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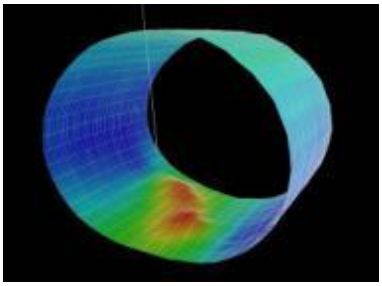
CPIG IN-LINE INSPECTION FINAL REPORT

RELIABILITY INTEGRITY DELIVERY

The Dock #1 main 42” transfer line from the Terminal is out of service due to identified pipeline anomalies. Crude oil transfers to and from dock 1 use an alternate 20” pipeline. The main 42” transfer pipeline Inspection report will be evaluated and repairs performed to return the pipeline to normal crude oil service prior to lease turnover.



Submitted to:

SHELL PIPELINE COMPANY

Pipeline Name:	**Sugarland 42in Dock Line 1**
PPS Job #:	**450868_42A**
CPIG In-Line Inspection Type:	**High Resolution MFL**
Run Date:	**October 26, 2018**
Report Date:	**January 7, 2019**

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Shell Pipeline Company
Sugarland 42in Dock Line 1
High Resolution MFL Final Report

PURPOSE

The purpose of this in-line inspection (ILI) survey was to inspect the Sugarland 42in Dock Line 1 Line with the Baker Hughes, a GE company PPS Process and Pipeline Services (CPIG) high-resolution MFL metal loss tool.

This High Resolution MFL Final Report is an executive summary of the attached metal loss database; Pipeline Features Listing (see Attachment 7.1) and Pipe Tally (see Attachment 7.2).

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1.0 General

The 42” HRC-1 tool was launched at 10:59:55 and received at 11:56:20 on October 26, 2018. The ILI survey recorded a total distance of 1.2 miles with a total run time of 0.93 hours, working out to an average speed of 1.2 mph (excluding stops).

Baker Hughes, a GE company PPS field operations personnel was: Sam Garcia
Baker Hughes, a GE company PPS analyst was: Randall Gil
QA/QC was performed by: Armando Hernandez

There were 3866 metal loss anomalies (greater than or equal to a minimum predicted wall loss of 15%) detected by CPIG’s MFL tool. The deepest anomaly in this line was predicted to be an external 82% WT metal loss at odometer 69.90 ft.

Total MFL line coverage is 99.9%. 6 MFL sensors became intermittent during the run affecting 0.1% of the data. Review of these sensors has identified that some metal loss anomalies were coincident with the missing data. The Caliper also failed for this line. Total Caliper Data coverage is 54%. 24 Caliper sensors became intermittent/noisy during the run.

2.0 Metal Loss and Deformation Anomalies

2.1 2.1 Specific Feature Reports (Tables 1A to 1D, Attachment 7.3)

The survey identified the following indications within the stated classifications:

Liquid Service Pipeline

Quantity Total	Description
6	Group 1
0	Group 2
4	Group 3
0	Group 4

Table 1A.

** Note: Please refer to the Shell documentation for the classifications of the Group 1, 2, 3 and 4. (Shell Document 3TS-002 In-Line Inspection (ILI) of Pipelines Rev July 2013).

2.3 Summary and Statistical Data (Metal Loss)

The identified anomalies are classified within the stated ranges:

	TOTAL	INTERNAL	EXTERNAL
Metal Loss	3866	3866	0
Axial Groove	9	9	0
Axial Slot	0	0	0
Circ Groove	33	33	0
Circ Slot	306	306	0
Isolated	0	0	0
Pinhole	0	0	0
Pitting	2879	2879	0
General	207	207	0
Cluster	432	432	0
15%-19%	1129	1129	0
20%-29%	1769	1769	0
30%-39%	640	640	0
40%-49%	218	218	0
50%-59%	79	79	0
60%-69%	25	25	0
70%-79%	5	5	0
80%-90%	1	1	0
90%-100%	0	0	0
ERF <0.6	3866	0	3866
0.6<=ERF<0.8	0	0	0
0.8<=ERF<0.9	0	0	0
0.9<=ERF<1.0	0	0	0
1.0<=ERF<1.2	0	0	0
ERF>=1.2	0	0	0

Table 3.

The histograms (i.e. metal loss 0.5 miles) can be seen in the attached Frequency Distribution Plots (See Figure 1A to1D, Attachment 7.5).

The Pressure Sentenced Plots (see Figure 3A, Attachment 7.7).

During the manufacturing process of creating a piece of pipe, numerous material flaws can occur during the fabrication and/or welding of the pipe. These abnormalities can include laminations, inclusions, hard spots, slivers, blisters, laps, weld trim, internal coating imperfections, or other features that have altered the magnetic permeability of the pipe line. If analysis identifies an indication consistent with that of one of these features, it is characterized as a Manufacturing Indication.

Baker Hughes, a GE company Pipeline Inspection's sizing algorithms are based on the assumption that the flux leakage measured is associated with pure metal loss. As manufacturing anomalies can be the result of other physical properties, the actual depths and dimensions may differ slightly to those estimated during the analysis. It is for this reason that the predicted dimensions of a PMA are often provided as a general extent of an anomaly, though location will be precise (Chainage and clock position). The depth measurement reported for the PMA is the equivalent metal loss that would be calculated from the flux leakage signal response were it pure metal loss resulting as an example from corrosion. Where a manufacturing anomaly contains multiple signals the dimensions will correspond to the overall extent of the anomaly and the depth measurement to the deepest equivalent metal loss calculated within the PMA.

Metal Loss ILI Report Corrosion Interaction Method: 1" x 6t, where t is the associated wall thickness.

Corrosion Assessment Method: Modified B31G

$$ERF = \left[\frac{MOP}{P'}\right]$$

$$P' = 0.72 * PBurst$$

Where $P_{burst\ (Modified\ B31G)}$ is the calculated burst pressure of a metal loss anomaly.

3.0 Pipeline Indications

This section describes pipeline anomalies (other than metal loss), casings, appurtenances, above ground reference (markers) locations and pipe type classifications.

3.1 Manufacturing and Construction Anomalies

The table below lists the manufacturing and construction anomalies detected by the tool and included in the “Features Listing”. They are as follows:

Description	Number of Indications
Pipe Mill Anomalies	0
Manufacturing Indications	0
Girth Weld Anomalies	0
Seam Weld Anomalies	0
Close Metal Objects	10
Touching Metal Objects	0

Table 4.

3.1.1 Manufacturing Indications are “metal loss” anomalies that do not appear to be surface breaking. The origin of such anomalies could be mid-wall indications such as inclusions and laminations. These indications cannot be sized, but the orientation is provided in the “Features Listing”.

As mentioned in section 1.0 above, if these manufacturing anomalies break either the internal or external pipe surface, they will be classified as pipe mill anomalies.

3.1.2 Girth Weld Anomalies are construction-related defects. Examples of girth weld anomalies include the following: lack of penetration, lack of fusion and misalignment. These indications cannot be sized, but the orientation is provided in the “Pipeline Features Listing”.

3.1.3 Seam Weld Anomalies are a manufacturing-related defect. Examples of long seam weld anomalies include the following: lack of penetration, lack of fusion, misalignment, etc. These indications cannot be sized, but the orientation is provided in the “Features Listing”.

3.1.5 Close metal objects (also referred to as “metal in close proximity) are ferrous “metal gain” objects that have been detected adjacent to the pipeline but do NOT appear to touch the pipeline.

3.1.6 Touching metal objects are ferrous “metal gain” objects that have been detected adjacent to the pipeline and that appear to touch the pipeline.

3.2 Casing Report

A casing report (Table 5A, Attachment 7.7) has been included in this document listing the start and end of each casing. The start of casing has been identified with stationing values provided from the alignment sheets indicating the start and end of the crossing. In addition to the casings listed, any indications (itemized in the "Pipeline Features Listing") found within the cased area of the pipe have been included. A summary is as follows:

Description	Number of Casings
Casings identified by the ILI survey	0
Eccentric casings	0
Possible Metallically shorted casings	0
Casings containing ≥ 50% deep external metal loss	0
Casings containing 15 – 49% deep external metal loss	0
Casings containing deformation anomalies	0

Table 5.

3.3 Pipeline Appurtenances

The "Features Listing" includes the centerline location and orientation of all pipeline appurtenances detected in the ILI survey. A summary is as follows:

Description	Number of Appurtenances
Anchors	0
Valves	1
Tees	0
Taps	1
Flanges	2
Stopples	0
CP Point	0
Pipe Supports	0
Off Take	0
Weld + End	0

Table 6

3.4 Existing Repairs

A summary is as follows:

Description	Number of Existing Repairs
Full Encirclement Sleeves	2
Half Wrap Repairs	0
Patch Repairs	0
Metal Deposition Repairs (Puddle welds)	0
Composite Repair Sleeves*	0
Other Existing Repairs	0

*Composite repair sleeves must be appropriately marked in order to be detected with MFL technology.

Table 7

4.0 Benchmark Integrity

Benchmarks (also referred to as Above-Ground-Markers, or AGM's) were placed at multiple pre-determined locations. Typically, these locations include, but are not limited to valves, check valves, branch connections, and surveyed locations. Benchmarks are utilized to relate anomalies detected by the ILI tool to the known pre-determined above ground locations.

A total of 10 benchmarks, includes 3 pipeline appurtenances (Valves and Flanges), have been used as reference points in the data. A summary of the benchmarks appears in Table 8, Attachment 7.8.

5.0 Pipe Type Summary

While the pipeline operator generally provides the pipe data, the following summary attached (see Table 9, Attachment 7.9) lists the pipe observed by the ILI survey. It should be noted that for MFL/CAL/IMU technology pipe grade cannot be determined. This information (wt., grade, and type) is entered based on the pipe data provided by the pipeline operator.

6.0 Final Remarks

6.1 Analyst Qualifications

As outlined in Baker Hughes, a GE company PPS standard procedure, CPIG001 "Analyst Qualifications", auditable written procedures are utilized to ensure that only qualified analysis personnel analyze MFL/CAL/IMU data. This procedure is available upon written request.

Analysts are classified into four qualification levels: Analyst Trainee, Analyst I, Analyst II, and Analyst III. An Analyst Trainee may perform Analyst I tasks under direct supervision. An Analyst I may construct low-level database under close supervision and with a variety of checks and balances. An Analyst II may run and construct databases with little or no supervision. An Analyst III may perform all analysis functions including assisting clients with pressure calculations, severity, and prioritization criteria.

6.2 QA/QC Process

As outlined in Baker Hughes, a GE company PPS standard procedure, CPIG002 "Report QA/QC", auditable written procedures are utilized to ensure that this report has been checked and double-checked for technical, analytical, and administrative errors. This procedure is available upon written request.
This process is documented in Attachment 7.11, "QA/QC Checklist". The primary analyst on the project performs the QA/QC checks, and the list is double-checked by an uninvolved analyst (i.e. a "fresh pair of eyes"). Finally, the Analysis Manager reviews and "signs off" on the checklist.

6.3 "Best Efforts" basis

Baker Hughes, a GE company PPS always endeavors to provide excellent ILI services. However, it is the sole responsibility of the pipeline operator to use this information to draw conclusions regarding the condition of their pipeline and regarding the fitness for purpose of their pipeline. In every case, Baker Hughes, a GE company PPS performance of these ILI services is on a best efforts basis, within the physical limitations of magnetic flux leakage technology, the properties of the pipe material, and the mechanical and electronic capabilities of the tools utilized.

6.4 Feedback wanted

Baker Hughes, a GE company PPS strongly desires to obtain copies of pictures and these etchings in order to continually improve sizing databases and algorithms.

Performance feedback (positive feedback, constructive criticism, and/or general performance information) is always welcomed. This feedback can be provided in writing, via telephone, or via email to the following personnel:

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7.0 Attachments

7.1 Features Listing (Also enclosed on the USB)

The Features listing in Excel format presents the sequence of features as they have been detected from the start of the run to the end.

7.2 Pipe Tally (Enclosed on the USB)

The Pipe Tally in Excel format presents the sequence of girth welds as they have been detected from the start of the run to the end. The Pipe tally begins at the first weld outside of the launcher and ends at the last weld before the receiver begins.

7.3 Tables 1A to 1D, “Group Features: 14 inch 22-0-04/06 Diesel Wharf Line”.

7.4 Figure 1A to 1F, “Frequency Distribution Plots: 14 inch 22-0-04/06 Diesel Wharf Line".

7.5 Figure 2A to 2C, “Orientation Plots: 14 inch 22-0-04/06 Diesel Wharf Line".

7.6 Figure 3A, “Pressure Sentenced Plot: 14 inch 22-0-04/06 Diesel Wharf Line".

7.7 Table 5A, “Casing Summary: 14 inch 22-0-04/06 Diesel Wharf Line".

7.8 Table 8, “Benchmark Integrity Summary: 14 inch 22-0-04/06 Diesel Wharf Line".

7.9 Table 9, “Pipe Type Summary: 14 inch 22-0-04/06 Diesel Wharf Line”.

7.10 Inspection Run Report Plots

7.11 QAQC Checklist

7.12 Prioritized ILI Dig Plan

CPIG001 Analysis Qualification Standard (found on USB)

CPIG POF Tables MFL/CAL/IMU Performance Specification (found on USB)

Software Installation (found on USB)

Shell Pipeline Company
Sugarland 42in Dock Line 1

Selected Group Features Report
Group 1 Items

Item No.	Pipeline Feature	INT/ EXT	Odometer	W. T.	Pipe Grade (psi)	72% SMYS (psi)	Depth (%)	Depth (in.)	Length (in.)	Width (in.)	O'Clock Orientation	Burst Pressure (psi)	ERF	RPR	Group No.	Group Category	Metal Loss Type	Comments
33	Metal Loss	Int	40.99	0.375	35000	450	75	0.281	0.590	0.732	9:45	794	0.262	1.270	1	a	Pitting	
34	Cluster	Int	43.92	0.375	35000	450	74	0.279	2.567	2.571	9:57	676	0.308	1.081	1	a		CLS C
44	Metal Loss	Int	54.24	0.375	35000	450	78	0.292	0.704	0.793	2:33	789	0.264	1.262	1	a	Pitting	
49	Metal Loss	Int	69.90	0.375	35000	450	82	0.309	0.624	0.623	8:49	789	0.264	1.263	1	a	Pitting	
3276	Cluster	Int	4860.30	0.375	35000	450	75	0.281	1.450	2.014	4:33	751	0.277	1.202	1	a		CLS C
3483	Metal Loss	Int	4894.89	0.375	35000	450	72	0.271	1.263	0.886	4:22	767	0.272	1.227	1	a	Pitting	

Shell Pipeline Company
Sugarland 42in Dock Line 1

Selected Group Features Report
Group 2 Items

Item No.	Pipeline Feature	INT/ EXT	Odometer	W. T.	Pipe Grade (psi)	72% SMYS (psi)	Depth (%)	Depth (in.)	Length (in.)	Width (in.)	O'Clock Orientation	Burst Pressure (psi)	ERF	RPR	Group No.	Group Category	Metal Loss Type	Comments
* No Group 2 features to report in this survey																		

Shell Pipeline Company
Sugarland 42in Dock Line 1

Selected Group Features Report
Group 3 Items

Item No.	Pipeline Feature	INT/ EXT	Odometer	W. T.	Pipe Grade (psi)	72% SMYS (psi)	Depth (%)	Depth (in.)	Length (in.)	Width (in.)	O'Clock Orientation	Burst Pressure (psi)	ERF	RPR	Group No.	Group Category	Metal Loss Type	Comments
1254	Cluster	Int	3059.03	0.375	35000	450	57	0.215	1.927	6.800	6:15	756	0.276	1.209	3	f.3		CLS C | On GWD
2189	Metal Loss	Int	4225.24	0.375	35000	450	55	0.205	1.227	1.144	4:51	784	0.266	1.254	3	f.3	Pitting	Near GWD
2638	Metal Loss	Int	4304.62	0.375	35000	450	63	0.235	1.560	4.176	5:52	764	0.273	1.223	3	f.3	General Metal-loss	On GWD
3487	Metal Loss	Int	4895.48	0.375	35000	450	57	0.214	1.563	4.666	5:53	771	0.270	1.233	3	f.3	General Metal-loss	Near GWD

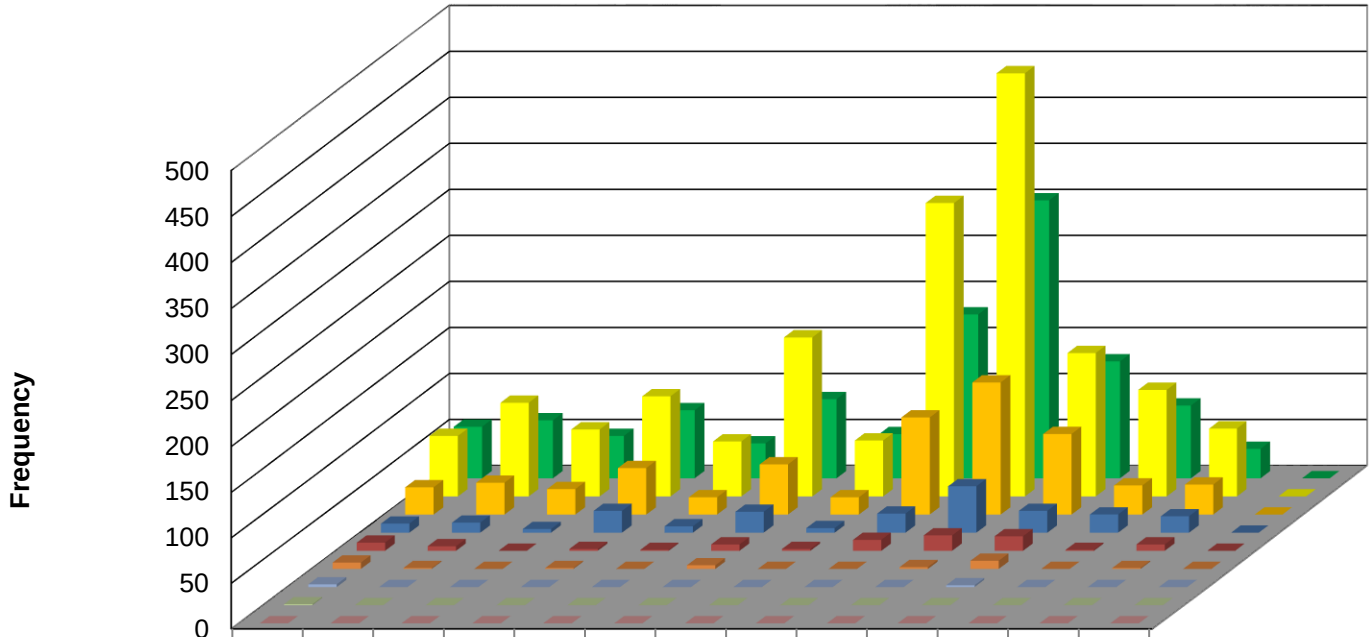
Shell Pipeline Company
Sugarland 42in Dock Line 1

Selected Group Features Report
Group 4 Items

Item No.	Pipeline Feature	INT/ EXT	Odometer	W. T.	Pipe Grade (psi)	72% SMYS (psi)	Depth (%)	Depth (in.)	Length (in.)	Width (in.)	O'Clock Orientation	Burst Pressure (psi)	ERF	RPR	Group No.	Group Category	Metal Loss Type	Comments
* No Group 4 features to report in this survey																		

Metal Loss Frequency Chart

Shell Pipeline Company
Sugarland 42in Dock Line 1



	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2
≥90%	0	0	0	0	0	0	0	0	0	0	0	0	0
80% - 89%	1	0	0	0	0	0	0	0	0	0	0	0	0
70% - 79%	3	0	0	0	0	0	0	0	0	2	0	0	0
60% - 69%	7	1	0	1	0	4	0	0	2	9	0	1	0
50% - 59%	9	5	0	2	1	7	2	12	17	16	1	7	0
40% - 49%	10	11	4	24	7	23	5	21	51	24	20	18	0
30% - 39%	30	35	28	51	19	55	19	106	144	88	32	33	0
20% - 29%	66	102	73	109	60	173	61	319	460	156	116	74	0
15% - 19%	56	63	46	74	38	86	48	178	302	127	79	32	0

Distance (miles)

Figure 1A, Attachment 7.4

Shell Pipeline Company
Sugarland 42in Dock Line 1

Total Metal Loss Histogram

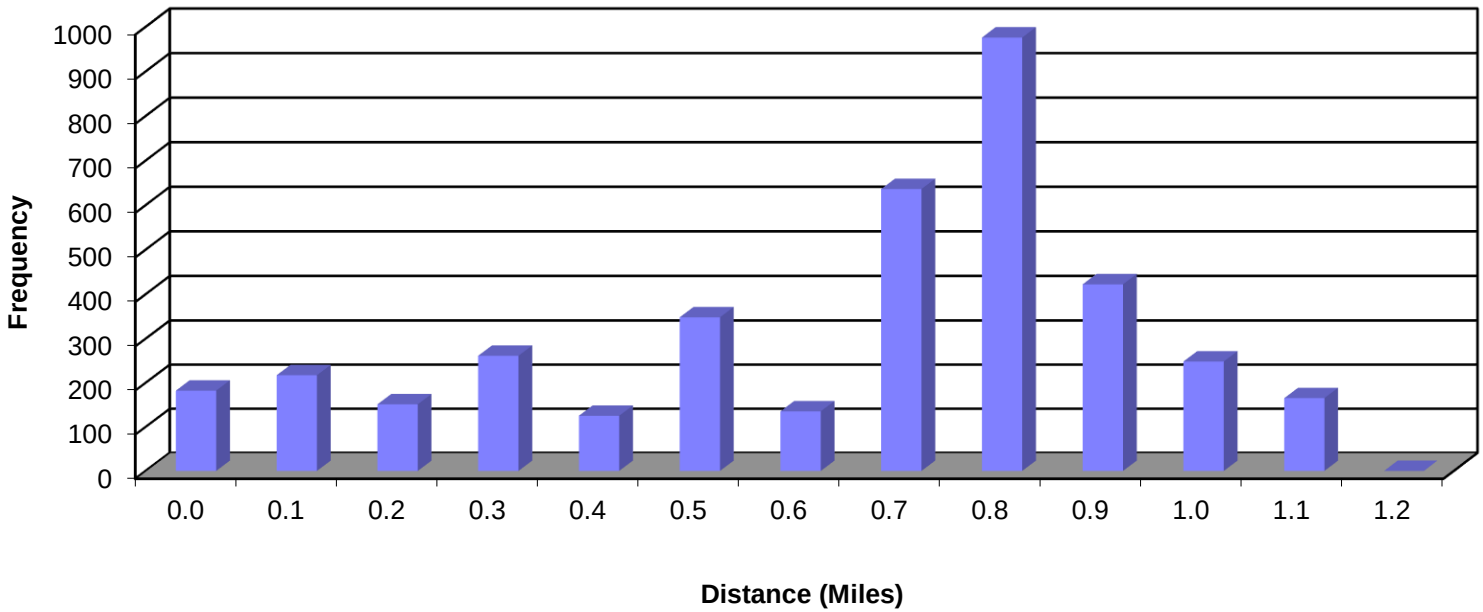


Figure 1B, Attachment 7.4

Shell Pipeline Company
Sugarland 42in Dock Line 1

Reported Metal Loss >=40% & >=60%

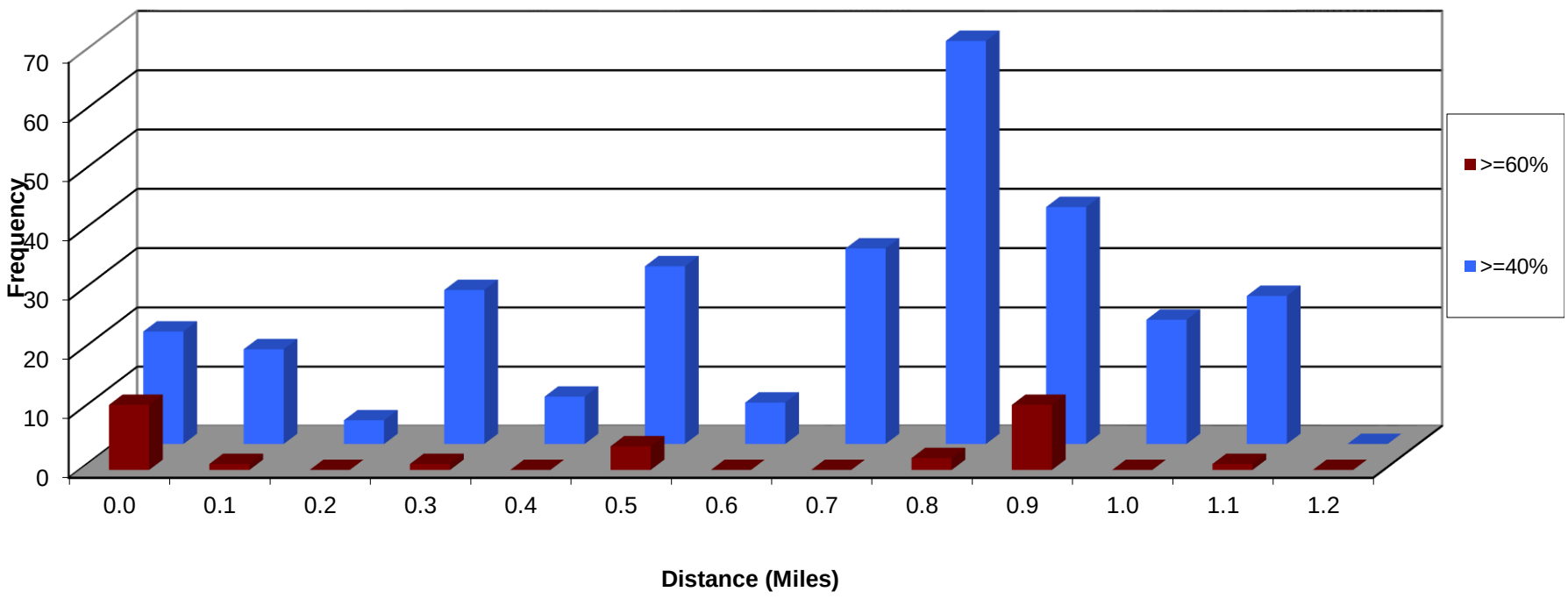


Figure 1C, Attachment 7.4

Shell Pipeline Company
Sugarland 42in Dock Line 1

ERF Histogram

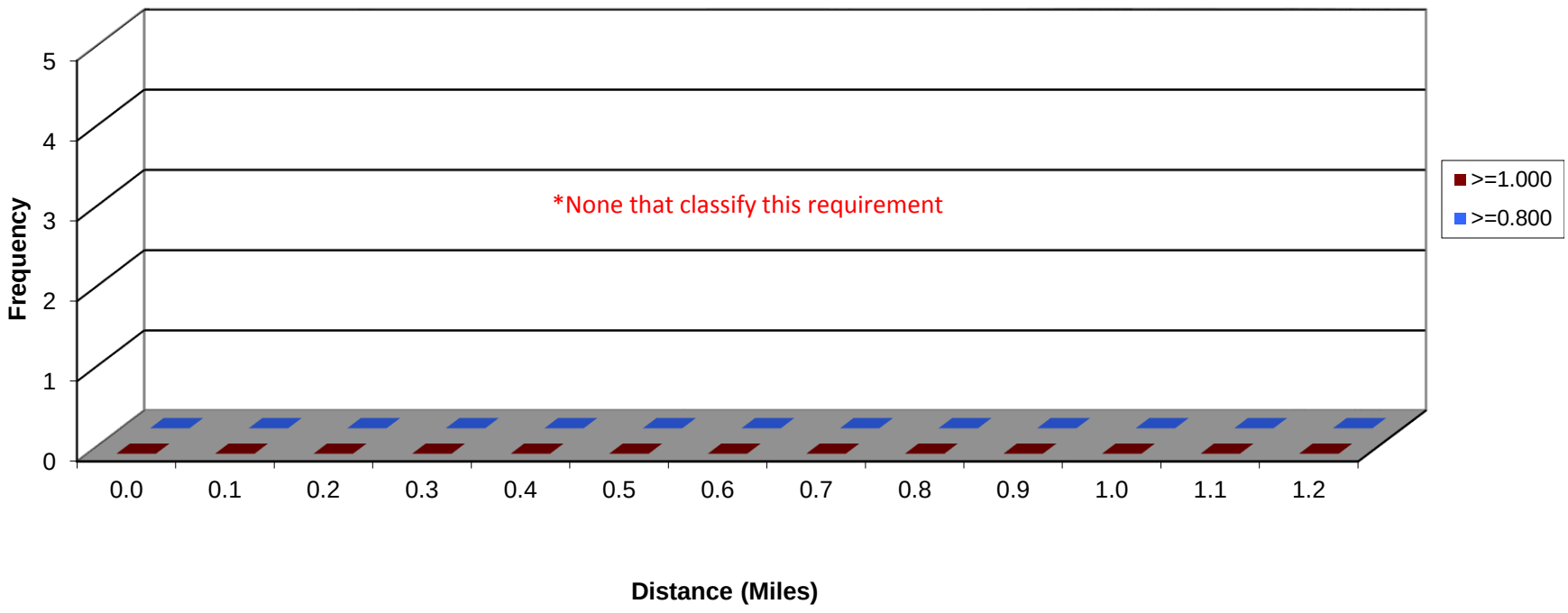


Figure 1D, Attachment 7.4

Shell Pipeline Company
Sugarland 42in Dock Line 1

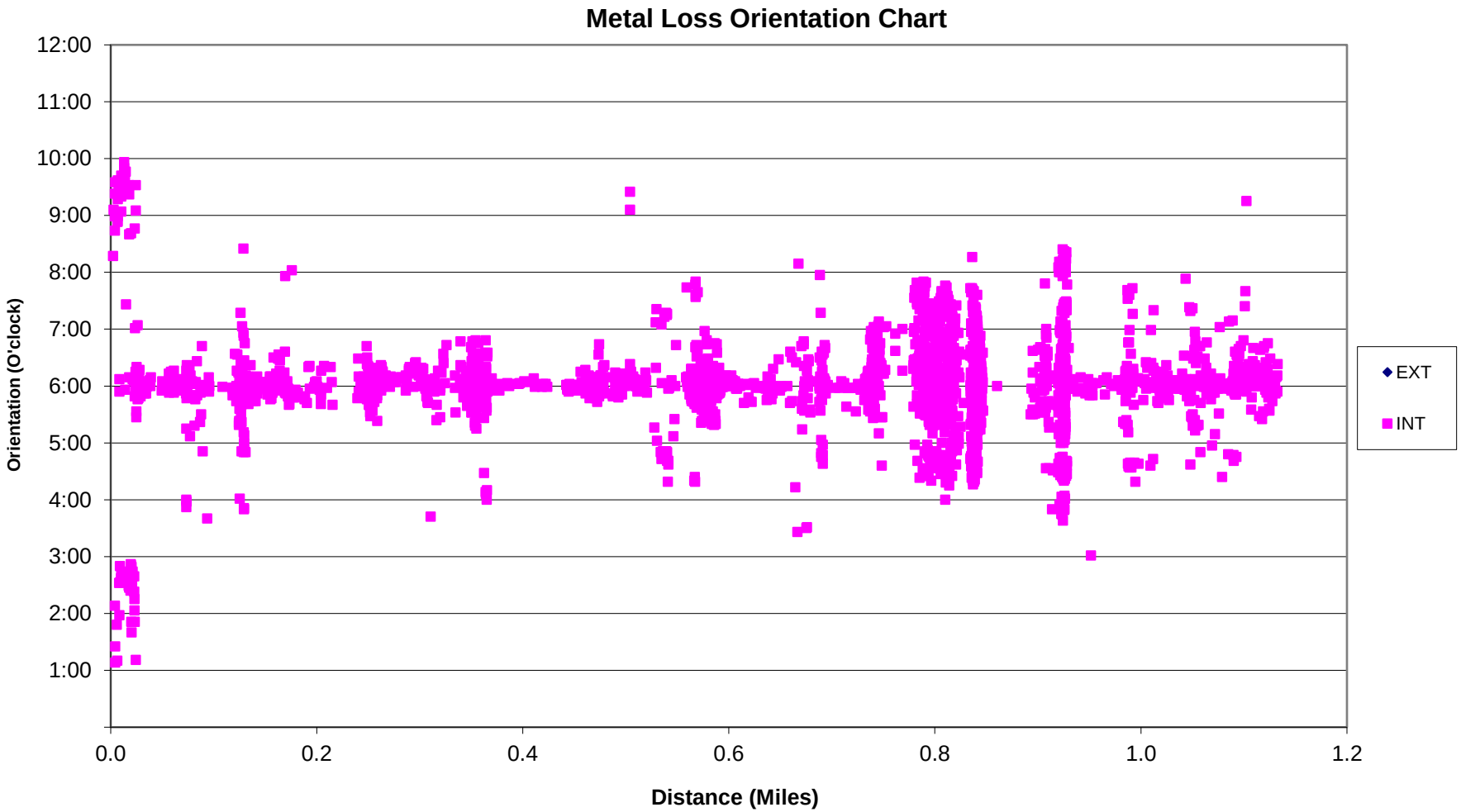


Figure 2A, Attachment 7.5

Shell Pipeline Company
Sugarland 42in Dock Line 1

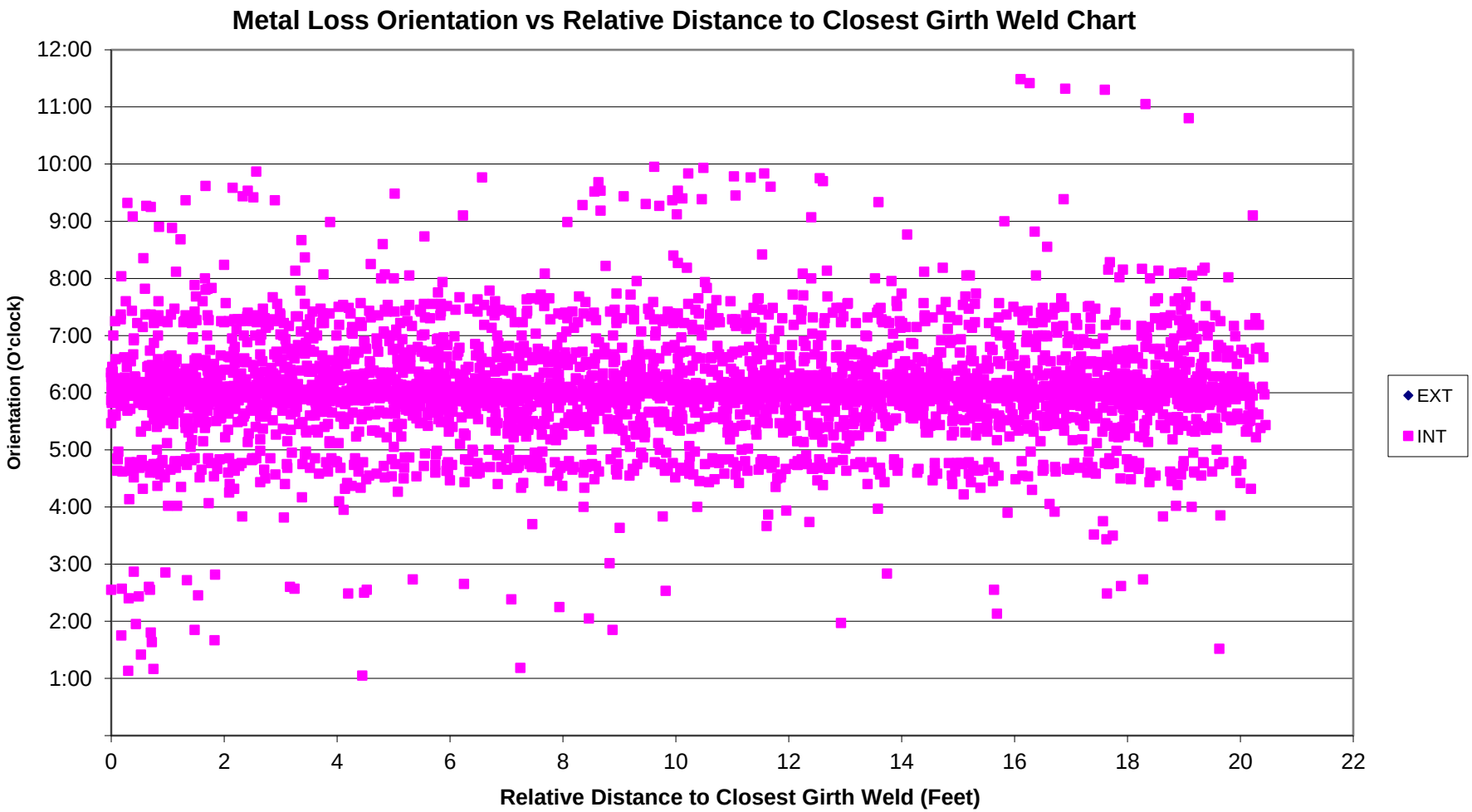


Figure 2B, Attachment 7.5

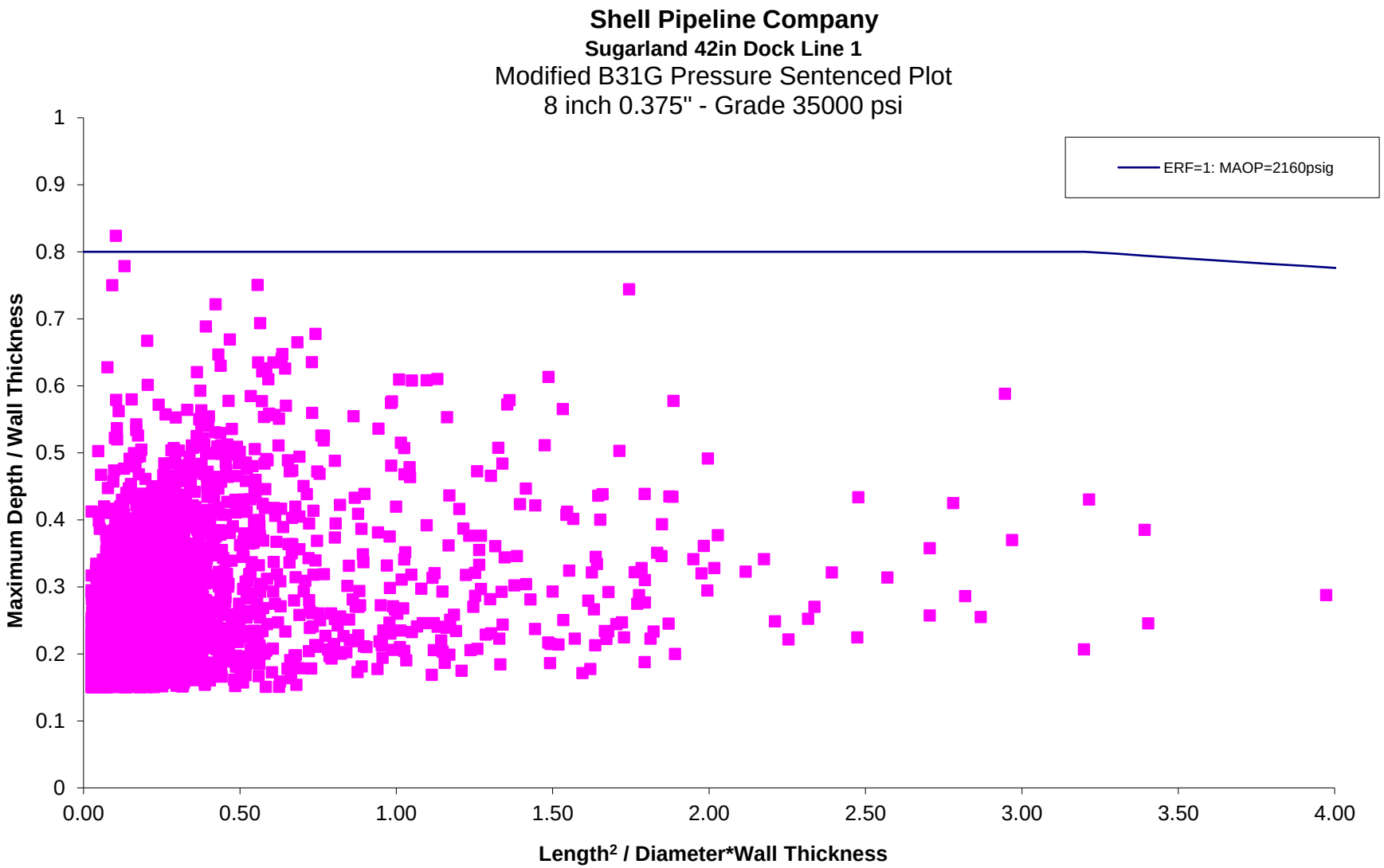


Figure 3A, Attachment 7.6

Casing Listing

Client: Shell Pipeline Company
Project: NPS42 CPIG (MFL) Metal Loss Inspection
Location: Sugarland 42in Dock Line 1
Run Date: October 26, 2018

BHI Identifier	Odometer (ft)	Pipe Description	W.T. (in)	Pipe Grade (psi)	Casing Length (ft)	Comments

No Data to Report

Table 5A, Attachment 7.7

Benchmark Integrity Summary

Client: Shell Pipeline Company
Project: NPS42 CPIG (MFL) Metal Loss Inspection
Location: Sugarland 42in Dock Line 1
Run Date: October 26, 2018

BHI Identifier	Shell Identifier	BHI Chainage (ft)	Shell Chainage (ft)	Shell Area	U/S BHI GWD Number	Dist. to U/S GWD (ft)
FLG 1	Launcher Flange	0.00	0	Area 1	10	0.59
AGM 1	AGM 1	266.61	296	Area 1	100	14.54
AGM 2	AGM 2	1165.38	1191	Area 1	330	14.13
AGM 3	AGM 3	1999.59	2027	Area 1	540	37.59
AGM 4	AGM 4	3291.85	3279	Area 1	880	30.71
AGM 5	AGM 5	4432.48	4444	Area 1	1220	0.50
AGM 6	AGM 6	4942.91	4909	Area 1	1440	24.28
AGM 7	AGM 7	5657.85	5657	Area 1	1620	22.87
VLV 1	MLV	6057.88	6075	Area 1	1750	2.00
FLG 2	Receiver Flange	6081.81	6100	Area 1	1790	0.52

Table 8, Attachment 7.8

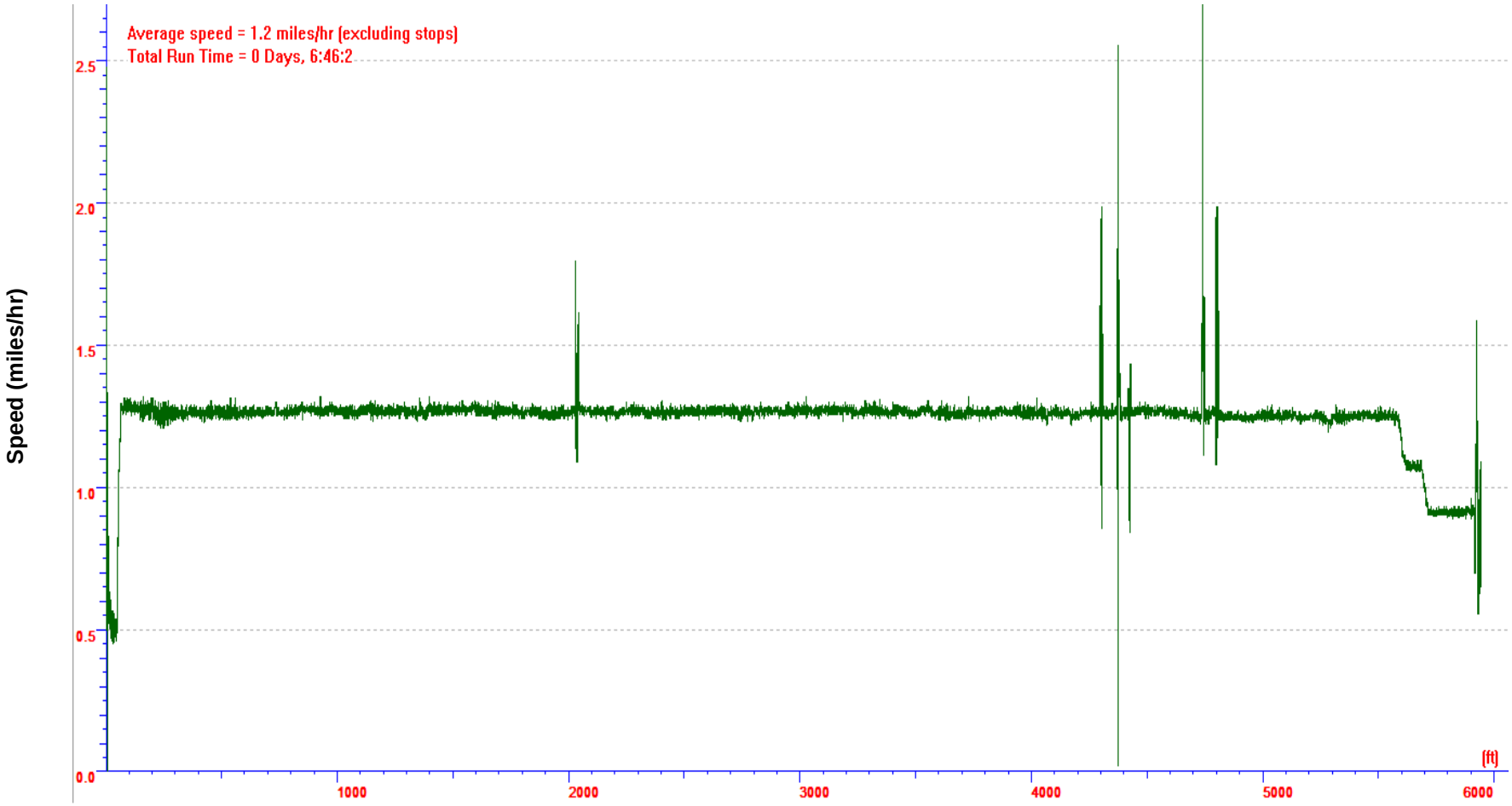
Pipe Type List

Client: Shell Pipeline Company
Project: NPS42 CPIG (MFL) Metal Loss Inspection
Location: Sugarland 42in Dock Line 1
Run Date: October 26, 2018

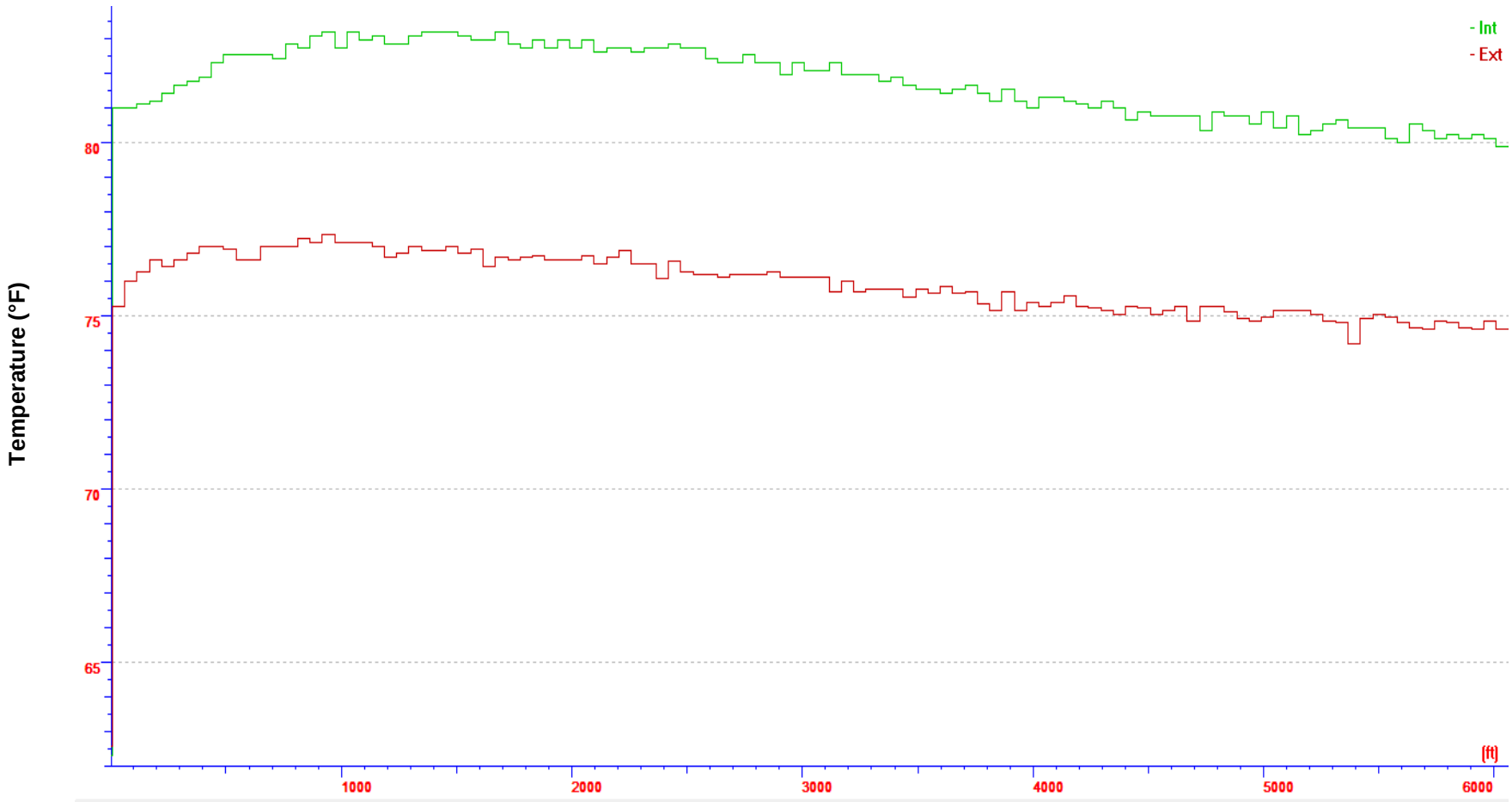
Start Odometer (ft)	End Odometer (ft)	Length of PipeType (ft)	Wall Thickness (in)	Pipe Grade (psi)	Pipe Type	Comments
-0.59	0.00	0.59	0.375	35000	DSAW	
0.00	0.40	0.40	0.375	35000	Flange	Launcher Flange Sta 0+00 Pig Trap Door
0.40	6055.31	6054.91	0.375	35000	DSAW	
6055.31	6057.88	2.57	0.500	42000	DSAW	
6057.88	6059.96	2.08	0.500	42000	Valve	MLV Sta. 60+58 (Calculated Stationing)
6059.96	6081.81	21.85	0.500	42000	DSAW	
6081.81	6082.66	0.85	0.500	42000	Flange	Receiver Flange Sta 61+00 Receiver Door

Table 9, Attachment 7.9

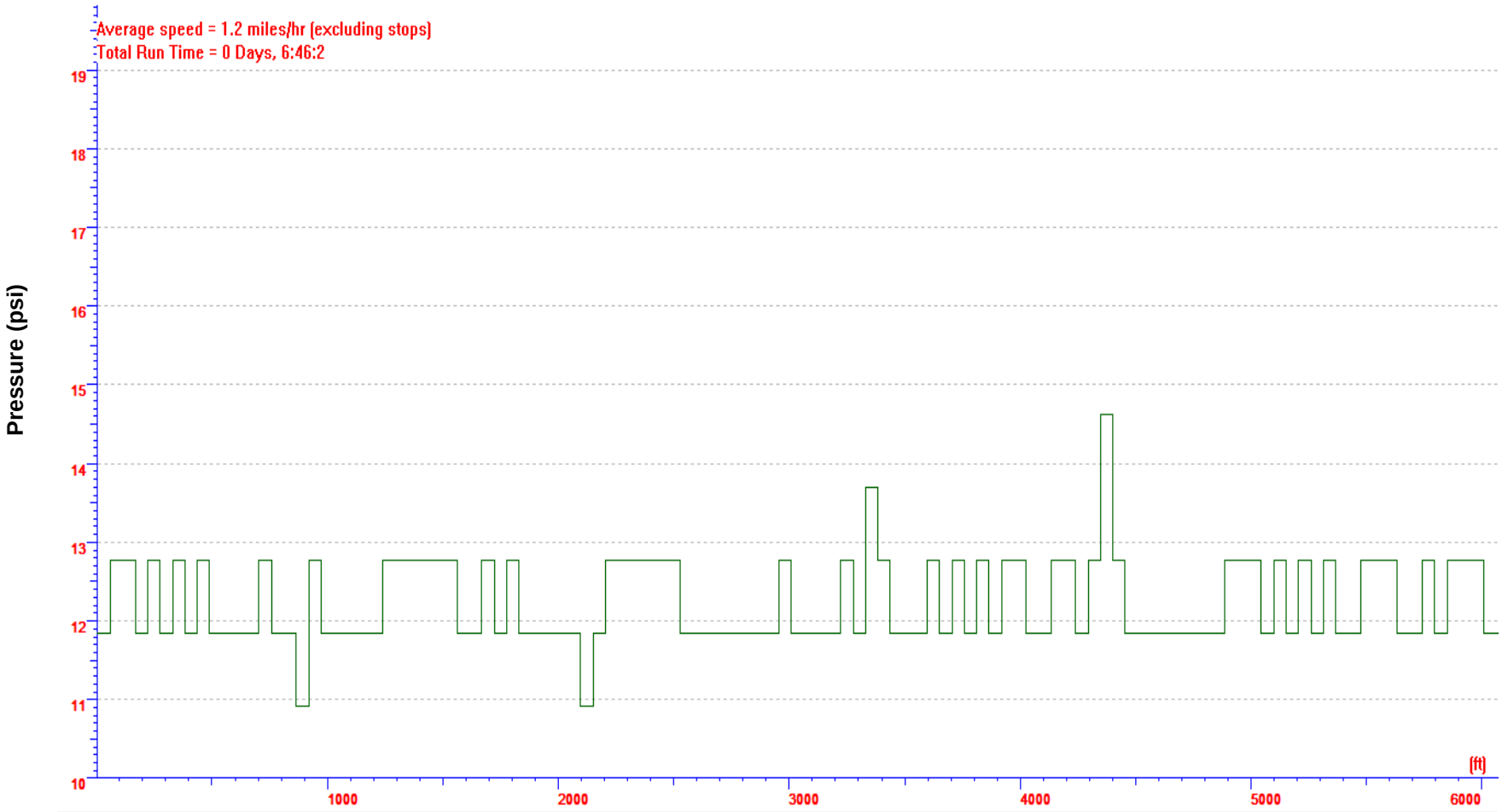
Shell Pipeline Company
Sugarland 42in Dock Line 1
Tool Velocity Plot



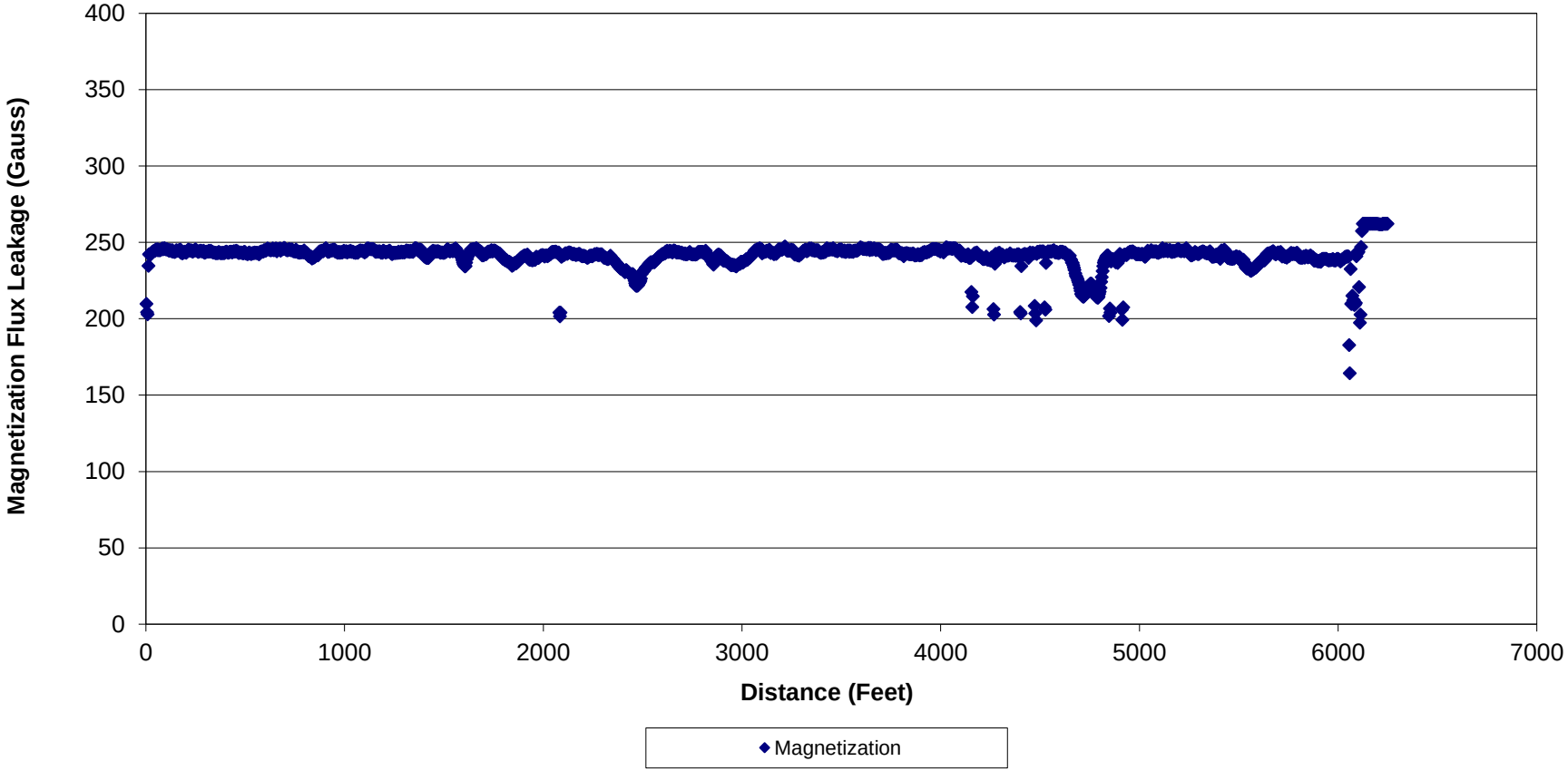
Shell Pipeline Company
Sugarland 42in Dock Line 1
Temperature Plot



Shell Pipeline Company
Sugarland 42in Dock Line 1
Pressure Plot



Shell Pipeline Company
Sugarland 42in Dock Line 1
Magnetization Plot



In Line Inspection Report prepared for:

Shell Pipeline Company
CPIG™ (MFL) Anomaly Inspection
Sugarland 42in Dock Line 1

CPIG™ Inspection Date: October 26, 2018

Baker Hughes, a GE Company Pipeline Inspection 7105 Business Park Drive Houston, TX 77041

Signature Block	Name	Date
Analysis Supervisor	Yen Nguyen	1/7/2019
MFL QA/QC	Armando Hernandez	1/7/2019
MFL Analyst	Randall Gil	1/7/2019

Issue Number	Run Date	Issue Date	Description of Changes
A	10/26/2018	1/7/2019	Initial Issue

Note:

This report has been specifically prepared for Shell Pipeline Company. Any use which a third party makes of this report, or any sole reliance on or decisions to be made based on the information contained herein, are the sole responsibility of such third parties. Baker Hughes, a GE company Pipeline Inspection accepts no responsibility for the damages, if any, suffered by any third party as a result of decisions made or actions based on the information contained in this report.

Information provided herein represents the best efforts of Baker Hughes a GE Company Pipeline Inspection to evaluate the described lines. Judgements concerning pipe condition are left entirely to Shell Pipeline Company. All information herein represents only Baker Hughes, a GE company Pipeline Inspection's interpretation of the pipeline inspection information and shall not be construed as a warranty or guarantee of the structural condition of the pipeline, its fitness for use, or any other condition.

Prioritized ILI Dig Plan

ILI pipeline segment name: **Sugarland 42in Dock Line 1**

ILI date (tool removal): **10/26/2018**

Group (Priority)	Group Category	Feature Number	Pipeline Feature	Odometer (ft)	w.t. (in)	Pipe Grade (psi)	INT/ EXT	Depth (%)	Depth (in.)	Length (in.)	Width (in.)	O'Clock Orientation	MAOP (psi)	P_{BURST} (psi)	P_{SAFE} (psi)	Could Affect HCA	Anomaly Response Table Criteria	(Group Category Description)	Repair Timeline (Days)	Date of Discovery	Due Date for Response	ILI Report Comments	SPLC Comments
1	a	33	Metal Loss	40.99	0.375	35000	Int	75	0.281	0.590	0.732	9:45	150	794	572								
1	a	34	Cluster	43.92	0.375	35000	Int	74	0.279	2.567	2.571	9:57	150	676	487								
1	a	44	Metal Loss	54.24	0.375	35000	Int	78	0.292	0.704	0.793	2:33	150	789	568								
1	a	49	Metal Loss	69.90	0.375	35000	Int	82	0.309	0.624	0.623	8:49	150	789	568								
3	f.3	1254	Cluster	3059.03	0.375	35000	Int	57	0.215	1.927	6.800	6:15	150	756	544								
3	f.3	2189	Metal Loss	4225.24	0.375	35000	Int	55	0.205	1.227	1.144	4:51	150	784	564								
3	f.3	2638	Metal Loss	4304.62	0.375	35000	Int	63	0.235	1.560	4.176	5:52	150	764	550								
1	a	3276	Cluster	4860.30	0.375	35000	Int	75	0.281	1.450	2.014	4:33	150	751	541								
1	a	3483	Metal Loss	4894.89	0.375	35000	Int	72	0.271	1.263	0.886	4:22	150	767	552								
3	f.3	3487	Metal Loss	4895.48	0.375	35000	Int	57	0.214	1.563	4.666	5:53	150	771	555								

Category	Data	
Pipeline System and Segment	Sugarland 42in Dock Line 1	
Pipeline Service	Shell Pipeline Company	
Mileage Inspected	1.20	Date the tool(s) was received in trap
Date Inspected	10/26/2018	
Tool Vendor	BHGE	
Tool Model #	42" HRC-1	
Type Of Tool	Standard Res MFL	
Description		
ILI Vendor Proj #	450868_42A	Date the report was provided
Date Report Issued by Vendor	1/7/2019	

Template Version 4.1

Go To Odometer:	100000

Reported Feature Reference: Feature Number (sequential order)	Pipeline Feature	INT/ EXT (ID/OD)	Odometer	Station Number	Distance to U/S weld	Distance to D/S weld	Joint Length	Defect Joint Number	Upstream (U/S) Reference: Name	Upstream (U/S) Reference: Distance from:	Downstream (D/S) Reference: Name	Downstream (D/S) Reference: Distance to:	Pipe Specification: Diameter	Nominal Wall Thickness	Measured Wall Thickness	Pipe Grade (SMYS)	Long Seam Orientation	Reported Feature Dimensions: Metal Loss Depth	Metal Loss Depth	Deformation Depth	Deformation Depth	Crack Depth	Crack Depth	Length	Width	Orientation	Calculated Values: MOP	Modified B31.G: Modified B31.G P_BURST	Modified B31.G P_SAFE	Design Pressure (72% SMYS)	ERF: MOP / P_SAFE	RPR: P_BURST / 100% SMYS	Effective Area: P_BURST	Effective Area: P_SAFE	Classification: Group Number	Group Category	XYZ Information: NAD 83 Latitude	NAD 83 Longitude	NAVD 88 Elevation	Comments	POF classification	Excavation/ Repair Required	SPLC Notes	Tool Type/ Technology
			(feet)	(feet)	(feet)	(feet)	(feet)			(feet)		(feet)	(inch)	(inch)	(inch)	(psi)		(%)	(inch)	(%)	(inch)	(%)	(inch)	(inch)	(inch)	(O'clock)	(psi)	(psi)	(psi)	(psi)			(psi)	(psi)					(feet)			Target/Yes/AGM		
1	Girth Weld		-0.59	-0.7		1.00	1.00	10			Launcher Flange	0.59	42.000	0.375	0.375	35000											150																	
2	Flange		0.00	0.0	0.59	0.40	1.00	10			AGM 1	266.61	42.000	0.375	0.375	35000											150													Launcher Flange Sta 0+00 Pig Trap Door				
3	Girth Weld		0.40	0.4	1.00	1.14	1.14	20	Launcher Flange	0.40	AGM 1	266.20	42.000	0.375	0.375	35000											150																	
4	Girth Weld		1.55	1.7	1.14	10.85	10.85	30	Launcher Flange	1.55	AGM 1	265.06	42.000	0.375	0.375	35000											150																	
5	Bend		6.87	7.6	5.33	5.52	10.85	30	Launcher Flange	6.87	AGM 1	259.73	42.000	0.375	0.375	35000								124.554			150													Sag Forged Bend				
6	Metal Loss	Int	7.58	8.4	6.04	4.81	10.85	30	Launcher Flange	7.58	AGM 1	259.02	42.000	0.375	0.375	35000		18	0.069					1.235	0.633	12:17	150	799	575	450	0.261	1.279	798	575							Pitting			
7	Metal Loss	Int	7.94	8.8	6.40	4.45	10.85	30	Launcher Flange	7.94	AGM 1	258.66	42.000	0.375	0.375	35000		15	0.058					1.603	0.607	1:03	150	798	574	450	0.261	1.277	797	574							Axial Grooving			
8	Girth Weld		12.39	13.8	10.85	41.15	41.15	40	Launcher Flange	12.39	AGM 1	254.21	42.000	0.375	0.375	35000											150																	
9	Metal Loss	Int	12.40	13.8	0.00	41.15	41.15	40	Launcher Flange	12.40	AGM 1	254.21	42.000	0.375	0.375	35000		34	0.126					0.927	0.814	2:33	150	798	575	450	0.261	1.277	797	574						On GWD	Pitting			
10	Metal Loss	Int	12.58	14.0	0.18	40.97	41.15	40	Launcher Flange	12.58	AGM 1	254.03	42.000	0.375	0.375	35000		39	0.148					1.150	0.842	1:45	150	793	571	450	0.263	1.269	791	570							Pitting			
11	Metal Loss	Int	12.58	14.0	0.19	40.96	41.15	40	Launcher Flange	12.58	AGM 1	254.02	42.000	0.375	0.375	35000		38	0.143					0.768	0.690	2:34	150	799	575	450	0.261	1.279	798	575							Pitting			
12	Metal Loss	Int	12.60	14.0	0.21	40.94	41.15	40	Launcher Flange	12.60	AGM 1	254.00	42.000	0.375	0.375	35000		33	0.122					0.885	0.666	12:01	150	799	575	450	0.261	1.278	798	575							Pitting			
13	Metal Loss	Int	12.84	14.3	0.44	40.71	41.15	40	Launcher Flange	12.83	AGM 1	253.77	42.000	0.375	0.375	35000		25	0.092					0.620	0.598	1:57	150	802	577	450	0.260	1.283	802	577							Pitting			
14	Metal Loss	Int	13.11	14.6	0.72	40.43	41.15	40	Launcher Flange	13.11	AGM 1	253.49	42.000	0.375	0.375	35000		67	0.250					0.877	0.852	1:38	150	788	567	450	0.265	1.261	780	562							Pitting			
15	Cluster	Int	14.72	16.3	2.33	38.82	41.15	40	Launcher Flange	14.72	AGM 1	251.88	42.000	0.375	0.375	35000		68	0.254					1.674	2.161	9:26	150	751	541	450	0.277	1.202	752	541						CLS C				
16	Cluster	Int	14.96	16.6	2.57	38.58	41.15	40	Launcher Flange	14.96	AGM 1	251.64	42.000	0.375	0.375	35000		61	0.228					2.036	5.036	9:52	150	745	536	450	0.280	1.192	769	554						CLS C				
17	Metal Loss	Int	21.86	24.3	9.47	31.68	41.15	40	Launcher Flange	21.86	AGM 1	244.74	42.000	0.375	0.375	35000		38	0.142					1.218	0.805	9:18	150	793	571	450	0.263	1.269	790	569							Pitting			
18	Metal Loss	Int	22.11	24.5	9.71	31.43	41.15	40	Launcher Flange	22.11	AGM 1	244.50	42.000	0.375	0.375	35000		35	0.132					0.927	0.863	9:16	150	798	574	450	0.261	1.277	796	573							Pitting			
19	Metal Loss	Int	22.34	24.8	9.94	31.20	41.15	40	Launcher Flange	22.34	AGM 1	244.27	42.000	0.375	0.375	35000		30	0.111					0.973	0.769	9:22	150	799	575	450	0.261	1.278	797	574							Pitting			
20	Metal Object		22.50	25.0	10.10	31.05	41.15	40	Launcher Flange	22.50	AGM 1	244.11	42.000	0.375	0.375	35000								3.740	6.124	1:47	150													Close Metal Object				
21	Metal Loss	Int	22.51	25.0	10.12	31.03	41.15	40	Launcher Flange	22.51	AGM 1	244.09	42.000	0.375	0.375	35000		19	0.070					1.001	0.756	9:24	150	801	576	450	0.260	1.281	800	576							Pitting			
22	Metal Loss	Int	23.43	26.0	11.03	30.11	41.15	40	Launcher Flange	23.43	AGM 1	243.18	42.000	0.375	0.375	35000		56	0.211					1.193	0.732	9:47	150	784	564	450	0.266	1.254	776	559							Pitting			
23	Metal Loss	Int	23.72	26.3	11.33	29.82	41.15	40	Launcher Flange	23.72	AGM 1	242.89	42.000	0.375	0.375	35000		15	0.058					0.635	0.675	9:46	150	803	578	450	0.260	1.284	802	577							Pitting			
24	Cluster	Int	23.96	26.6	11.57	29.58	41.15	40	Launcher Flange	23.96	AGM 1	242.65	42.000	0.375	0.375	35000		19	0.071					1.974	1.371	9:50	150	793	571	450	0.263	1.269	795	572						CLS C				
25	Metal Loss	Int	32.02	35.6	19.63	21.52	41.15	40	Launcher Flange	32.02	AGM 1	234.59	42.000	0.375	0.375	35000		26	0.097					0.465	0.578	1:31	150	803	578	450	0.260	1.284	802	577							Pitting			
26	Metal Loss	Int	34.45	38.3	22.06	19.09	41.15	40	Launcher Flange	34.45	AGM 1	232.15	42.000	0.375	0.375	35000		44	0.166					0.754	0.741	10:48	150	798	575	450	0.261	1.277	797	574							Pitting			
27	Metal Loss	Int	35.22	39.1	22.83	18.32	41.15	40	Launcher Flange	35.22	AGM 1	231.38	42.000	0.375	0.375	35000		32	0.120					0.477	0.562	11:03	150	802	578	450	0.260	1.284	802	577							Pitting			
28	Metal Loss	Int	35.90	39.9	23.51	17.64	41.15	40	Launcher Flange	35.90	AGM 1	230.70	42.000	0.375	0.375	35000		29	0.109					0.566	0.652	2:29	150	802	577	450	0.260	1.283	802	577							Pitting			
29	Metal Loss	Int	35.94	39.9	23.54	17.60	41.15	40	Launcher Flange	35.94	AGM 1	230.67	42.000	0.375	0.375	35000		25	0.093					0.350	0.534	11:18	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
30	Metal Loss	Int	36.65	40.7	24.25	16.90	41.15	40	Launcher Flange	36.65	AGM 1	229.96	42.000	0.375	0.375	35000		19	0.071					0.629	0.558	11:19	150	802	578	450	0.260	1.284	802	577							Pitting			
31	Metal Loss	Int	37.28	41.4	24.88	16.27	41.15	40	Launcher Flange	37.28	AGM 1	229.33	42.000	0.375	0.375	35000		54	0.201					0.634	0.778	11:25	150	798	575	450	0.261	1.277	796	573							Pitting			
32	Metal Loss	Int	37.43	41.6	25.04	16.11	41.15	40	Launcher Flange	37.43	AGM 1	229.18	42.000	0.375	0.375	35000		17	0.063					0.775	0.636	11:29	150	802	577	450	0.260	1.283	802	577							Pitting			
33	Metal Loss	Int	40.99	45.5	28.60	12.55	41.15	40	Launcher Flange	40.99	AGM 1	225.61	42.000	0.375	0.375	35000		75	0.281					0.590	0.732	9:45	150	794	572	450	0.262	1.270	787	567	1	a					Pitting			
34	Cluster	Int	43.92	48.8	31.52	9.62	41.15	40	Launcher Flange	43.92	AGM 1	222.69	42.000	0.375	0.375	35000		74	0.279					2.567	2.571	9:57	150	676	487	450	0.308	1.081	726	523	1	a				CLS C				
35	Metal Loss	Int	44.43	49.3	32.03	9.11	41.15	40	Launcher Flange	44.43	AGM 1	222.18	42.000	0.375	0.375	35000		58	0.217					0.628	0.948	6:00	150	798	574	450	0.261	1.276	795	572							Pitting			
36	Cluster	Int	44.46	49.4	32.07	9.08	41.15	40	Launcher Flange	44.46	AGM 1	222.14	42.000	0.375	0.375	35000		56	0.210					1.662	1.736	9:26	150	768	553	450	0.271	1.229	756	544						CLS C				
37	Metal Loss	Int	44.87	49.8	32.48	8.67	41.15	40	Launcher Flange	44.87	AGM 1	221.73	42.000	0.375	0.375	35000		45	0.168					0.739	0.668	9:11	150	798	575	450	0.261	1.277	797	574							Pitting			
38	Metal Loss	Int	47.56	52.8	35.16	5.99	41.15	40	Launcher Flange	47.56	AGM 1	219.05	42.000	0.375	0.375	35000		16	0.062					0.315	0.546	6:06	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
39	Metal Loss	Int	48.74	54.1	36.34	4.81	41.15	40	Launcher Flange	48.74	AGM 1	217.87	42.000	0.375	0.375	35000		38	0.144					1.275	1.038	8:36	150	792	570	450	0.263	1.267	788	567							Pitting			
40	Girth Weld		53.54	59.4	41.15	40.82	40.82	50	Launcher Flange	53.54	AGM 1	213.06	42.000	0.375	0.375	35000											150																	
41	Metal Loss	Int	53.83	59.8	0.29	40.53	40.82	50	Launcher Flange	53.83	AGM 1	212.77	42.000	0.375	0.375	35000		47	0.175					0.460	0.617	9:19	150	801	577	450	0.260	1.282	801	577							Pitting			
42	Cluster	Int	54.03	60.0	0.49	40.33	40.82	50	Launcher Flange	54.03	AGM 1	212.57	42.000	0.375	0.375	35000		28	0.104					1.083	1.365	2:26	150	798	575	450	0.261	1.277	797	574						CLS C				
43	Metal Loss	Int	54.16	60.1	0.62	40.20	40.82	50	Launcher Flange	54.16	AGM 1	212.44	42.000	0.375	0.375	35000		49	0.184					0.745	4.460	9:16	150	797	574	450	0.261	1.276	795	572							Circumferential Grooving			
44	Metal Loss	Int	54.24	60.2	0.69	40.12	40.82	50	Launcher Flange	54.23	AGM 1	212.37	42.000	0.375	0.375	35000		78	0.292					0.704	0.793	2:33	150	789	568	450	0.264	1.262	777	559	1	a					Pitting			
45	Metal Loss	Int	54.31	60.3	0.76	40.05	40.82	50	Launcher Flange	54.31	AGM 1	212.30	42.000	0.375	0.375	35000		30	0.111					0.437	0.569	5:32	150	803	578	450	0.260	1.284	802	577							Pitting			
46	Metal Loss	Int	59.63	66.2	6.09	34.73	40.82	50	Launcher Flange	59.63	AGM 1	206.98	42.000	0.375	0.375	35000		18	0.069					0.969	0.572	6:04	150	801	577	450	0.260	1.281	800	576							Pitting			
47	Metal Loss	Int	63.57	70.6	10.02	30.79	40.82	50	Launcher Flange	63.57	AGM 1	203.04	42.000	0.375	0.375	35000		39	0.145					0.442	0.550	9:07	150	802	577	450	0.260	1.283	802	577							Pitting			
48	Metal Loss	Int	69.36	77.0	15.82	25.00	40.82	50	Launcher Flange	69.36	AGM 1	197.25	42.000	0.375	0.375	35000		20	0.075					0.513	0.577	9:12	150	803	578	450	0.260	1.284	803	578							Pitting			
49	Metal Loss	Int	69.90	77.6	16.36	24.45	40.82	50	Launcher Flange	69.90	AGM 1	196.70	42.000	0.375	0.375	35000		82	0.309					0.624	0.623	8:49	150	789	568	450	0.264	1.263	776	559	1	a					Pitting			
50	Metal Loss	Int	70.13	77.9	16.58	24.23	40.82	50	Launcher Flange	70.13	AGM 1	196.48	42.000	0.375	0.375	35000		31	0.117					0.525	0.582	8:33	150	802	577	450	0.260	1.283	802	577							Pitting			
51	Metal Loss	Int	71.23	79.1	17.69	23.13	40.82	50	Launcher Flange	71.23	AGM 1	195.38	42.000	0.375	0.375	35000		24	0.088					0.702	0.625	8:17	150	802	577	450	0.260	1.283	801	577							Pitting			
52	Metal Loss	Int	73.76	81.9	20.22	20.60	40.82	50	Launcher Flange	73.76	AGM 1	192.84	42.000	0.375	0.375	35000		27	0.100					0.519	0.643	9:06	150	802	578	450	0.260	1.284	802	577							Pitting			
53	Cluster	Int	74.54	82.8	21.00	19.81	40.82	50	Launcher Flange	74.54	AGM 1	192.06	42.000	0.375	0.375	35000		39	0.148					1.651	1.448	12:05	150	784	564	450	0.266	1.254	780	562						CLS C				
54	Metal Loss	Int	77.49	86.0	23.94	16.87	40.82	50	Launcher Flange	77.49	AGM 1	189.12	42.000	0.375	0.375	35000		20	0.076					0.440	0.548	9:23	150	803	578	450	0.260	1.285	803	578							Pitting			
55	Metal Loss	Int	78.67	87.3	25.13	15.69	40.82	50	Launcher Flange	78.67	AGM 1	187.94	42.000	0.375	0.375	35000		38	0.144					0.536	1.505	2:08	150	801	577	450	0.260	1.282	801	578							Circumferential Grooving			
56	Metal Loss	Int	88.81	98.6	35.26	5.55	40.82	50	Launcher Flange	88.81	AGM 1	177.80	42.000	0.375	0.375	35000		24	0.090					0.747	3.784	8:44	150	801	577	450	0.260	1.282	801	577							Circumferential Grooving			
57	Metal Loss	Int	90.48	100.5	36.93	3.88	40.82	50	Launcher Flange	90.48	AGM 1	176.13	42.000	0.375	0.375	35000		29	0.109					0.602	0.598	8:59	150	802	577	450	0.260	1.283	801	577							Pitting			
58	Metal Loss	Int	92.20	102.4	38.66	2.15	40.82	50	Launcher Flange	92.20	AGM 1	174.40	42.000	0.375	0.375	35000		25	0.095					0.633	0.602	9:35	150	802	577	450	0.260	1.283	801	577							Pitting			
59	Girth Weld		94.36	104.8	40.82	39.32	39.32	60	Launcher Flange	94.36	AGM 1	172.25	42.000	0.375	0.375	35000											150																	
60	Metal Loss	Int	94.66	105.1	0.30	39.02	39.32	60	Launcher Flange	94.66	AGM 1	171.95	42.000	0.375	0.375	35000		47	0.175					1.363	0.712	1:08	150	786	566	450	0.265	1.257	780	562							Pitting			
61	Metal Loss	Int	94.88	105.3	0.53	38.79	39.32	60	Launcher Flange	94.88	AGM 1	171.72	42.000	0.375	0.375	35000		63	0.235					0.537	0.603	1:25	150	798	575	450	0.261	1.277	796	573							Pitting			
62	Cluster	Int	95.06	105.5	0.70	38.62	39.32	60	Launcher Flange	95.06	AGM 1	171.55	42.000	0.375	0.375	35000		56	0.211					0.652	5.733	1:48	150	797	574	450	0.261	1.276	795	572						CLS C				
63	Metal Loss	Int	95.10	105.6	0.75	38.57	39.32	60	Launcher Flange	95.10	AGM 1	171.50	42.000	0.375	0.375	35000		27	0.102					0.699	0.829	1:10	150	801	577	450	0.260	1.282	801	577							Pitting			
64	Cluster	Int	95.21	105.7	0.85	38.47	39.32	60	Launcher Flange	95.21	AGM 1	171.39	42.000	0.375	0.375	35000		69	0.258					1.215	2.745	8:54	150	773	556	450	0.270	1.237	780	562						CLS C				
65	Cluster	Int	95.44	106.0	1.08	38.24	39.32	60	Launcher Flange	95.44	AGM 1	171.17	42.000	0.375	0.375	35000		61	0.228					1.991	1.355	8:53	150	747	538	450	0.279	1.195	770	554						CLS C				
66	Cluster	Int	95.68	106.2	1.32	38.00	39.32	60	Launcher Flange	95.68	AGM 1	170.93	42.000	0.375	0.375	35000		61	0.230					2.370	3.765	9:22	150	728	524	450	0.286	1.164	761	548						CLS C				
67	Cluster	Int	96.03	106.6	1.67	37.65	39.32	60	Launcher Flange	96.03	AGM 1	170.58	42.000	0.375	0.375	35000		58	0.219					1.421	2.020	9:37	150	775	558	450	0.269	1.239	764	550						CLS C				
68	Metal Loss	Int	102.44	113.7	8.08	31.24	39.32	60	Launcher Flange	102.44	AGM 1	164.17	42.000	0.375	0.375	35000		33	0.125					1.215	0.696	8:59	150	795	572	450	0.262	1.272	792	570							Pitting			
69	Cluster	Int	102.71	114.0	8.35	30.96	39.32	60	Launcher Flange	102.71	AGM 1	163.89	42.000	0.375	0.375	35000		23	0.086					1.051	2.701	9:17	150	799	576	450	0.260	1.279	799	575						CLS C				
70	Metal Loss	Int	102.92	114.3	8.56	30.75	39.32	60	Launcher Flange	102.92	AGM 1	163.68	42.000	0.375	0.375	35000		36	0.135					0.808	1.659	9:31	150	799	575	450	0.261	1.279	798	575							Circumferential Grooving			
71	Metal Loss	Int	104.18	115.7	9.82	29.49	39.32	60	Launcher Flange	104.18	AGM 1	162.42	42.000	0.375	0.375	35000		19	0.072					0.386	0.564	2:32	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
72	Metal Loss	Int	106.50	118.2	12.14	27.18	39.32	60	Launcher Flange	106.50	AGM 1	160.10	42.000	0.375	0.375	35000		17	0.062					0.335	0.550	5:54	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
73	Metal Loss	Int	107.29	119.1	12.93	26.39	39.32	60	Launcher Flange	107.29	AGM 1	159.32	42.000	0.375	0.375	35000		50	0.189					0.422	0.559	1:58	150	801	577	450	0.260	1.282	801	577							Pitting			
74	Metal Loss	Int	107.38	119.2	13.02	26.30	39.32	60	Launcher Flange	107.38	AGM 1	159.23	42.000	0.375	0.375	35000		28	0.103					0.766	1.039	6:07	150	801	577	450	0.260	1.281	800	576							Pitting			
75	Metal Loss	Int	108.10	120.0	13.74	25.58	39.32	60	Launcher Flange	108.09	AGM 1	158.51	42.000	0.375	0.375	35000		33	0.122					0.627	0.758	2:50	150	801	577	450	0.260	1.282	801	577							Pitting			
76	Metal Loss	Int	110.00	122.1	15.64	23.68	39.32	60	Launcher Flange	110.00	AGM 1	156.61	42.000	0.375	0.375	35000		53	0.200					0.797	0.811	2:33	150	795	573	450	0.262	1.273	792	570							Pitting			
77	Metal Loss	Int	112.25	124.6	17.89	21.43	39.32	60	Launcher Flange	112.25	AGM 1	154.36	42.000	0.375	0.375	35000		18	0.067					0.344	0.543	2:37	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
78	Metal Loss	Int	112.64	125.1	18.28	21.04	39.32	60	Launcher Flange	112.64	AGM 1	153.97	42.000	0.375	0.375	35000		19	0.071					0.597	0.640	2:44	150	802	578	450	0.260	1.284	802	577							Pitting			
79	Metal Loss	Int	120.09	133.3	25.73	13.59	39.32	60	Launcher Flange	120.09	AGM 1	146.52	42.000	0.375	0.375	35000		25	0.094					0.455	0.785	9:20	150	803	578	450	0.260	1.284	802	577							Pitting			
80	Cluster	Int	121.06	134.4	26.71	12.61	39.32	60	Launcher Flange	121.06	AGM 1	145.54	42.000	0.375	0.375	35000		27	0.102					1.828	1.428	9:42	150	789	568	450	0.264	1.263	795	572						CLS C				
81	Metal Loss	Int	121.28	134.6	26.92	12.40	39.32	60	Launcher Flange	121.28	AGM 1	145.33	42.000	0.375	0.375	35000		46	0.172					0.600	0.639	9:04	150	800	576	450	0.260	1.280	799	575							Pitting			
82	Metal Loss	Int	122.00	135.4	27.64	11.68	39.32	60	Launcher Flange	122.00	AGM 1	144.61	42.000	0.375	0.375	35000		31	0.117					0.395	0.559	9:36	150	803	578	450	0.260	1.284	802	577							Pitting			
83	Metal Loss	Int	122.62	136.1	28.26	11.06	39.32	60	Launcher Flange	122.62	AGM 1	143.99	42.000	0.375	0.375	35000		24	0.091					0.335	0.526	9:27	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
84	Metal Loss	Int	123.19	136.8	28.83	10.49	39.32	60	Launcher Flange	123.19	AGM 1	143.42	42.000	0.375	0.375	35000		22	0.081					0.471	0.566	9:56	150	803	578	450	0.260	1.284	803	578							Pitting			
85	Metal Loss	Int	123.21	136.8	28.85	10.46	39.32	60	Launcher Flange	123.21	AGM 1	143.39	42.000	0.375	0.375	35000		16	0.059					0.496	0.599	9:23	150	803	578	450	0.260	1.285	803	578							Pitting			
86	Metal Loss	Int	123.46	137.1	29.10	10.22	39.32	60	Launcher Flange	123.46	AGM 1	143.15	42.000	0.375	0.375	35000		41	0.156					0.502	0.650	9:50	150	801	577	450	0.260	1.282	801	577							Pitting			
87	Cluster	Int	123.63	137.3	29.28	10.04	39.32	60	Launcher Flange	123.63	AGM 1	142.97	42.000	0.375	0.375	35000		35	0.130					0.587	3.064	9:32	150	801	577	450	0.260	1.282	801	577						CLS C				
88	Metal Loss	Int	125.04	138.8	30.69	8.63	39.32	60	Launcher Flange	125.04	AGM 1	141.56	42.000	0.375	0.375	35000		20	0.077					0.408	0.612	9:41	150	803	578	450	0.260	1.285	803	578							Pitting			
89	Metal Loss	Int	125.09	138.9	30.73	8.58	39.32	60	Launcher Flange	125.09	AGM 1	141.51	42.000	0.375	0.375	35000		17	0.064					0.315	0.532	5:56	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
90	Metal Loss	Int	127.11	141.1	32.75	6.57	39.32	60	Launcher Flange	127.11	AGM 1	139.50	42.000	0.375	0.375	35000		40	0.150					0.430	0.666	9:46	150	802	577	450	0.260	1.283	802	577							Pitting			
91	Metal Loss	Int	128.47	142.6	34.11	5.21	39.32	60	Launcher Flange	128.47	AGM 1	138.14	42.000	0.375	0.375	35000		22	0.083					0.687	0.652	7:26	150	802	577	450	0.260	1.283	801	577							Pitting			
92	Metal Loss	Int	128.66	142.8	34.30	5.02	39.32	60	Launcher Flange	128.66	AGM 1	137.95	42.000	0.375	0.375	35000		32	0.120					0.415	0.552	9:29	150	803	578	450	0.260	1.284	802	577							Pitting			
93	Metal Loss	Int	129.15	143.4	34.79	4.53	39.32	60	Launcher Flange	129.15	AGM 1	137.46	42.000	0.375	0.375	35000		29	0.109					0.904	0.653	2:33	150	799	576	450	0.260	1.279	798	575							Pitting			
94	Cluster	Int	129.47	143.7	35.12	4.20	39.32	60	Launcher Flange	129.47	AGM 1	137.13	42.000	0.375	0.375	35000		47	0.175					1.969	1.391	2:29	150	768	553	450	0.271	1.230	788	567						CLS C				
95	Metal Loss	Int	130.31	144.7	35.95	3.37	39.32	60	Launcher Flange	130.31	AGM 1	136.30	42.000	0.375	0.375	35000		40	0.150					0.942	0.758	8:40	150	797	574	450	0.261	1.274	795	572							Pitting			
96	Metal Loss	Int	130.43	144.8	36.07	3.25	39.32	60	Launcher Flange	130.43	AGM 1	136.18	42.000	0.375	0.375	35000		28	0.106					0.809	0.757	2:34	150	800	576	450	0.260	1.281	800	576							Pitting			
97	Metal Loss	Int	130.78	145.2	36.42	2.90	39.32	60	Launcher Flange	130.78	AGM 1	135.82	42.000	0.375	0.375	35000		32	0.122					0.899	0.697	9:22	150	799	575	450	0.261	1.278	798	575							Pitting			
98	Metal Loss	Int	131.26	145.7	36.90	2.42	39.32	60	Launcher Flange	131.26	AGM 1	135.35	42.000	0.375	0.375	35000		28	0.104					0.418	0.555	9:32	150	803	578	450	0.260	1.284	803	578							Pitting			
99	Metal Loss	Int	132.14	146.7	37.78	1.54	39.32	60	Launcher Flange	132.14	AGM 1	134.47	42.000	0.375	0.375	35000		24	0.089					0.905	0.604	2:27	150	800	576	450	0.260	1.281	800	576							Pitting			
100	Metal Loss	Int	132.31	146.9	37.95	1.37	39.32	60	Launcher Flange	132.31	AGM 1	134.30	42.000	0.375	0.375	35000		23	0.085					0.644	0.523	6:09	150	802	577	450	0.260	1.283	802	577							Pitting			
101	Metal Loss	Int	132.33	146.9	37.98	1.34	39.32	60	Launcher Flange	132.33	AGM 1	134.27	42.000	0.375	0.375	35000		24	0.089					0.923	0.659	2:43	150	800	576	450	0.260	1.280	799	575							Pitting			
102	Metal Loss	Int	133.01	147.7	38.65	0.67	39.32	60	Launcher Flange	133.01	AGM 1	133.59	42.000	0.375	0.375	35000		22	0.082					0.703	0.624	2:36	150	802	577	450	0.260	1.283	801	577							Pitting			
103	Metal Loss	Int	133.37	148.1	39.01	0.31	39.32	60	Launcher Flange	133.37	AGM 1	133.24	42.000	0.375	0.375	35000		20	0.076					0.658	0.568	2:24	150	802	578	450	0.260	1.283	802	577							Pitting			
104	Girth Weld		133.68	148.4	39.32	40.13	40.13	70	Launcher Flange	133.68	AGM 1	132.93	42.000	0.375	0.375	35000											150																	
105	Metal Loss	Int	134.08	148.9	0.40	39.73	40.13	70	Launcher Flange	134.08	AGM 1	132.53	42.000	0.375	0.375	35000		19	0.070					0.848	0.948	2:52	150	801	577	450	0.260	1.282	801	577							Pitting			
106	Metal Loss	Int	134.64	149.5	0.96	39.16	40.13	70	Launcher Flange	134.64	AGM 1	131.96	42.000	0.375	0.375	35000		21	0.077					0.691	0.822	2:51	150	802	577	450	0.260	1.283	802	577							Pitting			
107	Cluster	Int	134.91	149.8	1.23	38.90	40.13	70	Launcher Flange	134.91	AGM 1	131.70	42.000	0.375	0.375	35000		27	0.102					1.933	2.125	8:41	150	788	567	450	0.265	1.260	791	570						CLS C				
108	Metal Loss	Int	135.16	150.1	1.48	38.64	40.13	70	Launcher Flange	135.16	AGM 1	131.45	42.000	0.375	0.375	35000		21	0.077					1.421	0.826	1:51	150	797	574	450	0.261	1.275	796	573							Pitting			
109	Metal Loss	Int	135.51	150.5	1.83	38.30	40.13	70	Launcher Flange	135.51	AGM 1	131.10	42.000	0.375	0.375	35000		16	0.059					0.521	0.678	1:40	150	803	578	450	0.260	1.285	803	578							Pitting			
110	Metal Loss	Int	135.52	150.5	1.84	38.28	40.13	70	Launcher Flange	135.52	AGM 1	131.09	42.000	0.375	0.375	35000		27	0.101					0.731	0.651	2:49	150	801	577	450	0.260	1.282	800	576							Pitting			
111	Metal Loss	Int	136.84	151.9	3.17	36.96	40.13	70	Launcher Flange	136.84	AGM 1	129.76	42.000	0.375	0.375	35000		52	0.196					0.616	0.657	2:36	150	799	575	450	0.261	1.278	797	574							Pitting			
112	Metal Loss	Int	138.15	153.4	4.48	35.65	40.13	70	Launcher Flange	138.15	AGM 1	128.45	42.000	0.375	0.375	35000		38	0.143					0.976	0.769	2:30	150	797	573	450	0.262	1.274	795	572							Pitting			
113	Metal Loss	Int	138.34	153.6	4.66	35.47	40.13	70	Launcher Flange	138.34	AGM 1	128.27	42.000	0.375	0.375	35000		21	0.078					1.297	0.776	6:07	150	798	575	450	0.261	1.277	797	574							Pitting			
114	Metal Loss	Int	139.02	154.3	5.34	34.78	40.13	70	Launcher Flange	139.02	AGM 1	127.59	42.000	0.375	0.375	35000		18	0.067					0.892	0.678	2:44	150	801	577	450	0.260	1.282	801	577							Pitting			
115	Metal Loss	Int	139.20	154.5	5.52	34.61	40.13	70	Launcher Flange	139.20	AGM 1	127.41	42.000	0.375	0.375	35000		18	0.069					0.561	0.698	6:06	150	803	578	450	0.260	1.284	802	577							Pitting			
116	Metal Loss	Int	139.93	155.4	6.25	33.88	40.13	70	Launcher Flange	139.93	AGM 1	126.68	42.000	0.375	0.375	35000		17	0.064					0.562	0.751	2:39	150	803	578	450	0.260	1.284	803	578							Pitting			
117	Metal Loss	Int	140.77	156.3	7.09	33.03	40.13	70	Launcher Flange	140.77	AGM 1	125.84	42.000	0.375	0.375	35000		29	0.108					0.677	0.735	2:23	150	801	577	450	0.260	1.282	801	577							Pitting			
118	Metal Loss	Int	141.62	157.2	7.94	32.19	40.13	70	Launcher Flange	141.62	AGM 1	124.99	42.000	0.375	0.375	35000		18	0.066					1.017	0.603	2:15	150	801	577	450	0.260	1.281	800	576							Pitting			
119	Metal Loss	Int	142.14	157.8	8.46	31.67	40.13	70	Launcher Flange	142.14	AGM 1	124.47	42.000	0.375	0.375	35000		19	0.072					1.121	0.695	2:03	150	800	576	450	0.260	1.280	799	575							Pitting			
120	Metal Loss	Int	142.56	158.3	8.88	31.25	40.13	70	Launcher Flange	142.56	AGM 1	124.05	42.000	0.375	0.375	35000		26	0.099					0.631	0.788	1:51	150	802	577	450	0.260	1.283	801	577							Pitting			
121	Metal Object		145.00	161.0	11.33	28.80	40.13	70	Launcher Flange	145.00	AGM 1	121.60	42.000	0.375	0.375	35000								1.858	8.571	9:09	150													Close Metal Object				
122	Metal Loss	Int	145.42	161.5	11.75	28.38	40.13	70	Launcher Flange	145.42	AGM 1	121.18	42.000	0.375	0.375	35000		22	0.081					0.623	0.532	6:06	150	802	578	450	0.260	1.284	802	577							Pitting			
123	Metal Loss	Int	147.66	163.9	13.98	26.14	40.13	70	Launcher Flange	147.66	AGM 1	118.95	42.000	0.375	0.375	35000		24	0.090					1.049	0.846	5:49	150	799	575	450	0.261	1.279	798	575							Pitting			
124	Metal Loss	Int	147.78	164.1	14.10	26.03	40.13	70	Launcher Flange	147.78	AGM 1	118.83	42.000	0.375	0.375	35000		24	0.092					0.846	0.730	8:46	150	801	576	450	0.260	1.281	800	576							Pitting			
125	Metal Loss	Int	152.81	169.7	19.13	21.00	40.13	70	Launcher Flange	152.81	AGM 1	113.80	42.000	0.375	0.375	35000		17	0.064					0.559	0.782	7:01	150	803	578	450	0.260	1.284	803	578							Pitting			
126	Metal Loss	Int	158.48	176.0	24.81	15.32	40.13	70	Launcher Flange	158.48	AGM 1	108.12	42.000	0.375	0.375	35000		17	0.065					0.414	0.561	6:07	150	803	578	450	0.260	1.285	803	578							Pitting			
127	Metal Loss	Int	166.62	185.0	32.94	7.19	40.13	70	Launcher Flange	166.62	AGM 1	99.99	42.000	0.375	0.375	35000		20	0.074					0.497	0.566	6:15	150	803	578	450	0.260	1.284	803	578							Pitting			
128	Girth Weld		173.81	193.0	40.13	37.47	37.47	80	Launcher Flange	173.80	AGM 1	92.80	42.000	0.375	0.375	35000											150																	
129	Metal Loss	Int	174.18	193.4	0.38	37.09	37.47	80	Launcher Flange	174.18	AGM 1	92.42	42.000	0.375	0.375	35000		21	0.079					0.521	0.575	9:05	150	803	578	450	0.260	1.284	802	577							Pitting			
130	Metal Loss	Int	181.05	201.0	7.25	30.22	37.47	80	Launcher Flange	181.05	AGM 1	85.55	42.000	0.375	0.375	35000		16	0.059					0.625	0.584	1:11	150	803	578	450	0.260	1.284	802	577							Pitting			
131	Cluster	Int	182.47	202.6	8.67	28.80	37.47	80	Launcher Flange	182.47	AGM 1	84.14	42.000	0.375	0.375	35000		19	0.072					1.731	3.354	9:32	150	795	572	450	0.262	1.272	797	574						CLS C				
132	Metal Loss	Int	185.11	205.5	11.31	26.16	37.47	80	Launcher Flange	185.11	AGM 1	81.49	42.000	0.375	0.375	35000		16	0.060					0.388	0.553	5:53	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
133	Metal Loss	Int	191.76	212.9	17.95	19.52	37.47	80	Launcher Flange	191.76	AGM 1	74.85	42.000	0.375	0.375	35000		17	0.064					0.315	0.521	5:58	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
134	Metal Loss	Int	200.50	222.6	26.70	10.77	37.47	80	Launcher Flange	200.50	AGM 1	66.10	42.000	0.375	0.375	35000		16	0.061					0.584	0.741	5:56	150	803	578	450	0.260	1.284	803	578							Pitting			
135	Metal Loss	Int	204.30	226.8	30.49	6.98	37.47	80	Launcher Flange	204.30	AGM 1	62.31	42.000	0.375	0.375	35000		28	0.106					0.753	0.623	5:55	150	801	577	450	0.260	1.281	800	576							Pitting			
136	Metal Loss	Int	206.78	229.6	32.98	4.49	37.47	80	Launcher Flange	206.78	AGM 1	59.83	42.000	0.375	0.375	35000		23	0.088					0.535	0.578	5:53	150	802	578	450	0.260	1.284	802	577							Pitting			
137	Girth Weld		211.27	234.6	37.47	40.80	40.80	90	Launcher Flange	211.27	AGM 1	55.33	42.000	0.375	0.375	35000											150																	
138	Girth Weld		252.07	279.9	40.80	39.89	39.89	100	Launcher Flange	252.07	AGM 1	14.54	42.000	0.375	0.375	35000											150																	
139	Metal Loss	Int	261.77	290.6	9.70	30.19	39.89	100	Launcher Flange	261.77	AGM 1	4.84	42.000	0.375	0.375	35000		16	0.061					0.352	0.538	5:33	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
140	Metal Loss	Int	265.21	294.5	13.14	26.75	39.89	100	Launcher Flange	265.21	AGM 1	1.39	42.000	0.375	0.375	35000		21	0.079					0.360	0.550	5:27	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
141	Above Ground Marker		266.61	296.0	14.54	25.35	39.89	100	Launcher Flange	266.61	AGM 2	898.78	42.000	0.375	0.375	35000											150													AGM # 1 Sta 2+96				
142	Girth Weld		291.96	321.2	39.89	40.49	40.49	110	AGM 1	25.35	AGM 2	873.43	42.000	0.375	0.375	35000											150																	
143	Metal Loss	Int	298.80	328.1	6.84	33.65	40.49	110	AGM 1	32.19	AGM 2	866.58	42.000	0.375	0.375	35000		17	0.063					0.319	0.537	6:10	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
144	Metal Loss	Int	300.26	329.5	8.31	32.18	40.49	110	AGM 1	33.66	AGM 2	865.12	42.000	0.375	0.375	35000		17	0.062					1.113	0.709	5:57	150	800	576	450	0.260	1.281	800	576							Pitting			
145	Metal Loss	Int	305.88	335.1	13.92	26.57	40.49	110	AGM 1	39.27	AGM 2	859.51	42.000	0.375	0.375	35000		16	0.060					0.870	0.735	6:20	150	802	577	450	0.260	1.283	801	577							Pitting			
146	Metal Loss	Int	308.93	338.1	16.97	23.52	40.49	110	AGM 1	42.32	AGM 2	856.46	42.000	0.375	0.375	35000		15	0.058					0.397	0.547	5:54	150	803	578	450	0.260	1.285	803	578							Pitting			
147	Metal Loss	Int	312.67	341.9	20.71	19.78	40.49	110	AGM 1	46.06	AGM 2	852.72	42.000	0.375	0.375	35000		19	0.070					1.069	0.658	6:06	150	800	576	450	0.260	1.280	800	576							Pitting			
148	Metal Loss	Int	312.85	342.1	20.90	19.59	40.49	110	AGM 1	46.25	AGM 2	852.53	42.000	0.375	0.375	35000		21	0.080					1.052	0.988	5:58	150	800	576	450	0.260	1.280	799	575							Pitting			
149	Metal Loss	Int	313.39	342.6	21.43	19.06	40.49	110	AGM 1	46.78	AGM 2	852.00	42.000	0.375	0.375	35000		29	0.110					1.011	1.006	5:51	150	798	575	450	0.261	1.277	797	574							Pitting			
150	Metal Loss	Int	314.66	343.9	22.70	17.79	40.49	110	AGM 1	48.05	AGM 2	850.73	42.000	0.375	0.375	35000		33	0.122					0.537	0.577	6:12	150	802	577	450	0.260	1.283	801	577							Pitting			
151	Metal Loss	Int	318.39	347.6	26.43	14.06	40.49	110	AGM 1	51.78	AGM 2	847.00	42.000	0.375	0.375	35000		18	0.068					0.507	0.606	6:04	150	803	578	450	0.260	1.285	803	578							Pitting			
152	Metal Loss	Int	321.24	350.4	29.28	11.21	40.49	110	AGM 1	54.63	AGM 2	844.15	42.000	0.375	0.375	35000		26	0.097					0.561	0.605	6:01	150	802	578	450	0.260	1.283	802	577							Pitting			
153	Metal Loss	Int	322.09	351.2	30.13	10.36	40.49	110	AGM 1	55.48	AGM 2	843.29	42.000	0.375	0.375	35000		16	0.059					0.691	0.732	6:06	150	802	578	450	0.260	1.284	802	577							Pitting			
154	Metal Loss	Int	324.39	353.5	32.43	8.06	40.49	110	AGM 1	57.78	AGM 2	841.00	42.000	0.375	0.375	35000		15	0.058					0.607	0.619	7:04	150	803	578	450	0.260	1.284	803	578							Pitting			
155	Metal Loss	Int	324.85	354.0	32.89	7.60	40.49	110	AGM 1	58.24	AGM 2	840.54	42.000	0.375	0.375	35000		35	0.129					1.386	1.055	5:50	150	792	570	450	0.263	1.267	789	568							Pitting			
156	Metal Loss	Int	331.53	360.7	39.57	0.91	40.49	110	AGM 1	64.93	AGM 2	833.85	42.000	0.375	0.375	35000		18	0.069					0.465	0.623	5:46	150	803	578	450	0.260	1.285	803	578							Pitting			
157	Girth Weld		332.45	361.6	40.49	40.30	40.30	120	AGM 1	65.84	AGM 2	832.94	42.000	0.375	0.375	35000											150																	
158	Metal Loss	Int	347.55	376.6	15.10	25.19	40.30	120	AGM 1	80.94	AGM 2	817.83	42.000	0.375	0.375	35000		17	0.064					0.524	0.578	6:01	150	803	578	450	0.260	1.285	803	578							Pitting			
159	Metal Loss	Int	357.78	386.8	25.34	14.96	40.30	120	AGM 1	91.18	AGM 2	807.60	42.000	0.375	0.375	35000		17	0.063					0.579	0.670	6:12	150	803	578	450	0.260	1.284	803	578							Pitting			
160	Metal Loss	Int	359.22	388.2	26.77	13.52	40.30	120	AGM 1	92.61	AGM 2	806.16	42.000	0.375	0.375	35000		19	0.070					0.534	0.614	6:03	150	803	578	450	0.260	1.284	803	578							Pitting			
161	Girth Weld		372.74	401.7	40.30	40.40	40.40	130	AGM 1	106.14	AGM 2	792.64	42.000	0.375	0.375	35000											150																	
162	Metal Loss	Int	374.47	403.4	1.72	38.68	40.40	130	AGM 1	107.86	AGM 2	790.92	42.000	0.375	0.375	35000		21	0.080					0.649	0.670	5:47	150	802	578	450	0.260	1.283	802	577							Pitting			
163	Metal Loss	Int	381.59	410.5	8.84	31.56	40.40	130	AGM 1	114.98	AGM 2	783.80	42.000	0.375	0.375	35000		27	0.102					0.770	0.902	5:50	150	801	577	450	0.260	1.281	800	576							Pitting			
164	Metal Loss	Int	386.56	415.5	13.82	26.58	40.40	130	AGM 1	119.96	AGM 2	778.82	42.000	0.375	0.375	35000		27	0.101					0.370	0.539	6:08	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
165	Metal Loss	Int	387.23	416.1	14.49	25.91	40.40	130	AGM 1	120.62	AGM 2	778.15	42.000	0.375	0.375	35000		17	0.064					0.315	0.505	5:59	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
166	Metal Loss	Int	387.58	416.5	14.83	25.57	40.40	130	AGM 1	120.97	AGM 2	777.81	42.000	0.375	0.375	35000		18	0.068					0.578	0.607	6:17	150	803	578	450	0.260	1.284	802	577							Pitting			
167	Metal Loss	Int	387.78	416.7	15.04	25.36	40.40	130	AGM 1	121.18	AGM 2	777.60	42.000	0.375	0.375	35000		27	0.101					0.496	0.568	5:49	150	802	578	450	0.260	1.284	802	577							Pitting			
168	Metal Loss	Int	388.03	416.9	15.29	25.12	40.40	130	AGM 1	121.42	AGM 2	777.36	42.000	0.375	0.375	35000		15	0.056					0.315	0.517	5:53	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
169	Metal Loss	Int	388.33	417.2	15.58	24.82	40.40	130	AGM 1	121.72	AGM 2	777.06	42.000	0.375	0.375	35000		19	0.070					0.433	0.570	5:54	150	803	578	450	0.260	1.285	803	578							Pitting			

Reported Feature Reference													Pipe Specification					Reported Feature Dimensions									Calculated Values								Classification		XYZ Information							
									Upstream (U/S) Reference		Downstream (D/S) Reference																	Modified B31.G		Design	FRF	RPR	Effective Area				NAD 83		NAVD 88					
Feature Number (sequential order)	Pipeline Feature	INT/ EXT (ID/OD)	Odometer	Station Number	Distance to U/S weld	Distance to D/S weld	Joint Length	Defect Joint Number	Name	Distance from:	Name	Distance to:	Diameter	Nominal Wall Thickness	Measured Wall Thickness	Pipe Grade (SMYS)	Long Seam Orientation	Metal Loss Depth	Metal Loss Depth	Deformation on Depth	Deformation on Depth	Crack Depth	Crack Depth	Length	Width	Orientation	MOP	Modified B31.G P_{BURST}	Modified B31.G P_{SAFE}	Pressure (72% SMYS)	MOP / P_{SAFE}	P_{BURST} / 100% SMYS	P_{BURST}	P_{SAFE}	Group Number	Group Category	Latitude	Longitude	Elevation	Comments	POF classification	Excavation/ Repair Required	SPLC Notes	Tool Type/ Technology
			(feet)	(feet)	(feet)	(feet)	(feet)			(feet)		(feet)	(inch)	(inch)	(inch)	(psi)		(%)	(inch)	(%)	(inch)	(%)	(inch)	(inch)	(inch)	(O'clock)	(psi)	(psi)	(psi)	(psi)			(psi)	(psi)					(feet)			Target/Yes/AGM		
170	Metal Loss	Int	388.95	417.8	16.21	24.19	40.40	130	AGM 1	122.35	AGM 2	776.43	42.000	0.375	0.375	35000		18	0.069					0.470	0.607	5:52	150	803	578	450	0.260	1.285	803	578							Pitting			
171	Metal Loss	Int	389.63	418.5	16.89	23.51	40.40	130	AGM 1	123.02	AGM 2	775.75	42.000	0.375	0.375	35000		22	0.084					0.315	0.528	6:12	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
172	Metal Loss	Int	390.08	419.0	17.34	23.06	40.40	130	AGM 1	123.48	AGM 2	775.30	42.000	0.375	0.375	35000		24	0.090					0.434	0.557	5:52	150	803	578	450	0.260	1.284	803	578							Pitting			
173	Cluster	Int	390.84	419.7	18.09	22.31	40.40	130	AGM 1	124.23	AGM 2	774.55	42.000	0.375	0.375	35000		19	0.072					1.394	2.740	5:59	150	798	574	450	0.261	1.277	801	577						CLS C				
174	Metal Loss	Int	393.87	422.7	21.13	19.27	40.40	130	AGM 1	127.27	AGM 2	771.51	42.000	0.375	0.375	35000		16	0.058					0.541	0.682	6:05	150	803	578	450	0.260	1.285	803	578							Pitting			
175	Metal Loss	Int	398.70	427.5	25.96	14.45	40.40	130	AGM 1	132.09	AGM 2	766.69	42.000	0.375	0.375	35000		29	0.109					0.579	0.798	6:06	150	802	577	450	0.260	1.283	801	577							Pitting			
176	Metal Loss	Int	403.69	432.5	30.95	9.45	40.40	130	AGM 1	137.09	AGM 2	761.69	42.000	0.375	0.375	35000		17	0.064					0.514	0.805	6:12	150	803	578	450	0.260	1.285	803	578							Pitting			
177	Metal Loss	Int	406.88	435.7	34.14	6.26	40.40	130	AGM 1	140.28	AGM 2	758.50	42.000	0.375	0.375	35000		27	0.100					0.378	0.537	6:09	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
178	Metal Loss	Int	409.86	438.7	37.12	3.28	40.40	130	AGM 1	143.26	AGM 2	755.52	42.000	0.375	0.375	35000		32	0.122					0.619	0.690	5:55	150	801	577	450	0.260	1.282	801	577							Pitting			
179	Girth Weld		413.14	441.9	40.40	40.78	40.78	140	AGM 1	146.54	AGM 2	752.24	42.000	0.375	0.375	35000											150																	
180	Metal Loss	Int	414.37	443.1	1.23	39.55	40.78	140	AGM 1	147.77	AGM 2	751.01	42.000	0.375	0.375	35000		21	0.079					0.778	0.574	6:05	150	801	577	450	0.260	1.282	801	577							Pitting			
181	Metal Loss	Int	417.20	446.0	4.05	36.73	40.78	140	AGM 1	150.59	AGM 2	748.18	42.000	0.375	0.375	35000		26	0.098					0.424	0.546	6:13	150	803	578	450	0.260	1.284	803	578							Pitting			
182	Metal Loss	Int	429.31	458.0	16.17	24.61	40.78	140	AGM 1	162.71	AGM 2	736.07	42.000	0.375	0.375	35000		33	0.125					0.393	0.547	5:53	150	803	578	450	0.260	1.284	802	577							Circumferential Slotting			
183	Metal Loss	Int	429.58	458.3	16.44	24.34	40.78	140	AGM 1	162.97	AGM 2	735.80	42.000	0.375	0.375	35000		16	0.061					0.496	0.573	6:01	150	803	578	450	0.260	1.285	803	578							Pitting			
184	Metal Loss	Int	434.63	463.3	21.49	19.29	40.78	140	AGM 1	168.03	AGM 2	730.75	42.000	0.375	0.375	35000		15	0.056					0.371	0.553	6:15	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
185	Metal Loss	Int	436.12	464.8	22.98	17.80	40.78	140	AGM 1	169.52	AGM 2	729.26	42.000	0.375	0.375	35000		29	0.110					0.665	0.631	6:13	150	801	577	450	0.260	1.282	801	577							Pitting			
186	Metal Loss	Int	442.13	470.8	28.98	11.80	40.78	140	AGM 1	175.52	AGM 2	723.26	42.000	0.375	0.375	35000		17	0.065					0.370	0.541	6:09	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
187	Metal Loss	Int	443.64	472.3	30.50	10.28	40.78	140	AGM 1	177.04	AGM 2	721.74	42.000	0.375	0.375	35000		22	0.081					0.800	0.508	6:07	150	801	577	450	0.260	1.282	801	577							Pitting			
188	Girth Weld		453.93	482.5	40.78	40.19	40.19	150	AGM 1	187.32	AGM 2	711.46	42.000	0.375	0.375	35000											150																	
189	Metal Loss	Int	457.84	486.4	3.91	36.28	40.19	150	AGM 1	191.23	AGM 2	707.54	42.000	0.375	0.375	35000		19	0.071					0.315	0.533	6:09	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
190	Metal Loss	Int	460.90	489.5	6.97	33.22	40.19	150	AGM 1	194.29	AGM 2	704.49	42.000	0.375	0.375	35000		23	0.085					0.432	0.553	6:12	150	803	578	450	0.260	1.285	803	578							Pitting			
191	Metal Loss	Int	461.28	489.9	7.35	32.84	40.19	150	AGM 1	194.67	AGM 2	704.10	42.000	0.375	0.375	35000		20	0.074					0.499	0.540	6:13	150	803	578	450	0.260	1.284	803	578							Pitting			
192	Cluster	Int	464.00	492.6	10.07	30.12	40.19	150	AGM 1	197.39	AGM 2	701.39	42.000	0.375	0.375	35000		32	0.120					0.660	1.354	6:09	150	801	577	450	0.260	1.282	801	577						CLS C				
193	Metal Loss	Int	464.24	492.8	10.31	29.88	40.19	150	AGM 1	197.63	AGM 2	701.14	42.000	0.375	0.375	35000		22	0.081					0.441	0.573	5:53	150	803	578	450	0.260	1.285	803	578							Pitting			
194	Metal Loss	Int	467.41	496.0	13.48	26.71	40.19	150	AGM 1	200.80	AGM 2	697.98	42.000	0.375	0.375	35000		37	0.138					0.540	0.537	6:16	150	801	577	450	0.260	1.282	801	577							Pitting			
195	Metal Loss	Int	472.23	500.8	18.30	21.89	40.19	150	AGM 1	205.62	AGM 2	693.16	42.000	0.375	0.375	35000		18	0.069					0.517	0.576	6:04	150	803	578	450	0.260	1.284	803	578							Pitting			
196	Metal Loss	Int	476.38	504.9	22.45	17.74	40.19	150	AGM 1	209.77	AGM 2	689.01	42.000	0.375	0.375	35000		22	0.082					0.611	0.682	6:05	150	802	578	450	0.260	1.284	802	577							Pitting			
197	Metal Loss	Int	487.13	515.6	33.21	6.98	40.19	150	AGM 1	220.53	AGM 2	678.25	42.000	0.375	0.375	35000		27	0.101					0.486	0.542	5:55	150	802	578	450	0.260	1.284	802	577							Pitting			
198	Girth Weld		494.12	522.6	40.19	40.73	40.73	160	AGM 1	227.51	AGM 2	671.27	42.000	0.375	0.375	35000											150																	
199	Metal Loss	Int	495.50	523.9	1.38	39.35	40.73	160	AGM 1	228.90	AGM 2	669.88	42.000	0.375	0.375	35000		16	0.059					0.971	1.231	6:07	150	801	577	450	0.260	1.282	801	577							Pitting			
200	Metal Loss	Int	495.75	524.2	1.63	39.10	40.73	160	AGM 1	229.14	AGM 2	669.64	42.000	0.375	0.375	35000		21	0.079					0.691	0.838	6:04	150	802	577	450	0.260	1.283	802	577							Pitting			
201	Metal Loss	Int	503.82	532.2	9.70	31.03	40.73	160	AGM 1	237.21	AGM 2	661.57	42.000	0.375	0.375	35000		30	0.114					0.598	0.625	6:01	150	802	577	450	0.260	1.283	801	577							Pitting			
202	Metal Loss	Int	504.21	532.6	10.09	30.64	40.73	160	AGM 1	237.61	AGM 2	661.17	42.000	0.375	0.375	35000		33	0.124					0.515	0.572	5:52	150	802	577	450	0.260	1.283	801	577							Pitting			
203	Metal Loss	Int	505.94	534.3	11.82	28.91	40.73	160	AGM 1	239.34	AGM 2	659.44	42.000	0.375	0.375	35000		22	0.084					0.551	0.579	6:07	150	802	578	450	0.260	1.284	802	577							Pitting			
204	Girth Weld		534.85	563.1	40.73	38.63	38.63	170	AGM 1	268.24	AGM 2	630.53	42.000	0.375	0.375	35000											150																	
205	Girth Weld		573.48	601.6	38.63	40.16	40.16	180	AGM 1	306.88	AGM 2	591.90	42.000	0.375	0.375	35000											150																	
206	Metal Loss	Int	573.72	601.8	0.24	39.92	40.16	180	AGM 1	307.11	AGM 2	591.66	42.000	0.375	0.375	35000		21	0.079					0.315	0.508	6:16	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
207	Girth Weld		613.64	641.6	40.16	39.97	39.97	190	AGM 1	347.04	AGM 2	551.74	42.000	0.375	0.375	35000											150																	
208	Metal Loss	Int	624.02	651.9	10.38	29.60	39.97	190	AGM 1	357.41	AGM 2	541.36	42.000	0.375	0.375	35000		32	0.119					0.315	0.544	4:00	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
209	Metal Loss	Int	625.28	653.2	11.64	28.34	39.97	190	AGM 1	358.67	AGM 2	540.10	42.000	0.375	0.375	35000		18	0.066					0.315	0.589	3:52	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
210	Metal Loss	Int	626.89	654.8	13.25	26.73	39.97	190	AGM 1	360.28	AGM 2	538.49	42.000	0.375	0.375	35000		25	0.095					0.400	0.545	5:15	150	803	578	450	0.260	1.285	803	578							Pitting			
211	Metal Loss	Int	627.23	655.1	13.58	26.39	39.97	190	AGM 1	360.62	AGM 2	538.16	42.000	0.375	0.375	35000		25	0.093					0.571	0.573	3:58	150	802	578	450	0.260	1.284	802	577							Pitting			
212	Metal Loss	Int	637.47	665.3	23.82	16.15	39.97	190	AGM 1	370.86	AGM 2	527.92	42.000	0.375	0.375	35000		21	0.078					0.442	0.629	5:47	150	803	578	450	0.260	1.285	803	578							Pitting			
213	Metal Loss	Int	641.21	669.0	27.57	12.41	39.97	190	AGM 1	374.61	AGM 2	524.17	42.000	0.375	0.375	35000		28	0.104					0.527	0.573	6:18	150	802	578	450	0.260	1.284	802	577							Pitting			
214	Metal Loss	Int	644.51	672.3	30.86	9.11	39.97	190	AGM 1	377.90	AGM 2	520.88	42.000	0.375	0.375	35000		33	0.123					0.767	0.632	6:22	150	800	576	450	0.260	1.280	799	575							Pitting			
215	Cluster	Int	644.67	672.5	31.02	8.95	39.97	190	AGM 1	378.06	AGM 2	520.72	42.000	0.375	0.375	35000		38	0.144					1.200	3.559	5:53	150	793	571	450	0.263	1.269	794	572						CLS C				
216	Cluster	Int	647.23	675.0	33.59	6.38	39.97	190	AGM 1	380.63	AGM 2	518.15	42.000	0.375	0.375	35000		20	0.076					1.468	3.592	6:07	150	797	574	450	0.261	1.275	796	573						CLS C				
217	Metal Loss	Int	647.86	675.7	34.22	5.75	39.97	190	AGM 1	381.26	AGM 2	517.52	42.000	0.375	0.375	35000		32	0.121					0.993	1.200	6:21	150	798	574	450	0.261	1.276	796	573							Pitting			
218	Metal Loss	Int	649.75	677.5	36.11	3.87	39.97	190	AGM 1	383.14	AGM 2	515.63	42.000	0.375	0.375	35000		23	0.085					1.292	0.648	5:07	150	798	574	450	0.261	1.276	796	573							Pitting			
219	Metal Loss	Int	649.92	677.7	36.28	3.69	39.97	190	AGM 1	383.32	AGM 2	515.46	42.000	0.375	0.375	35000		37	0.138					0.975	0.911	6:11	150	797	574	450	0.261	1.275	795	572							Pitting			
220	Girth Weld		653.62	681.4	39.97	40.73	40.73	200	AGM 1	387.01	AGM 2	511.77	42.000	0.375	0.375	35000											150																	
221	Metal Loss	Int	655.24	683.0	1.62	39.11	40.73	200	AGM 1	388.63	AGM 2	510.15	42.000	0.375	0.375	35000		24	0.091					0.877	0.721	6:02	150	800	576	450	0.260	1.281	800	576							Pitting			
222	Metal Loss	Int	655.78	683.5	2.16	38.56	40.73	200	AGM 1	389.18	AGM 2	509.60	42.000	0.375	0.375	35000		29	0.107					1.404	1.133	6:05	150	794	572	450	0.262	1.271	792	570							Pitting			
223	Metal Loss	Int	657.08	684.8	3.46	37.26	40.73	200	AGM 1	390.48	AGM 2	508.30	42.000	0.375	0.375	35000		31	0.116					1.175	0.585	5:18	150	796	573	450	0.262	1.274	794	572							Axial Grooving			
224	Metal Loss	Int	657.67	685.4	4.06	36.67	40.73	200	AGM 1	391.07	AGM 2	507.71	42.000	0.375	0.375	35000		36	0.135					1.137	1.086	5:50	150	795	572	450	0.262	1.272	792	570							Pitting			
225	Metal Object		658.44	686.2	4.82	35.91	40.73	200	AGM 1	391.83	AGM 2	506.95	42.000	0.375	0.375	35000								5.631	13.238	11:40	150													Close Metal Object				
226	Metal Loss	Int	659.10	686.8	5.48	35.24	40.73	200	AGM 1	392.49	AGM 2	506.28	42.000	0.375	0.375	35000		16	0.060					0.855	0.762	5:46	150	802	577	450	0.260	1.283	801	577							Pitting			
227	Metal Loss	Int	660.06	687.8	6.44	34.29	40.73	200	AGM 1	393.45	AGM 2	505.32	42.000	0.375	0.375	35000		24	0.089					0.756	0.855	6:04	150	801	577	450	0.260	1.282	801	577							Pitting			
228	Metal Loss	Int	660.55	688.3	6.93	33.80	40.73	200	AGM 1	393.94	AGM 2	504.84	42.000	0.375	0.375	35000		22	0.082					0.630	0.575	6:26	150	802	578	450	0.260	1.283	802	577							Pitting			
229	Metal Loss	Int	660.60	688.3	6.99	33.74	40.73	200	AGM 1	394.00	AGM 2	504.78	42.000	0.375	0.375	35000		17	0.062					0.450	0.563	5:50	150	803	578	450	0.260	1.285	803	578							Pitting			
230	Metal Loss	Int	660.79	688.5	7.17	33.56	40.73	200	AGM 1	394.18	AGM 2	504.60	42.000	0.375	0.375	35000		21	0.080					0.727	0.621	5:22	150	802	577	450	0.260	1.283	801	577							Pitting			
231	Metal Loss	Int	662.28	690.0	8.67	32.06	40.73	200	AGM 1	395.68	AGM 2	503.10	42.000	0.375	0.375	35000		31	0.117					1.002	0.863	5:58	150	798	575	450	0.261	1.277	797	574							Pitting			
232	Metal Loss	Int	662.81	690.5	9.20	31.53	40.73	200	AGM 1	396.21	AGM 2	502.57	42.000	0.375	0.375	35000		26	0.099					1.438	0.903	5:53	150	795	572	450	0.262	1.271	793	571							Pitting			
233	Metal Loss	Int	662.99	690.7	9.37	31.35	40.73	200	AGM 1	396.39	AGM 2	502.39	42.000	0.375	0.375	35000		29	0.110					0.764	0.697	5:30	150	801	576	450	0.260	1.281	800	576							Pitting			
234	Cluster	Int	663.31	691.0	9.69	31.03	40.73	200	AGM 1	396.71	AGM 2	502.07	42.000	0.375	0.375	35000		33	0.125					2.490	1.488	6:00	150	772	556	450	0.270	1.235	786	566						CLS C				
235	Metal Loss	Int	663.69	691.4	10.07	30.65	40.73	200	AGM 1	397.08	AGM 2	501.69	42.000	0.375	0.375	35000		29	0.108					0.586	0.587	6:42	150	802	577	450	0.260	1.283	801	577							Pitting			
236	Metal Loss	Int	664.27	692.0	10.65	30.08	40.73	200	AGM 1	397.66	AGM 2	501.11	42.000	0.375	0.375	35000		19	0.073					0.826	0.615	4:51	150	801	577	450	0.260	1.282	801	577							Pitting			
237	Metal Loss	Int	664.33	692.1	10.71	30.01	40.73	200	AGM 1	397.73	AGM 2	501.05	42.000	0.375	0.375	35000		17	0.063					0.712	0.912	6:01	150	802	578	450	0.260	1.284	802	577							Pitting			
238	Metal Loss	Int	664.53	692.3	10.91	29.82	40.73	200	AGM 1	397.92	AGM 2	500.85	42.000	0.375	0.375	35000		27	0.101					0.983	1.316	5:58	150	799	575	450	0.261	1.279	798	575							Pitting			
239	Metal Loss	Int	665.23	692.9	11.61	29.12	40.73	200	AGM 1	398.62	AGM 2	500.16	42.000	0.375	0.375	35000		24	0.089					0.546	0.537	3:40	150	802	578	450	0.260	1.284	802	577							Pitting			
240	Metal Loss	Int	665.82	693.5	12.20	28.52	40.73	200	AGM 1	399.22	AGM 2	499.56	42.000	0.375	0.375	35000		25	0.093					1.104	1.607	5:56	150	799	575	450	0.261	1.278	797	574							Pitting			
241	Metal Loss	Int	666.05	693.8	12.43	28.30	40.73	200	AGM 1	399.44	AGM 2	499.34	42.000	0.375	0.375	35000		16	0.060					0.650	0.971	6:09	150	803	578	450	0.260	1.284	802	577							Pitting			
242	Metal Loss	Int	666.49	694.2	12.87	27.85	40.73	200	AGM 1	399.89	AGM 2	498.89	42.000	0.375	0.375	35000		21	0.078					0.873	0.775	5:54	150	801	577	450	0.260	1.282	800	576							Pitting			
243	Metal Loss	Int	666.69	694.4	13.07	27.65	40.73	200	AGM 1	400.09	AGM 2	498.69	42.000	0.375	0.375	35000		38	0.141					1.264	1.174	6:00	150	792	570	450	0.263	1.268	789	568							Pitting			
244	Metal Loss	Int	666.95	694.7	13.33	27.40	40.73	200	AGM 1	400.34	AGM 2	498.43	42.000	0.375	0.375	35000		44	0.165					0.845	0.674	5:59	150	797	574	450	0.261	1.275	795	572							Pitting			
245	Metal Loss	Int	667.60	695.3	13.98	26.75	40.73	200	AGM 1	400.99	AGM 2	497.79	42.000	0.375	0.375	35000		39	0.147					1.158	1.011	5:58	150	793	571	450	0.263	1.269	790	569							Pitting			
246	Cluster	Int	667.88	695.6	14.26	26.47	40.73	200	AGM 1	401.27	AGM 2	497.51	42.000	0.375	0.375	35000		19	0.070					0.786	3.223	5:50	150	802	577	450	0.260	1.283	801	577						CLS C				
247	Metal Loss	Int	668.05	695.8	14.43	26.30	40.73	200	AGM 1	401.44	AGM 2	497.33	42.000	0.375	0.375	35000		17	0.062					1.292	1.568	5:58	150	799	576	450	0.260	1.279	799	575							General Metal-loss			
248	Metal Loss	Int	668.95	696.7	15.33	25.40	40.73	200	AGM 1	402.34	AGM 2	496.44	42.000	0.375	0.375	35000		18	0.069					0.600	0.627	5:56	150	803	578	450	0.260	1.284	802	577							Pitting			
249	Metal Loss	Int	669.13	696.8	15.51	25.22	40.73	200	AGM 1	402.52	AGM 2	496.26	42.000	0.375	0.375	35000		21	0.079					0.607	0.699	6:34	150	802	578	450	0.260	1.284	802	577							Pitting			
250	Metal Loss	Int	669.35	697.1	15.73	25.00	40.73	200	AGM 1	402.74	AGM 2	496.03	42.000	0.375	0.375	35000		27	0.101					1.158	0.748	5:54	150	797	574	450	0.261	1.276	796	573							Pitting			
251	Metal Loss	Int	669.47	697.2	15.86	24.87	40.73	200	AGM 1	402.87	AGM 2	495.91	42.000	0.375	0.375	35000		39	0.147					1.457	1.312	6:12	150	788	567	450	0.265	1.261	784	564							General Metal-loss			
252	Metal Loss	Int	669.55	697.2	15.93	24.80	40.73	200	AGM 1	402.94	AGM 2	495.84	42.000	0.375	0.375	35000		35	0.130					1.208	1.198	5:44	150	794	572	450	0.262	1.271	792	570							General Metal-loss			
253	Metal Loss	Int	669.74	697.4	16.12	24.60	40.73	200	AGM 1	403.14	AGM 2	495.64	42.000	0.375	0.375	35000		28	0.104					0.914	0.680	6:16	150	800	576	450	0.260	1.279	799	575							Pitting			
254	Metal Loss	Int	670.42	698.1	16.80	23.92	40.73	200	AGM 1	403.82	AGM 2	494.96	42.000	0.375	0.375	35000		50	0.187					1.349	0.952	5:59	150	784	564	450	0.266	1.254	777	559							Pitting			
255	Metal Loss	Int	670.98	698.7	17.36	23.37	40.73	200	AGM 1	404.37	AGM 2	494.41	42.000	0.375	0.375	35000		21	0.080					0.902	0.753	6:33	150	801	577	450	0.260	1.281	800	576							Pitting			
256	Metal Loss	Int	671.51	699.2	17.89	22.84	40.73	200	AGM 1	404.90	AGM 2	493.88	42.000	0.375	0.375	35000		30	0.111					1.388	1.370	5:59	150	794	572	450	0.262	1.270	791	570							General Metal-loss			
257	Metal Loss	Int	671.84	699.5	18.23	22.50	40.73	200	AGM 1	405.24	AGM 2	493.54	42.000	0.375	0.375	35000		26	0.097					1.615	2.268	6:14	150	793	571	450	0.263	1.269	790	569							General Metal-loss			
258	Metal Loss	Int	672.60	700.3	18.98	21.75	40.73	200	AGM 1	405.99	AGM 2	492.79	42.000	0.375	0.375	35000		39	0.147					1.126	0.799	5:58	150	794	572	450	0.262	1.270	791	570							Pitting			
259	Metal Loss	Int	672.82	700.5	19.20	21.52	40.73	200	AGM 1	406.22	AGM 2	492.56	42.000	0.375	0.375	35000		18	0.069					0.373	0.664	5:19	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
260	Metal Loss	Int	673.01	700.7	19.39	21.33	40.73	200	AGM 1	406.41	AGM 2	492.37	42.000	0.375	0.375	35000		17	0.065					1.037	0.670	5:21	150	801	577	450	0.260	1.281	800	576							Pitting			
261	Metal Loss	Int	673.97	701.7	20.36	20.37	40.73	200	AGM 1	407.37	AGM 2	491.41	42.000	0.375	0.375	35000		17	0.064					0.930	0.626	5:23	150	801	577	450	0.260	1.282	801	577							Pitting			
262	Metal Loss	Int	674.19	701.9	20.57	20.16	40.73	200	AGM 1	407.58	AGM 2	491.20	42.000	0.375	0.375	35000		21	0.079					0.418	0.555	6:06	150	803	578	450	0.260	1.285	803	578							Pitting			
263	Metal Loss	Int	674.21	701.9	20.59	20.14	40.73	200	AGM 1	407.60	AGM 2	491.18	42.000	0.375	0.375	35000		23	0.087					0.896	1.089	5:36	150	801	576	450	0.260	1.281	800	576							Pitting			
264	Metal Loss	Int	674.35	702.0	20.73	20.00	40.73	200	AGM 1	407.74	AGM 2	491.04	42.000	0.375	0.375	35000		19	0.070					1.413	1.394	6:01	150	798	575	450	0.261	1.277	797	574							General Metal-loss			
265	Metal Loss	Int	674.84	702.5	21.22	19.51	40.73	200	AGM 1	408.23	AGM 2	490.54	42.000	0.375	0.375	35000		17	0.063					0.781	0.671	5:52	150	802	577	450	0.260	1.283	802	577							Pitting			
266	Metal Loss	Int	675.49	703.2	21.87	18.86	40.73	200	AGM 1	408.88	AGM 2	489.90	42.000	0.375	0.375	35000		29	0.107					0.429	0.549	4:01	150	803	578	450	0.260	1.284	802	577							Pitting			
267	Metal Loss	Int	677.82	705.5	24.20	16.53	40.73	200	AGM 1	411.21	AGM 2	487.57	42.000	0.375	0.375	35000		50	0.189					1.073	0.955	6:03	150	790	569	450	0.264	1.265	786	566							Pitting			
268	Metal Loss	Int	678.87	706.5	25.25	15.47	40.73	200	AGM 1	412.27	AGM 2	486.51	42.000	0.375	0.375	35000		26	0.097					1.126	1.124	6:02	150	798	575	450	0.261	1.277	797	574							Pitting			
269	Metal Loss	Int	679.66	707.3	26.04	14.69	40.73	200	AGM 1	413.05	AGM 2	485.73	42.000	0.375	0.375	35000		58	0.217					1.323	0.657	6:06	150	779	561	450	0.267	1.246	769	554							Axial Grooving			
270	Metal Loss	Int	680.09	707.7	26.47	14.26	40.73	200	AGM 1	413.48	AGM 2	485.30	42.000	0.375	0.375	35000		44	0.166					1.159	0.838	5:59	150	791	570	450	0.263	1.266	788	567							Pitting			
271	Metal Loss	Int	680.66	708.3	27.04	13.69	40.73	200	AGM 1	414.05	AGM 2	484.73	42.000	0.375	0.375	35000		37	0.138					1.024	0.983	6:02	150	796	573	450	0.262	1.274	794	572							Pitting			
272	Metal Loss	Int	681.83	709.5	28.22	12.51	40.73	200	AGM 1	415.23	AGM 2	483.55	42.000	0.375	0.375	35000		22	0.083					0.750	0.568	5:21	150	802	577	450	0.260	1.282	801	577							Pitting			
273	Metal Loss	Int	681.85	709.5	28.23	12.50	40.73	200	AGM 1	415.24	AGM 2	483.54	42.000	0.375	0.375	35000		18	0.067					0.833	0.654	6:02	150	802	577	450	0.260	1.283	801	577							Pitting			
274	Metal Loss	Int	682.13	709.8	28.51	12.22	40.73	200	AGM 1	415.52	AGM 2	483.25	42.000	0.375	0.375	35000		18	0.067					0.703	0.619	7:17	150	802	578	450	0.260	1.283	802	577							Pitting			
275	Metal Loss	Int	682.37	710.0	28.75	11.98	40.73	200	AGM 1	415.76	AGM 2	483.02	42.000	0.375	0.375	35000		41	0.153					1.310	0.881	6:06	150	790	569	450	0.264	1.264	786	566							Pitting			
276	Metal Loss	Int	682.77	710.4	29.15	11.58	40.73	200	AGM 1	416.16	AGM 2	482.62	42.000	0.375	0.375	35000		38	0.141					1.460	0.582	6:07	150	789	568	450	0.264	1.262	785	565							Axial Grooving			
277	Metal Loss	Int	683.20	710.8	29.59	11.14	40.73	200	AGM 1	416.60	AGM 2	482.18	42.000	0.375	0.375	35000		22	0.081					0.482	0.603	6:08	150	803	578	450	0.260	1.284	803	578							Pitting			
278	Metal Loss	Int	683.20	710.8	29.59	11.14	40.73	200	AGM 1	416.60	AGM 2	482.18	42.000	0.375	0.375	35000		21	0.078					1.058	1.979	5:37	150	800	576	450	0.260	1.280	799	575							Pitting			
279	Metal Loss	Int	683.36	711.0	29.75	10.98	40.73	200	AGM 1	416.76	AGM 2	482.02	42.000	0.375	0.375	35000		37	0.139					0.810	0.832	6:25	150	799	575	450	0.261	1.278	798	575							Pitting			
280	Metal Loss	Int	683.72	711.4	30.10	10.63	40.73	200	AGM 1	417.11	AGM 2	481.66	42.000	0.375	0.375	35000		28	0.104					1.308	0.744	6:22	150	796	573	450	0.262	1.273	794	572							Pitting			
281	Metal Loss	Int	684.54	712.2	30.92	9.81	40.73	200	AGM 1	417.93	AGM 2	480.85	42.000	0.375	0.375	35000		17	0.065					1.286	1.084	6:06	150	799	575	450	0.261	1.279	798	575							Pitting			
282	Metal Loss	Int	685.15	712.8	31.53	9.19	40.73	200	AGM 1	418.55	AGM 2	480.23	42.000	0.375	0.375	35000		19	0.070					0.946	0.880	6:06	150	801	577	450	0.260	1.282	800	576							Pitting			
283	Metal Loss	Int	685.38	713.0	31.76	8.97	40.73	200	AGM 1	418.77	AGM 2	480.01	42.000	0.375	0.375	35000		18	0.067					0.821	0.746	5:31	150	802	577	450	0.260	1.283	801	577							Pitting			
284	Cluster	Int	685.74	713.4	32.12	8.61	40.73	200	AGM 1	419.13	AGM 2	479.65	42.000	0.375	0.375	35000		47	0.177					1.680	1.558	5:54	150	777	559	450	0.268	1.243	771	555						CLS C				
285	Cluster	Int	686.22	713.8	32.60	8.13	40.73	200	AGM 1	419.61	AGM 2	479.17	42.000	0.375	0.375	35000		42	0.157					1.943	2.406	6:04	150	775	558	450	0.269	1.239	767	552						CLS C				
286	Metal Loss	Int	687.69	715.3	34.07	6.66	40.73	200	AGM 1	421.08	AGM 2	477.69	42.000	0.375	0.375	35000		20	0.075					1.076	1.214	5:46	150	800	576	450	0.260	1.280	799	575							Pitting			
287	Metal Loss	Int	688.00	715.6	34.38	6.35	40.73	200	AGM 1	421.39	AGM 2	477.39	42.000	0.375	0.375	35000		33	0.124					1.133	1.152	6:04	150	796	573	450	0.262	1.273	794	572							Pitting			
288	Metal Loss	Int	688.07	715.7	34.45	6.28	40.73	200	AGM 1	421.46	AGM 2	477.32	42.000	0.375	0.375	35000		31	0.115					1.089	0.750	6:24	150	797	574	450	0.261	1.275	796	573							Pitting			
289	Cluster	Int	690.09	717.7	36.47	4.25	40.73	200	AGM 1	423.48	AGM 2	475.29	42.000	0.375	0.375	35000		47	0.177					1.166	3.086	6:17	150	790	569	450	0.264	1.264	785	565						CLS C				
290	Metal Loss	Int	691.31	718.9	37.69	3.04	40.73	200	AGM 1	424.70	AGM 2	474.07	42.000	0.375	0.375	35000		25	0.094					0.778	0.755	5:22	150	801	577	450	0.260	1.282	800	576							Pitting			
291	Cluster	Int	692.87	720.5	39.25	1.48	40.73	200	AGM 1	426.26	AGM 2	472.51	42.000	0.375	0.375	35000		19	0.073					0.909	1.216	4:51	150	801	577	450	0.260	1.282	800	576						CLS C				
292	Metal Loss	Int	692.89	720.5	39.27	1.45	40.73	200	AGM 1	426.29	AGM 2	472.49	42.000	0.375	0.375	35000		22	0.081					0.908	0.960	5:48	150	801	576	450	0.260	1.281	800	576							Pitting			
293	Metal Loss	Int	694.16	721.8	40.54	0.18	40.73	200	AGM 1	427.56	AGM 2	471.22	42.000	0.375	0.375	35000		31	0.114					1.212	0.932	5:59	150	796	573	450	0.262	1.273	794	572						Near GWD	Pitting			
294	Girth Weld		694.35	721.9	40.73	40.44	40.44	210	AGM 1	427.74	AGM 2	471.04	42.000	0.375	0.375	35000											150																	
295	Cluster	Int	694.38	722.0	0.04	40.40	40.44	210	AGM 1	427.78	AGM 2	471.00	42.000	0.375	0.375	35000		24	0.088					1.078	4.351	6:05	150	799	575	450	0.261	1.279	798	575						CLS C | On GWD				
296	Metal Loss	Int	696.41	724.0	2.06	38.38	40.44	210	AGM 1	429.80	AGM 2	468.98	42.000	0.375	0.375	35000		37	0.140					1.742	1.380	5:54	150	783	564	450	0.266	1.253	778	560							General Metal-loss			
297	Metal Loss	Int	698.61	726.2	4.26	36.17	40.44	210	AGM 1	432.00	AGM 2	466.78	42.000	0.375	0.375	35000		22	0.082					0.580	0.591	7:03	150	802	578	450	0.260	1.284	802	577							Pitting			
298	Metal Loss	Int	699.94	727.5	5.60	34.84	40.44	210	AGM 1	433.34	AGM 2	465.44	42.000	0.375	0.375	35000		48	0.179					1.134	1.137	6:06	150	790	569	450	0.264	1.264	786	566							Pitting			
299	Metal Loss	Int	700.18	727.7	5.83	34.61	40.44	210	AGM 1	433.57	AGM 2	465.21	42.000	0.375	0.375	35000		44	0.165					1.052	1.133	6:03	150	793	571	450	0.263	1.269	790	569							Pitting			
300	Metal Loss	Int	701.88	729.4	7.54	32.90	40.44	210	AGM 1	435.28	AGM 2	463.50	42.000	0.375	0.375	35000		54	0.203					1.208	0.805	6:10	150	785	565	450	0.265	1.256	778	560							Pitting			
301	Metal Loss	Int	702.07	729.6	7.72	32.71	40.44	210	AGM 1	435.46	AGM 2	463.31	42.000	0.375	0.375	35000		20	0.075					0.865	0.738	5:41	150	801	577	450	0.260	1.282	801	577							Pitting			
302	Metal Loss	Int	704.38	731.9	10.03	30.40	40.44	210	AGM 1	437.77	AGM 2	461.01	42.000	0.375	0.375	35000		25	0.094					0.861	0.614	6:20	150	800	576	450	0.260	1.281	800	576							Pitting			
303	Metal Loss	Int	704.44	732.0	10.09	30.34	40.44	210	AGM 1	437.83	AGM 2	460.95	42.000	0.375	0.375	35000		55	0.206					1.182	0.941	5:50	150	785	565	450	0.265	1.256	778	560							Pitting			
304	Metal Loss	Int	705.15	732.7	10.81	29.63	40.44	210	AGM 1	438.55	AGM 2	460.23	42.000	0.375	0.375	35000		35	0.129					0.897	1.141	5:57	150	798	575	450	0.261	1.277	797	574							Pitting			
305	Cluster	Int	705.46	733.0	11.12	29.32	40.44	210	AGM 1	438.86	AGM 2	459.92	42.000	0.375	0.375	35000		17	0.063					2.051	2.730	5:58	150	794	571	450	0.263	1.270	795	572						CLS C				
306	Metal Loss	Int	705.88	733.4	11.53	28.91	40.44	210	AGM 1	439.27	AGM 2	459.51	42.000	0.375	0.375	35000		22	0.082					0.315	0.495	8:25	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
307	Metal Loss	Int	706.10	733.6	11.75	28.68	40.44	210	AGM 1	439.49	AGM 2	459.28	42.000	0.375	0.375	35000		30	0.114					0.930	0.578	6:56	150	799	575	450	0.261	1.278	798	575							Pitting			
308	Metal Loss	Int	706.94	734.5	12.60	27.84	40.44	210	AGM 1	440.34	AGM 2	458.44	42.000	0.375	0.375	35000		20	0.073					0.653	0.682	5:11	150	802	578	450	0.260	1.284	802	577							Pitting			
309	Metal Loss	Int	707.56	735.1	13.22	27.22	40.44	210	AGM 1	440.96	AGM 2	457.82	42.000	0.375	0.375	35000		47	0.178					1.079	1.408	6:00	150	792	570	450	0.263	1.266	788	567							Pitting			
310	Metal Loss	Int	708.22	735.8	13.87	26.56	40.44	210	AGM 1	441.61	AGM 2	457.17	42.000	0.375	0.375	35000		25	0.093					0.373	0.549	4:50	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
311	Metal Loss	Int	710.56	738.1	16.21	24.22	40.44	210	AGM 1	443.95	AGM 2	454.82	42.000	0.375	0.375	35000		18	0.069					0.690	0.628	6:53	150	802	578	450	0.260	1.283	802	577							Pitting			
312	Metal Loss	Int	710.59	738.1	16.24	24.19	40.44	210	AGM 1	443.98	AGM 2	454.80	42.000	0.375	0.375	35000		60	0.226					0.880	1.009	5:57	150	791	570	450	0.263	1.266	786	566							Pitting			
313	Metal Loss	Int	711.66	739.2	17.32	23.12	40.44	210	AGM 1	445.06	AGM 2	453.72	42.000	0.375	0.375	35000		18	0.066					0.376	0.556	4:58	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
314	Metal Loss	Int	712.55	740.1	18.20	22.23	40.44	210	AGM 1	445.94	AGM 2	452.83	42.000	0.375	0.375	35000		37	0.138					1.178	0.780	6:00	150	794	572	450	0.262	1.270	791	570							Pitting			
315	Metal Loss	Int	715.13	742.6	20.78	19.65	40.44	210	AGM 1	448.52	AGM 2	450.26	42.000	0.375	0.375	35000		18	0.068					0.732	0.627	3:51	150	802	577	450	0.260	1.283	802	577							Pitting			
316	Metal Loss	Int	716.15	743.7	21.80	18.63	40.44	210	AGM 1	449.54	AGM 2	449.24	42.000	0.375	0.375	35000		19	0.071					0.684	0.569	3:50	150	802	578	450	0.260	1.283	802	577							Pitting			
317	Metal Loss	Int	716.41	743.9	22.06	18.37	40.44	210	AGM 1	449.80	AGM 2	448.97	42.000	0.375	0.375	35000		20	0.075					0.565	0.593	5:08	150	803	578	450	0.260	1.284	802	577							Pitting			
318	Metal Loss	Int	716.97	744.5	22.62	17.81	40.44	210	AGM 1	450.36	AGM 2	448.41	42.000	0.375	0.375	35000		26	0.099					0.357	0.545	4:59	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
319	Metal Loss	Int	717.69	745.2	23.34	17.09	40.44	210	AGM 1	451.08	AGM 2	447.70	42.000	0.375	0.375	35000		29	0.108					0.649	0.591	6:27	150	801	577	450	0.260	1.282	801	577							Pitting			
320	Metal Loss	Int	719.42	746.9	25.07	15.37	40.44	210	AGM 1	452.81	AGM 2	445.97	42.000	0.375	0.375	35000		16	0.059					0.645	0.623	5:43	150	803	578	450	0.260	1.284	802	577							Pitting			
321	Metal Loss	Int	730.64	758.1	36.29	4.14	40.44	210	AGM 1	464.03	AGM 2	434.75	42.000	0.375	0.375	35000		36	0.137					0.786	0.659	5:48	150	799	575	450	0.261	1.279	798	575							Pitting			
322	Metal Loss	Int	734.30	761.7	39.95	0.48	40.44	210	AGM 1	467.69	AGM 2	431.09	42.000	0.375	0.375	35000		19	0.071					1.015	0.822	5:52	150	801	576	450	0.260	1.281	800	576							Pitting			
323	Girth Weld		734.78	762.2	40.44	19.45	19.45	220	AGM 1	468.17	AGM 2	430.60	42.000	0.375	0.375	35000											150																	
324	Metal Loss	Int	740.10	767.5	5.32	14.13	19.45	220	AGM 1	473.49	AGM 2	425.28	42.000	0.375	0.375	35000		16	0.059					0.480	0.545	6:45	150	803	578	450	0.260	1.285	803	578							Pitting			
325	Metal Loss	Int	742.72	770.1	7.94	11.51	19.45	220	AGM 1	476.12	AGM 2	422.66	42.000	0.375	0.375	35000		21	0.079					1.013	1.213	5:53	150	800	576	450	0.260	1.280	799	575							Pitting			
326	Metal Loss	Int	751.34	778.7	16.56	2.89	19.45	220	AGM 1	484.74	AGM 2	414.04	42.000	0.375	0.375	35000		18	0.069					1.457	1.180	6:05	150	798	574	450	0.261	1.276	796	573							Pitting			
327	Metal Loss	Int	752.90	780.3	18.12	1.33	19.45	220	AGM 1	486.30	AGM 2	412.48	42.000	0.375	0.375	35000		17	0.063					0.543	0.577	4:50	150	803	578	450	0.260	1.284	803	578							Pitting			
328	Girth Weld		754.24	781.6	19.45	37.35	37.35	230	AGM 1	487.63	AGM 2	411.15	42.000	0.375	0.375	35000											150																	
329	Metal Loss	Int	756.08	783.4	1.85	35.50	37.35	230	AGM 1	489.47	AGM 2	409.30	42.000	0.375	0.375	35000		27	0.102					1.049	0.660	6:11	150	798	575	450	0.261	1.278	797	574							Pitting			
330	Metal Loss	Int	756.73	784.1	2.49	34.86	37.35	230	AGM 1	490.12	AGM 2	408.66	42.000	0.375	0.375	35000		19	0.073					0.940	0.687	6:00	150	801	577	450	0.260	1.281	800	576							Pitting			
331	Metal Loss	Int	757.17	784.5	2.93	34.42	37.35	230	AGM 1	490.56	AGM 2	408.22	42.000	0.375	0.375	35000		25	0.094					0.924	0.545	5:59	150	800	576	450	0.260	1.280	799	575							Pitting			
332	Metal Loss	Int	761.15	788.5	6.92	30.43	37.35	230	AGM 1	494.55	AGM 2	404.23	42.000	0.375	0.375	35000		48	0.179					0.700	0.593	5:56	150	798	575	450	0.261	1.277	797	574							Pitting			
333	Metal Loss	Int	761.67	789.0	7.44	29.91	37.35	230	AGM 1	495.06	AGM 2	403.71	42.000	0.375	0.375	35000		17	0.063					0.542	0.538	6:01	150	803	578	450	0.260	1.284	803	578							Pitting			
334	Metal Loss	Int	776.57	803.8	22.33	15.02	37.35	230	AGM 1	509.96	AGM 2	388.82	42.000	0.375	0.375	35000		25	0.093					0.566	0.837	6:04	150	802	578	450	0.260	1.284	802	577							Pitting			
335	Cluster	Int	788.88	816.1	34.65	2.70	37.35	230	AGM 1	522.27	AGM 2	376.50	42.000	0.375	0.375	35000		25	0.092					1.072	2.439	6:09	150	799	575	450	0.261	1.278	799	575						CLS C				
336	Girth Weld		791.59	818.8	37.35	39.75	39.75	240	AGM 1	524.98	AGM 2	373.80	42.000	0.375	0.375	35000											150																	
337	Metal Loss	Int	793.70	820.9	2.12	37.63	39.75	240	AGM 1	527.10	AGM 2	371.68	42.000	0.375	0.375	35000		21	0.079					0.863	0.743	6:02	150	801	577	450	0.260	1.282	800	576							Pitting			
338	Metal Loss	Int	795.45	822.6	3.87	35.88	39.75	240	AGM 1	528.85	AGM 2	369.93	42.000	0.375	0.375	35000		23	0.087					0.989	1.442	5:53	150	800	576	450	0.260	1.280	799	575							Pitting			
339	Metal Loss	Int	798.03	825.2	6.45	33.30	39.75	240	AGM 1	531.43	AGM 2	367.35	42.000	0.375	0.375	35000		34	0.129					0.587	0.646	5:49	150	801	577	450	0.260	1.282	801	577							Pitting			
340	Metal Loss	Int	798.18	825.3	6.60	33.15	39.75	240	AGM 1	531.58	AGM 2	367.20	42.000	0.375	0.375	35000		16	0.059					0.390	0.545	5:49	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
341	Metal Loss	Int	798.82	826.0	7.23	32.52	39.75	240	AGM 1	532.21	AGM 2	366.57	42.000	0.375	0.375	35000		16	0.060					0.566	0.715	6:06	150	803	578	450	0.260	1.284	803	578							Pitting			
342	Metal Loss	Int	799.53	826.7	7.94	31.81	39.75	240	AGM 1	532.92	AGM 2	365.86	42.000	0.375	0.375	35000		17	0.063					0.464	0.569	6:10	150	803	578	450	0.260	1.285	803	578							Pitting			
343	Metal Loss	Int	801.18	828.3	9.59	30.16	39.75	240	AGM 1	534.57	AGM 2	364.21	42.000	0.375	0.375	35000		28	0.105					0.656	0.775	5:59	150	801	577	450	0.260	1.282	801	577							Pitting			
344	Metal Loss	Int	803.62	830.8	12.04	27.71	39.75	240	AGM 1	537.02	AGM 2	361.76	42.000	0.375	0.375	35000		29	0.108					0.544	0.639	5:41	150	802	577	450	0.260	1.283	802	577							Pitting			
345	Metal Loss	Int	803.99	831.1	12.41	27.34	39.75	240	AGM 1	537.39	AGM 2	361.39	42.000	0.375	0.375	35000		18	0.068					0.479	0.572	5:54	150	803	578	450	0.260	1.285	803	578							Pitting			
346	Metal Loss	Int	804.29	831.4	12.71	27.04	39.75	240	AGM 1	537.68	AGM 2	361.09	42.000	0.375	0.375	35000		15	0.057					0.456	0.564	5:54	150	803	578	450	0.260	1.285	803	578							Pitting			
347	Cluster	Int	804.48	831.6	12.89	26.86	39.75	240	AGM 1	537.87	AGM 2	360.91	42.000	0.375	0.375	35000		22	0.084					1.268	2.752	5:56	150	798	574	450	0.261	1.277	797	574						CLS C				
348	Metal Loss	Int	806.16	833.3	14.57	25.18	39.75	240	AGM 1	539.55	AGM 2	359.23	42.000	0.375	0.375	35000		16	0.060					0.381	0.547	5:56	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
349	Metal Loss	Int	806.69	833.8	15.11	24.64	39.75	240	AGM 1	540.08	AGM 2	358.69	42.000	0.375	0.375	35000		22	0.084					1.004	0.657	6:07	150	800	576	450	0.260	1.280	799	575							Pitting			
350	Metal Loss	Int	809.55	836.7	17.97	21.78	39.75	240	AGM 1	542.94	AGM 2	355.83	42.000	0.375	0.375	35000		15	0.058					0.570	0.629	5:48	150	803	578	450	0.260	1.284	803	578							Pitting			
351	Metal Loss	Int	809.75	836.9	18.16	21.59	39.75	240	AGM 1	543.14	AGM 2	355.63	42.000	0.375	0.375	35000		24	0.090					0.746	0.628	5:48	150	801	577	450	0.260	1.282	801	577							Pitting			
352	Metal Loss	Int	813.43	840.5	21.84	17.91	39.75	240	AGM 1	546.82	AGM 2	351.96	42.000	0.375	0.375	35000		26	0.099					0.578	0.839	5:53	150	802	577	450	0.260	1.283	802	577							Pitting			

Reported Feature Reference													Pipe Specification					Reported Feature Dimensions									Calculated Values								Classification		XYZ Information							
Feature Number (sequential order)	Pipeline Feature	INT/ EXT (ID/OD)	Odometer	Station Number	Distance to U/S weld	Distance to D/S weld	Joint Length	Defect Joint Number	Upstream (U/S) Reference Name	Distance from:	Downstream (D/S) Reference Name	Distance to:	Diameter	Nominal Wall Thickness	Measured Wall Thickness	Pipe Grade (SMYS)	Long Seam Orientation	Metal Loss Depth	Metal Loss Depth	Deformation Depth	Deformation Depth	Crack Depth	Crack Depth	Length	Width	Orientation	MOP	Modified B31.G Modified B31.G P_{BURST}	Modified B31.G P_{SAFE}	Design Pressure (72% SMYS)	FRF MOP / P_{SAFE}	RPR P_{BURST} / 100% SMYS	Effective Area P_{BURST}	P_{SAFE}	Group Number	Group Category	NAD 83 Latitude	Longitude	NAVD 88 Elevation	Comments	POF classification	Excavation/ Repair Required	SPLC Notes	Tool Type/ Technology
			(feet)	(feet)	(feet)	(feet)	(feet)			(feet)		(feet)	(inch)	(inch)	(inch)	(psi)		(%)	(inch)	(%)	(inch)	(%)	(inch)	(inch)	(inch)	(O'clock)	(psi)	(psi)	(psi)	(psi)			(psi)	(psi)					(feet)			Target/Yes/AGM		
353	Metal Loss	Int	815.39	842.5	23.80	15.95	39.75	240	AGM 1	548.78	AGM 2	350.00	42.000	0.375	0.375	35000		24	0.089					0.761	0.737	5:59	150	801	577	450	0.260	1.282	801	577							Pitting			
354	Metal Loss	Int	816.17	843.3	24.59	15.16	39.75	240	AGM 1	549.56	AGM 2	349.21	42.000	0.375	0.375	35000		20	0.073					0.477	0.640	5:45	150	803	578	450	0.260	1.285	803	578							Pitting			
355	Metal Loss	Int	817.07	844.2	25.49	14.26	39.75	240	AGM 1	550.47	AGM 2	348.31	42.000	0.375	0.375	35000		26	0.098					0.609	0.627	5:47	150	802	577	450	0.260	1.283	801	577							Pitting			
356	Metal Loss	Int	818.01	845.1	26.42	13.33	39.75	240	AGM 1	551.40	AGM 2	347.37	42.000	0.375	0.375	35000		26	0.097					0.580	0.622	6:08	150	802	577	450	0.260	1.283	802	577							Pitting			
357	Metal Loss	Int	818.68	845.7	27.09	12.66	39.75	240	AGM 1	552.07	AGM 2	346.71	42.000	0.375	0.375	35000		18	0.067					0.440	0.559	6:22	150	803	578	450	0.260	1.285	803	578							Pitting			
358	Metal Loss	Int	822.28	849.3	30.70	9.05	39.75	240	AGM 1	555.67	AGM 2	343.10	42.000	0.375	0.375	35000		24	0.089					0.720	0.686	5:48	150	802	577	450	0.260	1.282	801	577							Pitting			
359	Metal Loss	Int	824.59	851.6	33.00	6.75	39.75	240	AGM 1	557.98	AGM 2	340.80	42.000	0.375	0.375	35000		18	0.068					0.610	0.592	5:44	150	802	578	450	0.260	1.284	802	577							Pitting			
360	Metal Loss	Int	828.10	855.1	36.52	3.23	39.75	240	AGM 1	561.49	AGM 2	337.28	42.000	0.375	0.375	35000		25	0.095					0.778	0.894	5:50	150	801	577	450	0.260	1.282	800	576							Pitting			
361	Metal Loss	Int	829.54	856.6	37.96	1.79	39.75	240	AGM 1	562.93	AGM 2	335.84	42.000	0.375	0.375	35000		20	0.077					0.382	0.552	6:00	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
362	Metal Loss	Int	830.38	857.4	38.79	0.96	39.75	240	AGM 1	563.77	AGM 2	335.01	42.000	0.375	0.375	35000		20	0.074					0.452	0.570	5:44	150	803	578	450	0.260	1.285	803	578							Pitting			
363	Girth Weld		831.33	858.4	39.75	38.24	38.24	250	AGM 1	564.73	AGM 2	334.05	42.000	0.375	0.375	35000											150																	
364	Metal Loss	Int	835.19	862.2	3.85	34.39	38.24	250	AGM 1	568.58	AGM 2	330.20	42.000	0.375	0.375	35000		17	0.063					0.564	0.609	6:10	150	803	578	450	0.260	1.284	803	578							Pitting			
365	Metal Loss	Int	835.54	862.5	4.20	34.04	38.24	250	AGM 1	568.93	AGM 2	329.85	42.000	0.375	0.375	35000		21	0.079					0.585	0.645	5:52	150	802	578	450	0.260	1.284	802	577							Pitting			
366	Metal Loss	Int	836.37	863.4	5.03	33.21	38.24	250	AGM 1	569.76	AGM 2	329.02	42.000	0.375	0.375	35000		18	0.069					0.799	0.612	5:59	150	802	577	450	0.260	1.283	801	577							Pitting			
367	Metal Loss	Int	836.70	863.7	5.37	32.87	38.24	250	AGM 1	570.10	AGM 2	328.68	42.000	0.375	0.375	35000		18	0.069					0.649	0.573	5:58	150	802	578	450	0.260	1.284	802	577							Pitting			
368	Metal Loss	Int	837.75	864.7	6.42	31.82	38.24	250	AGM 1	571.15	AGM 2	327.63	42.000	0.375	0.375	35000		22	0.084					0.764	0.630	5:58	150	801	577	450	0.260	1.282	801	577							Pitting			
369	Metal Loss	Int	841.19	868.2	9.86	28.38	38.24	250	AGM 1	574.59	AGM 2	324.19	42.000	0.375	0.375	35000		17	0.064					0.969	1.182	6:00	150	801	577	450	0.260	1.282	801	577							Pitting			
370	Metal Loss	Int	844.14	871.1	12.81	25.43	38.24	250	AGM 1	577.54	AGM 2	321.24	42.000	0.375	0.375	35000		21	0.079					0.677	0.740	6:00	150	802	577	450	0.260	1.283	802	577							Pitting			
371	Metal Loss	Int	844.80	871.8	13.46	24.78	38.24	250	AGM 1	578.19	AGM 2	320.59	42.000	0.375	0.375	35000		18	0.066					1.151	0.961	6:02	150	800	576	450	0.260	1.280	799	575							Pitting			
372	Metal Loss	Int	844.95	871.9	13.61	24.63	38.24	250	AGM 1	578.34	AGM 2	320.44	42.000	0.375	0.375	35000		16	0.060					0.405	0.550	5:58	150	803	578	450	0.260	1.285	803	578							Pitting			
373	Metal Loss	Int	846.06	873.0	14.73	23.51	38.24	250	AGM 1	579.46	AGM 2	319.32	42.000	0.375	0.375	35000		28	0.106					0.963	0.681	5:58	150	799	575	450	0.261	1.278	798	575							Pitting			
374	Metal Loss	Int	847.34	874.3	16.01	22.24	38.24	250	AGM 1	580.73	AGM 2	318.04	42.000	0.375	0.375	35000		21	0.078					1.097	1.084	6:04	150	800	576	450	0.260	1.279	799	575							Pitting			
375	Metal Loss	Int	849.10	876.0	17.76	20.48	38.24	250	AGM 1	582.49	AGM 2	316.29	42.000	0.375	0.375	35000		15	0.058					0.477	0.568	6:04	150	803	578	450	0.260	1.285	803	578							Pitting			
376	Metal Loss	Int	853.49	880.4	22.15	16.09	38.24	250	AGM 1	586.88	AGM 2	311.90	42.000	0.375	0.375	35000		30	0.113					0.758	0.708	5:58	150	800	576	450	0.260	1.281	800	576							Pitting			
377	Metal Loss	Int	857.95	884.9	26.61	11.63	38.24	250	AGM 1	591.34	AGM 2	307.44	42.000	0.375	0.375	35000		21	0.079					1.099	1.278	6:00	150	800	576	450	0.260	1.279	799	575							Pitting			
378	Metal Loss	Int	858.63	885.5	27.30	10.95	38.24	250	AGM 1	592.02	AGM 2	306.75	42.000	0.375	0.375	35000		18	0.068					1.064	0.726	6:02	150	800	576	450	0.260	1.281	800	576							Pitting			
379	Metal Loss	Int	860.57	887.5	29.24	9.00	38.24	250	AGM 1	593.97	AGM 2	304.81	42.000	0.375	0.375	35000		17	0.062					1.198	0.859	6:02	150	800	576	450	0.260	1.280	799	575							Pitting			
380	Metal Loss	Int	861.47	888.4	30.13	8.11	38.24	250	AGM 1	594.86	AGM 2	303.92	42.000	0.375	0.375	35000		19	0.073					0.315	0.544	5:56	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
381	Metal Loss	Int	862.89	889.8	31.56	6.69	38.24	250	AGM 1	596.28	AGM 2	302.49	42.000	0.375	0.375	35000		18	0.068					0.646	0.568	5:51	150	802	578	450	0.260	1.284	802	577							Pitting			
382	Metal Loss	Int	866.82	893.7	35.48	2.76	38.24	250	AGM 1	600.21	AGM 2	298.56	42.000	0.375	0.375	35000		25	0.092					0.884	0.708	5:56	150	800	576	450	0.260	1.281	800	576							Pitting			
383	Cluster	Int	867.20	894.1	35.87	2.38	38.24	250	AGM 1	600.59	AGM 2	298.18	42.000	0.375	0.375	35000		30	0.113					2.281	0.657	5:57	150	779	561	450	0.267	1.247	786	566						CLS C				
384	Metal Loss	Int	868.33	895.2	36.99	1.25	38.24	250	AGM 1	601.72	AGM 2	297.06	42.000	0.375	0.375	35000		21	0.079					0.530	0.665	6:03	150	803	578	450	0.260	1.284	802	577							Pitting			
385	Girth Weld		869.58	896.4	38.24	40.92	40.92	260	AGM 1	602.97	AGM 2	295.81	42.000	0.375	0.375	35000											150																	
386	Metal Loss	Int	869.68	896.5	0.11	40.81	40.92	260	AGM 1	603.08	AGM 2	295.70	42.000	0.375	0.375	35000		19	0.072					0.435	0.544	5:54	150	803	578	450	0.260	1.285	803	578						Near GWD	Pitting			
387	Metal Loss	Int	870.04	896.9	0.46	40.45	40.92	260	AGM 1	603.43	AGM 2	295.34	42.000	0.375	0.375	35000		28	0.105					0.772	0.682	6:00	150	801	576	450	0.260	1.281	800	576							Pitting			
388	Metal Loss	Int	872.19	899.0	2.62	38.30	40.92	260	AGM 1	605.59	AGM 2	293.19	42.000	0.375	0.375	35000		20	0.074					0.857	0.752	6:00	150	801	577	450	0.260	1.282	801	577							Pitting			
389	Metal Loss	Int	873.73	900.6	4.15	36.77	40.92	260	AGM 1	607.12	AGM 2	291.66	42.000	0.375	0.375	35000		17	0.062					0.315	0.532	5:55	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
390	Metal Loss	Int	874.07	900.9	4.50	36.42	40.92	260	AGM 1	607.47	AGM 2	291.31	42.000	0.375	0.375	35000		20	0.076					0.844	1.000	6:03	150	801	577	450	0.260	1.282	801	577							Pitting			
391	Metal Loss	Int	876.28	903.1	6.70	34.21	40.92	260	AGM 1	609.67	AGM 2	289.11	42.000	0.375	0.375	35000		20	0.075					0.956	1.000	6:10	150	801	576	450	0.260	1.281	800	576							Pitting			
392	Metal Loss	Int	882.96	909.8	13.38	27.53	40.92	260	AGM 1	616.35	AGM 2	282.43	42.000	0.375	0.375	35000		22	0.084					0.449	0.631	6:08	150	803	578	450	0.260	1.284	803	578							Pitting			
393	Metal Loss	Int	883.42	910.2	13.84	27.07	40.92	260	AGM 1	616.81	AGM 2	281.97	42.000	0.375	0.375	35000		24	0.090					1.214	1.252	6:02	150	798	574	450	0.261	1.276	796	573							General Metal-loss			
394	Metal Loss	Int	884.59	911.4	15.01	25.91	40.92	260	AGM 1	617.98	AGM 2	280.80	42.000	0.375	0.375	35000		19	0.072					0.851	0.775	5:46	150	801	577	450	0.260	1.282	801	577							Pitting			
395	Metal Loss	Int	885.35	912.1	15.78	25.14	40.92	260	AGM 1	618.75	AGM 2	280.03	42.000	0.375	0.375	35000		21	0.078					0.315	0.537	6:10	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
396	Metal Loss	Int	890.32	917.1	20.75	20.17	40.92	260	AGM 1	623.72	AGM 2	275.06	42.000	0.375	0.375	35000		26	0.097					1.180	1.051	5:47	150	798	574	450	0.261	1.276	796	573							Pitting			
397	Metal Loss	Int	890.57	917.3	20.99	19.92	40.92	260	AGM 1	623.96	AGM 2	274.82	42.000	0.375	0.375	35000		20	0.076					0.458	0.631	5:53	150	803	578	450	0.260	1.285	803	578							Pitting			
398	Metal Loss	Int	891.26	918.0	21.69	19.23	40.92	260	AGM 1	624.66	AGM 2	274.12	42.000	0.375	0.375	35000		16	0.058					0.859	0.814	6:12	150	802	577	450	0.260	1.283	801	577							Pitting			
399	Metal Loss	Int	891.61	918.4	22.03	18.88	40.92	260	AGM 1	625.00	AGM 2	273.78	42.000	0.375	0.375	35000		15	0.057					0.558	0.694	5:53	150	803	578	450	0.260	1.285	803	578							Pitting			
400	Metal Loss	Int	893.14	919.9	23.56	17.35	40.92	260	AGM 1	626.53	AGM 2	272.24	42.000	0.375	0.375	35000		41	0.154					1.097	0.997	6:01	150	794	572	450	0.262	1.270	791	570							Pitting			
401	Metal Loss	Int	893.30	920.1	23.72	17.19	40.92	260	AGM 1	626.69	AGM 2	272.09	42.000	0.375	0.375	35000		32	0.118					0.616	0.526	6:30	150	801	577	450	0.260	1.282	801	577							Pitting			
402	Metal Loss	Int	894.06	920.8	24.48	16.43	40.92	260	AGM 1	627.45	AGM 2	271.33	42.000	0.375	0.375	35000		23	0.088					0.799	0.796	5:59	150	801	577	450	0.260	1.282	801	577							Pitting			
403	Metal Loss	Int	894.75	921.5	25.17	15.74	40.92	260	AGM 1	628.14	AGM 2	270.64	42.000	0.375	0.375	35000		19	0.072					0.747	0.667	5:59	150	802	577	450	0.260	1.283	801	577							Pitting			
404	Metal Loss	Int	896.76	923.5	27.19	13.73	40.92	260	AGM 1	630.16	AGM 2	268.62	42.000	0.375	0.375	35000		23	0.087					1.003	0.820	6:05	150	800	576	450	0.260	1.280	799	575							Pitting			
405	Metal Loss	Int	898.60	925.3	29.02	11.90	40.92	260	AGM 1	631.99	AGM 2	266.79	42.000	0.375	0.375	35000		24	0.092					1.077	0.773	6:06	150	799	575	450	0.261	1.278	798	575							Pitting			
406	Metal Loss	Int	905.33	932.0	35.75	5.16	40.92	260	AGM 1	638.72	AGM 2	260.06	42.000	0.375	0.375	35000		17	0.065					0.924	0.591	6:04	150	801	577	450	0.260	1.282	801	577							Pitting			
407	Metal Loss	Int	906.13	932.8	36.56	4.36	40.92	260	AGM 1	639.53	AGM 2	259.25	42.000	0.375	0.375	35000		22	0.083					0.499	0.570	6:00	150	803	578	450	0.260	1.284	802	577							Pitting			
408	Metal Loss	Int	906.52	933.2	36.94	3.98	40.92	260	AGM 1	639.91	AGM 2	258.87	42.000	0.375	0.375	35000		17	0.063					0.820	0.640	6:12	150	802	577	450	0.260	1.283	801	577							Pitting			
409	Metal Loss	Int	908.96	935.7	39.38	1.53	40.92	260	AGM 1	642.35	AGM 2	256.42	42.000	0.375	0.375	35000		29	0.111					1.049	0.697	6:02	150	798	574	450	0.261	1.277	797	574							Pitting			
410	Girth Weld		910.49	937.2	40.92	40.61	40.61	270	AGM 1	643.89	AGM 2	254.89	42.000	0.375	0.375	35000											150																	
411	Metal Loss	Int	911.71	938.4	1.21	39.40	40.61	270	AGM 1	645.10	AGM 2	253.68	42.000	0.375	0.375	35000		19	0.071					1.422	0.715	6:09	150	798	574	450	0.261	1.276	797	574							Pitting			
412	Metal Loss	Int	914.21	940.9	3.72	36.89	40.61	270	AGM 1	647.60	AGM 2	251.18	42.000	0.375	0.375	35000		23	0.085					0.462	0.561	6:13	150	803	578	450	0.260	1.284	803	578							Pitting			
413	Cluster	Int	916.25	942.9	5.76	34.85	40.61	270	AGM 1	649.64	AGM 2	249.14	42.000	0.375	0.375	35000		26	0.097					1.947	1.664	5:58	150	788	568	450	0.264	1.261	797	574						CLS C				
414	Metal Loss	Int	928.99	955.6	18.50	22.11	40.61	270	AGM 1	662.38	AGM 2	236.39	42.000	0.375	0.375	35000		19	0.070					0.574	0.701	6:29	150	803	578	450	0.260	1.284	802	577							Pitting			
415	Metal Loss	Int	930.26	956.9	19.76	20.85	40.61	270	AGM 1	663.65	AGM 2	235.13	42.000	0.375	0.375	35000		27	0.100					0.793	0.731	6:05	150	801	576	450	0.260	1.281	800	576							Pitting			
416	Metal Loss	Int	937.05	963.6	26.56	14.05	40.61	270	AGM 1	670.45	AGM 2	228.33	42.000	0.375	0.375	35000		28	0.106					0.863	0.794	6:03	150	800	576	450	0.260	1.280	799	575							Pitting			
417	Metal Loss	Int	937.44	964.0	26.95	13.66	40.61	270	AGM 1	670.84	AGM 2	227.94	42.000	0.375	0.375	35000		17	0.064					0.679	0.606	6:33	150	802	578	450	0.260	1.284	802	577							Pitting			
418	Metal Loss	Int	948.17	974.7	37.68	2.93	40.61	270	AGM 1	681.56	AGM 2	217.21	42.000	0.375	0.375	35000		32	0.122					0.711	0.532	6:08	150	801	576	450	0.260	1.281	800	576							Pitting			
419	Girth Weld		951.10	977.6	40.61	40.88	40.88	280	AGM 1	684.50	AGM 2	214.28	42.000	0.375	0.375	35000											150																	
420	Metal Loss	Int	951.12	977.6	0.02	40.86	40.88	280	AGM 1	684.51	AGM 2	214.27	42.000	0.375	0.375	35000		31	0.118					0.696	1.483	6:16	150	801	577	450	0.260	1.281	800	576						On GWD	Circumferential Grooving			
421	Metal Loss	Int	953.32	979.8	2.22	38.66	40.88	280	AGM 1	686.72	AGM 2	212.06	42.000	0.375	0.375	35000		22	0.082					0.673	0.762	6:02	150	802	577	450	0.260	1.283	802	577							Pitting			
422	Metal Loss	Int	960.31	986.8	9.21	31.67	40.88	280	AGM 1	693.70	AGM 2	205.08	42.000	0.375	0.375	35000		24	0.089					0.364	0.543	6:27	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
423	Girth Weld		991.98	1018.3	40.88	40.16	40.16	290	AGM 1	725.37	AGM 2	173.40	42.000	0.375	0.375	35000											150																	
424	Metal Loss	Int	994.41	1020.7	2.42	37.74	40.16	290	AGM 1	727.80	AGM 2	170.98	42.000	0.375	0.375	35000		24	0.089					0.586	0.650	5:59	150	802	578	450	0.260	1.284	802	577							Pitting			
425	Cluster	Int	995.82	1022.1	3.84	36.33	40.16	290	AGM 1	729.21	AGM 2	169.57	42.000	0.375	0.375	35000		20	0.075					1.478	2.050	6:05	150	797	574	450	0.261	1.275	798	575						CLS C				
426	Metal Loss	Int	1005.55	1031.8	13.57	26.59	40.16	290	AGM 1	738.95	AGM 2	159.83	42.000	0.375	0.375	35000		22	0.084					0.394	0.543	5:55	150	803	578	450	0.260	1.285	803	578							Pitting			
427	Metal Loss	Int	1014.16	1040.4	22.18	17.98	40.16	290	AGM 1	747.55	AGM 2	151.22	42.000	0.375	0.375	35000		31	0.116					0.489	0.782	6:00	150	802	578	450	0.260	1.284	802	577							Pitting			
428	Metal Loss	Int	1019.21	1045.4	27.23	12.94	40.16	290	AGM 1	752.60	AGM 2	146.18	42.000	0.375	0.375	35000		22	0.081					0.790	0.780	6:04	150	801	577	450	0.260	1.282	801	577							Pitting			
429	Metal Loss	Int	1020.59	1046.8	28.61	11.56	40.16	290	AGM 1	753.98	AGM 2	144.80	42.000	0.375	0.375	35000		34	0.126					0.635	1.089	6:03	150	801	577	450	0.260	1.282	800	576							Pitting			
430	Girth Weld		1032.14	1058.3	40.16	39.95	39.95	300	AGM 1	765.54	AGM 2	133.24	42.000	0.375	0.375	35000											150																	
431	Metal Loss	Int	1043.00	1069.1	10.86	29.10	39.95	300	AGM 1	776.39	AGM 2	122.38	42.000	0.375	0.375	35000		24	0.090					0.421	0.551	6:11	150	803	578	450	0.260	1.285	803	578							Pitting			
432	Metal Loss	Int	1047.53	1073.6	15.39	24.56	39.95	300	AGM 1	780.93	AGM 2	117.85	42.000	0.375	0.375	35000		27	0.101					0.712	0.844	6:12	150	801	577	450	0.260	1.282	801	577							Pitting			
433	Cluster	Int	1050.08	1076.2	17.93	22.02	39.95	300	AGM 1	783.47	AGM 2	115.31	42.000	0.375	0.375	35000		39	0.147					1.055	3.100	6:03	150	795	572	450	0.262	1.272	796	573						CLS C				
434	Metal Loss	Int	1055.11	1081.2	22.97	16.99	39.95	300	AGM 1	788.50	AGM 2	110.27	42.000	0.375	0.375	35000		28	0.104					0.525	0.667	6:08	150	802	578	450	0.260	1.284	802	577							Pitting			
435	Metal Loss	Int	1055.94	1082.0	23.79	16.16	39.95	300	AGM 1	789.33	AGM 2	109.45	42.000	0.375	0.375	35000		25	0.094					0.601	0.959	6:14	150	802	577	450	0.260	1.283	802	577							Pitting			
436	Metal Loss	Int	1060.30	1086.4	28.15	11.80	39.95	300	AGM 1	793.69	AGM 2	105.09	42.000	0.375	0.375	35000		16	0.060					0.315	0.523	5:56	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
437	Metal Loss	Int	1070.93	1096.9	38.79	1.16	39.95	300	AGM 1	804.33	AGM 2	94.45	42.000	0.375	0.375	35000		26	0.097					0.440	0.557	6:05	150	803	578	450	0.260	1.284	802	577							Pitting			
438	Girth Weld		1072.10	1098.1	39.95	39.79	39.79	310	AGM 1	805.49	AGM 2	93.29	42.000	0.375	0.375	35000											150																	
439	Metal Loss	Int	1075.09	1101.1	2.99	36.80	39.79	310	AGM 1	808.48	AGM 2	90.29	42.000	0.375	0.375	35000		16	0.061					0.531	0.622	5:59	150	803	578	450	0.260	1.285	803	578							Pitting			
440	Metal Loss	Int	1076.03	1102.0	3.93	35.86	39.79	310	AGM 1	809.42	AGM 2	89.36	42.000	0.375	0.375	35000		24	0.088					0.399	0.550	5:53	150	803	578	450	0.260	1.285	803	578							Pitting			
441	Metal Loss	Int	1077.62	1103.6	5.53	34.26	39.79	310	AGM 1	811.02	AGM 2	87.76	42.000	0.375	0.375	35000		22	0.083					0.575	0.601	5:57	150	802	578	450	0.260	1.284	802	577							Pitting			
442	Metal Loss	Int	1077.81	1103.8	5.72	34.07	39.79	310	AGM 1	811.21	AGM 2	87.57	42.000	0.375	0.375	35000		30	0.114					0.507	0.648	6:36	150	802	578	450	0.260	1.283	802	577							Pitting			
443	Metal Loss	Int	1077.97	1104.0	5.87	33.92	39.79	310	AGM 1	811.36	AGM 2	87.42	42.000	0.375	0.375	35000		25	0.093					0.315	0.548	7:56	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
444	Metal Loss	Int	1079.52	1105.5	7.42	32.37	39.79	310	AGM 1	812.91	AGM 2	85.87	42.000	0.375	0.375	35000		18	0.066					0.563	0.578	5:58	150	803	578	450	0.260	1.284	802	577							Pitting			
445	Metal Loss	Int	1093.80	1119.7	21.70	18.08	39.79	310	AGM 1	827.20	AGM 2	71.58	42.000	0.375	0.375	35000		27	0.100					0.650	1.125	5:52	150	802	577	450	0.260	1.283	801	577							Pitting			
446	Metal Loss	Int	1108.46	1134.3	36.36	3.42	39.79	310	AGM 1	841.85	AGM 2	56.92	42.000	0.375	0.375	35000		28	0.106					0.319	0.522	6:03	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
447	Girth Weld		1111.88	1137.7	39.79	39.37	39.37	320	AGM 1	845.28	AGM 2	53.50	42.000	0.375	0.375	35000											150																	
448	Metal Loss	Int	1127.56	1153.3	15.68	23.70	39.37	320	AGM 1	860.95	AGM 2	37.82	42.000	0.375	0.375	35000		16	0.061					0.389	0.559	6:05	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
449	Metal Loss	Int	1133.69	1159.4	21.81	17.56	39.37	320	AGM 1	867.09	AGM 2	31.69	42.000	0.375	0.375	35000		19	0.072					0.578	0.704	5:56	150	803	578	450	0.260	1.284	802	577							Pitting			
450	Metal Loss	Int	1137.87	1163.6	25.98	13.39	39.37	320	AGM 1	871.26	AGM 2	27.52	42.000	0.375	0.375	35000		20	0.076					0.315	0.516	5:49	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
451	Girth Weld		1151.26	1176.9	39.37	40.07	40.07	330	AGM 1	884.65	AGM 2	14.13	42.000	0.375	0.375	35000											150																	
452	Above Ground Marker		1165.38	1191.0	14.13	25.95	40.07	330	AGM 1	898.78	AGM 3	834.20	42.000	0.375	0.375	35000											150													AGM # 2 Sta 11+91				
453	Girth Weld		1191.33	1217.0	40.07	39.42	39.42	340	AGM 2	25.95	AGM 3	808.25	42.000	0.375	0.375	35000											150																	
454	Girth Weld		1230.76	1256.5	39.42	40.74	40.74	350	AGM 2	65.37	AGM 3	768.83	42.000	0.375	0.375	35000											150																	
455	Metal Loss	Int	1265.14	1291.0	34.38	6.36	40.74	350	AGM 2	99.75	AGM 3	734.45	42.000	0.375	0.375	35000		16	0.061					0.402	0.558	5:57	150	803	578	450	0.260	1.285	803	578							Pitting			
456	Metal Loss	Int	1268.24	1294.1	37.49	3.26	40.74	350	AGM 2	102.86	AGM 3	731.34	42.000	0.375	0.375	35000		27	0.101					0.698	0.685	5:40	150	801	577	450	0.260	1.282	801	577							Pitting			
457	Metal Loss	Int	1271.21	1297.1	40.45	0.29	40.74	350	AGM 2	105.83	AGM 3	728.37	42.000	0.375	0.375	35000		26	0.097					0.605	0.748	5:41	150	802	577	450	0.260	1.283	802	577							Pitting			
458	Girth Weld		1271.50	1297.3	40.74	39.92	39.92	360	AGM 2	106.12	AGM 3	728.08	42.000	0.375	0.375	35000											150																	
459	Metal Loss	Int	1271.68	1297.5	0.18	39.74	39.92	360	AGM 2	106.30	AGM 3	727.90	42.000	0.375	0.375	35000		32	0.121					0.810	0.758	8:02	150	800	576	450	0.260	1.280	799	575							Pitting			
460	Metal Loss	Int	1281.76	1307.6	10.26	29.66	39.92	360	AGM 2	116.38	AGM 3	717.82	42.000	0.375	0.375	35000		20	0.075					0.574	0.755	5:52	150	803	578	450	0.260	1.284	802	577							Pitting			
461	Metal Loss	Int	1285.52	1311.4	14.02	25.90	39.92	360	AGM 2	120.14	AGM 3	714.07	42.000	0.375	0.375	35000		18	0.066					0.460	0.567	5:48	150	803	578	450	0.260	1.285	803	578							Pitting			
462	Metal Loss	Int	1290.99	1316.9	19.49	20.43	39.92	360	AGM 2	125.61	AGM 3	708.59	42.000	0.375	0.375	35000		18	0.067					0.471	0.565	5:53	150	803	578	450	0.260	1.285	803	578							Pitting			
463	Metal Loss	Int	1295.39	1321.3	23.89	16.03	39.92	360	AGM 2	130.01	AGM 3	704.19	42.000	0.375	0.375	35000		21	0.079					0.819	0.874	5:56	150	801	577	450	0.260	1.282	801	577							Pitting			
464	Metal Loss	Int	1296.71	1322.6	25.20	14.72	39.92	360	AGM 2	131.32	AGM 3	702.88	42.000	0.375	0.375	35000		24	0.091					1.081	1.038	5:51	150	799	575	450	0.261	1.278	798	575							Pitting			
465	Metal Loss	Int	1297.42	1323.3	25.92	14.00	39.92	360	AGM 2	132.03	AGM 3	702.17	42.000	0.375	0.375	35000		18	0.068					1.110	1.060	5:48	150	800	576	450	0.260	1.280	799	575							Pitting			
466	Metal Loss	Int	1297.78	1323.7	26.28	13.64	39.92	360	AGM 2	132.40	AGM 3	701.80	42.000	0.375	0.375	35000		15	0.058					0.870	1.275	5:53	150	802	577	450	0.260	1.283	801	577							Pitting			
467	Metal Loss	Int	1298.60	1324.5	27.10	12.82	39.92	360	AGM 2	133.22	AGM 3	700.98	42.000	0.375	0.375	35000		29	0.110					0.714	0.615	5:46	150	801	577	450	0.260	1.281	800	576							Pitting			
468	Metal Loss	Int	1300.37	1326.3	28.87	11.05	39.92	360	AGM 2	134.99	AGM 3	699.21	42.000	0.375	0.375	35000		28	0.103					0.932	0.831	5:49	150	799	576	450	0.260	1.279	798	575							Pitting			
469	Metal Loss	Int	1303.16	1329.1	31.66	8.26	39.92	360	AGM 2	137.77	AGM 3	696.43	42.000	0.375	0.375	35000		36	0.135					0.811	0.574	5:42	150	799	575	450	0.261	1.278	798	575							Pitting			
470	Metal Loss	Int	1305.34	1331.3	33.84	6.08	39.92	360	AGM 2	139.95	AGM 3	694.25	42.000	0.375	0.375	35000		28	0.107					0.968	0.881	6:20	150	799	575	450	0.261	1.278	798	575							Pitting			
471	Metal Loss	Int	1306.25	1332.2	34.75	5.17	39.92	360	AGM 2	140.87	AGM 3	693.33	42.000	0.375	0.375	35000		18	0.069					0.462	0.571	6:21	150	803	578	450	0.260	1.285	803	578							Pitting			
472	Metal Loss	Int	1308.64	1334.6	37.14	2.78	39.92	360	AGM 2	143.25	AGM 3	690.95	42.000	0.375	0.375	35000		19	0.070					0.941	0.569	5:57	150	801	577	450	0.260	1.282	800	576							Pitting			
473	Metal Loss	Int	1308.81	1334.7	37.31	2.61	39.92	360	AGM 2	143.43	AGM 3	690.77	42.000	0.375	0.375	35000		20	0.077					0.623	0.579	5:59	150	802	578	450	0.260	1.284	802	577							Pitting			
474	Metal Loss	Int	1309.37	1335.3	37.87	2.05	39.92	360	AGM 2	143.98	AGM 3	690.22	42.000	0.375	0.375	35000		15	0.056					0.500	0.558	6:04	150	803	578	450	0.260	1.285	803	578							Pitting			
475	Girth Weld		1311.42	1337.4	39.92	39.15	39.15	370	AGM 2	146.04	AGM 3	688.16	42.000	0.375	0.375	35000											150																	
476	Metal Loss	Int	1311.87	1337.8	0.45	38.71	39.15	370	AGM 2	146.48	AGM 3	687.72	42.000	0.375	0.375	35000		21	0.081					2.375	2.009	6:02	150	787	566	450	0.265	1.259	783	564							General Metal-loss			
477	Metal Loss	Int	1312.16	1338.1	0.74	38.41	39.15	370	AGM 2	146.78	AGM 3	687.42	42.000	0.375	0.375	35000		24	0.090					0.816	0.637	5:59	150	801	577	450	0.260	1.281	800	576							Pitting			
478	Metal Loss	Int	1313.53	1339.5	2.11	37.04	39.15	370	AGM 2	148.14	AGM 3	686.06	42.000	0.375	0.375	35000		21	0.081					1.184	0.748	6:05	150	799	575	450	0.261	1.278	798	575							Pitting			
479	Metal Loss	Int	1313.96	1339.9	2.54	36.61	39.15	370	AGM 2	148.58	AGM 3	685.62	42.000	0.375	0.375	35000		20	0.077					0.959	0.941	5:59	150	801	576	450	0.260	1.281	800	576							Pitting			
480	Metal Loss	Int	1314.22	1340.2	2.80	36.35	39.15	370	AGM 2	148.84	AGM 3	685.36	42.000	0.375	0.375	35000		34	0.127					1.004	0.659	5:56	150	797	574	450	0.261	1.276	796	573							Pitting			
481	Metal Loss	Int	1314.89	1340.8	3.47	35.68	39.15	370	AGM 2	149.50	AGM 3	684.70	42.000	0.375	0.375	35000		38	0.142					0.775	0.636	5:56	150	799	575	450	0.261	1.279	798	575							Pitting			
482	Metal Loss	Int	1315.22	1341.2	3.80	35.36	39.15	370	AGM 2	149.83	AGM 3	684.37	42.000	0.375	0.375	35000		26	0.098					1.662	1.532	5:56	150	792	570	450	0.263	1.267	789	568							General Metal-loss			
483	Metal Loss	Int	1316.17	1342.1	4.75	34.41	39.15	370	AGM 2	150.78	AGM 3	683.42	42.000	0.375	0.375	35000		32	0.118					1.271	0.737	5:41	150	795	572	450	0.262	1.271	792	570							Pitting			
484	Metal Loss	Int	1317.33	1343.3	5.91	33.24	39.15	370	AGM 2	151.94	AGM 3	682.26	42.000	0.375	0.375	35000		18	0.068					0.824	0.830	5:51	150	802	577	450	0.260	1.283	801	577							Pitting			
485	Cluster	Int	1317.66	1343.6	6.24	32.91	39.15	370	AGM 2	152.28	AGM 3	681.92	42.000	0.375	0.375	35000		32	0.121					2.478	3.774	5:51	150	773	557	450	0.269	1.238	770	554						CLS C				
486	Metal Loss	Int	1318.02	1344.0	6.60	32.56	39.15	370	AGM 2	152.63	AGM 3	681.57	42.000	0.375	0.375	35000		17	0.064					0.903	0.731	6:16	150	801	577	450	0.260	1.282	801	577							Pitting			
487	Metal Loss	Int	1319.15	1345.1	7.73	31.42	39.15	370	AGM 2	153.76	AGM 3	680.44	42.000	0.375	0.375	35000		28	0.105					1.149	1.386	6:21	150	797	574	450	0.261	1.276	796	573							Pitting			
488	Metal Loss	Int	1319.66	1345.6	8.24	30.91	39.15	370	AGM 2	154.27	AGM 3	679.93	42.000	0.375	0.375	35000		32	0.122					1.096	1.066	5:58	150	797	574	450	0.261	1.275	795	572							Pitting			
489	Metal Loss	Int	1320.32	1346.3	8.90	30.25	39.15	370	AGM 2	154.94	AGM 3	679.26	42.000	0.375	0.375	35000		17	0.064					0.873	0.590	6:20	150	802	577	450	0.260	1.283	801	577							Pitting			
490	Metal Loss	Int	1321.43	1347.4	10.01	29.14	39.15	370	AGM 2	156.05	AGM 3	678.15	42.000	0.375	0.375	35000		37	0.139					1.255	1.109	6:04	150	793	571	450	0.263	1.268	790	569							Pitting			
491	Metal Loss	Int	1322.26	1348.2	10.84	28.31	39.15	370	AGM 2	156.87	AGM 3	677.33	42.000	0.375	0.375	35000		19	0.070					0.607	0.533	5:40	150	802	578	450	0.260	1.284	802	577							Pitting			
492	Metal Loss	Int	1322.91	1348.9	11.49	27.66	39.15	370	AGM 2	157.53	AGM 3	676.67	42.000	0.375	0.375	35000		18	0.068					0.756	0.653	5:47	150	802	577	450	0.260	1.283	802	577							Pitting			
493	Metal Loss	Int	1323.11	1349.1	11.69	27.46	39.15	370	AGM 2	157.73	AGM 3	676.47	42.000	0.375	0.375	35000		33	0.125					0.693	0.620	6:29	150	801	576	450	0.260	1.281	800	576							Pitting			
494	Metal Loss	Int	1323.40	1349.4	11.98	27.17	39.15	370	AGM 2	158.02	AGM 3	676.18	42.000	0.375	0.375	35000		17	0.064					0.347	0.548	5:54	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
495	Metal Loss	Int	1323.67	1349.6	12.25	26.91	39.15	370	AGM 2	158.28	AGM 3	675.92	42.000	0.375	0.375	35000		33	0.123					0.796	0.673	6:10	150	800	576	450	0.260	1.280	799	575							Pitting			
496	Metal Loss	Int	1324.91	1350.9	13.49	25.66	39.15	370	AGM 2	159.53	AGM 3	674.67	42.000	0.375	0.375	35000		22	0.083					1.249	1.354	6:00	150	798	575	450	0.261	1.277	797	574							General Metal-loss			
497	Cluster	Int	1325.58	1351.5	14.16	25.00	39.15	370	AGM 2	160.19	AGM 3	674.01	42.000	0.375	0.375	35000		26	0.097					1.120	1.975	5:59	150	798	575	450	0.261	1.277	798	575						CLS C				
498	Metal Loss	Int	1326.44	1352.4	15.02	24.13	39.15	370	AGM 2	161.06	AGM 3	673.14	42.000	0.375	0.375	35000		35	0.130					1.123	0.829	5:54	150	795	573	450	0.262	1.273	793	571							Pitting			
499	Metal Loss	Int	1327.10	1353.1	15.68	23.47	39.15	370	AGM 2	161.72	AGM 3	672.48	42.000	0.375	0.375	35000		35	0.130					1.113	1.123	6:10	150	796	573	450	0.262	1.273	794	572							Pitting			
500	Metal Loss	Int	1327.31	1353.3	15.89	23.26	39.15	370	AGM 2	161.93	AGM 3	672.27	42.000	0.375	0.375	35000		24	0.088					0.828	0.698	5:54	150	801	577	450	0.260	1.281	800	576							Pitting			
501	Metal Loss	Int	1327.67	1353.6	16.25	22.90	39.15	370	AGM 2	162.29	AGM 3	671.92	42.000	0.375	0.375	35000		19	0.070					0.960	1.149	6:02	150	801	577	450	0.260	1.281	800	576							Pitting			
502	Metal Loss	Int	1329.15	1355.1	17.73	21.42	39.15	370	AGM 2	163.77	AGM 3	670.43	42.000	0.375	0.375	35000		26	0.098					1.115	0.923	5:58	150	798	575	450	0.261	1.277	797	574							Pitting			
503	Metal Loss	Int	1329.64	1355.6	18.21	20.94	39.15	370	AGM 2	164.25	AGM 3	669.95	42.000	0.375	0.375	35000		34	0.129					0.962	0.804	5:56	150	798	574	450	0.261	1.276	796	573							Pitting			
504	Metal Loss	Int	1330.40	1356.4	18.98	20.17	39.15	370	AGM 2	165.02	AGM 3	669.18	42.000	0.375	0.375	35000		21	0.079					0.857	1.312	6:01	150	801	577	450	0.260	1.282	801	577							Pitting			
505	Cluster	Int	1330.94	1356.9	19.52	19.63	39.15	370	AGM 2	165.56	AGM 3	668.65	42.000	0.375	0.375	35000		21	0.079					1.031	2.062	5:53	150	800	576	450	0.260	1.280	799	575						CLS C				
506	Metal Loss	Int	1331.16	1357.1	19.74	19.41	39.15	370	AGM 2	165.78	AGM 3	668.42	42.000	0.375	0.375	35000		17	0.065					0.847	0.591	5:57	150	802	577	450	0.260	1.283	801	577							Pitting			
507	Metal Loss	Int	1331.34	1357.3	19.92	19.24	39.15	370	AGM 2	165.95	AGM 3	668.25	42.000	0.375	0.375	35000		29	0.108					0.790	0.611	5:51	150	800	576	450	0.260	1.281	800	576							Pitting			
508	Metal Loss	Int	1332.34	1358.3	20.92	18.23	39.15	370	AGM 2	166.96	AGM 3	667.24	42.000	0.375	0.375	35000		15	0.058					0.829	0.735	5:57	150	802	577	450	0.260	1.283	802	577							Pitting			
509	Metal Loss	Int	1334.18	1360.2	22.76	16.39	39.15	370	AGM 2	168.80	AGM 3	665.40	42.000	0.375	0.375	35000		28	0.106					1.085	1.134	6:01	150	798	574	450	0.261	1.277	796	573							Pitting			
510	Metal Loss	Int	1334.61	1360.6	23.19	15.96	39.15	370	AGM 2	169.23	AGM 3	664.97	42.000	0.375	0.375	35000		33	0.125					0.725	0.558	6:02	150	800	576	450	0.260	1.280	799	575							Pitting			
511	Metal Loss	Int	1335.88	1361.9	24.46	14.70	39.15	370	AGM 2	170.49	AGM 3	663.71	42.000	0.375	0.375	35000		20	0.076					0.665	0.619	6:42	150	802	578	450	0.260	1.283	802	577							Pitting			
512	Metal Loss	Int	1336.46	1362.4	25.04	14.11	39.15	370	AGM 2	171.08	AGM 3	663.12	42.000	0.375	0.375	35000		24	0.089					1.267	0.839	5:59	150	797	574	450	0.261	1.276	796	573							Pitting			
513	Metal Loss	Int	1337.01	1363.0	25.59	13.57	39.15	370	AGM 2	171.62	AGM 3	662.58	42.000	0.375	0.375	35000		18	0.067					0.828	0.931	5:46	150	802	577	450	0.260	1.283	801	577							Pitting			
514	Metal Loss	Int	1337.38	1363.4	25.96	13.19	39.15	370	AGM 2	172.00	AGM 3	662.20	42.000	0.375	0.375	35000		19	0.072					0.966	0.747	6:23	150	801	577	450	0.260	1.281	800	576							Pitting			
515	Metal Loss	Int	1337.53	1363.5	26.10	13.05	39.15	370	AGM 2	172.14	AGM 3	662.06	42.000	0.375	0.375	35000		32	0.120					1.051	0.743	5:49	150	797	574	450	0.261	1.276	796	573							Pitting			
516	Metal Loss	Int	1338.41	1364.4	26.99	12.16	39.15	370	AGM 2	173.03	AGM 3	661.17	42.000	0.375	0.375	35000		25	0.094					0.834	0.602	5:51	150	801	576	450	0.260	1.281	800	576							Pitting			
517	Metal Loss	Int	1341.20	1367.2	29.78	9.37	39.15	370	AGM 2	175.82	AGM 3	658.38	42.000	0.375	0.375	35000		20	0.075					0.413	0.552	6:30	150	803	578	450	0.260	1.285	803	578							Pitting			
518	Metal Loss	Int	1341.75	1367.7	30.33	8.83	39.15	370	AGM 2	176.36	AGM 3	657.84	42.000	0.375	0.375	35000		19	0.071					0.807	0.807	5:54	150	802	577	450	0.260	1.283	801	577							Pitting			
519	Metal Loss	Int	1342.22	1368.2	30.80	8.35	39.15	370	AGM 2	176.84	AGM 3	657.36	42.000	0.375	0.375	35000		16	0.061					0.470	0.595	5:56	150	803	578	450	0.260	1.285	803	578							Pitting			
520	Cluster	Int	1343.07	1369.1	31.65	7.50	39.15	370	AGM 2	177.69	AGM 3	656.52	42.000	0.375	0.375	35000		41	0.153					2.415	1.576	6:01	150	763	550	450	0.273	1.222	781	562						CLS C				
521	Metal Loss	Int	1343.53	1369.5	32.11	7.04	39.15	370	AGM 2	178.15	AGM 3	656.05	42.000	0.375	0.375	35000		35	0.131					0.796	0.565	6:04	150	799	576	450	0.260	1.279	798	575							Pitting			
522	Cluster	Int	1345.52	1371.5	34.10	5.05	39.15	370	AGM 2	180.13	AGM 3	654.07	42.000	0.375	0.375	35000		24	0.092					2.537	1.009	6:01	150	782	563	450	0.266	1.250	791	570						CLS C				
523	Metal Loss	Int	1345.62	1371.6	34.20	4.96	39.15	370	AGM 2	180.23	AGM 3	653.97	42.000	0.375	0.375	35000		23	0.087					0.569	0.592	6:21	150	802	578	450	0.260	1.284	802	577							Pitting			
524	Metal Loss	Int	1347.45	1373.5	36.03	3.12	39.15	370	AGM 2	182.07	AGM 3	652.13	42.000	0.375	0.375	35000		17	0.063					0.789	0.661	6:08	150	802	577	450	0.260	1.283	802	577							Pitting			
525	Metal Loss	Int	1347.80	1373.8	36.38	2.77	39.15	370	AGM 2	182.42	AGM 3	651.78	42.000	0.375	0.375	35000		21	0.080					0.948	0.744	5:53	150	800	576	450	0.260	1.281	800	576							Pitting			
526	Metal Loss	Int	1348.27	1374.3	36.85	2.30	39.15	370	AGM 2	182.89	AGM 3	651.31	42.000	0.375	0.375	35000		41	0.155					0.839	0.706	6:20	150	798	574	450	0.261	1.276	796	573							Pitting			
527	Metal Loss	Int	1349.45	1375.5	38.03	1.13	39.15	370	AGM 2	184.06	AGM 3	650.14	42.000	0.375	0.375	35000		17	0.063					0.780	0.601	5:40	150	802	577	450	0.260	1.283	802	577							Pitting			
528	Metal Loss	Int	1350.57	1376.6	39.15	0.01	39.15	370	AGM 2	185.18	AGM 3	649.02	42.000	0.375	0.375	35000		28	0.106					0.943	4.292	6:01	150	799	575	450	0.261	1.279	798	575						On GWD	Circumferential Grooving			
529	Girth Weld		1350.57	1376.6	39.15	39.66	39.66	380	AGM 2	185.19	AGM 3	649.01	42.000	0.375	0.375	35000											150																	
530	Metal Loss	Int	1351.05	1377.1	0.48	39.19	39.66	380	AGM 2	185.66	AGM 3	648.54	42.000	0.375	0.375	35000		21	0.078					1.199	1.385	5:58	150	799	575	450	0.261	1.278	798	575							General Metal-loss			
531	Metal Loss	Int	1351.46	1377.5	0.88	38.78	39.66	380	AGM 2	186.07	AGM 3	648.13	42.000	0.375	0.375	35000		16	0.059					0.875	0.785	5:54	150	802	577	450	0.260	1.283	801	577							Pitting			
532	Metal Loss	Int	1352.47	1378.5	1.89	37.77	39.66	380	AGM 2	187.08	AGM 3	647.12	42.000	0.375	0.375	35000		29	0.111					0.653	0.610	5:50	150	801	577	450	0.260	1.282	801	577							Pitting			
533	Metal Loss	Int	1353.28	1379.3	2.71	36.95	39.66	380	AGM 2	187.90	AGM 3	646.30	42.000	0.375	0.375	35000		24	0.088					0.722	0.623	5:40	150	802	577	450	0.260	1.282	801	577							Pitting			
534	Metal Loss	Int	1354.02	1380.0	3.45	36.22	39.66	380	AGM 2	188.64	AGM 3	645.56	42.000	0.375	0.375	35000		22	0.083					0.744	0.628	5:53	150	802	577	450	0.260	1.282	801	577							Pitting			
535	Metal Loss	Int	1356.55	1382.6	5.98	33.69	39.66	380	AGM 2	191.16	AGM 3	643.04	42.000	0.375	0.375	35000		19	0.072					0.784	0.675	5:51	150	802	577	450	0.260	1.283	801	577							Pitting			

Reported Feature Reference													Pipe Specification					Reported Feature Dimensions									Calculated Values								Classification		XYZ Information							
									Upstream (U/S) Reference		Downstream (D/S) Reference																	Modified B31.G		Design	FRF	RPR	Effective Area				NAD 83		NAVD 88					
Feature Number (sequential order)	Pipeline Feature	INT/ EXT (ID/OD)	Odometer	Station Number	Distance to U/S weld	Distance to D/S weld	Joint Length	Defect Joint Number	Name	Distance from:	Name	Distance to:	Diameter	Nominal Wall Thickness	Measured Wall Thickness	Pipe Grade (SMYS)	Long Seam Orientation	Metal Loss Depth	Metal Loss Depth	Deformation Depth	Deformation Depth	Crack Depth	Crack Depth	Length	Width	Orientation	MOP	Modified B31.G P_{BURST}	Modified B31.G P_{SAFE}	Pressure (72% SMYS)	MOP / P_{SAFE}	P_{BURST} / 100% SMYS	P_{BURST}	P_{SAFE}	Group Number	Group Category	Latitude	Longitude	Elevation	Comments	POF classification	Excavation/ Repair Required	SPLC Notes	Tool Type/ Technology
			(feet)	(feet)	(feet)	(feet)	(feet)			(feet)		(feet)	(inch)	(inch)	(inch)	(psi)		(%)	(inch)	(%)	(inch)	(%)	(inch)	(inch)	(inch)	(O'clock)	(psi)	(psi)	(psi)	(psi)			(psi)	(psi)					(feet)			Target/Yes/AGM		
536	Metal Loss	Int	1357.83	1383.9	7.26	32.41	39.66	380	AGM 2	192.45	AGM 3	641.75	42.000	0.375	0.375	35000		25	0.095					0.808	0.818	6:08	150	801	577	450	0.260	1.281	800	576							Pitting			
537	Metal Loss	Int	1358.67	1384.7	8.09	31.57	39.66	380	AGM 2	193.28	AGM 3	640.92	42.000	0.375	0.375	35000		38	0.143					0.939	0.692	5:59	150	797	574	450	0.261	1.275	795	572							Pitting			
538	Metal Loss	Int	1359.06	1385.1	8.49	31.17	39.66	380	AGM 2	193.68	AGM 3	640.52	42.000	0.375	0.375	35000		38	0.141					0.737	0.733	5:48	150	800	576	450	0.260	1.279	798	575							Pitting			
539	Metal Loss	Int	1360.69	1386.7	10.12	29.54	39.66	380	AGM 2	195.31	AGM 3	638.89	42.000	0.375	0.375	35000		19	0.072					0.652	0.662	5:32	150	802	578	450	0.260	1.284	802	577							Pitting			
540	Metal Loss	Int	1360.93	1387.0	10.35	29.31	39.66	380	AGM 2	195.54	AGM 3	638.66	42.000	0.375	0.375	35000		20	0.076					0.818	0.759	5:39	150	801	577	450	0.260	1.282	801	577							Pitting			
541	Metal Loss	Int	1361.13	1387.2	10.56	29.11	39.66	380	AGM 2	195.75	AGM 3	638.46	42.000	0.375	0.375	35000		24	0.091					0.776	0.706	5:46	150	801	577	450	0.260	1.282	801	577							Pitting			
542	Metal Loss	Int	1361.43	1387.5	10.85	28.81	39.66	380	AGM 2	196.04	AGM 3	638.16	42.000	0.375	0.375	35000		23	0.087					0.977	1.347	5:52	150	800	576	450	0.260	1.280	799	575							Pitting			
543	Metal Loss	Int	1362.42	1388.5	11.84	27.82	39.66	380	AGM 2	197.03	AGM 3	637.17	42.000	0.375	0.375	35000		41	0.154					0.489	0.547	5:28	150	802	577	450	0.260	1.282	801	577							Pitting			
544	Metal Loss	Int	1364.85	1390.9	14.28	25.39	39.66	380	AGM 2	199.47	AGM 3	634.73	42.000	0.375	0.375	35000		16	0.059					0.546	0.541	5:38	150	803	578	450	0.260	1.285	803	578							Pitting			
545	Metal Loss	Int	1365.25	1391.3	14.68	24.99	39.66	380	AGM 2	199.87	AGM 3	634.33	42.000	0.375	0.375	35000		23	0.087					0.858	0.734	6:05	150	801	577	450	0.260	1.281	800	576							Pitting			
546	Metal Loss	Int	1366.33	1392.4	15.76	23.90	39.66	380	AGM 2	200.95	AGM 3	633.25	42.000	0.375	0.375	35000		17	0.063					0.732	0.602	6:08	150	802	578	450	0.260	1.283	802	577							Pitting			
547	Metal Loss	Int	1366.75	1392.8	16.18	23.49	39.66	380	AGM 2	201.36	AGM 3	632.84	42.000	0.375	0.375	35000		19	0.073					0.837	0.604	6:08	150	801	577	450	0.260	1.282	801	577							Pitting			
548	Metal Loss	Int	1367.28	1393.3	16.71	22.95	39.66	380	AGM 2	201.90	AGM 3	632.30	42.000	0.375	0.375	35000		29	0.107					0.905	0.823	6:10	150	799	576	450	0.260	1.279	798	575							Pitting			
549	Metal Loss	Int	1368.04	1394.1	17.47	22.20	39.66	380	AGM 2	202.66	AGM 3	631.54	42.000	0.375	0.375	35000		26	0.099					1.137	0.808	5:38	150	798	574	450	0.261	1.277	797	574							Pitting			
550	Metal Loss	Int	1369.62	1395.7	19.05	20.61	39.66	380	AGM 2	204.24	AGM 3	629.96	42.000	0.375	0.375	35000		18	0.066					0.900	0.687	6:06	150	801	577	450	0.260	1.282	801	577							Pitting			
551	Metal Loss	Int	1369.71	1395.8	19.13	20.53	39.66	380	AGM 2	204.32	AGM 3	629.88	42.000	0.375	0.375	35000		18	0.067					0.531	0.578	5:45	150	803	578	450	0.260	1.284	803	578							Pitting			
552	Metal Loss	Int	1369.88	1395.9	19.30	20.36	39.66	380	AGM 2	204.49	AGM 3	629.71	42.000	0.375	0.375	35000		19	0.070					1.238	1.109	5:46	150	799	575	450	0.261	1.279	798	575							Pitting			
553	Metal Loss	Int	1371.88	1397.9	21.30	18.36	39.66	380	AGM 2	206.49	AGM 3	627.71	42.000	0.375	0.375	35000		26	0.099					0.586	0.594	5:47	150	802	577	450	0.260	1.283	802	577							Pitting			
554	Metal Loss	Int	1372.53	1398.6	21.95	17.71	39.66	380	AGM 2	207.14	AGM 3	627.06	42.000	0.375	0.375	35000		36	0.133					0.979	0.895	5:52	150	797	574	450	0.261	1.275	795	572							Pitting			
555	Metal Loss	Int	1373.28	1399.3	22.70	16.96	39.66	380	AGM 2	207.89	AGM 3	626.31	42.000	0.375	0.375	35000		23	0.085					0.454	0.559	5:34	150	803	578	450	0.260	1.284	803	578							Pitting			
556	Metal Loss	Int	1373.69	1399.8	23.12	16.55	39.66	380	AGM 2	208.30	AGM 3	625.90	42.000	0.375	0.375	35000		21	0.079					0.743	0.796	6:07	150	802	577	450	0.260	1.283	801	577							Pitting			
557	Metal Loss	Int	1376.29	1402.4	25.71	13.95	39.66	380	AGM 2	210.90	AGM 3	623.30	42.000	0.375	0.375	35000		29	0.110					1.094	0.763	5:56	150	797	574	450	0.261	1.276	796	573							Pitting			
558	Metal Loss	Int	1377.51	1403.6	26.94	12.73	39.66	380	AGM 2	212.13	AGM 3	622.07	42.000	0.375	0.375	35000		30	0.112					0.880	0.821	5:55	150	799	576	450	0.260	1.279	798	575							Pitting			
559	Metal Loss	Int	1378.98	1405.1	28.40	11.26	39.66	380	AGM 2	213.59	AGM 3	620.61	42.000	0.375	0.375	35000		32	0.119					0.771	0.634	6:08	150	800	576	450	0.260	1.280	799	575							Pitting			
560	Metal Loss	Int	1382.06	1408.1	31.49	8.18	39.66	380	AGM 2	216.68	AGM 3	617.52	42.000	0.375	0.375	35000		27	0.100					0.964	0.760	5:52	150	799	576	450	0.260	1.279	798	575							Pitting			
561	Metal Loss	Int	1383.99	1410.1	33.42	6.24	39.66	380	AGM 2	218.61	AGM 3	615.59	42.000	0.375	0.375	35000		25	0.093					1.008	1.253	6:00	150	799	576	450	0.260	1.279	798	575							Pitting			
562	Metal Loss	Int	1385.14	1411.2	34.57	5.10	39.66	380	AGM 2	219.76	AGM 3	614.44	42.000	0.375	0.375	35000		33	0.125					0.860	0.708	6:05	150	799	575	450	0.261	1.278	798	575							Pitting			
563	Metal Loss	Int	1386.79	1412.9	36.22	3.45	39.66	380	AGM 2	221.40	AGM 3	612.80	42.000	0.375	0.375	35000		22	0.081					0.825	0.730	5:55	150	801	577	450	0.260	1.282	801	577							Pitting			
564	Metal Loss	Int	1387.13	1413.2	36.55	3.11	39.66	380	AGM 2	221.74	AGM 3	612.46	42.000	0.375	0.375	35000		24	0.091					1.072	1.638	5:52	150	799	575	450	0.261	1.278	798	575							Pitting			
565	Metal Loss	Int	1389.74	1415.8	39.17	0.50	39.66	380	AGM 2	224.35	AGM 3	609.85	42.000	0.375	0.375	35000		29	0.107					0.702	0.562	5:49	150	801	577	450	0.260	1.282	800	576							Pitting			
566	Metal Loss	Int	1389.90	1416.0	39.33	0.34	39.66	380	AGM 2	224.52	AGM 3	609.68	42.000	0.375	0.375	35000		22	0.083					0.546	0.571	5:43	150	802	578	450	0.260	1.284	802	577							Pitting			
567	Girth Weld		1390.24	1416.3	39.66	40.23	40.23	390	AGM 2	224.85	AGM 3	609.35	42.000	0.375	0.375	35000											150																	
568	Metal Loss	Int	1390.38	1416.5	0.15	40.08	40.23	390	AGM 2	225.00	AGM 3	609.20	42.000	0.375	0.375	35000		17	0.065					0.693	0.788	5:51	150	802	578	450	0.260	1.284	802	577						Near GWD	Pitting			
569	Metal Loss	Int	1391.30	1417.4	1.06	39.16	40.23	390	AGM 2	225.92	AGM 3	608.28	42.000	0.375	0.375	35000		24	0.089					0.580	0.602	6:19	150	802	578	450	0.260	1.284	802	577							Pitting			
570	Metal Loss	Int	1395.44	1421.6	5.21	35.02	40.23	390	AGM 2	230.06	AGM 3	604.14	42.000	0.375	0.375	35000		16	0.061					0.315	0.518	5:48	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
571	Metal Loss	Int	1409.38	1435.5	19.15	21.08	40.23	390	AGM 2	244.00	AGM 3	590.20	42.000	0.375	0.375	35000		19	0.071					0.377	0.543	6:02	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
572	Metal Loss	Int	1421.73	1447.9	31.50	8.73	40.23	390	AGM 2	256.35	AGM 3	577.85	42.000	0.375	0.375	35000		20	0.073					0.315	0.529	5:53	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
573	Girth Weld		1430.47	1456.7	40.23	40.95	40.95	400	AGM 2	265.08	AGM 3	569.12	42.000	0.375	0.375	35000											150																	
574	Metal Loss	Int	1431.27	1457.5	0.80	40.15	40.95	400	AGM 2	265.88	AGM 3	568.32	42.000	0.375	0.375	35000		18	0.069					0.433	0.576	6:04	150	803	578	450	0.260	1.285	803	578							Pitting			
575	Metal Loss	Int	1432.02	1458.2	1.56	39.39	40.95	400	AGM 2	266.64	AGM 3	567.56	42.000	0.375	0.375	35000		20	0.076					0.510	0.617	5:55	150	803	578	450	0.260	1.284	803	578							Pitting			
576	Metal Loss	Int	1435.11	1461.3	4.65	36.30	40.95	400	AGM 2	269.73	AGM 3	564.47	42.000	0.375	0.375	35000		19	0.072					0.719	1.031	6:03	150	802	577	450	0.260	1.283	802	577							Pitting			
577	Metal Loss	Int	1451.89	1478.1	21.43	19.52	40.95	400	AGM 2	286.51	AGM 3	547.69	42.000	0.375	0.375	35000		21	0.080					0.381	0.553	6:17	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
578	Metal Loss	Int	1461.82	1488.1	31.35	9.60	40.95	400	AGM 2	296.43	AGM 3	537.77	42.000	0.375	0.375	35000		37	0.137					0.900	0.931	6:02	150	798	574	450	0.261	1.277	796	573							Pitting			
579	Metal Loss	Int	1469.12	1495.4	38.65	2.30	40.95	400	AGM 2	303.74	AGM 3	530.47	42.000	0.375	0.375	35000		23	0.086					0.588	0.643	6:06	150	802	578	450	0.260	1.284	802	577							Pitting			
580	Girth Weld		1471.42	1497.7	40.95	40.59	40.59	410	AGM 2	306.03	AGM 3	528.17	42.000	0.375	0.375	35000											150																	
581	Metal Loss	Int	1480.44	1506.7	9.02	31.57	40.59	410	AGM 2	315.05	AGM 3	519.15	42.000	0.375	0.375	35000		17	0.065					0.531	0.705	6:07	150	803	578	450	0.260	1.284	803	578							Pitting			
582	Metal Loss	Int	1489.75	1516.1	18.33	22.26	40.59	410	AGM 2	324.37	AGM 3	509.83	42.000	0.375	0.375	35000		21	0.079					0.396	0.549	6:04	150	803	578	450	0.260	1.285	803	578							Pitting			
583	Girth Weld		1512.01	1538.4	40.59	38.50	38.50	420	AGM 2	346.62	AGM 3	487.58	42.000	0.375	0.375	35000											150																	
584	Metal Loss	Int	1512.65	1539.0	0.64	37.86	38.50	420	AGM 2	347.27	AGM 3	486.93	42.000	0.375	0.375	35000		18	0.068					0.472	0.567	5:47	150	803	578	450	0.260	1.285	803	578							Pitting			
585	Metal Loss	Int	1513.32	1539.7	1.32	37.19	38.50	420	AGM 2	347.94	AGM 3	486.26	42.000	0.375	0.375	35000		22	0.083					0.315	0.513	5:23	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
586	Metal Loss	Int	1513.97	1540.3	1.96	36.54	38.50	420	AGM 2	348.59	AGM 3	485.61	42.000	0.375	0.375	35000		22	0.081					0.482	0.567	5:50	150	803	578	450	0.260	1.284	803	578							Pitting			
587	Metal Loss	Int	1516.65	1543.0	4.64	33.86	38.50	420	AGM 2	351.26	AGM 3	482.94	42.000	0.375	0.375	35000		26	0.096					0.498	0.568	6:06	150	802	578	450	0.260	1.284	802	577							Pitting			
588	Metal Loss	Int	1518.89	1545.3	6.88	31.62	38.50	420	AGM 2	353.50	AGM 3	480.70	42.000	0.375	0.375	35000		22	0.082					0.417	0.550	6:04	150	803	578	450	0.260	1.285	803	578							Pitting			
589	Metal Loss	Int	1528.96	1555.4	16.95	21.55	38.50	420	AGM 2	363.57	AGM 3	470.63	42.000	0.375	0.375	35000		24	0.091					0.468	0.627	6:02	150	803	578	450	0.260	1.284	802	577							Pitting			
590	Metal Loss	Int	1529.18	1555.6	17.18	21.32	38.50	420	AGM 2	363.80	AGM 3	470.40	42.000	0.375	0.375	35000		24	0.091					0.631	0.596	6:04	150	802	577	450	0.260	1.283	802	577							Pitting			
591	Metal Loss	Int	1532.26	1558.7	20.25	18.25	38.50	420	AGM 2	366.88	AGM 3	467.32	42.000	0.375	0.375	35000		17	0.063					0.474	0.564	6:04	150	803	578	450	0.260	1.285	803	578							Pitting			
592	Metal Loss	Int	1532.85	1559.3	20.85	17.65	38.50	420	AGM 2	367.47	AGM 3	466.73	42.000	0.375	0.375	35000		33	0.126					0.694	0.925	6:05	150	801	576	450	0.260	1.281	800	576							Pitting			
593	Metal Loss	Int	1537.15	1563.6	25.15	13.35	38.50	420	AGM 2	371.77	AGM 3	462.43	42.000	0.375	0.375	35000		33	0.123					0.639	0.697	6:02	150	801	577	450	0.260	1.282	800	576							Pitting			
594	Girth Weld		1550.51	1577.0	38.50	39.97	39.97	430	AGM 2	385.12	AGM 3	449.08	42.000	0.375	0.375	35000											150																	
595	Metal Loss	Int	1551.71	1578.2	1.20	38.77	39.97	430	AGM 2	386.33	AGM 3	447.88	42.000	0.375	0.375	35000		20	0.076					0.484	0.567	6:19	150	803	578	450	0.260	1.284	803	578							Pitting			
596	Metal Loss	Int	1559.69	1586.2	9.18	30.79	39.97	430	AGM 2	394.30	AGM 3	439.90	42.000	0.375	0.375	35000		30	0.114					0.621	0.705	6:02	150	801	577	450	0.260	1.282	801	577							Pitting			
597	Metal Loss	Int	1563.38	1589.9	12.87	27.10	39.97	430	AGM 2	397.99	AGM 3	436.21	42.000	0.375	0.375	35000		41	0.154					0.592	0.679	6:00	150	801	576	450	0.260	1.281	800	576							Pitting			
598	Metal Loss	Int	1564.34	1590.8	13.84	26.14	39.97	430	AGM 2	398.96	AGM 3	435.24	42.000	0.375	0.375	35000		17	0.065					0.343	0.531	6:12	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
599	Metal Loss	Int	1565.41	1591.9	14.90	25.07	39.97	430	AGM 2	400.02	AGM 3	434.18	42.000	0.375	0.375	35000		20	0.073					0.315	0.537	6:02	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
600	Metal Loss	Int	1578.81	1605.3	28.30	11.67	39.97	430	AGM 2	413.43	AGM 3	420.78	42.000	0.375	0.375	35000		34	0.127					0.994	1.363	6:05	150	797	574	450	0.261	1.276	796	573							Pitting			
601	Girth Weld		1590.48	1617.0	39.97	40.97	40.97	440	AGM 2	425.09	AGM 3	409.11	42.000	0.375	0.375	35000											150																	
602	Metal Loss	Int	1590.50	1617.0	0.02	40.95	40.97	440	AGM 2	425.11	AGM 3	409.09	42.000	0.375	0.375	35000		28	0.104					0.988	2.341	6:04	150	799	575	450	0.261	1.278	798	575						On GWD	Circumferential Grooving			
603	Metal Loss	Int	1592.33	1618.9	1.85	39.12	40.97	440	AGM 2	426.94	AGM 3	407.26	42.000	0.375	0.375	35000		17	0.065					0.515	0.577	6:22	150	803	578	450	0.260	1.285	803	578							Pitting			
604	Metal Loss	Int	1593.64	1620.2	3.16	37.80	40.97	440	AGM 2	428.26	AGM 3	405.94	42.000	0.375	0.375	35000		22	0.082					0.325	0.550	6:20	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
605	Metal Loss	Int	1596.13	1622.7	5.65	35.31	40.97	440	AGM 2	430.75	AGM 3	403.45	42.000	0.375	0.375	35000		30	0.114					0.523	0.569	5:55	150	802	577	450	0.260	1.283	802	577							Pitting			
606	Metal Loss	Int	1596.38	1622.9	5.90	35.07	40.97	440	AGM 2	430.99	AGM 3	403.21	42.000	0.375	0.375	35000		18	0.068					0.910	1.093	6:20	150	801	577	450	0.260	1.282	801	577							Pitting			
607	Metal Loss	Int	1597.47	1624.0	6.99	33.97	40.97	440	AGM 2	432.09	AGM 3	402.11	42.000	0.375	0.375	35000		36	0.134					0.954	0.719	5:59	150	797	574	450	0.261	1.276	796	573							Pitting			
608	Metal Loss	Int	1601.74	1628.3	11.26	29.71	40.97	440	AGM 2	436.35	AGM 3	397.85	42.000	0.375	0.375	35000		33	0.123					0.968	0.813	6:11	150	798	575	450	0.261	1.277	797	574							Pitting			
609	Metal Loss	Int	1601.96	1628.5	11.48	29.49	40.97	440	AGM 2	436.57	AGM 3	397.63	42.000	0.375	0.375	35000		17	0.066					0.315	0.539	6:16	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
610	Metal Loss	Int	1604.61	1631.2	14.13	26.84	40.97	440	AGM 2	439.22	AGM 3	394.98	42.000	0.375	0.375	35000		33	0.124					0.508	0.571	6:15	150	802	577	450	0.260	1.283	802	577							Pitting			
611	Metal Loss	Int	1608.45	1635.0	17.97	23.00	40.97	440	AGM 2	443.07	AGM 3	391.13	42.000	0.375	0.375	35000		24	0.091					0.560	0.591	6:11	150	802	578	450	0.260	1.284	802	577							Pitting			
612	Metal Loss	Int	1608.78	1635.4	18.30	22.66	40.97	440	AGM 2	443.40	AGM 3	390.80	42.000	0.375	0.375	35000		23	0.088					0.930	1.401	6:03	150	800	576	450	0.260	1.280	799	575							Pitting			
613	Metal Loss	Int	1609.43	1636.0	18.95	22.02	40.97	440	AGM 2	444.04	AGM 3	390.16	42.000	0.375	0.375	35000		23	0.086					0.399	0.605	5:59	150	803	578	450	0.260	1.285	803	578							Pitting			
614	Metal Loss	Int	1611.56	1638.1	21.08	19.89	40.97	440	AGM 2	446.17	AGM 3	388.03	42.000	0.375	0.375	35000		15	0.057					0.521	0.617	6:07	150	803	578	450	0.260	1.285	803	578							Pitting			
615	Metal Loss	Int	1612.13	1638.7	21.65	19.32	40.97	440	AGM 2	446.74	AGM 3	387.46	42.000	0.375	0.375	35000		31	0.116					1.039	1.631	6:10	150	798	574	450	0.261	1.276	796	573							Pitting			
616	Metal Loss	Int	1613.37	1640.0	22.90	18.07	40.97	440	AGM 2	447.99	AGM 3	386.21	42.000	0.375	0.375	35000		35	0.130					1.279	0.860	6:04	150	793	571	450	0.263	1.269	790	569							Pitting			
617	Metal Loss	Int	1615.15	1641.7	24.67	16.30	40.97	440	AGM 2	449.76	AGM 3	384.44	42.000	0.375	0.375	35000		29	0.109					0.553	0.689	6:04	150	802	577	450	0.260	1.283	802	577							Pitting			
618	Metal Loss	Int	1618.94	1645.5	28.46	12.51	40.97	440	AGM 2	453.56	AGM 3	380.64	42.000	0.375	0.375	35000		40	0.150					1.143	1.147	6:09	150	793	571	450	0.263	1.269	790	569							Pitting			
619	Metal Loss	Int	1621.32	1647.9	30.84	10.13	40.97	440	AGM 2	455.93	AGM 3	378.27	42.000	0.375	0.375	35000		25	0.095					1.083	1.079	6:08	150	799	575	450	0.261	1.278	797	574							Pitting			
620	Metal Loss	Int	1621.57	1648.2	31.09	9.87	40.97	440	AGM 2	456.19	AGM 3	378.01	42.000	0.375	0.375	35000		25	0.095					1.217	1.167	6:09	150	797	574	450	0.261	1.276	796	573							Pitting			
621	Metal Loss	Int	1622.29	1648.9	31.81	9.16	40.97	440	AGM 2	456.90	AGM 3	377.30	42.000	0.375	0.375	35000		21	0.078					0.957	0.727	5:55	150	801	576	450	0.260	1.281	800	576							Pitting			
622	Metal Loss	Int	1623.54	1650.1	33.06	7.91	40.97	440	AGM 2	458.15	AGM 3	376.05	42.000	0.375	0.375	35000		16	0.061					1.583	1.681	6:11	150	798	574	450	0.261	1.276	796	573							General Metal-loss			
623	Metal Loss	Int	1626.61	1653.2	36.13	4.84	40.97	440	AGM 2	461.22	AGM 3	372.98	42.000	0.375	0.375	35000		48	0.182					0.987	0.695	6:05	150	793	571	450	0.263	1.269	790	569							Pitting			
624	Metal Loss	Int	1627.19	1653.8	36.71	4.26	40.97	440	AGM 2	461.80	AGM 3	372.40	42.000	0.375	0.375	35000		40	0.152					1.091	0.942	6:04	150	794	572	450	0.262	1.270	791	570							Pitting			
625	Metal Loss	Int	1630.33	1656.9	39.85	1.12	40.97	440	AGM 2	464.95	AGM 3	369.25	42.000	0.375	0.375	35000		35	0.131					0.863	0.979	6:05	150	799	575	450	0.261	1.278	797	574							Pitting			
626	Cluster	Int	1631.43	1658.1	40.95	0.01	40.97	440	AGM 2	466.05	AGM 3	368.15	42.000	0.375	0.375	35000		26	0.096					1.131	4.389	6:18	150	798	575	450	0.261	1.277	797	574						CLS C I On GWD				
627	Girth Weld		1631.45	1658.1	40.97	40.42	40.42	450	AGM 2	466.06	AGM 3	368.14	42.000	0.375	0.375	35000											150																	
628	Metal Loss	Int	1640.14	1666.8	8.70	31.72	40.42	450	AGM 2	474.76	AGM 3	359.44	42.000	0.375	0.375	35000		20	0.073					0.463	0.563	6:16	150	803	578	450	0.260	1.285	803	578							Pitting			
629	Metal Loss	Int	1642.54	1669.2	11.10	29.32	40.42	450	AGM 2	477.16	AGM 3	357.04	42.000	0.375	0.375	35000		28	0.106					0.499	0.570	6:16	150	802	578	450	0.260	1.284	802	577							Pitting			
630	Metal Loss	Int	1643.27	1669.9	11.83	28.59	40.42	450	AGM 2	477.89	AGM 3	356.31	42.000	0.375	0.375	35000		19	0.070					0.556	0.590	6:20	150	803	578	450	0.260	1.284	802	577							Pitting			
631	Metal Loss	Int	1644.34	1671.0	12.90	27.52	40.42	450	AGM 2	478.96	AGM 3	355.24	42.000	0.375	0.375	35000		26	0.097					0.871	1.061	6:13	150	800	576	450	0.260	1.280	799	575							Pitting			
632	Metal Loss	Int	1646.07	1672.7	14.63	25.79	40.42	450	AGM 2	480.69	AGM 3	353.51	42.000	0.375	0.375	35000		16	0.060					0.365	0.548	5:59	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
633	Metal Loss	Int	1646.42	1673.1	14.98	25.44	40.42	450	AGM 2	481.04	AGM 3	353.16	42.000	0.375	0.375	35000		29	0.107					0.551	0.610	6:24	150	802	577	450	0.260	1.283	802	577							Pitting			
634	Metal Loss	Int	1646.57	1673.2	15.13	25.29	40.42	450	AGM 2	481.19	AGM 3	353.01	42.000	0.375	0.375	35000		21	0.078					0.634	0.612	6:20	150	802	578	450	0.260	1.284	802	577							Pitting			
635	Metal Loss	Int	1646.92	1673.6	15.48	24.94	40.42	450	AGM 2	481.54	AGM 3	352.66	42.000	0.375	0.375	35000		21	0.077					0.452	0.560	6:25	150	803	578	450	0.260	1.285	803	578							Pitting			
636	Metal Loss	Int	1648.19	1674.8	16.75	23.67	40.42	450	AGM 2	482.81	AGM 3	351.39	42.000	0.375	0.375	35000		30	0.114					0.957	0.893	6:18	150	799	575	450	0.261	1.278	797	574							Pitting			
637	Metal Loss	Int	1648.53	1675.2	17.08	23.34	40.42	450	AGM 2	483.14	AGM 3	351.06	42.000	0.375	0.375	35000		22	0.082					0.834	0.684	6:11	150	801	577	450	0.260	1.282	801	577							Pitting			
638	Metal Loss	Int	1650.87	1677.5	19.42	20.99	40.42	450	AGM 2	485.49	AGM 3	348.71	42.000	0.375	0.375	35000		18	0.067					1.027	1.040	6:02	150	801	576	450	0.260	1.281	800	576							Pitting			
639	Metal Loss	Int	1652.51	1679.2	21.06	19.36	40.42	450	AGM 2	487.12	AGM 3	347.08	42.000	0.375	0.375	35000		15	0.058					0.578	0.597	6:19	150	803	578	450	0.260	1.284	803	578							Pitting			
640	Metal Loss	Int	1652.73	1679.4	21.28	19.13	40.42	450	AGM 2	487.35	AGM 3	346.86	42.000	0.375	0.375	35000		27	0.100					0.717	0.689	6:00	150	801	577	450	0.260	1.282	801	577							Pitting			
641	Metal Loss	Int	1655.08	1681.8	23.64	16.78	40.42	450	AGM 2	489.70	AGM 3	344.50	42.000	0.375	0.375	35000		29	0.110					1.138	1.079	6:14	150	797	574	450	0.261	1.275	795	572							Pitting			
642	Metal Loss	Int	1656.97	1683.6	25.53	14.89	40.42	450	AGM 2	491.59	AGM 3	342.61	42.000	0.375	0.375	35000		36	0.136					1.588	1.464	6:07	150	787	567	450	0.265	1.259	783	564							General Metal-loss			
643	Metal Loss	Int	1659.82	1686.5	28.37	12.05	40.42	450	AGM 2	494.43	AGM 3	339.77	42.000	0.375	0.375	35000		15	0.058					0.782	0.635	6:15	150	802	578	450	0.260	1.283	802	577							Pitting			
644	Metal Loss	Int	1660.18	1686.9	28.73	11.69	40.42	450	AGM 2	494.79	AGM 3	339.41	42.000	0.375	0.375	35000		15	0.057					0.686	0.762	6:18	150	802	578	450	0.260	1.284	802	577							Pitting			
645	Metal Loss	Int	1660.54	1687.2	29.09	11.33	40.42	450	AGM 2	495.15	AGM 3	339.05	42.000	0.375	0.375	35000		22	0.084					1.373	1.389	6:01	150	797	574	450	0.261	1.275	795	572							General Metal-loss			
646	Metal Loss	Int	1661.45	1688.1	30.00	10.42	40.42	450	AGM 2	496.06	AGM 3	338.14	42.000	0.375	0.375	35000		51	0.190					1.151	0.775	6:00	150	788	568	450	0.264	1.261	783	564							Pitting			
647	Metal Loss	Int	1661.79	1688.5	30.34	10.08	40.42	450	AGM 2	496.40	AGM 3	337.80	42.000	0.375	0.375	35000		31	0.115					1.239	1.440	6:02	150	795	573	450	0.262	1.273	793	571							General Metal-loss			
648	Metal Loss	Int	1668.64	1695.3	37.19	3.23	40.42	450	AGM 2	503.25	AGM 3	330.95	42.000	0.375	0.375	35000		29	0.109					1.049	1.189	6:05	150	798	575	450	0.261	1.277	797	574							Pitting			
649	Metal Loss	Int	1669.53	1696.2	38.09	2.33	40.42	450	AGM 2	504.15	AGM 3	330.05	42.000	0.375	0.375	35000		23	0.088					1.421	1.194	6:07	150	796	573	450	0.262	1.274	794	572							General Metal-loss			
650	Cluster	Int	1671.81	1698.5	40.36	0.05	40.42	450	AGM 2	506.43	AGM 3	327.78	42.000	0.375	0.375	35000		42	0.158					0.666	2.560	6:06	150	800	576	450	0.260	1.280	799	575						CLS C I On GWD				
651	Girth Weld		1671.86	1698.6	40.42	16.87	16.87	460	AGM 2	506.48	AGM 3	327.72	42.000	0.375	0.375	35000											150																	
652	Metal Loss	Int	1678.04	1704.8	6.17	10.69	16.87	460	AGM 2	512.66	AGM 3	321.55	42.000	0.375	0.375	35000		28	0.104					0.545	0.631	6:05	150	802	578	450	0.260	1.283	802	577							Pitting			
653	Metal Loss	Int	1684.86	1711.6	12.99	3.87	16.87	460	AGM 2	519.47	AGM 3	314.73	42.000	0.375	0.375	35000		21	0.078					0.348	0.536	5:57	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
654	Metal Loss	Int	1688.69	1715.4	16.83	0.04	16.87	460	AGM 2	523.31	AGM 3	310.89	42.000	0.375	0.375	35000		22	0.083					0.382	1.040	6:05	150	803	578	450	0.260	1.285	803	578						On GWD	Circumferential Slotting			
655	Girth Weld		1688.73	1715.5	16.87	32.79	32.79	470	AGM 2	523.35	AGM 3	310.85	42.000	0.375	0.375	35000											150																	
656	Metal Loss	Int	1689.70	1716.4	0.96	31.83	32.79	470	AGM 2	524.31	AGM 3	309.89	42.000	0.375	0.375	35000		23	0.087					0.638	0.538	5:49	150	802	577	450	0.260	1.283	802	577							Pitting			
657	Metal Loss	Int	1690.18	1716.9	1.44	31.35	32.79	470	AGM 2	524.79	AGM 3	309.41	42.000	0.375	0.375	35000		18	0.066					0.315	0.549	5:49	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
658	Metal Loss	Int	1695.81	1722.6	7.08	25.71	32.79	470	AGM 2	530.43	AGM 3	303.77	42.000	0.375	0.375	35000		25	0.095					1.121	1.108	6:03	150	798	575	450	0.261	1.277	797	574							Pitting			
659	Metal Loss	Int	1705.44	1732.2	16.71	16.08	32.79	470	AGM 2	540.05	AGM 3	294.15	42.000	0.375	0.375	35000		33	0.122					0.694	0.662	6:06	150	801	576	450	0.260	1.281	800	576							Pitting			
660	Metal Loss	Int	1706.81	1733.6	18.08	14.71	32.79	470	AGM 2	541.42	AGM 3	292.78	42.000	0.375	0.375	35000		29	0.110					0.699	0.926	5:43	150	801	577	450	0.260	1.282	800	576							Pitting			
661	Metal Loss	Int	1712.90	1739.7	24.17	8.62	32.79	470	AGM 2	547.52	AGM 3	286.68	42.000	0.375	0.375	35000		22	0.084					0.315	0.547	5:42	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
662	Metal Loss	Int	1721.31	1748.1	32.58	0.21	32.79	470	AGM 2	555.93	AGM 3	278.27	42.000	0.375	0.375	35000		20	0.074					0.602	0.979	6:00	150	802	578	450	0.260	1.284	802	577						Near GWD	Pitting			
663	Girth Weld		1721.52	1748.3	32.79	38.34	38.34	480	AGM 2	556.14	AGM 3	278.06	42.000	0.375	0.375	35000											150																	
664	Girth Weld		1759.87	1786.8	38.34	39.49	39.49	490	AGM 2	594.48	AGM 3	239.72	42.000	0.375	0.375	35000											150																	
665	Metal Loss	Int	1765.16	1792.1	5.29	34.20	39.49	490	AGM 2	599.77	AGM 3	234.43	42.000	0.375	0.375	35000		31	0.116					0.648	0.754	6:01	150	801	577	450	0.260	1.282	801	577							Pitting			
666	Metal Loss	Int	1765.47	1792.4	5.60	33.89	39.49	490	AGM 2	600.08	AGM 3	234.12	42.000	0.375	0.375	35000		30	0.112					0.642	0.623	5:55	150	801	577	450	0.260	1.282	801	577							Pitting			
667	Metal Loss	Int	1767.32	1794.2	7.46	32.03	39.49	490	AGM 2	601.94	AGM 3	232.26	42.000	0.375	0.375	35000		22	0.084					0.418	0.600	3:42	150	803	578	450	0.260	1.285	803	578							Pitting			
668	Metal Loss	Int	1790.90	1817.9	31.04	8.45	39.49	490	AGM 2	625.52	AGM 3	208.68	42.000	0.375	0.375	35000		25	0.093					0.773	1.071	6:06	150	801	577	450	0.260	1.282	800	576							Pitting			
669	Metal Loss	Int	1792.88	1819.8	33.01	6.47	39.49	490	AGM 2	627.50	AGM 3	206.70	42.000	0.375	0.375	35000		15	0.057					0.315	0.539	6:03	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
670	Metal Loss	Int	1793.92	1820.9	34.05	5.44	39.49	490	AGM 2	628.53	AGM 3	205.67	42.000	0.375	0.375	35000		30	0.114					0.868	0.558	6:05	150	799	576	450	0.260	1.279	798	575							Pitting			
671	Girth Weld		1799.35	1826.3	39.49	40.56	40.56	500	AGM 2	633.97	AGM 3	200.23	42.000	0.375	0.375	35000											150																	
672	Metal Loss	Int	1799.38	1826.4	0.03	40.53	40.56	500	AGM 2	634.00	AGM 3	200.20	42.000	0.375	0.375	35000		19	0.070					1.265	1.707	6:12	150	799	575	450	0.261	1.278	798	575						On GWD	General Metal-loss			
673	Metal Loss	Int	1800.60	1827.6	1.24	39.32	40.56	500	AGM 2	635.21	AGM 3	198.99	42.000	0.375	0.375	35000		20	0.075					0.573	0.815	6:03	150	803	578	450	0.260	1.284	802	577							Pitting			
674	Cluster	Int	1807.55	1834.5	8.19	32.37	40.56	500	AGM 2	642.16	AGM 3	192.04	42.000	0.375	0.375	35000		27	0.101					0.556	1.994	5:58	150	802	577	450	0.260	1.283	802	577						CLS C				
675	Metal Loss	Int	1808.63	1835.6	9.28	31.28	40.56	500	AGM 2	643.25	AGM 3	190.95	42.000	0.375	0.375	35000		18	0.067					0.456	0.703	6:05	150	803	578	450	0.260	1.285	803	578							Pitting			
676	Metal Loss	Int	1810.67	1837.7	11.31	29.25	40.56	500	AGM 2	645.28	AGM 3	188.92	42.000	0.375	0.375	35000		17	0.066					0.466	0.605	6:03	150	803	578	450	0.260	1.285	803	578							Pitting			
677	Metal Loss	Int	1811.34	1838.3	11.98	28.58	40.56	500	AGM 2	645.95	AGM 3	188.25	42.000	0.375	0.375	35000		40	0.150					0.950	0.628	6:00	150	796	573	450	0.262	1.274	794	572							Pitting			
678	Metal Loss	Int	1812.39	1839.4	13.04	27.52	40.56	500	AGM 2	647.01	AGM 3	187.19	42.000	0.375	0.375	35000		15	0.057					0.315	0.527	6:02	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
679	Metal Loss	Int	1814.81	1841.8	15.45	25.11	40.56	500	AGM 2	649.42	AGM 3	184.78	42.000	0.375	0.375	35000		20	0.075					0.493	0.588	6:00	150	803	578	450	0.260	1.284	803	578							Pitting			
680	Metal Loss	Int	1815.06	1842.1	15.70	24.85	40.56	500	AGM 2	649.68	AGM 3	184.53	42.000	0.375	0.375	35000		16	0.058					0.336	0.555	6:02	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
681	Metal Loss	Int	1816.97	1844.0	17.61	22.95	40.56	500	AGM 2	651.58	AGM 3	182.62	42.000	0.375	0.375	35000		29	0.109					0.763	0.528	5:58	150	801	576	450	0.260	1.281	800	576							Pitting			
682	Metal Loss	Int	1817.41	1844.4	18.06	22.50	40.56	500	AGM 2	652.03	AGM 3	182.17	42.000	0.375	0.375	35000		20	0.076					0.511	0.763	6:00	150	803	578	450	0.260	1.284	803	578							Pitting			
683	Metal Loss	Int	1820.11	1847.1	20.75	19.81	40.56	500	AGM 2	654.72	AGM 3	179.48	42.000	0.375	0.375	35000		29	0.110					0.804	0.814	5:54	150	800	576	450	0.260	1.280	799	575							Pitting			
684	Metal Loss	Int	1820.70	1847.7	21.35	19.21	40.56	500	AGM 2	655.32	AGM 3	178.88	42.000	0.375	0.375	35000		31	0.116					0.551	0.589	5:58	150	802	577	450	0.260	1.283	801	577							Pitting			
685	Metal Loss	Int	1821.85	1848.9	22.50	18.06	40.56	500	AGM 2	656.47	AGM 3	177.73	42.000	0.375	0.375	35000		16	0.059					0.315	0.522	5:58	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
686	Metal Loss	Int	1827.44	1854.5	28.09	12.47	40.56	500	AGM 2	662.06	AGM 3	172.14	42.000	0.375	0.375	35000		32	0.121					0.594	0.604	6:08	150	801	577	450	0.260	1.282	801	577							Pitting			
687	Metal Loss	Int	1828.10	1855.1	28.75	11.81	40.56	500	AGM 2	662.72	AGM 3	171.48	42.000	0.375	0.375	35000		33	0.123					0.769	0.754	5:56	150	800	576	450	0.260	1.280	799	575							Pitting			
688	Metal Loss	Int	1828.71	1855.8	29.36	11.20	40.56	500	AGM 2	663.33	AGM 3	170.87	42.000	0.375	0.375	35000		18	0.066					0.315	0.534	6:01	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
689	Metal Loss	Int	1834.85	1861.9	35.49	5.07	40.56	500	AGM 2	669.46	AGM 3	164.74	42.000	0.375	0.375	35000		17	0.064					0.519	0.577	5:24	150	803	578	450	0.260	1.285	803	578							Pitting			
690	Metal Loss	Int	1835.35	1862.4	36.00	4.56	40.56	500	AGM 2	669.97	AGM 3	164.23	42.000	0.375	0.375	35000		22	0.082					0.382	0.553	5:40	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
691	Metal Loss	Int	1835.72	1862.8	36.36	4.20	40.56	500	AGM 2	670.33	AGM 3	163.87	42.000	0.375	0.375	35000		19	0.071					0.452	0.562	6:16	150	803	578	450	0.260	1.285	803	578							Pitting			
692	Metal Loss	Int	1835.92	1863.0	36.56	4.00	40.56	500	AGM 2	670.53	AGM 3	163.67	42.000	0.375	0.375	35000		17	0.065					0.426	0.573	6:00	150	803	578	450	0.260	1.285	803	578							Pitting			
693	Metal Loss	Int	1836.08	1863.1	36.72	3.84	40.56	500	AGM 2	670.69	AGM 3	163.51	42.000	0.375	0.375	35000		16	0.061					0.605	0.593	5:27	150	803	578	450	0.260	1.284	802	577							Pitting			
694	Metal Loss	Int	1836.46	1863.5	37.11	3.45	40.56	500	AGM 2	671.08	AGM 3	163.12	42.000	0.375	0.375	35000		27	0.101					0.425	0.558	5:55	150	803	578	450	0.260	1.284	803	578							Pitting			
695	Metal Loss	Int	1837.81	1864.9	38.45	2.11	40.56	500	AGM 2	672.42	AGM 3	161.78	42.000	0.375	0.375	35000		19	0.072					0.571	0.662	5:58	150	803	578	450	0.260	1.284	802	577							Pitting			
696	Metal Loss	Int	1839.82	1866.9	40.47	0.09	40.56	500	AGM 2	674.44	AGM 3	159.76	42.000	0.375	0.375	35000		26	0.098					0.616	0.638	6:14	150	802	577	450	0.260	1.283	801	577						Near GWD	Pitting			
697	Girth Weld		1839.91	1867.0	40.56	40.78	40.78	510	AGM 2	674.53	AGM 3	159.67	42.000	0.375	0.375	35000											150																	
698	Metal Loss	Int	1841.59	1868.7	1.67	39.11	40.78	510	AGM 2	676.20	AGM 3	158.00	42.000	0.375	0.375	35000		17	0.063					0.459	0.586	6:34	150	803	578	450	0.260	1.285	803	578							Pitting			
699	Metal Loss	Int	1843.10	1870.2	3.18	37.60	40.78	510	AGM 2	677.71	AGM 3	156.49	42.000	0.375	0.375	35000		31	0.116					0.620	0.643	6:24	150	801	577	450	0.260	1.282	801	577							Pitting			
700	Metal Loss	Int	1843.58	1870.7	3.66	37.12	40.78	510	AGM 2	678.19	AGM 3	156.01	42.000	0.375	0.375	35000		18	0.066					0.618	0.627	6:03	150	803	578	450	0.260	1.284	802	577							Pitting			
701	Metal Loss	Int	1845.54	1872.6	5.63	35.15	40.78	510	AGM 2	680.16	AGM 3	154.04	42.000	0.375	0.375	35000		37	0.140					0.836	0.589	6:43	150	798	575	450	0.261	1.278	797	574							Pitting			
702	Cluster	Int	1846.27	1873.3	6.35	34.43	40.78	510	AGM 2	680.88	AGM 3	153.32	42.000	0.375	0.375	35000		40	0.151					1.587	2.984	5:58	150	785	565	450	0.265	1.255	791	570						CLS C				
703	Metal Loss	Int	1846.47	1873.6	6.56	34.22	40.78	510	AGM 2	681.09	AGM 3	153.11	42.000	0.375	0.375	35000		21	0.077					0.748	0.763	6:11	150	802	577	450	0.260	1.283	801	577							Pitting			
704	Metal Loss	Int	1847.18	1874.3	7.27	33.51	40.78	510	AGM 2	681.80	AGM 3	152.40	42.000	0.375	0.375	35000		27	0.102					0.706	0.868	5:32	150	801	577	450	0.260	1.282	801	577							Pitting			
705	Metal Loss	Int	1847.34	1874.4	7.43	33.35	40.78	510	AGM 2	681.96	AGM 3	152.24	42.000	0.375	0.375	35000		40	0.151					0.749	0.818	6:05	150	799	575	450	0.261	1.278	798	575							Pitting			
706	Metal Loss	Int	1848.96	1876.1	9.05	31.73	40.78	510	AGM 2	683.58	AGM 3	150.62	42.000	0.375	0.375	35000		17	0.063					0.371	0.556	6:47	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
707	Metal Loss	Int	1849.13	1876.2	9.21	31.57	40.78	510	AGM 2	683.74	AGM 3	150.46	42.000	0.375	0.375	35000		31	0.115					0.449	0.561	6:22	150	802	578	450	0.260	1.284	802	577							Pitting			
708	Metal Loss	Int	1849.55	1876.6	9.63	31.15	40.78	510	AGM 2	684.16	AGM 3	150.04	42.000	0.375	0.375	35000		24	0.090					0.680	0.538	6:20	150	802	577	450	0.260	1.283	801	577							Pitting			
709	Metal Loss	Int	1849.96	1877.1	10.05	30.73	40.78	510	AGM 2	684.58	AGM 3	149.62	42.000	0.375	0.375	35000		31	0.115					1.399	1.674	5:59	150	793	571	450	0.263	1.269	791	570							General Metal-loss			
710	Metal Loss	Int	1850.85	1877.9	10.94	29.84	40.78	510	AGM 2	685.47	AGM 3	148.73	42.000	0.375	0.375	35000		54	0.201					1.887	1.472	5:58	150	763	549	450	0.273	1.220	748	539							General Metal-loss			
711	Cluster	Int	1851.22	1878.3	11.31	29.47	40.78	510	AGM 2	685.84	AGM 3	148.36	42.000	0.375	0.375	35000		21	0.079					0.730	3.201	5:48	150	802	577	450	0.260	1.283	801	577						CLS C				
712	Cluster	Int	1851.90	1879.0	11.99	28.79	40.78	510	AGM 2	686.52	AGM 3	147.68	42.000	0.375	0.375	35000		20	0.074					1.067	1.350	5:57	150	800	576	450	0.260	1.280	799	575						CLS C				
713	Metal Loss	Int	1853.32	1880.4	13.40	27.38	40.78	510	AGM 2	687.93	AGM 3	146.27	42.000	0.375	0.375	35000		35	0.130					0.932	1.070	5:59	150	798	575	450	0.261	1.277	796	573							Pitting			
714	Metal Loss	Int	1853.72	1880.8	13.80	26.98	40.78	510	AGM 2	688.33	AGM 3	145.87	42.000	0.375	0.375	35000		19	0.073					0.911	1.422	6:07	150	801	577	450	0.260	1.282	800	576							Pitting			
715	Metal Loss	Int	1855.23	1882.3	15.32	25.46	40.78	510	AGM 2	689.85	AGM 3	144.35	42.000	0.375	0.375	35000		20	0.075					0.763	0.971	6:01	150	802	577	450	0.260	1.283	801	577							Pitting			
716	Metal Loss	Int	1856.17	1883.3	16.25	24.53	40.78	510	AGM 2	690.78	AGM 3	143.42	42.000	0.375	0.375	35000		21	0.079					0.656	0.684	6:02	150	802	578	450	0.260	1.283	802	577							Pitting			
717	Metal Loss	Int	1856.90	1884.0	16.99	23.79	40.78	510	AGM 2	691.52	AGM 3	142.68	42.000	0.375	0.375	35000		43	0.161					1.355	1.105	5:55	150	788	567	450	0.265	1.261	783	564							Pitting			
718	Metal Loss	Int	1857.76	1884.9	17.85	22.93	40.78	510	AGM 2	692.38	AGM 3	141.82	42.000	0.375	0.375	35000		41	0.155					1.260	1.730	5:51	150	791	569	450	0.264	1.265	787	567							General Metal-loss			

Reported Feature Reference													Pipe Specification					Reported Feature Dimensions									Calculated Values								Classification		XYZ Information							
									Upstream (U/S) Reference		Downstream (D/S) Reference																	Modified B31.G		Design	FRF	RPR	Effective Area				NAD 83		NAVD 88					
Feature Number (sequential order)	Pipeline Feature	INT/ EXT (ID/OD)	Odometer	Station Number	Distance to U/S weld	Distance to D/S weld	Joint Length	Defect Joint Number	Name	Distance from:	Name	Distance to:	Diameter	Nominal Wall Thickness	Measured Wall Thickness	Pipe Grade (SMYS)	Long Seam Orientation	Metal Loss Depth	Metal Loss Depth	Deformation Depth	Deformation Depth	Crack Depth	Crack Depth	Length	Width	Orientation	MOP	Modified B31.G P_{BURST}	Modified B31.G P_{SAFE}	Pressure (72% SMYS)	MOP / P_{SAFE}	P_{BURST} / 100% SMYS	P_{BURST}	P_{SAFE}	Group Number	Group Category	Latitude	Longitude	Elevation	Comments	POF classification	Excavation/ Repair Required	SPLC Notes	Tool Type/ Technology
			(feet)	(feet)	(feet)	(feet)	(feet)			(feet)		(feet)	(inch)	(inch)	(inch)	(psi)		(%)	(inch)	(%)	(inch)	(%)	(inch)	(inch)	(inch)	(O'clock)	(psi)	(psi)	(psi)	(psi)			(psi)	(psi)					(feet)			Target/Yes/AGM		
719	Metal Loss	Int	1857.97	1885.1	18.05	22.73	40.78	510	AGM 2	692.58	AGM 3	141.62	42.000	0.375	0.375	35000		42	0.158					1.149	1.286	6:15	150	792	571	450	0.263	1.268	789	568							Pitting			
720	Metal Loss	Int	1858.27	1885.4	18.35	22.43	40.78	510	AGM 2	692.88	AGM 3	141.32	42.000	0.375	0.375	35000		36	0.135					1.239	2.161	6:00	150	793	571	450	0.263	1.269	791	570							General Metal-loss			
721	Metal Loss	Int	1859.59	1886.7	19.68	21.10	40.78	510	AGM 2	694.21	AGM 3	139.99	42.000	0.375	0.375	35000		30	0.111					0.585	0.756	6:04	150	802	577	450	0.260	1.283	801	577							Pitting			
722	Metal Loss	Int	1860.14	1887.3	20.22	20.56	40.78	510	AGM 2	694.75	AGM 3	139.45	42.000	0.375	0.375	35000		31	0.118					0.870	1.163	5:39	150	799	575	450	0.261	1.279	798	575							Pitting			
723	Metal Loss	Int	1860.68	1887.8	20.77	20.01	40.78	510	AGM 2	695.30	AGM 3	138.90	42.000	0.375	0.375	35000		23	0.086					1.420	0.687	6:03	150	796	573	450	0.262	1.274	795	572							Axial Grooving			
724	Metal Loss	Int	1861.42	1888.5	21.50	19.28	40.78	510	AGM 2	696.03	AGM 3	138.17	42.000	0.375	0.375	35000		21	0.077					0.751	1.276	5:44	150	802	577	450	0.260	1.283	801	577							Pitting			
725	Metal Loss	Int	1861.71	1888.8	21.80	18.98	40.78	510	AGM 2	696.33	AGM 3	137.88	42.000	0.375	0.375	35000		43	0.162					0.733	0.669	6:13	150	799	575	450	0.261	1.278	797	574							Pitting			
726	Metal Loss	Int	1862.03	1889.1	22.11	18.67	40.78	510	AGM 2	696.64	AGM 3	137.56	42.000	0.375	0.375	35000		30	0.114					0.676	0.705	6:16	150	801	577	450	0.260	1.282	800	576							Pitting			
727	Metal Loss	Int	1862.15	1889.3	22.24	18.54	40.78	510	AGM 2	696.77	AGM 3	137.43	42.000	0.375	0.375	35000		16	0.059					1.388	1.231	5:44	150	799	575	450	0.261	1.279	798	575							General Metal-loss			
728	Metal Loss	Int	1862.18	1889.3	22.27	18.51	40.78	510	AGM 2	696.80	AGM 3	137.40	42.000	0.375	0.375	35000		49	0.183					0.777	0.648	6:13	150	797	574	450	0.261	1.275	795	572							Pitting			
729	Cluster	Int	1862.46	1889.6	22.55	18.23	40.78	510	AGM 2	697.08	AGM 3	137.12	42.000	0.375	0.375	35000		38	0.141					2.768	2.422	5:47	150	759	546	450	0.275	1.214	776	559						CLS C				
730	Metal Loss	Int	1863.53	1890.7	23.61	17.17	40.78	510	AGM 2	698.14	AGM 3	136.06	42.000	0.375	0.375	35000		30	0.111					0.860	0.980	5:46	150	800	576	450	0.260	1.280	799	575							Pitting			
731	Metal Loss	Int	1863.73	1890.9	23.82	16.96	40.78	510	AGM 2	698.35	AGM 3	135.85	42.000	0.375	0.375	35000		25	0.092					0.839	1.251	5:47	150	801	576	450	0.260	1.281	800	576							Pitting			
732	Cluster	Int	1864.45	1891.6	24.53	16.25	40.78	510	AGM 2	699.06	AGM 3	135.14	42.000	0.375	0.375	35000		29	0.110					2.082	1.406	6:15	150	784	564	450	0.266	1.254	788	567						CLS C				
733	Metal Loss	Int	1865.42	1892.5	25.50	15.27	40.78	510	AGM 2	700.03	AGM 3	134.17	42.000	0.375	0.375	35000		42	0.157					1.162	0.762	5:43	150	792	570	450	0.263	1.268	789	568							Pitting			
734	Metal Loss	Int	1865.94	1893.1	26.02	14.76	40.78	510	AGM 2	700.55	AGM 3	133.65	42.000	0.375	0.375	35000		25	0.092					0.824	0.773	5:58	150	801	577	450	0.260	1.281	800	576							Pitting			
735	Metal Loss	Int	1866.35	1893.5	26.43	14.35	40.78	510	AGM 2	700.96	AGM 3	133.24	42.000	0.375	0.375	35000		36	0.133					1.055	0.891	5:58	150	796	573	450	0.262	1.274	794	572							Pitting			
736	Metal Loss	Int	1866.87	1894.0	26.95	13.83	40.78	510	AGM 2	701.48	AGM 3	132.72	42.000	0.375	0.375	35000		25	0.094					1.135	1.439	6:12	150	798	575	450	0.261	1.277	797	574							Pitting			
737	Metal Loss	Int	1867.09	1894.2	27.18	13.60	40.78	510	AGM 2	701.71	AGM 3	132.49	42.000	0.375	0.375	35000		41	0.153					1.115	0.877	5:44	150	794	571	450	0.263	1.270	791	570							Pitting			
738	Metal Loss	Int	1867.18	1894.3	27.27	13.51	40.78	510	AGM 2	701.80	AGM 3	132.40	42.000	0.375	0.375	35000		17	0.063					0.564	0.594	6:10	150	803	578	450	0.260	1.284	803	578							Pitting			
739	Metal Loss	Int	1867.40	1894.5	27.49	13.29	40.78	510	AGM 2	702.02	AGM 3	132.18	42.000	0.375	0.375	35000		15	0.056					0.741	0.538	6:41	150	802	578	450	0.260	1.284	802	577							Pitting			
740	Metal Loss	Int	1868.10	1895.2	28.19	12.59	40.78	510	AGM 2	702.72	AGM 3	131.48	42.000	0.375	0.375	35000		45	0.170					1.008	0.926	6:07	150	794	572	450	0.262	1.270	791	570							Pitting			
741	Metal Loss	Int	1868.38	1895.5	28.46	12.32	40.78	510	AGM 2	702.99	AGM 3	131.21	42.000	0.375	0.375	35000		30	0.114					0.817	1.040	5:51	150	800	576	450	0.260	1.280	799	575							Pitting			
742	Metal Loss	Int	1868.69	1895.8	28.77	12.01	40.78	510	AGM 2	703.30	AGM 3	130.90	42.000	0.375	0.375	35000		28	0.107					0.823	1.301	5:32	150	800	576	450	0.260	1.280	799	575							Pitting			
743	Metal Loss	Int	1869.03	1896.2	29.11	11.67	40.78	510	AGM 2	703.64	AGM 3	130.56	42.000	0.375	0.375	35000		30	0.114					0.981	1.068	5:52	150	798	575	450	0.261	1.277	797	574							Pitting			
744	Metal Loss	Int	1869.13	1896.3	29.22	11.56	40.78	510	AGM 2	703.75	AGM 3	130.45	42.000	0.375	0.375	35000		22	0.084					0.890	0.800	5:32	150	801	576	450	0.260	1.281	800	576							Pitting			
745	Metal Loss	Int	1870.63	1897.8	30.71	10.07	40.78	510	AGM 2	705.24	AGM 3	128.96	42.000	0.375	0.375	35000		18	0.069					0.554	0.589	6:26	150	803	578	450	0.260	1.284	802	577							Pitting			
746	Metal Loss	Int	1870.81	1897.9	30.90	9.88	40.78	510	AGM 2	705.43	AGM 3	128.77	42.000	0.375	0.375	35000		17	0.065					0.315	0.540	6:13	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
747	Metal Loss	Int	1871.12	1898.3	31.20	9.58	40.78	510	AGM 2	705.73	AGM 3	128.47	42.000	0.375	0.375	35000		18	0.066					1.225	1.140	6:01	150	800	576	450	0.260	1.279	799	575							Pitting			
748	Metal Loss	Int	1871.64	1898.8	31.72	9.05	40.78	510	AGM 2	706.25	AGM 3	127.95	42.000	0.375	0.375	35000		40	0.150					1.202	1.213	5:58	150	792	570	450	0.263	1.268	789	568							General Metal-loss			
749	Metal Loss	Int	1871.96	1899.1	32.04	8.74	40.78	510	AGM 2	706.57	AGM 3	127.63	42.000	0.375	0.375	35000		24	0.090					0.650	0.659	6:47	150	802	577	450	0.260	1.283	801	577							Pitting			
750	Metal Loss	Int	1872.28	1899.4	32.37	8.41	40.78	510	AGM 2	706.90	AGM 3	127.31	42.000	0.375	0.375	35000		22	0.082					0.919	0.807	6:32	150	801	576	450	0.260	1.281	800	576							Pitting			
751	Cluster	Int	1873.10	1900.2	33.19	7.59	40.78	510	AGM 2	707.72	AGM 3	126.48	42.000	0.375	0.375	35000		42	0.158					2.336	2.451	6:01	150	764	550	450	0.273	1.222	776	559						CLS C				
752	Metal Loss	Int	1873.37	1900.5	33.46	7.32	40.78	510	AGM 2	707.99	AGM 3	126.21	42.000	0.375	0.375	35000		15	0.056					0.540	0.601	6:03	150	803	578	450	0.260	1.285	803	578							Pitting			
753	Metal Loss	Int	1874.24	1901.4	34.33	6.45	40.78	510	AGM 2	708.86	AGM 3	125.34	42.000	0.375	0.375	35000		31	0.115					1.132	1.747	6:04	150	797	574	450	0.261	1.275	795	572							Pitting			
754	Cluster	Int	1874.64	1901.8	34.72	6.06	40.78	510	AGM 2	709.25	AGM 3	124.95	42.000	0.375	0.375	35000		39	0.145					1.832	1.328	5:58	150	780	562	450	0.267	1.249	782	563						CLS C				
755	Metal Loss	Int	1876.05	1903.2	36.14	4.64	40.78	510	AGM 2	710.67	AGM 3	123.53	42.000	0.375	0.375	35000		43	0.163					1.441	1.767	6:02	150	786	566	450	0.265	1.257	780	562							General Metal-loss			
756	Metal Loss	Int	1878.57	1905.7	38.65	2.13	40.78	510	AGM 2	713.18	AGM 3	121.02	42.000	0.375	0.375	35000		29	0.109					0.834	0.747	5:59	150	800	576	450	0.260	1.280	799	575							Pitting			
757	Metal Loss	Int	1880.12	1907.3	40.21	0.57	40.78	510	AGM 2	714.74	AGM 3	119.46	42.000	0.375	0.375	35000		21	0.078					0.382	0.552	5:47	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
758	Metal Loss	Int	1880.40	1907.6	40.49	0.29	40.78	510	AGM 2	715.02	AGM 3	119.18	42.000	0.375	0.375	35000		17	0.065					0.977	1.282	6:05	150	801	577	450	0.260	1.282	800	576							Pitting			
759	Girth Weld		1880.69	1907.9	40.78	40.57	40.57	520	AGM 2	715.31	AGM 3	118.89	42.000	0.375	0.375	35000											150																	
760	Metal Loss	Int	1881.50	1908.7	0.80	39.77	40.57	520	AGM 2	716.11	AGM 3	118.09	42.000	0.375	0.375	35000		21	0.080					0.855	1.306	6:05	150	801	577	450	0.260	1.282	800	576							Pitting			
761	Metal Loss	Int	1882.17	1909.3	1.47	39.10	40.57	520	AGM 2	716.78	AGM 3	117.42	42.000	0.375	0.375	35000		32	0.121					1.198	1.157	5:58	150	795	573	450	0.262	1.273	793	571							Pitting			
762	Metal Loss	Int	1882.53	1909.7	1.83	38.74	40.57	520	AGM 2	717.14	AGM 3	117.06	42.000	0.375	0.375	35000		33	0.122					1.101	1.029	6:02	150	796	573	450	0.262	1.274	795	572							Pitting			
763	Metal Loss	Int	1883.14	1910.3	2.44	38.13	40.57	520	AGM 2	717.75	AGM 3	116.45	42.000	0.375	0.375	35000		37	0.138					1.527	1.238	6:04	150	788	567	450	0.265	1.261	784	564							General Metal-loss			
764	Metal Loss	Int	1883.84	1911.0	3.14	37.43	40.57	520	AGM 2	718.45	AGM 3	115.75	42.000	0.375	0.375	35000		69	0.260					1.461	1.254	6:06	150	760	547	450	0.274	1.216	737	531							General Metal-loss			
765	Metal Loss	Int	1884.27	1911.4	3.57	37.00	40.57	520	AGM 2	718.88	AGM 3	115.32	42.000	0.375	0.375	35000		15	0.057					1.537	2.571	5:58	150	798	575	450	0.261	1.277	797	574							General Metal-loss			
766	Cluster	Int	1884.63	1911.8	3.94	36.63	40.57	520	AGM 2	719.25	AGM 3	114.95	42.000	0.375	0.375	35000		43	0.162					1.810	2.383	5:54	150	777	559	450	0.268	1.243	771	555						CLS C				
767	Metal Loss	Int	1885.02	1912.2	4.32	36.25	40.57	520	AGM 2	719.63	AGM 3	114.57	42.000	0.375	0.375	35000		30	0.112					0.968	1.116	6:04	150	799	575	450	0.261	1.278	797	574							Pitting			
768	Metal Loss	Int	1885.91	1913.1	5.22	35.36	40.57	520	AGM 2	720.53	AGM 3	113.68	42.000	0.375	0.375	35000		30	0.114					1.194	1.603	5:53	150	796	573	450	0.262	1.274	794	572							General Metal-loss			
769	Metal Loss	Int	1886.13	1913.3	5.44	35.14	40.57	520	AGM 2	720.75	AGM 3	113.45	42.000	0.375	0.375	35000		24	0.089					1.280	1.070	6:04	150	797	574	450	0.261	1.276	796	573							Pitting			
770	Metal Loss	Int	1886.51	1913.7	5.82	34.76	40.57	520	AGM 2	721.13	AGM 3	113.07	42.000	0.375	0.375	35000		33	0.123					1.069	1.645	6:06	150	797	574	450	0.261	1.275	795	572							Pitting			
771	Metal Loss	Int	1886.98	1914.1	6.28	34.29	40.57	520	AGM 2	721.59	AGM 3	112.61	42.000	0.375	0.375	35000		47	0.177					1.224	1.543	6:06	150	788	568	450	0.264	1.262	784	564							General Metal-loss			
772	Metal Loss	Int	1887.28	1914.5	6.59	33.98	40.57	520	AGM 2	721.90	AGM 3	112.30	42.000	0.375	0.375	35000		44	0.165					0.990	0.657	6:02	150	795	572	450	0.262	1.271	792	570							Pitting			
773	Cluster	Int	1887.89	1915.1	7.19	33.38	40.57	520	AGM 2	722.50	AGM 3	111.70	42.000	0.375	0.375	35000		42	0.159					2.296	3.959	6:08	150	765	550	450	0.273	1.223	763	549						CLS C				
774	Metal Loss	Int	1888.08	1915.3	7.39	33.19	40.57	520	AGM 2	722.70	AGM 3	111.51	42.000	0.375	0.375	35000		28	0.106					0.669	0.727	5:21	150	801	577	450	0.260	1.282	801	577							Pitting			
775	Metal Loss	Int	1888.98	1916.2	8.28	32.29	40.57	520	AGM 2	723.59	AGM 3	110.61	42.000	0.375	0.375	35000		22	0.084					0.629	0.665	6:13	150	802	578	450	0.260	1.283	802	577							Pitting			
776	Metal Loss	Int	1889.21	1916.4	8.51	32.06	40.57	520	AGM 2	723.82	AGM 3	110.38	42.000	0.375	0.375	35000		20	0.077					0.487	0.593	6:17	150	803	578	450	0.260	1.284	803	578							Pitting			
777	Metal Loss	Int	1890.15	1917.3	9.46	31.12	40.57	520	AGM 2	724.77	AGM 3	109.44	42.000	0.375	0.375	35000		18	0.068					0.608	0.770	5:18	150	803	578	450	0.260	1.284	802	577							Pitting			
778	Metal Loss	Int	1891.44	1918.6	10.75	29.83	40.57	520	AGM 2	726.06	AGM 3	108.14	42.000	0.375	0.375	35000		22	0.083					0.561	0.714	6:18	150	802	578	450	0.260	1.284	802	577							Pitting			
779	Metal Loss	Int	1891.58	1918.8	10.89	29.68	40.57	520	AGM 2	726.20	AGM 3	108.00	42.000	0.375	0.375	35000		20	0.076					0.470	0.565	5:41	150	803	578	450	0.260	1.285	803	578							Pitting			
780	Metal Loss	Int	1891.95	1919.1	11.26	29.31	40.57	520	AGM 2	726.57	AGM 3	107.63	42.000	0.375	0.375	35000		39	0.147					1.232	1.263	6:01	150	792	570	450	0.263	1.267	789	568							General Metal-loss			
781	Metal Loss	Int	1891.99	1919.2	11.30	29.28	40.57	520	AGM 2	726.61	AGM 3	107.60	42.000	0.375	0.375	35000		21	0.080					0.508	0.591	6:48	150	803	578	450	0.260	1.284	802	577							Pitting			
782	Metal Loss	Int	1892.45	1919.6	11.76	28.82	40.57	520	AGM 2	727.07	AGM 3	107.14	42.000	0.375	0.375	35000		27	0.101					0.812	0.964	5:57	150	801	576	450	0.260	1.281	800	576							Pitting			
783	Metal Loss	Int	1892.70	1919.9	12.00	28.57	40.57	520	AGM 2	727.31	AGM 3	106.89	42.000	0.375	0.375	35000		25	0.094					0.561	0.635	5:54	150	802	578	450	0.260	1.284	802	577							Pitting			
784	Cluster	Int	1893.92	1921.1	13.22	27.35	40.57	520	AGM 2	728.53	AGM 3	105.67	42.000	0.375	0.375	35000		22	0.081					1.035	2.171	6:03	150	800	576	450	0.260	1.280	799	575						CLS C				
785	Metal Loss	Int	1894.29	1921.5	13.59	26.98	40.57	520	AGM 2	728.90	AGM 3	105.30	42.000	0.375	0.375	35000		23	0.086					0.512	0.655	5:49	150	803	578	450	0.260	1.284	802	577							Pitting			
786	Metal Loss	Int	1894.41	1921.6	13.72	26.86	40.57	520	AGM 2	729.03	AGM 3	105.17	42.000	0.375	0.375	35000		22	0.082					0.686	0.670	5:28	150	802	577	450	0.260	1.283	801	577							Pitting			
787	Cluster	Int	1894.53	1921.7	13.83	26.74	40.57	520	AGM 2	729.14	AGM 3	105.06	42.000	0.375	0.375	35000		17	0.065					1.508	3.154	6:01	150	798	574	450	0.261	1.276	797	574						CLS C				
788	Metal Loss	Int	1895.43	1922.6	14.74	25.83	40.57	520	AGM 2	730.05	AGM 3	104.15	42.000	0.375	0.375	35000		34	0.127					1.161	1.403	6:04	150	795	573	450	0.262	1.273	793	571							Pitting			
789	Metal Loss	Int	1895.92	1923.1	15.23	25.35	40.57	520	AGM 2	730.54	AGM 3	103.66	42.000	0.375	0.375	35000		16	0.061					0.566	0.725	6:34	150	803	578	450	0.260	1.284	803	578							Pitting			
790	Metal Loss	Int	1896.02	1923.2	15.32	25.25	40.57	520	AGM 2	730.63	AGM 3	103.57	42.000	0.375	0.375	35000		20	0.076					0.566	0.620	5:15	150	803	578	450	0.260	1.284	802	577							Pitting			
791	Metal Loss	Int	1896.11	1923.3	15.41	25.16	40.57	520	AGM 2	730.72	AGM 3	103.48	42.000	0.375	0.375	35000		15	0.057					0.596	0.691	6:25	150	803	578	450	0.260	1.284	803	578							Pitting			
792	Cluster	Int	1898.58	1925.8	17.89	22.69	40.57	520	AGM 2	733.20	AGM 3	101.01	42.000	0.375	0.375	35000		31	0.116					0.782	1.908	5:50	150	800	576	450	0.260	1.280	800	576						CLS C				
793	Metal Loss	Int	1899.15	1926.4	18.46	22.11	40.57	520	AGM 2	733.77	AGM 3	100.43	42.000	0.375	0.375	35000		19	0.070					0.424	0.562	5:51	150	803	578	450	0.260	1.285	803	578							Pitting			
794	Metal Loss	Int	1899.32	1926.5	18.63	21.94	40.57	520	AGM 2	733.94	AGM 3	100.26	42.000	0.375	0.375	35000		25	0.093					0.892	0.923	5:37	150	800	576	450	0.260	1.280	799	575							Pitting			
795	Metal Loss	Int	1900.61	1927.8	19.91	20.66	40.57	520	AGM 2	735.22	AGM 3	98.98	42.000	0.375	0.375	35000		19	0.071					0.915	0.660	5:58	150	801	577	450	0.260	1.282	801	577							Pitting			
796	Metal Loss	Int	1900.76	1928.0	20.06	20.51	40.57	520	AGM 2	735.37	AGM 3	98.83	42.000	0.375	0.375	35000		19	0.072					0.577	0.576	6:16	150	803	578	450	0.260	1.284	802	577							Pitting			
797	Metal Loss	Int	1900.83	1928.0	20.14	20.43	40.57	520	AGM 2	735.45	AGM 3	98.75	42.000	0.375	0.375	35000		17	0.064					0.315	0.620	5:59	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
798	Metal Loss	Int	1901.05	1928.3	20.35	20.22	40.57	520	AGM 2	735.66	AGM 3	98.54	42.000	0.375	0.375	35000		25	0.094					1.004	1.145	5:57	150	799	576	450	0.260	1.279	798	575							Pitting			
799	Metal Loss	Int	1901.25	1928.5	20.56	20.02	40.57	520	AGM 2	735.87	AGM 3	98.33	42.000	0.375	0.375	35000		17	0.062					0.315	0.505	6:45	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
800	Cluster	Int	1902.05	1929.3	21.36	19.21	40.57	520	AGM 2	736.67	AGM 3	97.53	42.000	0.375	0.375	35000		18	0.067					2.474	2.388	6:13	150	789	568	450	0.264	1.263	794	572						CLS C				
801	Cluster	Int	1902.31	1929.5	21.61	18.96	40.57	520	AGM 2	736.92	AGM 3	97.28	42.000	0.375	0.375	35000		24	0.088					0.802	2.589	6:01	150	801	577	450	0.260	1.282	800	576						CLS C				
802	Metal Loss	Int	1902.62	1929.8	21.93	18.65	40.57	520	AGM 2	737.24	AGM 3	96.97	42.000	0.375	0.375	35000		15	0.058					0.816	1.012	6:26	150	802	577	450	0.260	1.283	802	577							Pitting			
803	Metal Loss	Int	1902.99	1930.2	22.29	18.28	40.57	520	AGM 2	737.60	AGM 3	96.60	42.000	0.375	0.375	35000		23	0.086					0.375	0.552	5:52	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
804	Metal Loss	Int	1904.00	1931.2	23.31	17.26	40.57	520	AGM 2	738.62	AGM 3	95.58	42.000	0.375	0.375	35000		26	0.098					0.397	0.555	5:53	150	803	578	450	0.260	1.285	803	578							Pitting			
805	Metal Loss	Int	1904.71	1931.9	24.01	16.56	40.57	520	AGM 2	739.32	AGM 3	94.88	42.000	0.375	0.375	35000		23	0.087					0.349	0.553	5:46	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
806	Metal Loss	Int	1905.03	1932.2	24.34	16.24	40.57	520	AGM 2	739.65	AGM 3	94.56	42.000	0.375	0.375	35000		26	0.098					0.667	0.837	5:56	150	802	577	450	0.260	1.283	801	577							Pitting			
807	Metal Loss	Int	1905.40	1932.6	24.71	15.86	40.57	520	AGM 2	740.02	AGM 3	94.18	42.000	0.375	0.375	35000		22	0.082					0.924	0.803	5:51	150	801	576	450	0.260	1.281	800	576							Pitting			
808	Metal Loss	Int	1905.79	1933.0	25.09	15.48	40.57	520	AGM 2	740.40	AGM 3	93.80	42.000	0.375	0.375	35000		23	0.086					0.909	1.001	5:42	150	800	576	450	0.260	1.281	800	576							Pitting			
809	Metal Loss	Int	1907.19	1934.4	26.49	14.08	40.57	520	AGM 2	741.80	AGM 3	92.40	42.000	0.375	0.375	35000		19	0.072					0.738	0.668	6:02	150	802	577	450	0.260	1.283	802	577							Pitting			
810	Metal Loss	Int	1907.74	1935.0	27.05	13.52	40.57	520	AGM 2	742.36	AGM 3	91.84	42.000	0.375	0.375	35000		23	0.085					0.914	0.771	5:56	150	800	576	450	0.260	1.281	800	576							Pitting			
811	Cluster	Int	1908.35	1935.6	27.65	12.92	40.57	520	AGM 2	742.96	AGM 3	91.24	42.000	0.375	0.375	35000		18	0.069					2.244	0.967	5:58	150	791	569	450	0.264	1.265	794	572						CLS C				
812	Metal Loss	Int	1908.56	1935.8	27.87	12.70	40.57	520	AGM 2	743.18	AGM 3	91.02	42.000	0.375	0.375	35000		19	0.072					0.578	0.620	5:58	150	803	578	450	0.260	1.284	802	577							Pitting			
813	Metal Loss	Int	1909.04	1936.3	28.34	12.23	40.57	520	AGM 2	743.65	AGM 3	90.55	42.000	0.375	0.375	35000		28	0.104					0.749	0.603	5:58	150	801	577	450	0.260	1.281	800	576							Pitting			
814	Metal Loss	Int	1909.18	1936.4	28.49	12.09	40.57	520	AGM 2	743.80	AGM 3	90.40	42.000	0.375	0.375	35000		21	0.078					0.462	0.566	5:59	150	803	578	450	0.260	1.285	803	578							Pitting			
815	Metal Loss	Int	1909.35	1936.6	28.65	11.92	40.57	520	AGM 2	743.96	AGM 3	90.24	42.000	0.375	0.375	35000		16	0.061					0.548	0.591	5:58	150	803	578	450	0.260	1.284	803	578							Pitting			
816	Metal Loss	Int	1909.55	1936.8	28.86	11.72	40.57	520	AGM 2	744.17	AGM 3	90.03	42.000	0.375	0.375	35000		20	0.074					0.856	1.069	5:58	150	801	577	450	0.260	1.282	801	577							Pitting			
817	Metal Loss	Int	1910.99	1938.2	30.30	10.27	40.57	520	AGM 2	745.61	AGM 3	88.59	42.000	0.375	0.375	35000		23	0.087					0.618	0.602	6:00	150	802	577	450	0.260	1.283	802	577							Pitting			
818	Metal Loss	Int	1911.26	1938.5	30.56	10.01	40.57	520	AGM 2	745.87	AGM 3	88.33	42.000	0.375	0.375	35000		31	0.117					1.250	1.123	5:59	150	795	572	450	0.262	1.272	793	571							Pitting			
819	Metal Loss	Int	1911.60	1938.8	30.90	9.67	40.57	520	AGM 2	746.21	AGM 3	87.99	42.000	0.375	0.375	35000		34	0.128					1.221	1.281	5:58	150	794	572	450	0.262	1.271	792	570							General Metal-loss			
820	Metal Loss	Int	1911.97	1939.2	31.28	9.30	40.57	520	AGM 2	746.59	AGM 3	87.61	42.000	0.375	0.375	35000		34	0.128					1.098	1.096	6:01	150	796	573	450	0.262	1.274	794	572							Pitting			
821	Metal Loss	Int	1912.22	1939.5	31.53	9.04	40.57	520	AGM 2	746.84	AGM 3	87.36	42.000	0.375	0.375	35000		28	0.104					0.845	0.620	6:04	150	800	576	450	0.260	1.280	799	575							Pitting			
822	Metal Loss	Int	1913.58	1940.8	32.88	7.69	40.57	520	AGM 2	748.19	AGM 3	86.01	42.000	0.375	0.375	35000		19	0.072					0.754	0.955	6:04	150	802	577	450	0.260	1.283	801	577							Pitting			
823	Metal Loss	Int	1913.89	1941.1	33.20	7.38	40.57	520	AGM 2	748.51	AGM 3	85.70	42.000	0.375	0.375	35000		17	0.065					0.704	0.604	6:03	150	802	578	450	0.260	1.284	802	577							Pitting			
824	Metal Loss	Int	1915.05	1942.3	34.36	6.21	40.57	520	AGM 2	749.67	AGM 3	84.53	42.000	0.375	0.375	35000		16	0.060					0.819	1.136	5:58	150	802	577	450	0.260	1.283	802	577							Pitting			
825	Metal Loss	Int	1915.86	1943.1	35.16	5.41	40.57	520	AGM 2	750.47	AGM 3	83.73	42.000	0.375	0.375	35000		43	0.162					0.831	0.547	6:00	150	797	574	450	0.261	1.276	795	572							Pitting			
826	Metal Loss	Int	1917.46	1944.7	36.76	3.81	40.57	520	AGM 2	752.07	AGM 3	82.13	42.000	0.375	0.375	35000		25	0.094					0.919	0.887	6:03	150	800	576	450	0.260	1.280	799	575							Pitting			
827	Metal Loss	Int	1918.36	1945.6	37.67	2.91	40.57	520	AGM 2	752.98	AGM 3	81.23	42.000	0.375	0.375	35000		30	0.113					1.321	1.559	5:58	150	795	572	450	0.262	1.271	792	570							General Metal-loss			
828	Metal Loss	Int	1919.48	1946.7	38.79	1.78	40.57	520	AGM 2	754.10	AGM 3	80.10	42.000	0.375	0.375	35000		19	0.072					0.533	0.580	6:02	150	803	578	450	0.260	1.284	803	578							Pitting			
829	Metal Loss	Int	1921.02	1948.3	40.33	0.24	40.57	520	AGM 2	755.64	AGM 3	78.56	42.000	0.375	0.375	35000		32	0.119					1.077	0.777	5:59	150	797	574	450	0.261	1.275	795	572							Pitting			
830	Girth Weld		1921.27	1948.5	40.57	40.73	40.73	530	AGM 2	755.88	AGM 3	78.32	42.000	0.375	0.375	35000											150																	
831	Metal Loss	Int	1922.03	1949.3	0.77	39.96	40.73	530	AGM 2	756.65	AGM 3	77.55	42.000	0.375	0.375	35000		33	0.124					0.740	0.557	6:09	150	800	576	450	0.260	1.280	799	575							Pitting			
832	Metal Loss	Int	1922.22	1949.5	0.96	39.77	40.73	530	AGM 2	756.84	AGM 3	77.36	42.000	0.375	0.375	35000		19	0.071					0.881	0.812	5:50	150	801	577	450	0.260	1.282	801	577							Pitting			
833	Metal Loss	Int	1923.64	1950.9	2.38	38.35	40.73	530	AGM 2	758.26	AGM 3	75.94	42.000	0.375	0.375	35000		23	0.087					1.038	0.744	5:58	150	799	576	450	0.260	1.279	799	575							Pitting			
834	Metal Loss	Int	1923.95	1951.2	2.68	38.04	40.73	530	AGM 2	758.57	AGM 3	75.63	42.000	0.375	0.375	35000		22	0.083					0.807	0.625	6:05	150	801	577	450	0.260	1.282	801	577							Pitting			
835	Metal Loss	Int	1924.21	1951.5	2.95	37.78	40.73	530	AGM 2	758.83	AGM 3	75.37	42.000	0.375	0.375	35000		42	0.158					1.108	0.940	6:06	150	793	571	450	0.263	1.269	790	569							Pitting			
836	Metal Loss	Int	1924.98	1952.2	3.72	37.01	40.73	530	AGM 2	759.60	AGM 3	74.60	42.000	0.375	0.375	35000		20	0.076					0.935	0.896	6:02	150	801	577	450	0.260	1.281	800	576							Pitting			
837	Metal Loss	Int	1925.90	1953.2	4.63	36.09	40.73	530	AGM 2	760.52	AGM 3	73.69	42.000	0.375	0.375	35000		35	0.132					1.214	1.198	5:58	150	794	572	450	0.262	1.270	792	570							General Metal-loss			
838	Metal Loss	Int	1926.97	1954.2	5.70	35.02	40.73	530	AGM 2	761.59	AGM 3	72.61	42.000	0.375	0.375	35000		29	0.108					1.089	1.459	6:00	150	798	574	450	0.261	1.276	796	573							Pitting			
839	Metal Loss	Int	1928.11	1955.4	6.85	33.88	40.73	530	AGM 2	762.73	AGM 3	71.47	42.000	0.375	0.375	35000		19	0.072					0.853	0.782	6:01	150	801	577	450	0.260	1.282	801	577							Pitting			
840	Metal Loss	Int	1928.85	1956.1	7.58	33.15	40.73	530	AGM 2	763.46	AGM 3	70.74	42.000	0.375	0.375	35000		17	0.065					0.777	0.893	5:57	150	802	577	450	0.260	1.283	802	577							Pitting			
841	Metal Loss	Int	1929.01	1956.3	7.75	32.98	40.73	530	AGM 2	763.63	AGM 3	70.57	42.000	0.375	0.375	35000		18	0.066					0.957	1.167	6:00	150	801	577	450	0.260	1.282	801	577							Pitting			
842	Metal Loss	Int	1929.68	1956.9	8.41	32.31	40.73	530	AGM 2	764.29	AGM 3	69.91	42.000	0.375	0.375	35000		16	0.058					0.600	0.597	5:52	150	803	578	450	0.260	1.284	803	578							Pitting			
843	Metal Loss	Int	1929.94	1957.2	8.67	32.05	40.73	530	AGM 2	764.56	AGM 3	69.64	42.000	0.375	0.375	35000		23	0.086					1.203	1.311	6:01	150	798	575	450	0.261	1.277	797	574							General Metal-loss			
844	Metal Loss	Int	1931.05	1958.3	9.78	30.94	40.73	530	AGM 2	765.66	AGM 3	68.54	42.000	0.375	0.375	35000		16	0.061					1.113	0.942	6:03	150	800	576	450	0.260	1.281	800	576							Pitting			
845	Metal Loss	Int	1931.98	1959.2	10.71	30.02	40.73	530	AGM 2	766.59	AGM 3	67.61	42.000	0.375	0.375	35000		16	0.059					0.742	0.670	6:03	150	802	578	450	0.260	1.284	802	577							Pitting			
846	Metal Loss	Int	1932.17	1959.4	10.90	29.82	40.73	530	AGM 2	766.79	AGM 3	67.41	42.000	0.375	0.375	35000		24	0.090					0.797	0.902	5:56	150	801	577	450	0.260	1.282	800	576							Pitting			
847	Metal Loss	Int	1933.27	1960.5	12.00	28.72	40.73	530	AGM 2	767.88	AGM 3	66.32	42.000	0.375	0.375	35000		19	0.073					0.870	0.888	5:54	150	801	577	450	0.260	1.282	801	577							Pitting			
848	Metal Loss	Int	1934.24	1961.5	12.98	27.75	40.73	530	AGM 2	768.86	AGM 3	65.34	42.000	0.375	0.375	35000		27	0.101					1.144	1.506	5:55	150	798	574	450	0.261	1.276	796	573							Pitting			
849	Metal Loss	Int	1934.78	1962.1	13.52	27.21	40.73	530	AGM 2	769.40	AGM 3	64.80	42.000	0.375	0.375	35000		28	0.104					0.857	1.085	6:01	150	800	576	450	0.260	1.280	799	575							Pitting			
850	Metal Loss	Int	1937.02	1964.3	15.76	24.97	40.73	530	AGM 2	771.64	AGM 3	62.56	42.000	0.375	0.375	35000		17	0.065					0.532	0.558	5:56	150	803	578	450	0.260	1.284	803	578							Pitting			
851	Metal Loss	Int	1937.62	1964.9	16.35	24.38	40.73	530	AGM 2	772.23	AGM 3	61.97	42.000	0.375	0.375	35000		21	0.080					0.861	1.274	5:48	150	801	577	450	0.260	1.282	800	576							Pitting			
852	Metal Loss	Int	1944.36	1971.7	23.09	17.63	40.73	530	AGM 2	778.97	AGM 3	55.23	42.000	0.375	0.375	35000		32	0.120					1.183	1.151	5:55	150	796	573	450	0.262	1.273	794	572							Pitting			
853	Metal Loss	Int	1944.62	1971.9	23.35	17.37	40.73	530	AGM 2	779.24	AGM 3	54.96	42.000	0.375	0.375	35000		23	0.085					0.648	0.871	6:01	150	802	577	450	0.260	1.283	802	577							Pitting			
854	Metal Loss	Int	1945.36	1972.7	24.09	16.64	40.73	530	AGM 2	779.97	AGM 3	54.23	42.000	0.375	0.375	35000		17	0.064					0.643	0.687	5:57	150	802	578	450	0.260	1.284	802	577							Pitting			
855	Metal Loss	Int	1946.69	1974.0	25.42	15.31	40.73	530	AGM 2	781.30	AGM 3	52.90	42.000	0.375	0.375	35000		20	0.074					0.810	0.795	6:08	150	801	577	450	0.260	1.282	801	577							Pitting			
856	Metal Loss	Int	1946.80	1974.1	25.53	15.19	40.73	530	AGM 2	781.41	AGM 3	52.79	42.000	0.375	0.375	35000		19	0.070					0.462	0.563	5:48	150	803	578	450	0.260	1.285	803	578							Pitting			
857	Metal Loss	Int	1947.09	1974.4	25.82	14.91	40.73	530	AGM 2	781.70	AGM 3	52.50	42.000	0.375	0.375	35000		19	0.072					0.744	0.691	5:41	150	802	577	450	0.260	1.283	802	577							Pitting			
858	Metal Loss	Int	1948.24	1975.5	26.97	13.76	40.73	530	AGM 2	782.85	AGM 3	51.35	42.000	0.375	0.375	35000		34	0.128					0.791	0.693	5:26	150	800	576	450	0.260	1.279	799	575							Pitting			
859	Metal Loss	Int	1949.48	1976.8	28.21	12.51	40.73	530	AGM 2	784.10	AGM 3	50.10	42.000	0.375	0.375	35000		16	0.058					0.547	0.746	4:28	150	803	578	450	0.260	1.285	803	578							Pitting			
860	Metal Loss	Int	1952.21	1979.5	30.94	9.79	40.73	530	AGM 2	786.82	AGM 3	47.38	42.000	0.375	0.375	35000		23	0.087					0.435	0.558	6:12	150	803	578	450	0.260	1.285	803	578							Pitting			
861	Metal Loss	Int	1952.65	1980.0	31.38	9.34	40.73	530	AGM 2	787.27	AGM 3	46.94	42.000	0.375	0.375	35000		19	0.072					0.686	0.736	6:08	150	802	578	450	0.260	1.283	802	577							Pitting			
862	Metal Loss	Int	1953.02	1980.3	31.75	8.98	40.73	530	AGM 2	787.63	AGM 3	46.57	42.000	0.375	0.375	35000		16	0.059					0.707	0.801	6:13	150	802	578	450	0.260	1.284	802	577							Pitting			
863	Girth Weld		1961.99	1989.3	40.73	39.92	39.92	540	AGM 2	796.61	AGM 3	37.59	42.000	0.375	0.375	35000											150																	
864	Metal Loss	Int	1985.03	2012.4	23.04	16.88	39.92	540	AGM 2	819.65	AGM 3	14.55	42.000	0.375	0.375	35000		22	0.082					0.436	0.558	5:44	150	803	578	450	0.260	1.285	803	578							Pitting			
865	Metal Loss	Int	1993.06	2020.5	31.07	8.85	39.92	540	AGM 2	827.68	AGM 3	6.52	42.000	0.375	0.375	35000		25	0.094					0.403	0.544	5:58	150	803	578	450	0.260	1.285	803	578							Pitting			
866	Above Ground Marker		1999.59	2027.0	37.59	2.33	39.92	540	AGM 2	834.20	AGM 4	1292.26	42.000	0.375	0.375	35000											150													AGM # 3 Sta 20+27				
867	Metal Loss	Int	2001.08	2028.5	39.09	0.83	39.92	540	AGM 3	1.50	AGM 4	1290.76	42.000	0.375	0.375	35000		21	0.080					0.555	0.650	6:35	150	802	578	450	0.260	1.284	802	577							Pitting			
868	Metal Loss	Int	2001.59	2028.9	39.60	0.32	39.92	540	AGM 3	2.01	AGM 4	1290.26	42.000	0.375	0.375	35000		22	0.084					0.624	0.827	4:08	150	802	578	450	0.260	1.283	802	577							Pitting			
869	Girth Weld		2001.92	2029.3	39.92	36.27	36.27	550	AGM 3	2.33	AGM 4	1289.93	42.000	0.375	0.375	35000											150																	
870	Metal Loss	Int	2032.76	2059.1	30.85	5.43	36.27	550	AGM 3	33.18	AGM 4	1259.09	42.000	0.375	0.375	35000		19	0.071					0.315	0.532	6:48	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
871	Girth Weld		2038.19	2064.4	36.27	40.64	40.64	560	AGM 3	38.60	AGM 4	1253.66	42.000	0.375	0.375	35000											150																	
872	Metal Loss	Int	2042.23	2068.3	4.04	36.60	40.64	560	AGM 3	42.64	AGM 4	1249.62	42.000	0.375	0.375	35000		21	0.080					0.315	0.488	4:06	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
873	Girth Weld		2078.83	2103.8	40.64	10.22	10.22	570	AGM 3	79.24	AGM 4	1213.02	42.000	0.375	0.375	35000											150																	
874	Metal Loss	Int	2083.30	2108.1	4.48	5.74	10.22	570	AGM 3	83.72	AGM 4	1208.54	42.000	0.375	0.375	35000		22	0.083					0.562	0.631	6:20	150	802	578	450	0.260	1.284	802	577							Pitting			
875	Bend		2083.85	2108.6	5.02	5.19	10.22	570	AGM 3	84.26	AGM 4	1208.00	42.000	0.375	0.375	35000								117.226			150													Right Forged Bend				
876	Girth Weld		2089.04	2113.7	10.22	19.68	19.68	580	AGM 3	89.46	AGM 4	1202.80	42.000	0.375	0.375	35000											150																	
877	Metal Loss	Int	2091.67	2116.2	2.63	17.05	19.68	580	AGM 3	92.09	AGM 4	1200.17	42.000	0.375	0.375	35000		16	0.059					0.490	0.573	5:47	150	803	578	450	0.260	1.285	803	578							Pitting			
878	Metal Loss	Int	2097.57	2121.9	8.53	11.15	19.68	580	AGM 3	97.99	AGM 4	1194.28	42.000	0.375	0.375	35000		22	0.081					0.489	0.551	6:18	150	803	578	450	0.260	1.284	803	578							Pitting			
879	Girth Weld		2108.72	2132.7	19.68	29.43	29.43	590	AGM 3	109.14	AGM 4	1183.13	42.000	0.375	0.375	35000											150																	
880	Metal Loss	Int	2119.41	2143.1	10.69	18.74	29.43	590	AGM 3	119.83	AGM 4	1172.43	42.000	0.375	0.375	35000		18	0.069					0.348	0.553	5:34	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
881	Metal Loss	Int	2124.49	2148.0	15.77	13.66	29.43	590	AGM 3	124.90	AGM 4	1167.36	42.000	0.375	0.375	35000		17	0.063					0.350	0.541	5:37	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
882	Girth Weld		2138.15	2161.3	29.43	39.00	39.00	600	AGM 3	138.57	AGM 4	1153.69	42.000	0.375	0.375	35000											150																	
883	Metal Loss	Int	2168.77	2190.9	30.62	8.37	39.00	600	AGM 3	169.19	AGM 4	1123.07	42.000	0.375	0.375	35000		17	0.062					0.378	0.554	4:00	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
884	Metal Loss	Int	2173.77	2195.8	35.61	3.38	39.00	600	AGM 3	174.18	AGM 4	1118.08	42.000	0.375	0.375	35000		16	0.059					0.332	0.529	4:10	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
885	Girth Weld		2177.15	2199.0	39.00	39.12	39.12	610	AGM 3	177.56	AGM 4	1114.70	42.000	0.375	0.375	35000											150																	
886	Metal Loss	Int	2211.12	2231.9	33.98	5.14	39.12	610	AGM 3	211.54	AGM 4	1080.72	42.000	0.375	0.375	35000		16	0.058					0.432	0.564	6:08	150	803	578	450	0.260	1.285	803	578							Pitting			
887	Girth Weld		2216.27	2236.9	39.12	39.87	39.87	620	AGM 3	216.68	AGM 4	1075.58	42.000	0.375	0.375	35000											150																	
888	Metal Loss	Int	2217.29	2237.9	1.02	38.85	39.87	620	AGM 3	217.70	AGM 4	1074.56	42.000	0.375	0.375	35000		22	0.081					0.840	0.681	6:31	150	801	577	450	0.260	1.282	801	577							Pitting			
889	Metal Loss	Int	2230.32	2250.5	14.06	25.82	39.87	620	AGM 3	230.74	AGM 4	1061.52	42.000	0.375	0.375	35000		33	0.122					0.388	0.550	6:33	150	803	578	450	0.260	1.284	802	577							Circumferential Slotting			
890	Metal Loss	Int	2238.35	2258.3	22.08	17.79	39.87	620	AGM 3	238.76	AGM 4	1053.50	42.000	0.375	0.375	35000		16	0.060					0.521	0.769	6:35	150	803	578	450	0.260	1.285	803	578							Pitting			
891	Girth Weld		2256.14	2275.6	39.87	38.92	38.92	630	AGM 3	256.55	AGM 4	1035.71	42.000	0.375	0.375	35000											150																	
892	Girth Weld		2295.06	2313.3	38.92	39.32	39.32	640	AGM 3	295.48	AGM 4	996.79	42.000	0.375	0.375	35000											150																	
893	Girth Weld		2334.38	2351.4	39.32	40.36	40.36	650	AGM 3	334.80	AGM 4	957.46	42.000	0.375	0.375	35000											150																	
894	Metal Loss	Int	2335.64	2352.6	1.26	39.11	40.36	650	AGM 3	336.05	AGM 4	956.21	42.000	0.375	0.375	35000		22	0.083					0.601	0.804	5:54	150	802	578	450	0.260	1.284	802	577							Pitting			
895	Metal Loss	Int	2336.44	2353.4	2.06	38.30	40.36	650	AGM 3	336.86	AGM 4	955.40	42.000	0.375	0.375	35000		32	0.119					0.501	0.749	5:59	150	802	578	450	0.260	1.283	802	577							Pitting			
896	Metal Loss	Int	2340.25	2357.0	5.86	34.50	40.36	650	AGM 3	340.66	AGM 4	951.60	42.000	0.375	0.375	35000		25	0.092					0.637	0.840	5:58	150	802	577	450	0.260	1.283	801	577							Pitting			
897	Metal Loss	Int	2340.65	2357.4	6.27	34.10	40.36	650	AGM 3	341.06	AGM 4	951.20	42.000	0.375	0.375	35000		15	0.057					0.322	0.530	5:59	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
898	Metal Loss	Int	2341.71	2358.5	7.33	33.03	40.36	650	AGM 3	342.13	AGM 4	950.13	42.000	0.375	0.375	35000		23	0.085					0.366	0.536	6:04	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
899	Metal Loss	Int	2348.11	2364.7	13.73	26.64	40.36	650	AGM 3	348.52	AGM 4	943.74	42.000	0.375	0.375	35000		25	0.092					0.552	0.580	6:03	150	802	578	450	0.260	1.284	802	577							Pitting			
900	Metal Loss	Int	2351.18	2367.6	16.79	23.57	40.36	650	AGM 3	351.59	AGM 4	940.67	42.000	0.375	0.375	35000		21	0.081					0.703	1.039	6:00	150	802	577	450	0.260	1.283	801	577							Pitting			
901	Metal Loss	Int	2366.64	2382.6	32.25	8.11	40.36	650	AGM 3	367.05	AGM 4	925.21	42.000	0.375	0.375	35000		27	0.102					0.551	0.632	5:59	150	802	578	450	0.260	1.283	802	577							Pitting			

Feature Number (sequential order)	Pipeline Feature	INT/ EXT (ID/OD)	Odometer	Station Number	Distance to U/S weld	Distance to D/S weld	Joint Length	Defect Joint Number	Upstream (U/S) Reference Name	Upstream (U/S) Reference Distance from:	Downstream (D/S) Reference Name	Downstream (D/S) Reference Distance to:	Diameter	Nominal Wall Thickness	Measured Wall Thickness	Pipe Grade (SMYS)	Long Seam Orientation	Metal Loss Depth	Metal Loss Depth	Deformation Depth	Deformation Depth	Crack Depth	Crack Depth	Length	Width	Orientation	MOP	Modified B31.G Modified B31.G P_BURST	Modified B31.G Modified B31.G P_SAFE	Design Pressure (72% SMYS)	ERF MOP / P_SAFE	RPR P_BURST / 100% SMYS	Effective Area P_BURST	Effective Area P_SAFE	Group Number	Group Category	XYZ Information NAD 83 Latitude	NAD 83 Longitude	NAVD 88 Elevation	Comments	POF classification	Excavation/ Repair Required	SPLC Notes	Tool Type/ Technology
			(feet)	(feet)	(feet)	(feet)	(feet)			(feet)		(feet)	(inch)	(inch)	(inch)	(psi)		(%)	(inch)	(%)	(inch)	(%)	(inch)	(inch)	(inch)	(O'clock)	(psi)	(psi)	(psi)	(psi)			(psi)	(psi)					(feet)			Target/Yes/AGM		
902	Girth Weld		2374.75	2390.5	40.36	39.94	39.94	660	AGM 3	375.16	AGM 4	917.10	42.000	0.375	0.375	35000											150																	
903	Metal Loss	Int	2375.06	2390.8	0.31	39.64	39.94	660	AGM 3	375.47	AGM 4	916.79	42.000	0.375	0.375	35000		23	0.087					0.444	0.557	5:59	150	803	578	450	0.260	1.284	803	578							Pitting			
904	Metal Loss	Int	2383.41	2398.9	8.66	31.28	39.94	660	AGM 3	383.82	AGM 4	908.44	42.000	0.375	0.375	35000		16	0.060					0.488	0.659	6:05	150	803	578	450	0.260	1.285	803	578							Pitting			
905	Metal Loss	Int	2385.50	2400.9	10.76	29.19	39.94	660	AGM 3	385.92	AGM 4	906.34	42.000	0.375	0.375	35000		23	0.087					0.507	1.026	6:01	150	803	578	450	0.260	1.284	802	577							Circumferential Grooving			
906	Metal Loss	Int	2389.64	2404.9	14.90	25.05	39.94	660	AGM 3	390.06	AGM 4	902.20	42.000	0.375	0.375	35000		28	0.106					0.993	1.360	5:59	150	799	575	450	0.261	1.278	798	575							Pitting			
907	Metal Loss	Int	2394.50	2409.6	19.75	20.19	39.94	660	AGM 3	394.92	AGM 4	897.35	42.000	0.375	0.375	35000		25	0.095					0.315	0.550	5:55	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
908	Metal Loss	Int	2395.35	2410.4	20.60	19.34	39.94	660	AGM 3	395.76	AGM 4	896.50	42.000	0.375	0.375	35000		34	0.128					1.015	0.941	6:02	150	797	574	450	0.261	1.275	795	572							Pitting			
909	Metal Loss	Int	2400.24	2415.2	25.49	14.45	39.94	660	AGM 3	400.66	AGM 4	891.61	42.000	0.375	0.375	35000		30	0.112					0.886	2.018	5:56	150	799	576	450	0.260	1.279	798	575							Circumferential Grooving			
910	Metal Loss	Int	2401.62	2416.5	26.87	13.07	39.94	660	AGM 3	402.03	AGM 4	890.23	42.000	0.375	0.375	35000		27	0.100					0.445	0.564	6:02	150	803	578	450	0.260	1.284	802	577							Pitting			
911	Metal Loss	Int	2405.96	2420.7	31.21	8.73	39.94	660	AGM 3	406.38	AGM 4	885.89	42.000	0.375	0.375	35000		24	0.089					0.875	1.314	6:08	150	801	576	450	0.260	1.281	800	576							Pitting			
912	Metal Loss	Int	2407.03	2421.7	32.28	7.66	39.94	660	AGM 3	407.44	AGM 4	884.82	42.000	0.375	0.375	35000		23	0.087					0.675	0.975	6:03	150	802	577	450	0.260	1.283	801	577							Pitting			
913	Metal Loss	Int	2409.26	2423.9	34.52	5.43	39.94	660	AGM 3	409.68	AGM 4	882.58	42.000	0.375	0.375	35000		28	0.104					0.825	0.645	5:55	150	800	576	450	0.260	1.280	799	575							Pitting			
914	Girth Weld		2414.69	2429.2	39.94	40.78	40.78	670	AGM 3	415.11	AGM 4	877.16	42.000	0.375	0.375	35000											150																	
915	Metal Loss	Int	2414.70	2429.2	0.01	40.77	40.78	670	AGM 3	415.11	AGM 4	877.15	42.000	0.375	0.375	35000		18	0.068					0.634	1.056	5:55	150	802	578	450	0.260	1.284	802	577						On GWD	Pitting			
916	Metal Loss	Int	2433.23	2447.1	18.54	22.23	40.78	670	AGM 3	433.65	AGM 4	858.61	42.000	0.375	0.375	35000		20	0.076					0.403	0.548	6:01	150	803	578	450	0.260	1.285	803	578							Pitting			
917	Metal Loss	Int	2433.64	2447.5	18.94	21.83	40.78	670	AGM 3	434.05	AGM 4	858.21	42.000	0.375	0.375	35000		30	0.113					0.685	0.812	6:02	150	801	577	450	0.260	1.282	800	576							Pitting			
918	Metal Loss	Int	2434.39	2448.3	19.70	21.08	40.78	670	AGM 3	434.80	AGM 4	857.46	42.000	0.375	0.375	35000		27	0.103					0.714	0.635	6:03	150	801	577	450	0.260	1.282	801	577							Pitting			
919	Metal Loss	Int	2434.56	2448.4	19.87	20.91	40.78	670	AGM 3	434.98	AGM 4	857.28	42.000	0.375	0.375	35000		32	0.119					0.562	0.581	6:00	150	802	577	450	0.260	1.283	801	577							Pitting			
920	Metal Loss	Int	2437.25	2451.0	22.56	18.22	40.78	670	AGM 3	437.67	AGM 4	854.60	42.000	0.375	0.375	35000		31	0.117					0.846	0.888	6:02	150	800	576	450	0.260	1.279	799	575							Pitting			
921	Metal Loss	Int	2441.78	2455.4	27.09	13.69	40.78	670	AGM 3	442.20	AGM 4	850.06	42.000	0.375	0.375	35000		18	0.069					0.628	0.721	6:02	150	802	578	450	0.260	1.284	802	577							Pitting			
922	Metal Loss	Int	2445.58	2459.1	30.89	9.89	40.78	670	AGM 3	446.00	AGM 4	846.27	42.000	0.375	0.375	35000		16	0.061					0.685	0.640	6:03	150	802	578	450	0.260	1.284	802	577							Pitting			
923	Metal Loss	Int	2447.93	2461.4	33.24	7.54	40.78	670	AGM 3	448.34	AGM 4	843.92	42.000	0.375	0.375	35000		16	0.061					0.370	0.557	6:05	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
924	Metal Loss	Int	2450.26	2463.6	35.57	5.21	40.78	670	AGM 3	450.67	AGM 4	841.59	42.000	0.375	0.375	35000		18	0.067					0.507	0.746	6:04	150	803	578	450	0.260	1.285	803	578							Pitting			
925	Metal Loss	Int	2454.93	2468.2	40.23	0.54	40.78	670	AGM 3	455.34	AGM 4	836.92	42.000	0.375	0.375	35000		20	0.076					0.363	0.546	6:08	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
926	Girth Weld		2455.47	2468.7	40.78	40.73	40.73	680	AGM 3	455.88	AGM 4	836.38	42.000	0.375	0.375	35000											150																	
927	Metal Loss	Int	2458.58	2471.7	3.11	37.62	40.73	680	AGM 3	458.99	AGM 4	833.27	42.000	0.375	0.375	35000		26	0.099					0.840	1.294	5:59	150	800	576	450	0.260	1.281	800	576							Pitting			
928	Metal Loss	Int	2459.99	2473.1	4.52	36.20	40.73	680	AGM 3	460.40	AGM 4	831.86	42.000	0.375	0.375	35000		17	0.062					0.366	0.562	5:59	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
929	Metal Loss	Int	2463.64	2476.6	8.17	32.56	40.73	680	AGM 3	464.05	AGM 4	828.21	42.000	0.375	0.375	35000		15	0.057					0.383	0.584	6:02	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
930	Metal Loss	Int	2463.99	2476.9	8.52	32.21	40.73	680	AGM 3	464.40	AGM 4	827.86	42.000	0.375	0.375	35000		19	0.070					0.644	0.786	6:02	150	802	578	450	0.260	1.284	802	577							Pitting			
931	Metal Loss	Int	2464.98	2477.9	9.52	31.21	40.73	680	AGM 3	465.40	AGM 4	826.86	42.000	0.375	0.375	35000		17	0.065					0.685	0.609	5:59	150	802	578	450	0.260	1.284	802	577							Pitting			
932	Metal Loss	Int	2468.30	2481.1	12.84	27.89	40.73	680	AGM 3	468.72	AGM 4	823.54	42.000	0.375	0.375	35000		29	0.109					0.925	1.267	6:01	150	799	575	450	0.261	1.279	798	575							Pitting			
933	Metal Loss	Int	2475.44	2488.0	19.98	20.75	40.73	680	AGM 3	475.86	AGM 4	816.40	42.000	0.375	0.375	35000		31	0.115					0.672	0.895	6:01	150	801	577	450	0.260	1.282	800	576							Pitting			
934	Metal Loss	Int	2476.09	2488.7	20.62	20.10	40.73	680	AGM 3	476.51	AGM 4	815.76	42.000	0.375	0.375	35000		21	0.080					0.525	0.579	5:57	150	803	578	450	0.260	1.284	802	577							Pitting			
935	Metal Loss	Int	2477.03	2489.6	21.56	19.17	40.73	680	AGM 3	477.44	AGM 4	814.82	42.000	0.375	0.375	35000		32	0.121					0.680	0.644	5:56	150	801	577	450	0.260	1.281	800	576							Pitting			
936	Metal Loss	Int	2478.24	2490.7	22.78	17.95	40.73	680	AGM 3	478.66	AGM 4	813.60	42.000	0.375	0.375	35000		22	0.082					0.570	0.602	5:58	150	802	578	450	0.260	1.284	802	577							Pitting			
937	Metal Loss	Int	2479.08	2491.6	23.61	17.11	40.73	680	AGM 3	479.49	AGM 4	812.77	42.000	0.375	0.375	35000		24	0.089					0.773	1.152	5:54	150	801	577	450	0.260	1.282	801	577							Pitting			
938	Cluster	Int	2479.90	2492.4	24.44	16.29	40.73	680	AGM 3	480.32	AGM 4	811.94	42.000	0.375	0.375	35000		24	0.089					1.373	3.436	6:02	150	796	573	450	0.262	1.274	799	575						CLS C				
939	Metal Loss	Int	2480.72	2493.1	25.26	15.47	40.73	680	AGM 3	481.14	AGM 4	811.12	42.000	0.375	0.375	35000		21	0.080					0.561	0.649	6:01	150	802	578	450	0.260	1.284	802	577							Pitting			
940	Metal Loss	Int	2481.26	2493.7	25.80	14.93	40.73	680	AGM 3	481.68	AGM 4	810.58	42.000	0.375	0.375	35000		25	0.092					0.703	0.732	5:56	150	802	577	450	0.260	1.282	801	577							Pitting			
941	Metal Loss	Int	2481.74	2494.1	26.27	14.45	40.73	680	AGM 3	482.16	AGM 4	810.11	42.000	0.375	0.375	35000		23	0.085					0.641	1.246	5:59	150	802	577	450	0.260	1.283	802	577							Pitting			
942	Metal Loss	Int	2482.08	2494.5	26.61	14.11	40.73	680	AGM 3	482.50	AGM 4	809.77	42.000	0.375	0.375	35000		26	0.099					0.839	1.032	5:57	150	800	576	450	0.260	1.281	800	576							Pitting			
943	Cluster	Int	2482.36	2494.7	26.89	13.84	40.73	680	AGM 3	482.77	AGM 4	809.49	42.000	0.375	0.375	35000		26	0.097					0.978	1.675	5:55	150	799	576	450	0.260	1.279	799	575						CLS C				
944	Metal Loss	Int	2483.11	2495.5	27.64	13.09	40.73	680	AGM 3	483.52	AGM 4	808.74	42.000	0.375	0.375	35000		22	0.083					0.631	0.758	5:56	150	802	578	450	0.260	1.283	802	577							Pitting			
945	Metal Loss	Int	2484.52	2496.8	29.06	11.67	40.73	680	AGM 3	484.94	AGM 4	807.32	42.000	0.375	0.375	35000		19	0.072					0.999	0.917	6:00	150	801	576	450	0.260	1.281	800	576							Pitting			
946	Metal Loss	Int	2484.75	2497.0	29.28	11.45	40.73	680	AGM 3	485.16	AGM 4	807.10	42.000	0.375	0.375	35000		18	0.068					0.541	0.744	6:01	150	803	578	450	0.260	1.284	803	578							Pitting			
947	Metal Loss	Int	2484.99	2497.3	29.53	11.20	40.73	680	AGM 3	485.41	AGM 4	806.85	42.000	0.375	0.375	35000		43	0.160					1.052	1.224	6:01	150	794	572	450	0.262	1.270	791	570							Pitting			
948	Metal Loss	Int	2486.38	2498.6	30.92	9.81	40.73	680	AGM 3	486.80	AGM 4	805.46	42.000	0.375	0.375	35000		29	0.110					1.077	1.007	6:01	150	798	574	450	0.261	1.276	796	573							Pitting			
949	Metal Loss	Int	2487.61	2499.8	32.14	8.59	40.73	680	AGM 3	488.02	AGM 4	804.24	42.000	0.375	0.375	35000		17	0.064					0.525	0.648	6:00	150	803	578	450	0.260	1.285	803	578							Pitting			
950	Metal Loss	Int	2487.96	2500.2	32.49	8.23	40.73	680	AGM 3	488.38	AGM 4	803.89	42.000	0.375	0.375	35000		32	0.120					0.968	1.110	6:15	150	798	575	450	0.261	1.277	797	574							Pitting			
951	Metal Loss	Int	2489.37	2501.5	33.91	6.82	40.73	680	AGM 3	489.79	AGM 4	802.47	42.000	0.375	0.375	35000		23	0.087					0.809	1.016	6:04	150	801	577	450	0.260	1.282	800	576							Pitting			
952	Metal Loss	Int	2491.37	2503.5	35.90	4.83	40.73	680	AGM 3	491.78	AGM 4	800.48	42.000	0.375	0.375	35000		15	0.057					0.436	0.602	6:17	150	803	578	450	0.260	1.285	803	578							Pitting			
953	Cluster	Int	2493.28	2505.3	37.81	2.91	40.73	680	AGM 3	493.70	AGM 4	798.57	42.000	0.375	0.375	35000		27	0.102					1.093	3.412	6:01	150	798	575	450	0.261	1.277	798	575						CLS C				
954	Metal Loss	Int	2494.21	2506.2	38.74	1.99	40.73	680	AGM 3	494.62	AGM 4	797.64	42.000	0.375	0.375	35000		18	0.068					0.680	1.155	6:05	150	802	578	450	0.260	1.284	802	577							Pitting			
955	Metal Loss	Int	2494.41	2506.4	38.94	1.78	40.73	680	AGM 3	494.83	AGM 4	797.44	42.000	0.375	0.375	35000		24	0.089					0.440	0.553	5:52	150	803	578	450	0.260	1.284	803	578							Pitting			
956	Girth Weld		2496.19	2508.1	40.73	39.08	39.08	690	AGM 3	496.61	AGM 4	795.65	42.000	0.375	0.375	35000											150																	
957	Cluster	Int	2498.88	2510.7	2.69	36.39	39.08	690	AGM 3	499.29	AGM 4	792.97	42.000	0.375	0.375	35000		21	0.080					2.486	1.902	6:03	150	786	566	450	0.265	1.257	792	570						CLS C				
958	Metal Loss	Int	2499.94	2511.8	3.74	35.34	39.08	690	AGM 3	500.35	AGM 4	791.91	42.000	0.375	0.375	35000		16	0.060					0.557	0.584	6:03	150	803	578	450	0.260	1.284	803	578							Pitting			
959	Metal Loss	Int	2500.62	2512.4	4.42	34.66	39.08	690	AGM 3	501.03	AGM 4	791.23	42.000	0.375	0.375	35000		24	0.090					0.384	0.651	5:58	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
960	Metal Loss	Int	2500.84	2512.6	4.65	34.43	39.08	690	AGM 3	501.26	AGM 4	791.00	42.000	0.375	0.375	35000		21	0.079					0.353	0.543	6:00	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
961	Metal Loss	Int	2501.94	2513.7	5.74	33.33	39.08	690	AGM 3	502.35	AGM 4	789.91	42.000	0.375	0.375	35000		25	0.094					0.627	0.688	6:11	150	802	577	450	0.260	1.283	801	577							Pitting			
962	Metal Loss	Int	2502.49	2514.2	6.29	32.79	39.08	690	AGM 3	502.90	AGM 4	789.36	42.000	0.375	0.375	35000		17	0.065					0.370	0.550	5:47	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
963	Metal Loss	Int	2503.42	2515.1	7.23	31.85	39.08	690	AGM 3	503.84	AGM 4	788.43	42.000	0.375	0.375	35000		18	0.067					0.804	0.770	6:01	150	802	577	450	0.260	1.283	801	577							Pitting			
964	Metal Loss	Int	2504.09	2515.8	7.89	31.19	39.08	690	AGM 3	504.50	AGM 4	787.76	42.000	0.375	0.375	35000		22	0.082					1.216	1.156	6:01	150	798	575	450	0.261	1.278	797	574							Pitting			
965	Metal Loss	Int	2506.85	2518.5	10.65	28.43	39.08	690	AGM 3	507.26	AGM 4	785.00	42.000	0.375	0.375	35000		20	0.073					0.555	0.609	5:59	150	803	578	450	0.260	1.284	802	577							Pitting			
966	Metal Loss	Int	2507.81	2519.4	11.61	27.47	39.08	690	AGM 3	508.22	AGM 4	784.04	42.000	0.375	0.375	35000		20	0.076					0.713	0.632	5:55	150	802	577	450	0.260	1.283	802	577							Pitting			
967	Metal Loss	Int	2509.46	2521.0	13.27	25.81	39.08	690	AGM 3	509.88	AGM 4	782.38	42.000	0.375	0.375	35000		25	0.093					0.393	0.556	5:56	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
968	Cluster	Int	2509.62	2521.1	13.43	25.65	39.08	690	AGM 3	510.03	AGM 4	782.23	42.000	0.375	0.375	35000		22	0.082					0.986	1.700	6:04	150	800	576	450	0.260	1.280	799	575						CLS C				
969	Metal Loss	Int	2510.96	2522.4	14.77	24.31	39.08	690	AGM 3	511.38	AGM 4	780.89	42.000	0.375	0.375	35000		18	0.067					0.406	0.552	5:57	150	803	578	450	0.260	1.285	803	578							Pitting			
970	Metal Loss	Int	2512.52	2524.0	16.33	22.75	39.08	690	AGM 3	512.94	AGM 4	779.33	42.000	0.375	0.375	35000		16	0.060					0.824	0.666	5:58	150	802	577	450	0.260	1.283	802	577							Pitting			
971	Metal Loss	Int	2514.13	2525.5	17.94	21.14	39.08	690	AGM 3	514.55	AGM 4	777.72	42.000	0.375	0.375	35000		26	0.099					1.294	1.233	5:58	150	796	573	450	0.262	1.274	795	572							General Metal-loss			
972	Metal Loss	Int	2516.33	2527.6	20.14	18.94	39.08	690	AGM 3	516.75	AGM 4	775.51	42.000	0.375	0.375	35000		25	0.094					1.219	1.227	5:56	150	797	574	450	0.261	1.276	796	573							General Metal-loss			
973	Metal Loss	Int	2517.44	2528.7	21.24	17.84	39.08	690	AGM 3	517.85	AGM 4	774.41	42.000	0.375	0.375	35000		17	0.062					0.858	1.190	5:56	150	802	577	450	0.260	1.283	801	577							Pitting			
974	Metal Loss	Int	2518.09	2529.4	21.90	17.18	39.08	690	AGM 3	518.51	AGM 4	773.75	42.000	0.375	0.375	35000		17	0.062					0.548	0.592	6:06	150	803	578	450	0.260	1.284	803	578							Pitting			
975	Metal Loss	Int	2518.96	2530.2	22.76	16.32	39.08	690	AGM 3	519.37	AGM 4	772.89	42.000	0.375	0.375	35000		15	0.057					0.503	0.568	6:09	150	803	578	450	0.260	1.285	803	578							Pitting			
976	Metal Loss	Int	2519.14	2530.4	22.95	16.13	39.08	690	AGM 3	519.55	AGM 4	772.71	42.000	0.375	0.375	35000		16	0.060					0.315	0.522	6:03	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
977	Metal Loss	Int	2520.09	2531.3	23.90	15.18	39.08	690	AGM 3	520.51	AGM 4	771.76	42.000	0.375	0.375	35000		20	0.075					1.197	1.769	5:56	150	799	575	450	0.261	1.279	798	575							General Metal-loss			
978	Metal Loss	Int	2523.60	2534.7	27.41	11.67	39.08	690	AGM 3	524.02	AGM 4	768.24	42.000	0.375	0.375	35000		15	0.057					0.560	0.569	5:59	150	803	578	450	0.260	1.285	803	578							Pitting			
979	Cluster	Int	2525.41	2536.4	29.22	9.86	39.08	690	AGM 3	525.82	AGM 4	766.44	42.000	0.375	0.375	35000		23	0.088					2.509	1.133	5:59	150	783	564	450	0.266	1.253	792	570						CLS C				
980	Metal Loss	Int	2525.79	2536.8	29.59	9.49	39.08	690	AGM 3	526.20	AGM 4	766.06	42.000	0.375	0.375	35000		17	0.063					0.904	1.583	6:02	150	801	577	450	0.260	1.282	801	577							Pitting			
981	Metal Loss	Int	2527.61	2538.6	31.41	7.67	39.08	690	AGM 3	528.02	AGM 4	764.24	42.000	0.375	0.375	35000		16	0.059					0.328	0.542	6:02	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
982	Metal Loss	Int	2529.22	2540.1	33.03	6.05	39.08	690	AGM 3	529.64	AGM 4	762.63	42.000	0.375	0.375	35000		24	0.088					0.647	0.700	5:47	150	802	577	450	0.260	1.283	802	577							Pitting			
983	Metal Loss	Int	2530.59	2541.5	34.40	4.68	39.08	690	AGM 3	531.01	AGM 4	761.25	42.000	0.375	0.375	35000		44	0.165					0.718	0.642	6:07	150	799	575	450	0.261	1.278	797	574							Pitting			
984	Metal Loss	Int	2533.76	2544.5	37.57	1.51	39.08	690	AGM 3	534.18	AGM 4	758.08	42.000	0.375	0.375	35000		25	0.094					0.706	0.732	6:00	150	801	577	450	0.260	1.282	801	577							Pitting			
985	Girth Weld		2535.27	2546.0	39.08	40.72	40.72	700	AGM 3	535.69	AGM 4	756.57	42.000	0.375	0.375	35000											150																	
986	Metal Loss	Int	2560.93	2570.9	25.66	15.07	40.72	700	AGM 3	561.35	AGM 4	730.91	42.000	0.375	0.375	35000		27	0.101					0.684	0.802	6:00	150	801	577	450	0.260	1.282	801	577							Pitting			
987	Metal Loss	Int	2573.00	2582.5	37.72	3.00	40.72	700	AGM 3	573.41	AGM 4	718.85	42.000	0.375	0.375	35000		22	0.082					0.606	0.592	5:49	150	802	578	450	0.260	1.284	802	577							Pitting			
988	Metal Loss	Int	2574.58	2584.1	39.31	1.42	40.72	700	AGM 3	575.00	AGM 4	717.27	42.000	0.375	0.375	35000		40	0.149					0.793	0.665	5:51	150	799	575	450	0.261	1.278	797	574							Pitting			
989	Girth Weld		2576.00	2585.5	40.72	40.41	40.41	710	AGM 3	576.41	AGM 4	715.85	42.000	0.375	0.375	35000											150																	
990	Cluster	Int	2577.40	2586.8	1.41	39.00	40.41	710	AGM 3	577.82	AGM 4	714.44	42.000	0.375	0.375	35000		26	0.097					1.218	4.270	6:00	150	797	574	450	0.261	1.276	797	574						CLS C				
991	Metal Loss	Int	2585.96	2595.1	9.96	30.45	40.41	710	AGM 3	586.37	AGM 4	705.89	42.000	0.375	0.375	35000		21	0.078					0.315	0.527	6:09	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
992	Metal Loss	Int	2586.91	2596.0	10.91	29.50	40.41	710	AGM 3	587.32	AGM 4	704.94	42.000	0.375	0.375	35000		17	0.064					0.315	0.529	5:43	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
993	Metal Loss	Int	2586.96	2596.1	10.96	29.45	40.41	710	AGM 3	587.37	AGM 4	704.89	42.000	0.375	0.375	35000		19	0.072					0.802	1.197	6:09	150	802	577	450	0.260	1.283	801	577							Pitting			
994	Metal Loss	Int	2587.28	2596.4	11.28	29.13	40.41	710	AGM 3	587.69	AGM 4	704.57	42.000	0.375	0.375	35000		21	0.079					0.485	0.606	6:00	150	803	578	450	0.260	1.284	803	578							Pitting			
995	Metal Loss	Int	2587.63	2596.7	11.64	28.77	40.41	710	AGM 3	588.05	AGM 4	704.21	42.000	0.375	0.375	35000		27	0.102					0.726	0.900	6:03	150	801	577	450	0.260	1.282	800	576							Pitting			
996	Metal Loss	Int	2592.14	2601.1	16.14	24.26	40.41	710	AGM 3	592.56	AGM 4	699.70	42.000	0.375	0.375	35000		37	0.139					0.851	1.411	6:03	150	798	575	450	0.261	1.277	797	574							Pitting			
997	Metal Loss	Int	2602.03	2610.7	26.03	14.37	40.41	710	AGM 3	602.45	AGM 4	689.81	42.000	0.375	0.375	35000		21	0.081					0.593	0.936	6:33	150	802	578	450	0.260	1.284	802	577							Pitting			
998	Metal Loss	Int	2603.74	2612.3	27.75	12.66	40.41	710	AGM 3	604.16	AGM 4	688.10	42.000	0.375	0.375	35000		34	0.128					1.035	1.002	6:03	150	797	574	450	0.261	1.275	795	572							Pitting			
999	Metal Loss	Int	2604.49	2613.1	28.50	11.91	40.41	710	AGM 3	604.91	AGM 4	687.35	42.000	0.375	0.375	35000		30	0.112					0.604	0.602	6:05	150	802	577	450	0.260	1.283	801	577							Pitting			
1000	Metal Loss	Int	2604.99	2613.5	28.99	11.42	40.41	710	AGM 3	605.40	AGM 4	686.86	42.000	0.375	0.375	35000		37	0.140					0.709	0.983	5:49	150	800	576	450	0.260	1.280	799	575							Pitting			
1001	Metal Loss	Int	2606.57	2615.1	30.57	9.83	40.41	710	AGM 3	606.99	AGM 4	685.27	42.000	0.375	0.375	35000		21	0.078					0.342	0.529	6:44	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1002	Metal Loss	Int	2611.19	2619.6	35.19	5.22	40.41	710	AGM 3	611.60	AGM 4	680.66	42.000	0.375	0.375	35000		22	0.083					0.972	1.905	5:55	150	800	576	450	0.260	1.280	799	575							Pitting			
1003	Cluster	Int	2613.58	2621.9	37.59	2.82	40.41	710	AGM 3	614.00	AGM 4	678.26	42.000	0.375	0.375	35000		28	0.105					1.651	2.850	6:02	150	791	570	450	0.263	1.266	789	568						CLS C				
1004	Metal Loss	Int	2614.14	2622.4	38.15	2.26	40.41	710	AGM 3	614.56	AGM 4	677.70	42.000	0.375	0.375	35000		46	0.172					1.441	2.022	5:52	150	784	564	450	0.266	1.254	778	560							General Metal-loss			
1005	Metal Loss	Int	2615.66	2623.9	39.66	0.75	40.41	710	AGM 3	616.08	AGM 4	676.19	42.000	0.375	0.375	35000		31	0.117					1.233	2.073	6:08	150	795	573	450	0.262	1.272	793	571							General Metal-loss			
1006	Metal Loss	Int	2615.83	2624.0	39.84	0.57	40.41	710	AGM 3	616.25	AGM 4	676.01	42.000	0.375	0.375	35000		20	0.076					0.665	0.767	6:11	150	802	578	450	0.260	1.283	802	577							Pitting			
1007	Metal Loss	Int	2616.30	2624.5	40.30	0.11	40.41	710	AGM 3	616.71	AGM 4	675.55	42.000	0.375	0.375	35000		18	0.069					0.621	0.662	6:11	150	802	578	450	0.260	1.284	802	577						Near GWD	Pitting			
1008	Girth Weld		2616.41	2624.6	40.41	40.62	40.62	720	AGM 3	616.82	AGM 4	675.44	42.000	0.375	0.375	35000											150																	
1009	Metal Loss	Int	2618.89	2627.0	2.48	38.13	40.62	720	AGM 3	619.30	AGM 4	672.96	42.000	0.375	0.375	35000		36	0.134					1.178	2.224	6:05	150	794	572	450	0.262	1.271	792	570							Pitting			
1010	Metal Loss	Int	2619.27	2627.4	2.86	37.75	40.62	720	AGM 3	619.68	AGM 4	672.58	42.000	0.375	0.375	35000		42	0.158					0.942	0.937	6:00	150	796	573	450	0.262	1.274	794	572							Pitting			
1011	Metal Loss	Int	2620.30	2628.4	3.90	36.72	40.62	720	AGM 3	620.72	AGM 4	671.54	42.000	0.375	0.375	35000		16	0.060					0.420	0.562	6:01	150	803	578	450	0.260	1.285	803	578							Pitting			
1012	Metal Loss	Int	2621.37	2629.4	4.97	35.65	40.62	720	AGM 3	621.79	AGM 4	670.47	42.000	0.375	0.375	35000		30	0.113					1.028	1.882	6:02	150	798	575	450	0.261	1.277	797	574							Pitting			
1013	Metal Loss	Int	2627.01	2634.9	10.61	30.01	40.62	720	AGM 3	627.43	AGM 4	664.83	42.000	0.375	0.375	35000		43	0.163					1.003	1.017	6:02	150	795	572	450	0.262	1.271	792	570							Pitting			
1014	Cluster	Int	2627.36	2635.2	10.95	29.66	40.62	720	AGM 3	627.77	AGM 4	664.49	42.000	0.375	0.375	35000		33	0.124					1.914	1.751	6:08	150	783	564	450	0.266	1.253	786	566						CLS C				
1015	Metal Loss	Int	2630.65	2638.4	14.24	26.37	40.62	720	AGM 3	631.06	AGM 4	661.20	42.000	0.375	0.375	35000		31	0.115					0.784	1.061	5:58	150	800	576	450	0.260	1.280	799	575							Pitting			
1016	Metal Loss	Int	2631.75	2639.5	15.34	25.27	40.62	720	AGM 3	632.16	AGM 4	660.10	42.000	0.375	0.375	35000		40	0.150					1.093	1.202	6:20	150	794	572	450	0.262	1.271	791	570							Pitting			
1017	Metal Loss	Int	2637.49	2645.0	21.08	19.53	40.62	720	AGM 3	637.90	AGM 4	654.36	42.000	0.375	0.375	35000		56	0.209					1.497	1.659	6:00	150	774	558	450	0.269	1.239	763	549							General Metal-loss			
1018	Metal Loss	Int	2640.73	2648.2	24.32	16.30	40.62	720	AGM 3	641.14	AGM 4	651.12	42.000	0.375	0.375	35000		45	0.168					1.023	1.215	6:05	150	794	571	450	0.263	1.270	791	570							Pitting			
1019	Metal Loss	Int	2642.54	2649.9	26.13	14.48	40.62	720	AGM 3	642.95	AGM 4	649.31	42.000	0.375	0.375	35000		32	0.118					1.179	1.431	5:54	150	796	573	450	0.262	1.273	794	572							Pitting			
1020	Girth Weld		2657.02	2664.0	40.62	40.79	40.79	730	AGM 3	657.44	AGM 4	634.82	42.000	0.375	0.375	35000											150																	
1021	Metal Loss	Int	2657.06	2664.0	0.04	40.75	40.79	730	AGM 3	657.48	AGM 4	634.78	42.000	0.375	0.375	35000		34	0.127					0.965	3.921	6:09	150	798	574	450	0.261	1.276	796	573						On GWD	Circumferential Grooving			
1022	Metal Loss	Int	2659.74	2666.6	2.72	38.07	40.79	730	AGM 3	660.16	AGM 4	632.10	42.000	0.375	0.375	35000		30	0.112					0.967	0.827	6:22	150	799	575	450	0.261	1.278	797	574							Pitting			
1023	Metal Loss	Int	2661.46	2668.2	4.43	36.36	40.79	730	AGM 3	661.87	AGM 4	630.39	42.000	0.375	0.375	35000		23	0.088					0.430	0.553	5:52	150	803	578	450	0.260	1.285	803	578							Pitting			
1024	Metal Loss	Int	2661.74	2668.5	4.72	36.07	40.79	730	AGM 3	662.15	AGM 4	630.11	42.000	0.375	0.375	35000		26	0.098					0.619	0.713	6:09	150	802	577	450	0.260	1.283	801	577							Pitting			
1025	Metal Loss	Int	2662.41	2669.2	5.39	35.41	40.79	730	AGM 3	662.82	AGM 4	629.44	42.000	0.375	0.375	35000		32	0.120					1.076	1.345	5:51	150	797	574	450	0.261	1.275	795	572							Pitting			
1026	Metal Loss	Int	2664.15	2670.9	7.13	33.67	40.79	730	AGM 3	664.56	AGM 4	627.70	42.000	0.375	0.375	35000		24	0.090					0.666	0.850	5:49	150	802	577	450	0.260	1.283	801	577							Pitting			
1027	Metal Loss	Int	2666.31	2673.0	9.29	31.50	40.79	730	AGM 3	666.73	AGM 4	625.53	42.000	0.375	0.375	35000		21	0.078					0.868	0.860	5:52	150	801	577	450	0.260	1.282	801	577							Pitting			
1028	Metal Loss	Int	2667.07	2673.7	10.05	30.74	40.79	730	AGM 3	667.49	AGM 4	624.77	42.000	0.375	0.375	35000		20	0.075					0.533	0.595	6:14	150	803	578	450	0.260	1.284	802	577							Pitting			
1029	Metal Loss	Int	2670.49	2677.0	13.47	27.32	40.79	730	AGM 3	670.91	AGM 4	621.36	42.000	0.375	0.375	35000		24	0.088					0.413	0.557	5:56	150	803	578	450	0.260	1.285	803	578							Pitting			
1030	Metal Loss	Int	2672.32	2678.8	15.30	25.49	40.79	730	AGM 3	672.74	AGM 4	619.52	42.000	0.375	0.375	35000		35	0.129					1.046	1.390	6:02	150	797	574	450	0.261	1.275	795	572							Pitting			
1031	Metal Loss	Int	2673.23	2679.7	16.21	24.58	40.79	730	AGM 3	673.65	AGM 4	618.61	42.000	0.375	0.375	35000		33	0.123					0.748	0.794	6:07	150	800	576	450	0.260	1.280	799	575							Pitting			
1032	Metal Loss	Int	2673.95	2680.4	16.93	23.86	40.79	730	AGM 3	674.36	AGM 4	617.90	42.000	0.375	0.375	35000		27	0.099					0.639	0.794	6:04	150	802	577	450	0.260	1.283	801	577							Pitting			
1033	Metal Loss	Int	2675.57	2681.9	18.55	22.24	40.79	730	AGM 3	675.98	AGM 4	616.28	42.000	0.375	0.375	35000		16	0.060					0.732	0.691	6:11	150	802	578	450	0.260	1.284	802	577							Pitting			
1034	Metal Loss	Int	2678.56	2684.8	21.54	19.26	40.79	730	AGM 3	678.97	AGM 4	613.29	42.000	0.375	0.375	35000		28	0.106					0.585	0.629	5:48	150	802	577	450	0.260	1.283	801	577							Pitting			
1035	Metal Loss	Int	2679.15	2685.4	22.13	18.67	40.79	730	AGM 3	679.56	AGM 4	612.70	42.000	0.375	0.375	35000		15	0.057					0.620	0.673	5:54	150	803	578	450	0.260	1.284	802	577							Pitting			
1036	Metal Loss	Int	2683.45	2689.6	26.43	14.36	40.79	730	AGM 3	683.87	AGM 4	608.39	42.000	0.375	0.375	35000		36	0.134					0.735	0.788	6:08	150	800	576	450	0.260	1.280	799	575							Pitting			
1037	Metal Loss	Int	2685.56	2691.6	28.54	12.25	40.79	730	AGM 3	685.98	AGM 4	606.28	42.000	0.375	0.375	35000		34	0.127					0.757	0.692	6:09	150	800	576	450	0.260	1.280	799	575							Pitting			
1038	Metal Loss	Int	2689.17	2695.1	32.14	8.65	40.79	730	AGM 3	689.58	AGM 4	602.68	42.000	0.375	0.375	35000		35	0.130					0.633	0.761	5:51	150	801	577	450	0.260	1.281	800	576							Pitting			
1039	Metal Loss	Int	2692.16	2698.0	35.14	5.66	40.79	730	AGM 3	692.57	AGM 4	599.69	42.000	0.375	0.375	35000		28	0.103					0.691	0.696	6:00	150	801	577	450	0.260	1.282	801	577							Pitting			
1040	Metal Loss	Int	2694.16	2699.9	37.14	3.66	40.79	730	AGM 3	694.57	AGM 4	597.69	42.000	0.375	0.375	35000		28	0.104					0.568	0.704	6:05	150	802	577	450	0.260	1.283	802	577							Pitting			
1041	Metal Loss	Int	2695.82	2701.5	38.80	2.00	40.79	730	AGM 3	696.23	AGM 4	596.03	42.000	0.375	0.375	35000		33	0.124					0.803	0.891	6:06	150	800	576	450	0.260	1.279	799	575							Pitting			
1042	Metal Loss	Int	2697.79	2703.5	40.77	0.02	40.79	730	AGM 3	698.21	AGM 4	594.06	42.000	0.375	0.375	35000		25	0.092					0.898	3.661	6:05	150	800	576	450	0.260	1.280	800	576						On GWD	Circumferential Grooving			
1043	Girth Weld		2697.81	2703.5	40.79	40.52	40.52	740	AGM 3	698.23	AGM 4	594.03	42.000	0.375	0.375	35000											150																	
1044	Metal Loss	Int	2700.06	2705.6	2.24	38.27	40.52	740	AGM 3	700.47	AGM 4	591.79	42.000	0.375	0.375	35000		28	0.106					0.565	0.674	6:04	150	802	577	450	0.260	1.283	802	577							Pitting			
1045	Metal Loss	Int	2700.40	2706.0	2.58	37.94	40.52	740	AGM 3	700.81	AGM 4	591.45	42.000	0.375	0.375	35000		28	0.104					0.872	1.359	6:08	150	800	576	450	0.260	1.280	799	575							Pitting			
1046	Metal Loss	Int	2702.90	2708.4	5.08	35.43	40.52	740	AGM 3	703.31	AGM 4	588.95	42.000	0.375	0.375	35000		28	0.104					0.665	1.056	6:09	150	801	577	450	0.260	1.282	801	577							Pitting			
1047	Metal Loss	Int	2706.29	2711.7	8.47	32.05	40.52	740	AGM 3	706.70	AGM 4	585.56	42.000	0.375	0.375	35000		28	0.106					0.826	1.347	6:13	150	800	576	450	0.260	1.280	799	575							Pitting			
1048	Metal Loss	Int	2708.50	2713.8	10.69	29.83	40.52	740	AGM 3	708.92	AGM 4	583.34	42.000	0.375	0.375	35000		21	0.080					0.346	0.540	5:56	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1049	Metal Loss	Int	2716.35	2721.4	18.54	21.98	40.52	740	AGM 3	716.77	AGM 4	575.49	42.000	0.375	0.375	35000		34	0.126					0.494	0.680	5:51	150	802	577	450	0.260	1.283	802	577							Pitting			
1050	Metal Loss	Int	2716.77	2721.8	18.95	21.57	40.52	740	AGM 3	717.18	AGM 4	575.08	42.000	0.375	0.375	35000		40	0.148					0.816	1.157	6:04	150	798	575	450	0.261	1.277	797	574							Pitting			
1051	Metal Loss	Int	2718.59	2723.6	20.78	19.74	40.52	740	AGM 3	719.00	AGM 4	573.26	42.000	0.375	0.375	35000		25	0.092					0.740	1.123	6:01	150	801	577	450	0.260	1.282	801	577							Pitting			
1052	Metal Loss	Int	2719.43	2724.4	21.61	18.91	40.52	740	AGM 3	719.84	AGM 4	572.42	42.000	0.375	0.375	35000		27	0.102					0.619	1.022	6:13	150	802	577	450	0.260	1.283	801	577							Pitting			
1053	Metal Loss	Int	2720.78	2725.7	22.96	17.56	40.52	740	AGM 3	721.19	AGM 4	571.07	42.000	0.375	0.375	35000		27	0.100					0.834	0.931	6:05	150	800	576	450	0.260	1.281	800	576							Pitting			
1054	Metal Loss	Int	2721.74	2726.7	23.92	16.59	40.52	740	AGM 3	722.15	AGM 4	570.11	42.000	0.375	0.375	35000		25	0.094					0.356	0.535	6:12	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1055	Metal Loss	Int	2728.77	2733.5	30.95	9.56	40.52	740	AGM 3	729.18	AGM 4	563.08	42.000	0.375	0.375	35000		15	0.057					0.380	0.542	6:10	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1056	Metal Loss	Int	2731.39	2736.0	33.57	6.94	40.52	740	AGM 3	731.80	AGM 4	560.46	42.000	0.375	0.375	35000		38	0.141					0.523	0.591	6:06	150	802	577	450	0.260	1.282	801	577							Pitting			
1057	Metal Loss	Int	2735.63	2740.1	37.81	2.71	40.52	740	AGM 3	736.04	AGM 4	556.22	42.000	0.375	0.375	35000		16	0.059					0.381	0.555	6:02	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1058	Metal Loss	Int	2738.12	2742.5	40.31	0.21	40.52	740	AGM 3	738.54	AGM 4	553.72	42.000	0.375	0.375	35000		21	0.077					0.717	0.907	6:06	150	802	577	450	0.260	1.283	801	577							Pitting			
1059	Girth Weld		2738.33	2742.7	40.52	40.33	40.33	750	AGM 3	738.75	AGM 4	553.51	42.000	0.375	0.375	35000											150																	
1060	Metal Loss	Int	2740.85	2745.2	2.52	37.82	40.33	750	AGM 3	741.27	AGM 4	551.00	42.000	0.375	0.375	35000		15	0.058					0.398	0.560	9:25	150	803	578	450	0.260	1.285	803	578							Pitting			
1061	Metal Loss	Int	2744.56	2748.8	6.23	34.11	40.33	750	AGM 3	744.98	AGM 4	547.29	42.000	0.375	0.375	35000		17	0.064					0.315	0.538	9:06	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1062	Metal Loss	Int	2748.58	2752.7	10.25	30.09	40.33	750	AGM 3	748.99	AGM 4	543.27	42.000	0.375	0.375	35000		16	0.059					0.583	1.045	6:23	150	803	578	450	0.260	1.284	803	578							Pitting			
1063	Metal Object		2768.90	2772.3	30.56	9.77	40.33	750	AGM 3	769.31	AGM 4	522.95	42.000	0.375	0.375	35000								3.091	9.276	11:09	150													Close Metal Object				
1064	Girth Weld		2778.67	2781.8	40.33	39.06	39.06	760	AGM 3	779.08	AGM 4	513.18	42.000	0.375	0.375	35000											150																	
1065	Metal Loss	Int	2786.57	2789.5	7.90	31.15	39.06	760	AGM 3	786.98	AGM 4	505.28	42.000	0.375	0.375	35000		26	0.096					0.490	0.640	6:04	150	803	578	450	0.260	1.284	802	577							Pitting			
1066	Cluster	Int	2793.15	2795.8	14.48	24.57	39.06	760	AGM 3	793.56	AGM 4	498.70	42.000	0.375	0.375	35000		33	0.125					2.186	2.125	6:07	150	778	560	450	0.268	1.245	792	570						CLS C				
1067	Metal Loss	Int	2794.80	2797.4	16.13	22.92	39.06	760	AGM 3	795.21	AGM 4	497.05	42.000	0.375	0.375	35000		17	0.065					0.457	0.690	6:15	150	803	578	450	0.260	1.285	803	578							Pitting			
1068	Metal Loss	Int	2797.00	2799.6	18.33	20.72	39.06	760	AGM 3	797.41	AGM 4	494.85	42.000	0.375	0.375	35000		30	0.111					0.555	0.752	6:08	150	802	577	450	0.260	1.283	802	577							Pitting			
1069	Metal Loss	Int	2800.92	2803.4	22.26	16.80	39.06	760	AGM 3	801.34	AGM 4	490.92	42.000	0.375	0.375	35000		28	0.104					0.602	0.826	6:01	150	802	577	450	0.260	1.283	801	577							Pitting			
1070	Girth Weld		2817.72	2819.6	39.06	39.91	39.91	770	AGM 3	818.14	AGM 4	474.13	42.000	0.375	0.375	35000											150																	
1071	Metal Loss	Int	2818.99	2820.9	1.27	38.64	39.91	770	AGM 3	819.41	AGM 4	472.85	42.000	0.375	0.375	35000		38	0.142					0.999	1.398	6:02	150	796	573	450	0.262	1.274	794	572							Pitting			
1072	Metal Loss	Int	2822.91	2824.7	5.19	34.72	39.91	770	AGM 3	823.33	AGM 4	468.94	42.000	0.375	0.375	35000		28	0.106					0.464	0.576	6:07	150	802	578	450	0.260	1.284	802	577							Pitting			
1073	Metal Loss	Int	2823.05	2824.8	5.33	34.59	39.91	770	AGM 3	823.46	AGM 4	468.80	42.000	0.375	0.375	35000		24	0.091					0.574	0.605	6:07	150	802	578	450	0.260	1.284	802	577							Pitting			
1074	Metal Loss	Int	2824.40	2826.1	6.68	33.23	39.91	770	AGM 3	824.82	AGM 4	467.44	42.000	0.375	0.375	35000		19	0.072					0.776	0.726	6:10	150	802	577	450	0.260	1.283	801	577							Pitting			
1075	Metal Loss	Int	2825.38	2827.1	7.66	32.25	39.91	770	AGM 3	825.80	AGM 4	466.46	42.000	0.375	0.375	35000		23	0.085					0.917	1.317	6:05	150	800	576	450	0.260	1.281	800	576							Pitting			
1076	Metal Loss	Int	2830.66	2832.2	12.94	26.98	39.91	770	AGM 3	831.07	AGM 4	461.19	42.000	0.375	0.375	35000		29	0.109					0.912	1.283	6:05	150	799	576	450	0.260	1.279	798	575							Pitting			
1077	Metal Loss	Int	2833.22	2834.7	15.50	24.41	39.91	770	AGM 3	833.64	AGM 4	458.62	42.000	0.375	0.375	35000		32	0.121					0.742	0.728	6:07	150	800	576	450	0.260	1.280	799	575							Pitting			
1078	Metal Loss	Int	2838.42	2839.7	20.70	19.21	39.91	770	AGM 3	838.84	AGM 4	453.42	42.000	0.375	0.375	35000		39	0.147					0.910	1.105	6:00	150	797	574	450	0.261	1.275	795	572							Pitting			
1079	Metal Loss	Int	2839.13	2840.4	21.41	18.50	39.91	770	AGM 3	839.55	AGM 4	452.71	42.000	0.375	0.375	35000		25	0.092					0.705	0.968	6:00	150	802	577	450	0.260	1.282	801	577							Pitting			
1080	Metal Loss	Int	2843.50	2844.6	25.77	14.14	39.91	770	AGM 3	843.91	AGM 4	448.35	42.000	0.375	0.375	35000		37	0.138					1.249	1.262	6:03	150	793	571	450	0.263	1.269	790	569							General Metal-loss			
1081	Metal Loss	Int	2844.73	2845.8	27.01	12.91	39.91	770	AGM 3	845.14	AGM 4	447.12	42.000	0.375	0.375	35000		21	0.077					0.628	0.647	6:03	150	802	578	450	0.260	1.284	802	577							Pitting			
1082	Metal Loss	Int	2846.83	2847.9	29.11	10.80	39.91	770	AGM 3	847.25	AGM 4	445.01	42.000	0.375	0.375	35000		38	0.144					0.608	0.944	6:02	150	801	577	450	0.260	1.281	800	576							Pitting			
1083	Metal Loss	Int	2847.83	2848.8	30.11	9.81	39.91	770	AGM 3	848.24	AGM 4	444.02	42.000	0.375	0.375	35000		43	0.161					0.976	1.309	5:59	150	795	573	450	0.262	1.272	793	571							Pitting			
1084	Metal Loss	Int	2850.25	2851.2	32.53	7.38	39.91	770	AGM 3	850.67	AGM 4	441.59	42.000	0.375	0.375	35000		19	0.073					0.402	0.547	5:54	150	803	578	450	0.260	1.285	803	578							Pitting			

Reported Feature Reference									Upstream (U/S) Reference		Downstream (D/S) Reference		Pipe Specification					Reported Feature Dimensions									Calculated Values								Classification		XYZ Information							
Feature Number (sequential order)	Pipeline Feature	INT/ EXT (ID/OD)	Odometer	Station Number	Distance to U/S weld	Distance to D/S weld	Joint Length	Defect Joint Number	Name	Distance from:	Name	Distance to:	Diameter	Nominal Wall Thickness	Measured Wall Thickness	Pipe Grade (SMYS)	Long Seam Orientation	Metal Loss Depth	Metal Loss Depth	Deformation on Depth	Deformation on Depth	Crack Depth	Crack Depth	Length	Width	Orientation	MOP	Modified B31.G Modified B31.G P_BURST	Modified B31.G Modified B31.G P_SAFE	Design Pressure (72% SMYS)	ERF MOP / P_SAFE	RPR P_BURST / 100% SMYS	Effective Area P_BURST	Effective Area P_SAFE	Group Number	Group Category	NAD 83 Latitude	NAD 83 Longitude	NAVD 88 Elevation	Comments	POF classification	Excavation/ Repair Required	SPLC Notes	Tool Type/ Technology
			(feet)	(feet)	(feet)	(feet)	(feet)			(feet)		(feet)	(inch)	(inch)	(inch)	(psi)		(%)	(inch)	(%)	(inch)	(%)	(inch)	(inch)	(inch)	(O'clock)	(psi)	(psi)	(psi)	(psi)			(psi)	(psi)					(feet)			Target/Yes/AGM		
1085	Metal Loss	Int	2850.60	2851.5	32.88	7.03	39.91	770	AGM 3	851.02	AGM 4	441.24	42.000	0.375	0.375	35000		32	0.119					0.700	0.588	6:05	150	801	577	450	0.260	1.281	800	576							Pitting			
1086	Metal Loss	Int	2851.33	2852.2	33.61	6.30	39.91	770	AGM 3	851.75	AGM 4	440.51	42.000	0.375	0.375	35000		19	0.071					0.391	0.554	6:05	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1087	Metal Loss	Int	2851.52	2852.4	33.80	6.11	39.91	770	AGM 3	851.94	AGM 4	440.32	42.000	0.375	0.375	35000		24	0.089					0.765	0.735	6:03	150	801	577	450	0.260	1.282	801	577							Pitting			
1088	Metal Loss	Int	2851.71	2852.6	33.99	5.92	39.91	770	AGM 3	852.13	AGM 4	440.13	42.000	0.375	0.375	35000		19	0.072					0.600	0.848	5:55	150	802	578	450	0.260	1.284	802	577							Pitting			
1089	Metal Loss	Int	2855.31	2856.1	37.59	2.33	39.91	770	AGM 3	855.72	AGM 4	436.54	42.000	0.375	0.375	35000		24	0.091					0.915	1.051	5:57	150	800	576	450	0.260	1.280	799	575							Pitting			
1090	Girth Weld		2857.64	2858.3	39.91	40.57	40.57	780	AGM 3	858.05	AGM 4	434.21	42.000	0.375	0.375	35000											150																	
1091	Metal Loss	Int	2858.55	2859.2	0.92	39.65	40.57	780	AGM 3	858.97	AGM 4	433.29	42.000	0.375	0.375	35000		33	0.123					0.871	1.199	6:00	150	799	575	450	0.261	1.278	798	575							Pitting			
1092	Metal Loss	Int	2858.88	2859.5	1.24	39.33	40.57	780	AGM 3	859.29	AGM 4	432.97	42.000	0.375	0.375	35000		28	0.105					0.829	0.859	5:59	150	800	576	450	0.260	1.280	799	575							Pitting			
1093	Metal Loss	Int	2859.08	2859.7	1.44	39.13	40.57	780	AGM 3	859.49	AGM 4	432.77	42.000	0.375	0.375	35000		33	0.124					0.999	1.356	6:05	150	798	574	450	0.261	1.276	796	573							Pitting			
1094	Metal Loss	Int	2859.74	2860.4	2.10	38.47	40.57	780	AGM 3	860.15	AGM 4	432.11	42.000	0.375	0.375	35000		30	0.112					1.016	1.703	6:06	150	798	575	450	0.261	1.277	797	574							Pitting			
1095	Metal Loss	Int	2862.48	2863.0	4.84	35.73	40.57	780	AGM 3	862.89	AGM 4	429.37	42.000	0.375	0.375	35000		29	0.110					0.703	0.904	6:05	150	801	577	450	0.260	1.282	800	576							Pitting			
1096	Metal Loss	Int	2875.48	2875.6	17.84	22.73	40.57	780	AGM 3	875.89	AGM 4	416.37	42.000	0.375	0.375	35000		26	0.096					0.596	0.972	6:04	150	802	577	450	0.260	1.283	802	577							Pitting			
1097	Metal Loss	Int	2883.99	2883.9	26.36	14.21	40.57	780	AGM 3	884.41	AGM 4	407.85	42.000	0.375	0.375	35000		28	0.107					0.889	1.086	6:03	150	800	576	450	0.260	1.279	799	575							Pitting			
1098	Metal Loss	Int	2889.78	2889.5	32.15	8.42	40.57	780	AGM 3	890.20	AGM 4	402.06	42.000	0.375	0.375	35000		21	0.078					0.493	0.616	6:03	150	803	578	450	0.260	1.284	803	578							Pitting			
1099	Metal Loss	Int	2894.29	2893.8	36.65	3.92	40.57	780	AGM 3	894.70	AGM 4	397.56	42.000	0.375	0.375	35000		25	0.093					0.407	0.546	6:14	150	803	578	450	0.260	1.285	803	578							Pitting			
1100	Metal Loss	Int	2898.16	2897.6	40.53	0.04	40.57	780	AGM 3	898.58	AGM 4	393.68	42.000	0.375	0.375	35000		23	0.086					0.630	3.013	6:06	150	802	577	450	0.260	1.283	802	577						On GWD	Circumferential Grooving			
1101	Girth Weld		2898.21	2897.6	40.57	40.91	40.91	790	AGM 3	898.62	AGM 4	393.64	42.000	0.375	0.375	35000											150																	
1102	Metal Object		2905.45	2904.6	7.24	33.67	40.91	790	AGM 3	905.86	AGM 4	386.40	42.000	0.375	0.375	35000								3.454	4.743	10:54	150													Close Metal Object				
1103	Metal Object		2935.70	2934.0	37.50	3.41	40.91	790	AGM 3	936.12	AGM 4	356.14	42.000	0.375	0.375	35000								5.078	6.124	3:01	150													Close Metal Object				
1104	Girth Weld		2939.12	2937.3	40.91	40.72	40.72	800	AGM 3	939.53	AGM 4	352.73	42.000	0.375	0.375	35000											150																	
1105	Metal Loss	Int	2949.34	2947.2	10.22	30.50	40.72	800	AGM 3	949.75	AGM 4	342.51	42.000	0.375	0.375	35000		25	0.093					0.727	0.830	5:53	150	801	577	450	0.260	1.282	801	577							Pitting			
1106	Metal Loss	Int	2951.92	2949.7	12.80	27.91	40.72	800	AGM 3	952.33	AGM 4	339.93	42.000	0.375	0.375	35000		32	0.122					0.571	0.644	5:16	150	802	577	450	0.260	1.283	801	577							Pitting			
1107	Metal Loss	Int	2953.94	2951.6	14.82	25.89	40.72	800	AGM 3	954.35	AGM 4	337.91	42.000	0.375	0.375	35000		27	0.103					0.885	0.742	7:07	150	800	576	450	0.260	1.280	799	575							Pitting			
1108	Metal Loss	Int	2957.30	2954.9	18.18	22.54	40.72	800	AGM 3	957.71	AGM 4	334.55	42.000	0.375	0.375	35000		27	0.102					1.222	2.121	6:19	150	797	574	450	0.261	1.275	795	572							General Metal-loss			
1109	Metal Loss	Int	2958.67	2956.2	19.56	21.16	40.72	800	AGM 3	959.09	AGM 4	333.17	42.000	0.375	0.375	35000		25	0.094					0.521	0.601	7:21	150	802	578	450	0.260	1.284	802	577							Pitting			
1110	Metal Loss	Int	2966.98	2964.3	27.86	12.85	40.72	800	AGM 3	967.39	AGM 4	324.87	42.000	0.375	0.375	35000		47	0.178					1.313	1.469	5:02	150	786	566	450	0.265	1.258	781	562							General Metal-loss			
1111	Metal Loss	Int	2967.60	2964.9	28.49	12.23	40.72	800	AGM 3	968.02	AGM 4	324.24	42.000	0.375	0.375	35000		38	0.143					0.546	0.679	4:50	150	801	577	450	0.260	1.282	801	577							Pitting			
1112	Metal Loss	Int	2968.00	2965.2	28.89	11.83	40.72	800	AGM 3	968.42	AGM 4	323.84	42.000	0.375	0.375	35000		49	0.182					1.310	1.201	7:05	150	786	566	450	0.265	1.257	780	562							General Metal-loss			
1113	Metal Loss	Int	2971.83	2969.0	32.72	8.00	40.72	800	AGM 3	972.25	AGM 4	320.01	42.000	0.375	0.375	35000		39	0.145					0.964	0.991	4:43	150	797	573	450	0.262	1.274	795	572							Pitting			
1114	Metal Loss	Int	2973.09	2970.2	33.97	6.75	40.72	800	AGM 3	973.50	AGM 4	318.76	42.000	0.375	0.375	35000		22	0.083					0.701	0.608	6:03	150	802	577	450	0.260	1.283	801	577							Pitting			
1115	Metal Loss	Int	2974.86	2971.9	35.74	4.97	40.72	800	AGM 3	975.27	AGM 4	316.99	42.000	0.375	0.375	35000		37	0.138					0.639	0.567	4:50	150	801	576	450	0.260	1.281	800	576							Pitting			
1116	Metal Loss	Int	2975.51	2972.5	36.40	4.32	40.72	800	AGM 3	975.93	AGM 4	316.33	42.000	0.375	0.375	35000		42	0.158					0.498	0.578	4:51	150	801	577	450	0.260	1.282	801	577							Pitting			
1117	Metal Loss	Int	2975.94	2972.9	36.82	3.90	40.72	800	AGM 3	976.35	AGM 4	315.91	42.000	0.375	0.375	35000		31	0.118					0.606	0.627	4:51	150	801	577	450	0.260	1.282	801	577							Pitting			
1118	Metal Loss	Int	2976.10	2973.1	36.99	3.73	40.72	800	AGM 3	976.52	AGM 4	315.75	42.000	0.375	0.375	35000		21	0.079					0.969	0.807	7:13	150	800	576	450	0.260	1.281	800	576							Pitting			
1119	Metal Loss	Int	2976.23	2973.2	37.11	3.61	40.72	800	AGM 3	976.64	AGM 4	315.62	42.000	0.375	0.375	35000		42	0.158					0.693	0.613	4:51	150	799	576	450	0.260	1.279	798	575							Pitting			
1120	Metal Loss	Int	2977.01	2974.0	37.89	2.82	40.72	800	AGM 3	977.42	AGM 4	314.84	42.000	0.375	0.375	35000		31	0.117					0.756	0.615	4:51	150	800	576	450	0.260	1.281	799	575							Pitting			
1121	Metal Loss	Int	2977.34	2974.3	38.22	2.50	40.72	800	AGM 3	977.75	AGM 4	314.51	42.000	0.375	0.375	35000		23	0.087					0.674	0.582	4:51	150	802	577	450	0.260	1.283	801	577							Pitting			
1122	Metal Loss	Int	2977.60	2974.5	38.48	2.24	40.72	800	AGM 3	978.01	AGM 4	314.25	42.000	0.375	0.375	35000		65	0.243					1.550	0.802	7:17	150	762	549	450	0.273	1.219	743	535							Pitting			
1123	Metal Loss	Int	2977.75	2974.7	38.63	2.09	40.72	800	AGM 3	978.16	AGM 4	314.10	42.000	0.375	0.375	35000		45	0.168					0.544	0.588	4:51	150	801	577	450	0.260	1.281	800	576							Pitting			
1124	Metal Loss	Int	2977.89	2974.8	38.77	1.95	40.72	800	AGM 3	978.30	AGM 4	313.96	42.000	0.375	0.375	35000		41	0.154					1.357	1.141	7:15	150	789	568	450	0.264	1.262	785	565							Pitting			
1125	Metal Loss	Int	2977.91	2974.8	38.79	1.92	40.72	800	AGM 3	978.33	AGM 4	313.94	42.000	0.375	0.375	35000		22	0.084					0.767	0.629	4:50	150	801	577	450	0.260	1.282	801	577							Pitting			
1126	Metal Loss	Int	2978.12	2975.0	39.00	1.72	40.72	800	AGM 3	978.53	AGM 4	313.73	42.000	0.375	0.375	35000		34	0.128					0.483	0.587	4:50	150	802	577	450	0.260	1.283	802	577							Pitting			
1127	Cluster	Int	2978.69	2975.6	39.57	1.15	40.72	800	AGM 3	979.10	AGM 4	313.16	42.000	0.375	0.375	35000		27	0.100					1.965	1.017	4:41	150	788	567	450	0.265	1.260	793	571						CLS C				
1128	Metal Loss	Int	2979.03	2975.9	39.91	0.80	40.72	800	AGM 3	979.45	AGM 4	312.82	42.000	0.375	0.375	35000		28	0.105					1.156	1.601	7:16	150	797	574	450	0.261	1.275	796	573							Pitting			
1129	Metal Loss	Int	2979.28	2976.2	40.16	0.56	40.72	800	AGM 3	979.69	AGM 4	312.57	42.000	0.375	0.375	35000		24	0.091					0.619	0.586	4:19	150	802	577	450	0.260	1.283	802	577							Pitting			
1130	Metal Loss	Int	2979.34	2976.2	40.22	0.50	40.72	800	AGM 3	979.75	AGM 4	312.51	42.000	0.375	0.375	35000		17	0.065					1.169	1.520	4:41	150	800	576	450	0.260	1.280	799	575							Pitting			
1131	Cluster	Int	2979.64	2976.5	40.52	0.20	40.72	800	AGM 3	980.05	AGM 4	312.21	42.000	0.375	0.375	35000		32	0.120					2.059	0.845	4:37	150	782	563	450	0.266	1.251	791	570						CLS C I Near GWD				
1132	Girth Weld		2979.83	2976.7	40.72	39.48	39.48	810	AGM 3	980.25	AGM 4	312.01	42.000	0.375	0.375	35000											150																	
1133	Metal Loss	Int	2980.69	2977.5	0.85	38.63	39.48	810	AGM 3	981.10	AGM 4	311.16	42.000	0.375	0.375	35000		19	0.073					0.654	0.585	5:57	150	802	578	450	0.260	1.284	802	577							Pitting			
1134	Metal Loss	Int	2981.36	2978.2	1.53	37.95	39.48	810	AGM 3	981.78	AGM 4	310.49	42.000	0.375	0.375	35000		21	0.079					0.485	0.551	5:58	150	803	578	450	0.260	1.284	803	578							Pitting			
1135	Metal Loss	Int	2982.13	2978.9	2.29	37.19	39.48	810	AGM 3	982.54	AGM 4	309.72	42.000	0.375	0.375	35000		23	0.086					0.685	0.662	5:58	150	802	577	450	0.260	1.283	801	577							Pitting			
1136	Metal Loss	Int	2982.96	2979.7	3.13	36.35	39.48	810	AGM 3	983.38	AGM 4	308.88	42.000	0.375	0.375	35000		16	0.061					0.575	0.541	6:06	150	803	578	450	0.260	1.284	803	578							Pitting			
1137	Metal Loss	Int	2983.86	2980.6	4.03	35.45	39.48	810	AGM 3	984.28	AGM 4	307.98	42.000	0.375	0.375	35000		19	0.070					0.486	0.567	5:07	150	803	578	450	0.260	1.285	803	578							Pitting			
1138	Metal Loss	Int	2985.45	2982.1	5.61	33.87	39.48	810	AGM 3	985.86	AGM 4	306.40	42.000	0.375	0.375	35000		64	0.238					1.661	1.487	5:25	150	758	546	450	0.275	1.213	738	531							General Metal-loss			
1139	Metal Loss	Int	2987.07	2983.7	7.24	32.24	39.48	810	AGM 3	987.49	AGM 4	304.78	42.000	0.375	0.375	35000		36	0.136					1.096	0.892	6:12	150	795	573	450	0.262	1.273	793	571							Pitting			
1140	Metal Loss	Int	2987.51	2984.1	7.67	31.81	39.48	810	AGM 3	987.92	AGM 4	304.34	42.000	0.375	0.375	35000		23	0.085					1.772	2.698	6:43	150	793	571	450	0.263	1.268	790	569							General Metal-loss			
1141	Metal Loss	Int	2987.64	2984.3	7.81	31.67	39.48	810	AGM 3	988.06	AGM 4	304.20	42.000	0.375	0.375	35000		40	0.150					1.435	1.648	6:09	150	788	567	450	0.265	1.261	783	564							General Metal-loss			
1142	Metal Loss	Int	2988.79	2985.4	8.95	30.53	39.48	810	AGM 3	989.20	AGM 4	303.06	42.000	0.375	0.375	35000		32	0.121					0.945	0.611	7:44	150	798	575	450	0.261	1.277	797	574							Pitting			
1143	Metal Loss	Int	2991.46	2988.0	11.62	27.86	39.48	810	AGM 3	991.87	AGM 4	300.39	42.000	0.375	0.375	35000		28	0.104					2.604	3.089	6:04	150	777	559	450	0.268	1.243	770	554							General Metal-loss			
1144	Metal Loss	Int	2992.32	2988.8	12.48	27.00	39.48	810	AGM 3	992.73	AGM 4	299.53	42.000	0.375	0.375	35000		22	0.084					0.970	1.182	5:59	150	800	576	450	0.260	1.280	799	575							Pitting			
1145	Cluster	Int	2992.63	2989.1	12.80	26.68	39.48	810	AGM 3	993.05	AGM 4	299.21	42.000	0.375	0.375	35000		18	0.067					1.884	2.998	6:10	150	795	572	450	0.262	1.271	793	571						CLS C				
1146	Cluster	Int	2993.66	2990.1	13.83	25.65	39.48	810	AGM 3	994.08	AGM 4	298.18	42.000	0.375	0.375	35000		23	0.088					1.903	0.951	5:51	150	791	569	450	0.264	1.265	797	574						CLS C				
1147	Metal Loss	Int	2994.18	2990.6	14.34	25.14	39.48	810	AGM 3	994.59	AGM 4	297.67	42.000	0.375	0.375	35000		16	0.061					1.101	3.155	6:05	150	801	576	450	0.260	1.281	800	576							Circumferential Grooving			
1148	Metal Loss	Int	2994.53	2990.9	14.69	24.79	39.48	810	AGM 3	994.94	AGM 4	297.32	42.000	0.375	0.375	35000		18	0.069					0.683	0.620	6:08	150	802	578	450	0.260	1.284	802	577							Pitting			
1149	Metal Loss	Int	2994.73	2991.1	14.89	24.59	39.48	810	AGM 3	995.14	AGM 4	297.12	42.000	0.375	0.375	35000		20	0.076					0.664	0.830	6:12	150	802	578	450	0.260	1.283	802	577							Pitting			
1150	Metal Loss	Int	2995.20	2991.6	15.36	24.12	39.48	810	AGM 3	995.61	AGM 4	296.65	42.000	0.375	0.375	35000		21	0.078					1.230	1.266	6:01	150	799	575	450	0.261	1.278	798	575							General Metal-loss			
1151	Cluster	Int	2995.54	2991.9	15.70	23.78	39.48	810	AGM 3	995.95	AGM 4	296.31	42.000	0.375	0.375	35000		17	0.063					1.399	4.104	6:06	150	799	575	450	0.261	1.278	798	575						CLS C				
1152	Metal Loss	Int	2996.35	2992.7	16.51	22.97	39.48	810	AGM 3	996.76	AGM 4	295.50	42.000	0.375	0.375	35000		25	0.094					1.052	0.680	6:18	150	799	575	450	0.261	1.278	798	575							Pitting			
1153	Metal Loss	Int	2996.53	2992.9	16.69	22.78	39.48	810	AGM 3	996.94	AGM 4	295.32	42.000	0.375	0.375	35000		28	0.104					0.833	0.683	6:06	150	800	576	450	0.260	1.280	799	575							Pitting			
1154	Metal Loss	Int	2996.88	2993.2	17.04	22.44	39.48	810	AGM 3	997.29	AGM 4	294.97	42.000	0.375	0.375	35000		17	0.063					0.842	1.098	5:48	150	802	577	450	0.260	1.283	801	577							Pitting			
1155	Metal Loss	Int	2997.03	2993.4	17.20	22.28	39.48	810	AGM 3	997.44	AGM 4	294.82	42.000	0.375	0.375	35000		30	0.111					0.784	0.820	5:46	150	800	576	450	0.260	1.281	800	576							Pitting			
1156	Cluster	Int	2997.27	2993.6	17.43	22.05	39.48	810	AGM 3	997.68	AGM 4	294.58	42.000	0.375	0.375	35000		57	0.212					2.406	4.502	6:06	150	737	530	450	0.283	1.178	717	516						CLS C				
1157	Metal Loss	Int	2997.76	2994.1	17.92	21.56	39.48	810	AGM 3	998.17	AGM 4	294.09	42.000	0.375	0.375	35000		27	0.102					0.740	0.671	5:44	150	801	577	450	0.260	1.282	800	576							Pitting			
1158	Metal Loss	Int	2997.91	2994.2	18.08	21.40	39.48	810	AGM 3	998.33	AGM 4	293.93	42.000	0.375	0.375	35000		29	0.110					0.754	0.691	6:18	150	801	576	450	0.260	1.281	800	576							Pitting			
1159	Metal Loss	Int	2998.24	2994.5	18.41	21.07	39.48	810	AGM 3	998.66	AGM 4	293.60	42.000	0.375	0.375	35000		28	0.106					1.113	1.079	5:58	150	798	574	450	0.261	1.276	796	573							Pitting			
1160	Metal Loss	Int	2998.49	2994.8	18.65	20.83	39.48	810	AGM 3	998.90	AGM 4	293.36	42.000	0.375	0.375	35000		18	0.066					0.779	0.645	5:52	150	802	577	450	0.260	1.283	802	577							Pitting			
1161	Metal Loss	Int	2999.48	2995.7	19.64	19.84	39.48	810	AGM 3	999.89	AGM 4	292.37	42.000	0.375	0.375	35000		38	0.141					1.070	0.844	6:17	150	795	573	450	0.262	1.273	793	571							Pitting			
1162	Metal Loss	Int	2999.86	2996.1	20.03	19.45	39.48	810	AGM 3	1000.28	AGM 4	291.99	42.000	0.375	0.375	35000		30	0.114					0.802	0.679	5:47	150	800	576	450	0.260	1.280	799	575							Pitting			
1163	Metal Loss	Int	3000.40	2996.6	20.57	18.91	39.48	810	AGM 3	1000.82	AGM 4	291.44	42.000	0.375	0.375	35000		24	0.088					0.576	0.586	5:48	150	802	578	450	0.260	1.284	802	577							Pitting			
1164	Metal Loss	Int	3001.01	2997.2	21.17	18.31	39.48	810	AGM 3	1001.42	AGM 4	290.84	42.000	0.375	0.375	35000		24	0.090					1.124	1.029	5:59	150	799	575	450	0.261	1.278	797	574							Pitting			
1165	Metal Loss	Int	3001.85	2998.0	22.02	17.46	39.48	810	AGM 3	1002.27	AGM 4	289.99	42.000	0.375	0.375	35000		42	0.157					1.480	1.761	6:10	150	786	566	450	0.265	1.257	781	562							General Metal-loss			
1166	Cluster	Int	3002.74	2998.9	22.91	16.57	39.48	810	AGM 3	1003.16	AGM 4	289.11	42.000	0.375	0.375	35000		44	0.165					2.603	5.309	5:58	150	753	542	450	0.277	1.205	749	539						CLS C				
1167	Metal Loss	Int	3003.61	2999.7	23.78	15.70	39.48	810	AGM 3	1004.03	AGM 4	288.23	42.000	0.375	0.375	35000		16	0.061					1.371	2.837	5:55	150	799	575	450	0.261	1.278	798	575							General Metal-loss			
1168	Metal Loss	Int	3003.99	3000.1	24.16	15.32	39.48	810	AGM 3	1004.41	AGM 4	287.85	42.000	0.375	0.375	35000		29	0.109					0.937	0.818	6:13	150	799	575	450	0.261	1.279	798	575							Pitting			
1169	Metal Loss	Int	3004.27	3000.4	24.43	15.05	39.48	810	AGM 3	1004.68	AGM 4	287.58	42.000	0.375	0.375	35000		18	0.066					0.807	0.766	6:11	150	802	577	450	0.260	1.283	801	577							Pitting			
1170	Metal Loss	Int	3004.49	3000.6	24.66	14.82	39.48	810	AGM 3	1004.91	AGM 4	287.35	42.000	0.375	0.375	35000		54	0.201					1.339	1.195	6:05	150	781	563	450	0.266	1.250	773	557							General Metal-loss			
1171	Metal Loss	Int	3004.94	3001.0	25.11	14.37	39.48	810	AGM 3	1005.36	AGM 4	286.90	42.000	0.375	0.375	35000		50	0.186					1.052	0.866	5:55	150	791	570	450	0.263	1.266	787	567							Pitting			
1172	Metal Loss	Int	3006.35	3002.4	26.51	12.97	39.48	810	AGM 3	1006.76	AGM 4	285.50	42.000	0.375	0.375	35000		16	0.061					0.948	0.919	6:09	150	801	577	450	0.260	1.282	801	577							Pitting			
1173	Metal Loss	Int	3008.78	3004.8	28.95	10.53	39.48	810	AGM 3	1009.20	AGM 4	283.06	42.000	0.375	0.375	35000		26	0.097					0.451	0.622	5:58	150	803	578	450	0.260	1.284	802	577							Pitting			
1174	Metal Loss	Int	3009.66	3005.6	29.83	9.65	39.48	810	AGM 3	1010.07	AGM 4	282.19	42.000	0.375	0.375	35000		28	0.104					0.757	0.650	6:02	150	801	577	450	0.260	1.281	800	576							Pitting			
1175	Metal Loss	Int	3010.10	3006.0	30.27	9.21	39.48	810	AGM 3	1010.52	AGM 4	281.74	42.000	0.375	0.375	35000		32	0.120					0.620	0.621	5:52	150	801	577	450	0.260	1.282	801	577							Pitting			
1176	Metal Loss	Int	3010.31	3006.2	30.48	9.00	39.48	810	AGM 3	1010.73	AGM 4	281.53	42.000	0.375	0.375	35000		22	0.084					0.464	0.564	5:43	150	803	578	450	0.260	1.284	803	578							Pitting			
1177	Metal Loss	Int	3010.67	3006.6	30.83	8.65	39.48	810	AGM 3	1011.08	AGM 4	281.18	42.000	0.375	0.375	35000		25	0.095					1.038	1.375	5:51	150	799	575	450	0.261	1.278	798	575							Pitting			
1178	Metal Loss	Int	3010.93	3006.8	31.10	8.38	39.48	810	AGM 3	1011.35	AGM 4	280.91	42.000	0.375	0.375	35000		21	0.079					0.505	0.565	4:20	150	803	578	450	0.260	1.284	802	577							Pitting			
1179	Metal Loss	Int	3012.02	3007.9	32.19	7.29	39.48	810	AGM 3	1012.44	AGM 4	279.82	42.000	0.375	0.375	35000		19	0.070					0.573	0.723	5:55	150	803	578	450	0.260	1.284	802	577							Pitting			
1180	Metal Loss	Int	3012.22	3008.1	32.38	7.10	39.48	810	AGM 3	1012.63	AGM 4	279.63	42.000	0.375	0.375	35000		20	0.077					0.520	0.622	5:41	150	803	578	450	0.260	1.284	802	577							Pitting			
1181	Metal Loss	Int	3012.46	3008.3	32.63	6.85	39.48	810	AGM 3	1012.88	AGM 4	279.38	42.000	0.375	0.375	35000		18	0.066					0.474	0.567	4:24	150	803	578	450	0.260	1.285	803	578							Pitting			
1182	Metal Loss	Int	3012.73	3008.6	32.90	6.58	39.48	810	AGM 3	1013.15	AGM 4	279.12	42.000	0.375	0.375	35000		19	0.070					0.542	0.625	6:15	150	803	578	450	0.260	1.284	802	577							Pitting			
1183	Metal Loss	Int	3013.48	3009.3	33.64	5.84	39.48	810	AGM 3	1013.89	AGM 4	278.37	42.000	0.375	0.375	35000		15	0.058					0.637	0.893	5:51	150	803	578	450	0.260	1.284	802	577							Pitting			
1184	Metal Loss	Int	3013.48	3009.3	33.65	5.83	39.48	810	AGM 3	1013.90	AGM 4	278.36	42.000	0.375	0.375	35000		16	0.059					0.380	0.554	6:12	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1185	Metal Loss	Int	3015.17	3010.9	35.34	4.14	39.48	810	AGM 3	1015.59	AGM 4	276.67	42.000	0.375	0.375	35000		20	0.076					0.382	0.550	4:19	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1186	Metal Loss	Int	3015.81	3011.6	35.98	3.50	39.48	810	AGM 3	1016.23	AGM 4	276.03	42.000	0.375	0.375	35000		20	0.075					0.549	0.709	6:01	150	803	578	450	0.260	1.284	802	577							Pitting			
1187	Metal Loss	Int	3015.89	3011.6	36.05	3.43	39.48	810	AGM 3	1016.30	AGM 4	275.96	42.000	0.375	0.375	35000		21	0.078					0.471	0.570	6:41	150	803	578	450	0.260	1.285	803	578							Pitting			
1188	Metal Loss	Int	3015.97	3011.7	36.13	3.35	39.48	810	AGM 3	1016.38	AGM 4	275.88	42.000	0.375	0.375	35000		16	0.061					0.563	0.684	7:47	150	803	578	450	0.260	1.284	803	578							Pitting			
1189	Metal Loss	Int	3016.08	3011.8	36.24	3.24	39.48	810	AGM 3	1016.49	AGM 4	275.77	42.000	0.375	0.375	35000		35	0.133					1.293	1.190	6:00	150	793	571	450	0.263	1.268	790	569							General Metal-loss			
1190	Metal Loss	Int	3016.40	3012.1	36.56	2.92	39.48	810	AGM 3	1016.81	AGM 4	275.45	42.000	0.375	0.375	35000		20	0.075					1.136	1.071	6:09	150	799	576	450	0.260	1.279	799	575							Pitting			
1191	Metal Loss	Int	3017.17	3012.9	37.34	2.14	39.48	810	AGM 3	1017.58	AGM 4	274.68	42.000	0.375	0.375	35000		20	0.074					0.704	0.606	5:48	150	802	577	450	0.260	1.283	802	577							Pitting			
1192	Metal Loss	Int	3017.29	3013.0	37.45	2.03	39.48	810	AGM 3	1017.70	AGM 4	274.56	42.000	0.375	0.375	35000		16	0.062					0.468	1.011	7:34	150	803	578	450	0.260	1.285	803	578							Circumferential Grooving			
1193	Metal Loss	Int	3017.32	3013.0	37.49	1.99	39.48	810	AGM 3	1017.74	AGM 4	274.52	42.000	0.375	0.375	35000		20	0.076					0.483	0.706	5:49	150	803	578	450	0.260	1.284	803	578							Pitting			
1194	Metal Loss	Int	3017.54	3013.2	37.70	1.78	39.48	810	AGM 3	1017.95	AGM 4	274.31	42.000	0.375	0.375	35000		20	0.075					0.436	0.557	7:50	150	803	578	450	0.260	1.285	803	578							Pitting			
1195	Metal Loss	Int	3017.61	3013.3	37.77	1.71	39.48	810	AGM 3	1018.02	AGM 4	274.24	42.000	0.375	0.375	35000		18	0.067					0.553	0.668	5:41	150	803	578	450	0.260	1.284	803	578							Pitting			
1196	Metal Loss	Int	3017.69	3013.4	37.86	1.62	39.48	810	AGM 3	1018.11	AGM 4	274.15	42.000	0.375	0.375	35000		29	0.108					0.856	1.075	7:36	150	800	576	450	0.260	1.280	799	575							Pitting			
1197	Metal Loss	Int	3018.44	3014.1	38.61	0.87	39.48	810	AGM 3	1018.86	AGM 4	273.41	42.000	0.375	0.375	35000		15	0.057					0.315	0.548	6:18	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1198	Metal Loss	Int	3018.97	3014.6	39.13	0.35	39.48	810	AGM 3	1019.38	AGM 4	272.88	42.000	0.375	0.375	35000		27	0.100					0.732	0.711	5:57	150	801	577	450	0.260	1.282	801	577							Pitting			
1199	Girth Weld		3019.31	3015.0	39.48	39.66	39.66	820	AGM 3	1019.73	AGM 4	272.53	42.000	0.375	0.375	35000											150																	
1200	Metal Loss	Int	3020.05	3015.7	0.74	38.92	39.66	820	AGM 3	1020.47	AGM 4	271.79	42.000	0.375	0.375	35000		24	0.089					0.455	0.596	5:45	150	803	578	450	0.260	1.284	803	578							Pitting			
1201	Metal Loss	Int	3020.98	3016.6	1.67	37.98	39.66	820	AGM 3	1021.40	AGM 4	270.86	42.000	0.375	0.375	35000		19	0.071					0.453	0.562	5:56	150	803	578	450	0.260	1.285	803	578							Pitting			
1202	Metal Loss	Int	3022.25	3017.8	2.93	36.72	39.66	820	AGM 3	1022.66	AGM 4	269.60	42.000	0.375	0.375	35000		40	0.152					1.615	1.891	6:43	150	784	564	450	0.266	1.254	778	560							General Metal-loss			
1203	Metal Loss	Int	3022.49	3018.0	3.18	36.48	39.66	820	AGM 3	1022.90	AGM 4	269.36	42.000	0.375	0.375	35000		29	0.108					0.633	0.634	5:37	150	802	577	450	0.260	1.282	801	577							Pitting			
1204	Metal Loss	Int	3024.52	3020.0	5.21	34.44	39.66	820	AGM 3	1024.94	AGM 4	267.32	42.000	0.375	0.375	35000		17	0.065					0.343	0.533	6:31	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1205	Metal Loss	Int	3025.65	3021.1	6.33	33.32	39.66	820	AGM 3	1026.06	AGM 4	266.20	42.000	0.375	0.375	35000		25	0.092					0.732	0.758	5:56	150	801	577	450	0.260	1.282	801	577							Pitting			
1206	Metal Loss	Int	3026.57	3022.0	7.25	32.40	39.66	820	AGM 3	1026.98	AGM 4	265.28	42.000	0.375	0.375	35000		23	0.088					0.476	0.608	5:40	150	803	578	450	0.260	1.284	802	577							Pitting			
1207	Metal Loss	Int	3026.80	3022.2	7.48	32.17	39.66	820	AGM 3	1027.21	AGM 4	265.05	42.000	0.375	0.375	35000		21	0.080					0.732	0.853	6:07	150	802	577	450	0.260	1.283	801	577							Pitting			
1208	Metal Loss	Int	3027.83	3023.2	8.52	31.14	39.66	820	AGM 3	1028.25	AGM 4	264.02	42.000	0.375	0.375	35000		27	0.100					0.959	0.984	5:57	150	799	576	450	0.260	1.279	798	575							Pitting			
1209	Metal Loss	Int	3028.24	3023.6	8.92	30.73	39.66	820	AGM 3	1028.65	AGM 4	263.61	42.000	0.375	0.375	35000		21	0.079					0.433	0.557	6:36	150	803	578	450	0.260	1.285	803	578							Pitting			
1210	Metal Loss	Int	3029.72	3025.0	10.40	29.25	39.66	820	AGM 3	1030.13	AGM 4	262.13	42.000	0.375	0.375	35000		18	0.067					0.567	0.615	7:39	150	803	578	450	0.260	1.284	802	577							Pitting			
1211	Metal Loss	Int	3029.90	3025.2	10.59	29.07	39.66	820	AGM 3	1030.31	AGM 4	261.95	42.000	0.375	0.375	35000		19	0.071					0.315	0.571	5:53	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1212	Metal Loss	Int	3030.35	3025.7	11.04	28.62	39.66	820	AGM 3	1030.76	AGM 4	261.50	42.000	0.375	0.375	35000		23	0.085					0.573	0.662	5:51	150	802	578	450	0.260	1.284	802	577							Pitting			
1213	Cluster	Int	3030.61	3025.9	11.30	28.36	39.66	820	AGM 3	1031.03	AGM 4	261.23	42.000	0.375	0.375	35000		34	0.128					1.968	3.661	6:06	150	782	563	450	0.266	1.250	794	572						CLS C				
1214	Metal Loss	Int	3031.06	3026.3	11.75	27.91	39.66	820	AGM 3	1031.48	AGM 4	260.78	42.000	0.375	0.375	35000		21	0.079					0.559	0.586	5:50	150	802	578	450	0.260	1.284	802	577							Pitting			
1215	Metal Loss	Int	3031.30	3026.6	11.99	27.67	39.66	820	AGM 3	1031.71	AGM 4	260.55	42.000	0.375	0.375	35000		22	0.083					0.706	0.806	5:58	150	802	577	450	0.260	1.283	801	577							Pitting			
1216	Metal Loss	Int	3032.67	3027.9	13.36	26.30	39.66	820	AGM 3	1033.09	AGM 4	259.17	42.000	0.375	0.375	35000		17	0.065					0.864	1.012	6:04	150	802	577	450	0.260	1.282	801	577							Pitting			
1217	Metal Loss	Int	3032.86	3028.1	13.54	26.11	39.66	820	AGM 3	1033.27	AGM 4	258.99	42.000	0.375	0.375	35000		21	0.080					0.431	0.552	6:01	150	803	578	450	0.260	1.285	803	578							Pitting			
1218	Metal Loss	Int	3035.02	3030.2	15.71	23.95	39.66	820	AGM 3	1035.44	AGM 4	256.82	42.000	0.375	0.375	35000		17	0.064					0.434	0.561	6:05	150	803	578	450	0.260	1.285	803	578							Pitting			
1219	Metal Loss	Int	3038.97	3034.0	19.65	20.00	39.66	820	AGM 3	1039.38	AGM 4	252.88	42.000	0.375	0.375	35000		15	0.057					0.545	0.636	5:58	150	803	578	450	0.260	1.285	803	578							Pitting			
1220	Metal Loss	Int	3039.82	3034.8	20.51	19.15	39.66	820	AGM 3	1040.23	AGM 4	252.03	42.000	0.375	0.375	35000		34	0.128					1.051	1.179	5:56	150	797	574	450	0.261	1.275	795	572							Pitting			
1221	Metal Loss	Int	3041.06	3036.0	21.74	17.91	39.66	820	AGM 3	1041.47	AGM 4	250.79	42.000	0.375	0.375	35000		19	0.070					0.592	0.668	5:59	150	803	578	450	0.260	1.284	802	577							Pitting			
1222	Metal Loss	Int	3041.29	3036.2	21.97	17.68	39.66	820	AGM 3	1041.70	AGM 4	250.56	42.000	0.375	0.375	35000		19	0.070					0.396	0.556	6:16	150	803	578	450	0.260	1.285	803	578							Pitting			
1223	Metal Loss	Int	3043.47	3038.4	24.15	15.50	39.66	820	AGM 3	1043.88	AGM 4	248.38	42.000	0.375	0.375	35000		22	0.083					0.539	0.575	5:43	150	803	578	450	0.260	1.284	802	577							Pitting			
1224	Metal Loss	Int	3043.61	3038.5	24.29	15.36	39.66	820	AGM 3	1044.02	AGM 4	248.24	42.000	0.375	0.375	35000		33	0.124					0.529	0.723	6:12	150	802	577	450	0.260	1.283	801	577							Pitting			
1225	Metal Loss	Int	3043.70	3038.6	24.39	15.27	39.66	820	AGM 3	1044.12	AGM 4	248.14	42.000	0.375	0.375	35000		24	0.091					0.571	0.587	5:46	150	802	578	450	0.260	1.284	802	577							Pitting			
1226	Metal Loss	Int	3045.37	3040.2	26.05	13.60	39.66	820	AGM 3	1045.78	AGM 4	246.48	42.000	0.375	0.375	35000		18	0.069					0.801	1.257	6:06	150	802	577	450	0.260	1.283	801	577							Pitting			
1227	Metal Loss	Int	3046.36	3041.2	27.04	12.61	39.66	820	AGM 3	1046.77	AGM 4	245.49	42.000	0.375	0.375	35000		18	0.069					1.153	1.189	5:54	150	800	576	450	0.260	1.280	799	575							Pitting			
1228	Metal Loss	Int	3047.37	3042.1	28.06	11.60	39.66	820	AGM 3	1047.79	AGM 4	244.47	42.000	0.375	0.375	35000		19	0.071					0.417	0.553	5:41	150	803	578	450	0.260	1.285	803	578							Pitting			
1229	Metal Loss	Int	3048.60	3043.3	29.29	10.36	39.66	820	AGM 3	1049.02	AGM 4	243.24	42.000	0.375	0.375	35000		23	0.087					0.638	0.814	6:10	150	802	577	450	0.260	1.283	802	577							Pitting			
1230	Cluster	Int	3049.11	3043.8	29.80	9.86	39.66	820	AGM 3	1049.52	AGM 4	242.74	42.000	0.375	0.375	35000		22	0.083					1.451	1.683	6:13	150	796	573	450	0.262	1.274	799	575						CLS C				
1231	Metal Loss	Int	3049.33	3044.0	30.01	9.64	39.66	820	AGM 3	1049.74	AGM 4	242.52	42.000	0.375	0.375	35000		16	0.060					0.399	0.603	6:08	150	803	578	450	0.260	1.285	803	578							Pitting			
1232	Metal Loss	Int	3050.69	3045.4	31.37	8.28	39.66	820	AGM 3	1051.10	AGM 4	241.16	42.000	0.375	0.375	35000		54	0.203					1.216	0.966	5:56	150	785	565	450	0.265	1.256	778	560							Pitting			
1233	Metal Loss	Int	3051.82	3046.5	32.51	7.15	39.66	820	AGM 3	1052.24	AGM 4	240.02	42.000	0.375	0.375	35000		17	0.064					0.384	0.543	5:56	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1234	Metal Loss	Int	3052.18	3046.8	32.87	6.79	39.66	820	AGM 3	1052.60	AGM 4	239.66	42.000	0.375	0.375	35000		38	0.144					1.173	1.614	5:46	150	793	571	450	0.263	1.269	791	570							Pitting			
1235	Metal Loss	Int	3052.83	3047.4	33.51	6.14	39.66	820	AGM 3	1053.24	AGM 4	239.02	42.000	0.375	0.375	35000		19	0.073					0.531	0.541	5:54	150	803	578	450	0.260	1.284	802	577							Pitting			
1236	Metal Loss	Int	3052.98	3047.6	33.67	5.99	39.66	820	AGM 3	1053.40	AGM 4	238.86	42.000	0.375	0.375	35000		18	0.067					0.513	0.727	5:49	150	803	578	450	0.260	1.285	803	578							Pitting			
1237	Metal Loss	Int	3053.93	3048.5	34.61	5.04	39.66	820	AGM 3	1054.34	AGM 4	237.92	42.000	0.375	0.375	35000		21	0.080					0.484	0.569	5:45	150	803	578	450	0.260	1.284	803	578							Pitting			
1238	Metal Loss	Int	3054.06	3048.6	34.75	4.90	39.66	820	AGM 3	1054.48	AGM 4	237.78	42.000	0.375	0.375	35000		20	0.073					0.370	0.555	5:56	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1239	Metal Loss	Int	3054.20	3048.8	34.89	4.77	39.66	820	AGM 3	1054.62	AGM 4	237.64	42.000	0.375	0.375	35000		17	0.062					0.352	0.538	6:21	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1240	Metal Loss	Int	3054.40	3048.9	35.08	4.57	39.66	820	AGM 3	1054.81	AGM 4	237.45	42.000	0.375	0.375	35000		24	0.091					0.584	0.534	5:54	150	802	578	450	0.260	1.283	802	577							Pitting			
1241	Metal Loss	Int	3054.71	3049.2	35.39	4.26	39.66	820	AGM 3	1055.12	AGM 4	237.14	42.000	0.375	0.375	35000		18	0.066					0.395	0.556	5:52	150	803	578	450	0.260	1.285	803	578							Pitting			
1242	Metal Loss	Int	3055.34	3049.9	36.02	3.63	39.66	820	AGM 3	1055.75	AGM 4	236.51	42.000	0.375	0.375	35000		19	0.070					0.318	0.550	5:21	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1243	Metal Loss	Int	3055.34	3049.9	36.03	3.63	39.66	820	AGM 3	1055.76	AGM 4	236.51	42.000	0.375	0.375	35000		21	0.080					0.520	0.628	5:44	150	803	578	450	0.260	1.284	802	577							Pitting			
1244	Metal Loss	Int	3055.72	3050.2	36.40	3.25	39.66	820	AGM 3	1056.13	AGM 4	236.13	42.000	0.375	0.375	35000		18	0.069					0.616	0.791	6:08	150	802	577	450	0.260	1.284	802	577							Pitting			
1245	Cluster	Int	3056.13	3050.6	36.82	2.84	39.66	820	AGM 3	1056.54	AGM 4	235.72	42.000	0.375	0.375	35000		21	0.077					1.718	1.863	5:57	150	794	572	450	0.262	1.271	797	574						CLS C				
1246	Metal Loss	Int	3056.62	3051.1	37.30	2.35	39.66	820	AGM 3	1057.03	AGM 4	235.23	42.000	0.375	0.375	35000		22	0.084					0.447	0.637	5:35	150	803	578	450	0.260	1.285	803	578							Pitting			
1247	Metal Loss	Int	3056.77	3051.2	37.46	2.20	39.66	820	AGM 3	1057.19	AGM 4	235.07	42.000	0.375	0.375	35000		16	0.060					0.399	0.554	5:43	150	803	578	450	0.260	1.285	803	578							Pitting			
1248	Metal Loss	Int	3057.07	3051.5	37.75	1.90	39.66	820	AGM 3	1057.48	AGM 4	234.78	42.000	0.375	0.375	35000		17	0.065					0.684	0.653	5:39	150	802	578	450	0.260	1.284	802	577							Pitting			
1249	Metal Loss	Int	3057.30	3051.8	37.99	1.66	39.66	820	AGM 3	1057.72	AGM 4	234.54	42.000	0.375	0.375	35000		30	0.113					0.643	0.559	5:23	150	801	577	450	0.260	1.282	801	577							Pitting			
1250	Metal Loss	Int	3057.58	3052.0	38.26	1.39	39.66	820	AGM 3	1057.99	AGM 4	234.27	42.000	0.375	0.375	35000		23	0.085					1.025	0.838	6:00	150	800	576	450	0.260	1.280	799	575							Pitting			
1251	Metal Loss	Int	3058.80	3053.2	39.49	0.17	39.66	820	AGM 3	1059.22	AGM 4	233.05	42.000	0.375	0.375	35000		17	0.065					0.459	0.576	5:46	150	803	578	450	0.260	1.285	803	578						Near GWD	Pitting			
1252	Cluster	Int	3058.82	3053.2	39.50	0.15	39.66	820	AGM 3	1059.23	AGM 4	233.03	42.000	0.375	0.375	35000		29	0.109					1.287	2.740	6:09	150	795	573	450	0.262	1.273	797	574						CLS C I Near GWD				
1253	Girth Weld		3058.97	3053.4	39.66	39.89	39.89	830	AGM 3	1059.38	AGM 4	232.88	42.000	0.375	0.375	35000											150																	
1254	Cluster	Int	3059.03	3053.4	0.06	39.83	39.89	830	AGM 3	1059.44	AGM 4	232.82	42.000	0.375	0.375	35000		57	0.215					1.927	6.800	6:15	150	756	544	450	0.276	1.209	751	541	3	f.3				CLS C I On GWD				
1255	Metal Loss	Int	3060.09	3054.5	1.12	38.77	39.89	830	AGM 3	1060.51	AGM 4	231.75	42.000	0.375	0.375	35000		25	0.092					0.763	0.643	6:00	150	801	577	450	0.260	1.282	801	577							Pitting			
1256	Metal Loss	Int	3060.33	3054.7	1.36	38.53	39.89	830	AGM 3	1060.74	AGM 4	231.52	42.000	0.375	0.375	35000		28	0.104					0.813	0.849	5:33	150	800	576	450	0.260	1.281	800	576							Pitting			
1257	Metal Loss	Int	3060.78	3055.1	1.81	38.08	39.89	830	AGM 3	1061.19	AGM 4	231.07	42.000	0.375	0.375	35000		47	0.175					1.086	1.601	6:16	150	792	570	450	0.263	1.267	788	567							Pitting			
1258	Metal Loss	Int	3061.34	3055.7	2.37	37.52	39.89	830	AGM 3	1061.75	AGM 4	230.51	42.000	0.375	0.375	35000		18	0.067					0.713	0.689	5:38	150	802	578	450	0.260	1.283	802	577							Pitting			
1259	Metal Loss	Int	3061.39	3055.7	2.42	37.47	39.89	830	AGM 3	1061.80	AGM 4	230.46	42.000	0.375	0.375	35000		21	0.078					0.808	0.739	6:00	150	801	577	450	0.260	1.282	801	577							Pitting			
1260	Cluster	Int	3062.08	3056.4	3.11	36.78	39.89	830	AGM 3	1062.49	AGM 4	229.77	42.000	0.375	0.375	35000		28	0.104					1.237	3.366	5:54	150	796	573	450	0.262	1.274	795	572						CLS C				
1261	Metal Loss	Int	3062.47	3056.8	3.50	36.39	39.89	830	AGM 3	1062.88	AGM 4	229.38	42.000	0.375	0.375	35000		30	0.111					0.789	0.661	6:58	150	800	576	450	0.260	1.280	799	575							Pitting			
1262	Metal Loss	Int	3062.81	3057.1	3.84	36.05	39.89	830	AGM 3	1063.23	AGM 4	229.03	42.000	0.375	0.375	35000		19	0.071					0.640	0.618	5:59	150	802	578	450	0.260	1.284	802	577							Pitting			
1263	Metal Loss	Int	3063.46	3057.7	4.49	35.40	39.89	830	AGM 3	1063.87	AGM 4	228.39	42.000	0.375	0.375	35000		43	0.161					1.011	1.383	6:01	150	795	572	450	0.262	1.271	792	570							Pitting			
1264	Metal Loss	Int	3064.08	3058.3	5.11	34.77	39.89	830	AGM 3	1064.50	AGM 4	227.76	42.000	0.375	0.375	35000		29	0.109					0.630	0.590	6:03	150	802	577	450	0.260	1.282	801	577							Pitting			
1265	Metal Loss	Int	3066.11	3060.3	7.14	32.75	39.89	830	AGM 3	1066.52	AGM 4	225.74	42.000	0.375	0.375	35000		29	0.108					0.713	0.736	6:07	150	801	577	450	0.260	1.282	800	576							Pitting			
1266	Metal Loss	Int	3066.56	3060.7	7.59	32.30	39.89	830	AGM 3	1066.97	AGM 4	225.29	42.000	0.375	0.375	35000		24	0.090					0.923	0.718	6:01	150	800	576	450	0.260	1.280	799	575							Pitting			
1267	Metal Loss	Int	3067.36	3061.5	8.39	31.50	39.89	830	AGM 3	1067.78	AGM 4	224.48	42.000	0.375	0.375	35000		33	0.124					0.483	0.545	6:08	150	802	578	450	0.260	1.283	802	577							Pitting			

Feature Number (sequential order)	Pipeline Feature	INT/ EXT (ID/OD)	Odometer (feet)	Station Number (feet)	Distance to U/S weld (feet)	Distance to D/S weld (feet)	Joint Length (feet)	Defect Joint Number	Upstream (U/S) Reference Name	Upstream (U/S) Reference Distance from: (feet)	Downstream (D/S) Reference Name	Downstream (D/S) Reference Distance to: (feet)	Diameter (inch)	Nominal Wall Thickness (inch)	Measured Wall Thickness (inch)	Pipe Grade (SMYS) (psi)	Long Seam Orientation	Metal Loss Depth (%)	Metal Loss Depth (inch)	Deformation Depth (%)	Deformation Depth (inch)	Crack Depth (%)	Crack Depth (inch)	Length (inch)	Width (inch)	Orientation (O'clock)	MOP (psi)	Modified B31.G P_{BURST} (psi)	Modified B31.G P_{SAFE} (psi)	Design Pressure (72% SMYS) (psi)	FRF MOP / P_{SAFE}	RPR P_{BURST} / 100% SMYS	Effective Area P_{BURST} (psi)	Effective Area P_{SAFE} (psi)	Group Number	Group Category	NAD 83 Latitude	NAD 83 Longitude	NAVD 88 Elevation (feet)	Comments	POF classification	Excavation/ Repair Required (Target/Yes/AGM)	SPLC Notes	Tool Type/ Technology
1268	Metal Loss	Int	3068.00	3062.1	9.03	30.85	39.89	830	AGM 3	1068.42	AGM 4	223.84	42.000	0.375	0.375	35000		21	0.078					0.749	0.689	6:00	150	802	577	450	0.260	1.283	801	577							Pitting			
1269	Metal Loss	Int	3068.18	3062.3	9.21	30.68	39.89	830	AGM 3	1068.59	AGM 4	223.67	42.000	0.375	0.375	35000		18	0.069					0.479	0.576	6:01	150	803	578	450	0.260	1.285	803	578							Pitting			
1270	Metal Loss	Int	3068.48	3062.6	9.51	30.38	39.89	830	AGM 3	1068.90	AGM 4	223.36	42.000	0.375	0.375	35000		27	0.100					1.010	1.569	6:04	150	799	575	450	0.261	1.278	798	575							Pitting			
1271	Metal Loss	Int	3070.32	3064.4	11.35	28.54	39.89	830	AGM 3	1070.73	AGM 4	221.53	42.000	0.375	0.375	35000		35	0.133					1.096	1.016	6:28	150	796	573	450	0.262	1.273	794	572							Pitting			
1272	Cluster	Int	3071.15	3065.2	12.18	27.71	39.89	830	AGM 3	1071.56	AGM 4	220.70	42.000	0.375	0.375	35000		42	0.156					1.545	3.146	6:06	150	784	565	450	0.265	1.255	789	568						CLS C				
1273	Metal Loss	Int	3072.29	3066.3	13.32	26.57	39.89	830	AGM 3	1072.70	AGM 4	219.56	42.000	0.375	0.375	35000		36	0.137					1.134	1.003	6:00	150	795	572	450	0.262	1.272	792	570							Pitting			
1274	Metal Loss	Int	3074.21	3068.1	15.24	24.65	39.89	830	AGM 3	1074.63	AGM 4	217.63	42.000	0.375	0.375	35000		22	0.084					1.019	0.901	6:44	150	800	576	450	0.260	1.280	799	575							Pitting			
1275	Metal Loss	Int	3074.72	3068.6	15.75	24.14	39.89	830	AGM 3	1075.13	AGM 4	217.13	42.000	0.375	0.375	35000		28	0.107					0.735	0.884	5:24	150	801	577	450	0.260	1.281	800	576							Pitting			
1276	Metal Loss	Int	3075.22	3069.1	16.25	23.64	39.89	830	AGM 3	1075.63	AGM 4	216.63	42.000	0.375	0.375	35000		16	0.061					0.642	0.674	5:51	150	803	578	450	0.260	1.284	802	577							Pitting			
1277	Metal Loss	Int	3075.34	3069.2	16.38	23.51	39.89	830	AGM 3	1075.76	AGM 4	216.50	42.000	0.375	0.375	35000		24	0.091					0.635	0.778	6:48	150	802	577	450	0.260	1.283	802	577							Pitting			
1278	Metal Loss	Int	3076.01	3069.9	17.04	22.85	39.89	830	AGM 3	1076.43	AGM 4	215.83	42.000	0.375	0.375	35000		27	0.101					0.871	0.764	6:15	150	800	576	450	0.260	1.280	799	575							Pitting			
1279	Metal Loss	Int	3076.54	3070.4	17.57	22.32	39.89	830	AGM 3	1076.95	AGM 4	215.31	42.000	0.375	0.375	35000		19	0.070					0.551	0.539	5:44	150	803	578	450	0.260	1.284	802	577							Pitting			
1280	Metal Loss	Int	3076.88	3070.7	17.91	21.98	39.89	830	AGM 3	1077.29	AGM 4	214.97	42.000	0.375	0.375	35000		19	0.072					0.550	0.583	5:24	150	803	578	450	0.260	1.284	802	577							Pitting			
1281	Metal Loss	Int	3077.31	3071.1	18.34	21.55	39.89	830	AGM 3	1077.73	AGM 4	214.53	42.000	0.375	0.375	35000		63	0.235					1.486	1.799	6:07	150	768	553	450	0.271	1.228	752	541							General Metal-loss			
1282	Metal Loss	Int	3077.34	3071.2	18.37	21.52	39.89	830	AGM 3	1077.75	AGM 4	214.51	42.000	0.375	0.375	35000		46	0.173					0.864	0.816	5:44	150	796	573	450	0.262	1.274	794	572							Pitting			
1283	Metal Loss	Int	3077.64	3071.5	18.67	21.22	39.89	830	AGM 3	1078.05	AGM 4	214.21	42.000	0.375	0.375	35000		33	0.122					1.084	0.800	6:05	150	797	574	450	0.261	1.275	795	572							Pitting			
1284	Metal Loss	Int	3078.08	3071.9	19.11	20.78	39.89	830	AGM 3	1078.49	AGM 4	213.77	42.000	0.375	0.375	35000		17	0.063					1.003	1.346	5:54	150	801	577	450	0.260	1.282	800	576							Pitting			
1285	Metal Loss	Int	3078.63	3072.4	19.67	20.22	39.89	830	AGM 3	1079.05	AGM 4	213.21	42.000	0.375	0.375	35000		50	0.189					0.835	0.974	5:44	150	795	573	450	0.262	1.273	793	571							Pitting			
1286	Metal Loss	Int	3078.79	3072.6	19.82	20.07	39.89	830	AGM 3	1079.20	AGM 4	213.06	42.000	0.375	0.375	35000		16	0.059					0.800	0.756	6:04	150	802	577	450	0.260	1.283	802	577							Pitting			
1287	Metal Loss	Int	3078.81	3072.6	19.84	20.05	39.89	830	AGM 3	1079.23	AGM 4	213.04	42.000	0.375	0.375	35000		23	0.087					0.691	1.055	5:31	150	802	577	450	0.260	1.283	801	577							Pitting			
1288	Metal Loss	Int	3079.30	3073.1	20.33	19.56	39.89	830	AGM 3	1079.71	AGM 4	212.55	42.000	0.375	0.375	35000		16	0.059					0.510	0.745	5:33	150	803	578	450	0.260	1.285	803	578							Pitting			
1289	Metal Loss	Int	3079.86	3073.6	20.89	19.00	39.89	830	AGM 3	1080.27	AGM 4	211.99	42.000	0.375	0.375	35000		23	0.086					0.943	1.262	6:05	150	800	576	450	0.260	1.280	799	575							Pitting			
1290	Metal Loss	Int	3080.06	3073.8	21.09	18.80	39.89	830	AGM 3	1080.47	AGM 4	211.79	42.000	0.375	0.375	35000		17	0.064					0.641	0.615	6:12	150	802	578	450	0.260	1.284	802	577							Pitting			
1291	Metal Loss	Int	3080.45	3074.2	21.48	18.41	39.89	830	AGM 3	1080.86	AGM 4	211.40	42.000	0.375	0.375	35000		28	0.105					1.082	1.329	6:07	150	798	575	450	0.261	1.277	797	574							Pitting			
1292	Metal Loss	Int	3080.56	3074.3	21.59	18.30	39.89	830	AGM 3	1080.97	AGM 4	211.29	42.000	0.375	0.375	35000		38	0.142					1.060	0.923	5:27	150	795	573	450	0.262	1.273	793	571							Pitting			
1293	Metal Loss	Int	3080.83	3074.6	21.86	18.02	39.89	830	AGM 3	1081.25	AGM 4	211.01	42.000	0.375	0.375	35000		33	0.122					1.124	1.322	6:03	150	796	573	450	0.262	1.274	794	572							Pitting			
1294	Metal Loss	Int	3081.26	3075.0	22.29	17.60	39.89	830	AGM 3	1081.68	AGM 4	210.58	42.000	0.375	0.375	35000		21	0.078					1.201	1.344	6:29	150	799	575	450	0.261	1.278	798	575							General Metal-loss			
1295	Metal Loss	Int	3082.13	3075.8	23.16	16.73	39.89	830	AGM 3	1082.54	AGM 4	209.72	42.000	0.375	0.375	35000		21	0.078					0.770	0.708	5:27	150	802	577	450	0.260	1.283	801	577							Pitting			
1296	Metal Loss	Int	3082.45	3076.1	23.48	16.41	39.89	830	AGM 3	1082.86	AGM 4	209.40	42.000	0.375	0.375	35000		23	0.087					0.691	0.599	6:03	150	802	577	450	0.260	1.283	801	577							Pitting			
1297	Metal Loss	Int	3082.69	3076.4	23.72	16.17	39.89	830	AGM 3	1083.11	AGM 4	209.16	42.000	0.375	0.375	35000		29	0.109					0.859	1.176	5:37	150	800	576	450	0.260	1.280	799	575							Pitting			
1298	Metal Loss	Int	3083.39	3077.0	24.42	15.47	39.89	830	AGM 3	1083.80	AGM 4	208.46	42.000	0.375	0.375	35000		26	0.097					1.348	1.193	6:03	150	796	573	450	0.262	1.273	794	572							General Metal-loss			
1299	Metal Loss	Int	3084.13	3077.8	25.16	14.73	39.89	830	AGM 3	1084.55	AGM 4	207.71	42.000	0.375	0.375	35000		63	0.238					1.514	1.223	5:52	150	765	551	450	0.272	1.224	748	539							General Metal-loss			
1300	Metal Loss	Int	3084.48	3078.1	25.51	14.37	39.89	830	AGM 3	1084.90	AGM 4	207.36	42.000	0.375	0.375	35000		21	0.078					1.079	1.449	5:59	150	800	576	450	0.260	1.280	799	575							Pitting			
1301	Metal Loss	Int	3084.99	3078.6	26.02	13.87	39.89	830	AGM 3	1085.40	AGM 4	206.86	42.000	0.375	0.375	35000		44	0.163					1.072	0.864	6:08	150	793	571	450	0.263	1.269	790	569							Pitting			
1302	Metal Loss	Int	3085.88	3079.5	26.91	12.98	39.89	830	AGM 3	1086.29	AGM 4	205.97	42.000	0.375	0.375	35000		26	0.098					0.865	0.841	5:31	150	800	576	450	0.260	1.280	799	575							Pitting			
1303	Metal Loss	Int	3086.25	3079.8	27.28	12.61	39.89	830	AGM 3	1086.66	AGM 4	205.60	42.000	0.375	0.375	35000		18	0.066					0.851	0.610	5:57	150	802	577	450	0.260	1.283	801	577							Pitting			
1304	Metal Loss	Int	3087.20	3080.7	28.23	11.66	39.89	830	AGM 3	1087.61	AGM 4	204.65	42.000	0.375	0.375	35000		27	0.101					0.742	0.734	6:18	150	801	577	450	0.260	1.282	800	576							Pitting			
1305	Cluster	Int	3087.37	3080.9	28.40	11.49	39.89	830	AGM 3	1087.78	AGM 4	204.48	42.000	0.375	0.375	35000		27	0.103					2.586	2.775	5:29	150	777	560	450	0.268	1.244	788	567						CLS C				
1306	Metal Loss	Int	3088.27	3081.8	29.30	10.59	39.89	830	AGM 3	1088.68	AGM 4	203.58	42.000	0.375	0.375	35000		26	0.098					0.598	0.615	5:53	150	802	577	450	0.260	1.283	802	577							Pitting			
1307	Metal Loss	Int	3088.50	3082.0	29.53	10.35	39.89	830	AGM 3	1088.92	AGM 4	203.34	42.000	0.375	0.375	35000		17	0.063					0.470	0.577	6:00	150	803	578	450	0.260	1.285	803	578							Pitting			
1308	Metal Loss	Int	3089.88	3083.3	30.91	8.98	39.89	830	AGM 3	1090.30	AGM 4	201.96	42.000	0.375	0.375	35000		20	0.076					1.178	1.380	5:56	150	799	575	450	0.261	1.279	798	575							Pitting			
1309	Metal Loss	Int	3090.18	3083.6	31.21	8.68	39.89	830	AGM 3	1090.59	AGM 4	201.67	42.000	0.375	0.375	35000		27	0.103					0.749	0.650	6:12	150	801	577	450	0.260	1.281	800	576							Pitting			
1310	Metal Loss	Int	3090.49	3083.9	31.52	8.37	39.89	830	AGM 3	1090.90	AGM 4	201.36	42.000	0.375	0.375	35000		17	0.062					0.894	1.148	6:09	150	802	577	450	0.260	1.282	801	577							Pitting			
1311	Metal Loss	Int	3092.61	3086.0	33.64	6.25	39.89	830	AGM 3	1093.02	AGM 4	199.24	42.000	0.375	0.375	35000		26	0.097					1.033	0.775	6:00	150	799	575	450	0.261	1.278	798	575							Pitting			
1312	Metal Loss	Int	3093.38	3086.7	34.41	5.48	39.89	830	AGM 3	1093.79	AGM 4	198.47	42.000	0.375	0.375	35000		41	0.153					1.821	2.514	5:55	150	779	561	450	0.267	1.246	772	556							General Metal-loss			
1313	Metal Loss	Int	3094.60	3087.9	35.63	4.26	39.89	830	AGM 3	1095.01	AGM 4	197.25	42.000	0.375	0.375	35000		58	0.216					1.930	2.723	6:01	150	755	544	450	0.276	1.208	737	531							General Metal-loss			
1314	Metal Loss	Int	3096.00	3089.3	37.03	2.86	39.89	830	AGM 3	1096.41	AGM 4	195.85	42.000	0.375	0.375	35000		37	0.139					0.996	0.895	5:50	150	797	574	450	0.261	1.274	795	572							Pitting			
1315	Metal Loss	Int	3097.54	3090.7	38.57	1.32	39.89	830	AGM 3	1097.95	AGM 4	194.31	42.000	0.375	0.375	35000		41	0.152					1.125	0.914	6:05	150	793	571	450	0.263	1.269	790	569							Pitting			
1316	Metal Loss	Int	3098.81	3092.0	39.84	0.05	39.89	830	AGM 3	1099.22	AGM 4	193.04	42.000	0.375	0.375	35000		25	0.092					0.670	3.920	5:36	150	802	577	450	0.260	1.283	801	577						On GWD	Circumferential Grooving			
1317	Girth Weld		3098.86	3092.0	39.89	40.49	40.49	840	AGM 3	1099.27	AGM 4	192.99	42.000	0.375	0.375	35000											150																	
1318	Metal Loss	Int	3099.28	3092.4	0.42	40.07	40.49	840	AGM 3	1099.69	AGM 4	192.57	42.000	0.375	0.375	35000		26	0.096					0.442	0.552	6:17	150	803	578	450	0.260	1.284	802	577							Pitting			
1319	Metal Loss	Int	3099.43	3092.6	0.57	39.92	40.49	840	AGM 3	1099.85	AGM 4	192.41	42.000	0.375	0.375	35000		21	0.078					0.445	0.808	6:02	150	803	578	450	0.260	1.285	803	578							Pitting			
1320	Metal Loss	Int	3100.36	3093.5	1.50	38.99	40.49	840	AGM 3	1100.77	AGM 4	191.49	42.000	0.375	0.375	35000		33	0.124					0.613	0.600	6:16	150	801	577	450	0.260	1.282	801	577							Pitting			
1321	Metal Loss	Int	3101.55	3094.6	2.69	37.80	40.49	840	AGM 3	1101.96	AGM 4	190.30	42.000	0.375	0.375	35000		31	0.116					0.900	0.960	5:22	150	799	575	450	0.261	1.279	798	575							Pitting			
1322	Metal Loss	Int	3101.60	3094.7	2.74	37.75	40.49	840	AGM 3	1102.01	AGM 4	190.25	42.000	0.375	0.375	35000		15	0.057					0.975	1.098	6:00	150	801	577	450	0.260	1.282	801	577							Pitting			
1323	Metal Loss	Int	3102.15	3095.2	3.29	37.20	40.49	840	AGM 3	1102.56	AGM 4	189.70	42.000	0.375	0.375	35000		16	0.061					0.315	0.521	5:45	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1324	Metal Loss	Int	3102.19	3095.3	3.33	37.16	40.49	840	AGM 3	1102.61	AGM 4	189.66	42.000	0.375	0.375	35000		20	0.074					0.337	0.529	5:27	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1325	Metal Loss	Int	3102.50	3095.6	3.64	36.85	40.49	840	AGM 3	1102.91	AGM 4	189.35	42.000	0.375	0.375	35000		23	0.085					0.920	1.587	5:50	150	800	576	450	0.260	1.281	800	576							Pitting			
1326	Metal Loss	Int	3104.35	3097.3	5.49	35.00	40.49	840	AGM 3	1104.76	AGM 4	187.50	42.000	0.375	0.375	35000		18	0.068					0.348	0.553	5:54	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1327	Metal Loss	Int	3104.91	3097.9	6.05	34.44	40.49	840	AGM 3	1105.32	AGM 4	186.94	42.000	0.375	0.375	35000		26	0.098					0.637	0.905	5:24	150	802	577	450	0.260	1.283	801	577							Pitting			
1328	Metal Loss	Int	3104.93	3097.9	6.07	34.42	40.49	840	AGM 3	1105.34	AGM 4	186.92	42.000	0.375	0.375	35000		24	0.091					0.345	0.528	5:59	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1329	Cluster	Int	3105.19	3098.2	6.33	34.16	40.49	840	AGM 3	1105.61	AGM 4	186.65	42.000	0.375	0.375	35000		23	0.085					0.987	1.265	6:02	150	800	576	450	0.260	1.280	800	576						CLS C				
1330	Metal Loss	Int	3105.67	3098.6	6.81	33.68	40.49	840	AGM 3	1106.08	AGM 4	186.18	42.000	0.375	0.375	35000		19	0.071					0.315	0.518	5:20	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1331	Metal Loss	Int	3105.95	3098.9	7.09	33.40	40.49	840	AGM 3	1106.36	AGM 4	185.90	42.000	0.375	0.375	35000		28	0.104					0.956	0.931	5:21	150	799	575	450	0.261	1.279	798	575							Pitting			
1332	Metal Loss	Int	3106.17	3099.1	7.31	33.18	40.49	840	AGM 3	1106.58	AGM 4	185.68	42.000	0.375	0.375	35000		21	0.079					0.321	0.524	5:24	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1333	Metal Loss	Int	3106.76	3099.7	7.91	32.58	40.49	840	AGM 3	1107.18	AGM 4	185.08	42.000	0.375	0.375	35000		20	0.076					0.344	0.544	5:23	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1334	Metal Loss	Int	3107.80	3100.7	8.95	31.54	40.49	840	AGM 3	1108.22	AGM 4	184.04	42.000	0.375	0.375	35000		21	0.078					0.756	0.969	5:50	150	802	577	450	0.260	1.283	801	577							Pitting			
1335	Metal Loss	Int	3107.85	3100.7	9.00	31.49	40.49	840	AGM 3	1108.27	AGM 4	183.99	42.000	0.375	0.375	35000		20	0.073					0.315	0.548	5:22	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1336	Metal Loss	Int	3108.47	3101.3	9.61	30.88	40.49	840	AGM 3	1108.89	AGM 4	183.37	42.000	0.375	0.375	35000		23	0.086					0.315	0.516	6:04	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1337	Metal Loss	Int	3108.93	3101.8	10.07	30.42	40.49	840	AGM 3	1109.35	AGM 4	182.92	42.000	0.375	0.375	35000		20	0.076					0.567	0.622	5:20	150	803	578	450	0.260	1.284	802	577							Pitting			
1338	Metal Loss	Int	3109.14	3102.0	10.28	30.21	40.49	840	AGM 3	1109.55	AGM 4	182.71	42.000	0.375	0.375	35000		23	0.084					0.315	0.538	5:22	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1339	Metal Loss	Int	3109.76	3102.6	10.90	29.59	40.49	840	AGM 3	1110.17	AGM 4	182.09	42.000	0.375	0.375	35000		16	0.060					0.329	0.551	5:33	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1340	Metal Loss	Int	3109.90	3102.7	11.04	29.45	40.49	840	AGM 3	1110.31	AGM 4	181.95	42.000	0.375	0.375	35000		18	0.068					0.559	1.042	6:02	150	803	578	450	0.260	1.284	802	577							Pitting			
1341	Metal Loss	Int	3110.05	3102.9	11.19	29.30	40.49	840	AGM 3	1110.46	AGM 4	181.80	42.000	0.375	0.375	35000		15	0.057					0.668	0.880	6:05	150	803	578	450	0.260	1.284	802	577							Pitting			
1342	Metal Loss	Int	3110.22	3103.0	11.37	29.12	40.49	840	AGM 3	1110.64	AGM 4	181.62	42.000	0.375	0.375	35000		18	0.069					0.421	0.563	6:21	150	803	578	450	0.260	1.285	803	578							Pitting			
1343	Metal Loss	Int	3110.45	3103.3	11.60	28.89	40.49	840	AGM 3	1110.87	AGM 4	181.39	42.000	0.375	0.375	35000		24	0.090					0.493	0.740	6:05	150	803	578	450	0.260	1.284	802	577							Pitting			
1344	Metal Loss	Int	3110.91	3103.7	12.06	28.43	40.49	840	AGM 3	1111.33	AGM 4	180.93	42.000	0.375	0.375	35000		28	0.106					0.638	0.604	6:16	150	802	577	450	0.260	1.282	801	577							Pitting			
1345	Metal Loss	Int	3111.45	3104.2	12.60	27.89	40.49	840	AGM 3	1111.87	AGM 4	180.39	42.000	0.375	0.375	35000		21	0.079					0.751	0.737	6:10	150	802	577	450	0.260	1.283	801	577							Pitting			
1346	Metal Loss	Int	3113.33	3106.0	14.47	26.02	40.49	840	AGM 3	1113.75	AGM 4	178.51	42.000	0.375	0.375	35000		18	0.069					0.585	0.609	6:08	150	803	578	450	0.260	1.284	802	577							Pitting			
1347	Metal Loss	Int	3114.37	3107.1	15.51	24.98	40.49	840	AGM 3	1114.79	AGM 4	177.48	42.000	0.375	0.375	35000		15	0.058					0.402	0.560	5:19	150	803	578	450	0.260	1.285	803	578							Pitting			
1348	Metal Loss	Int	3116.52	3109.1	17.66	22.83	40.49	840	AGM 3	1116.93	AGM 4	175.33	42.000	0.375	0.375	35000		16	0.058					0.315	0.528	5:59	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1349	Metal Loss	Int	3116.91	3109.5	18.05	22.44	40.49	840	AGM 3	1117.32	AGM 4	174.94	42.000	0.375	0.375	35000		42	0.158					0.914	0.784	5:23	150	796	573	450	0.262	1.274	794	572							Pitting			
1350	Metal Loss	Int	3116.96	3109.6	18.10	22.39	40.49	840	AGM 3	1117.37	AGM 4	174.89	42.000	0.375	0.375	35000		23	0.084					0.385	0.551	6:45	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1351	Metal Loss	Int	3117.84	3110.4	18.98	21.51	40.49	840	AGM 3	1118.25	AGM 4	174.01	42.000	0.375	0.375	35000		16	0.062					0.648	0.774	6:19	150	802	578	450	0.260	1.284	802	577							Pitting			
1352	Metal Loss	Int	3117.84	3110.4	18.98	21.51	40.49	840	AGM 3	1118.26	AGM 4	174.00	42.000	0.375	0.375	35000		23	0.087					0.653	0.617	5:30	150	802	577	450	0.260	1.283	802	577							Pitting			
1353	Metal Loss	Int	3118.45	3111.0	19.59	20.90	40.49	840	AGM 3	1118.86	AGM 4	173.40	42.000	0.375	0.375	35000		22	0.084					0.405	0.547	5:23	150	803	578	450	0.260	1.285	803	578							Pitting			
1354	Metal Loss	Int	3118.91	3111.5	20.05	20.44	40.49	840	AGM 3	1119.32	AGM 4	172.94	42.000	0.375	0.375	35000		22	0.084					0.323	0.558	5:58	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1355	Metal Loss	Int	3118.99	3111.5	20.13	20.36	40.49	840	AGM 3	1119.40	AGM 4	172.86	42.000	0.375	0.375	35000		25	0.095					0.586	0.585	5:21	150	802	577	450	0.260	1.283	802	577							Pitting			
1356	Cluster	Int	3120.46	3113.0	21.60	18.89	40.49	840	AGM 3	1120.88	AGM 4	171.39	42.000	0.375	0.375	35000		31	0.117					1.489	2.503	6:02	150	792	570	450	0.263	1.267	796	573						CLS C				
1357	Metal Loss	Int	3122.46	3114.9	23.61	16.88	40.49	840	AGM 3	1122.88	AGM 4	169.38	42.000	0.375	0.375	35000		27	0.100					0.562	0.599	5:20	150	802	578	450	0.260	1.283	802	577							Pitting			
1358	Metal Loss	Int	3123.56	3116.0	24.70	15.79	40.49	840	AGM 3	1123.98	AGM 4	168.28	42.000	0.375	0.375	35000		29	0.108					0.379	0.606	5:59	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1359	Metal Loss	Int	3125.08	3117.4	26.22	14.27	40.49	840	AGM 3	1125.50	AGM 4	166.77	42.000	0.375	0.375	35000		29	0.108					0.403	0.540	5:57	150	803	578	450	0.260	1.284	803	578							Pitting			
1360	Metal Loss	Int	3125.87	3118.2	27.01	13.48	40.49	840	AGM 3	1126.29	AGM 4	165.97	42.000	0.375	0.375	35000		17	0.066					0.506	0.750	5:51	150	803	578	450	0.260	1.285	803	578							Pitting			
1361	Metal Loss	Int	3126.00	3118.3	27.14	13.35	40.49	840	AGM 3	1126.41	AGM 4	165.85	42.000	0.375	0.375	35000		24	0.090					0.457	0.776	5:54	150	803	578	450	0.260	1.284	803	578							Pitting			
1362	Metal Loss	Int	3126.32	3118.6	27.46	13.03	40.49	840	AGM 3	1126.73	AGM 4	165.53	42.000	0.375	0.375	35000		22	0.081					0.408	0.554	5:47	150	803	578	450	0.260	1.285	803	578							Pitting			
1363	Metal Loss	Int	3126.65	3119.0	27.79	12.70	40.49	840	AGM 3	1127.07	AGM 4	165.20	42.000	0.375	0.375	35000		42	0.156					0.823	0.702	6:06	150	798	574	450	0.261	1.276	796	573							Pitting			
1364	Metal Loss	Int	3129.63	3121.8	30.77	9.72	40.49	840	AGM 3	1130.05	AGM 4	162.22	42.000	0.375	0.375	35000		30	0.111					0.699	0.864	5:54	150	801	577	450	0.260	1.282	800	576							Pitting			
1365	Metal Loss	Int	3131.46	3123.6	32.60	7.89	40.49	840	AGM 3	1131.87	AGM 4	160.39	42.000	0.375	0.375	35000		29	0.109					0.785	0.962	6:03	150	800	576	450	0.260	1.281	800	576							Pitting			
1366	Cluster	Int	3133.08	3125.2	34.22	6.27	40.49	840	AGM 3	1133.49	AGM 4	158.77	42.000	0.375	0.375	35000		25	0.095					1.460	0.646	6:09	150	795	572	450	0.262	1.272	800	576						CLS C				
1367	Metal Loss	Int	3135.22	3127.2	36.36	4.13	40.49	840	AGM 3	1135.63	AGM 4	156.63	42.000	0.375	0.375	35000		25	0.096					0.334	0.525	6:44	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1368	Metal Loss	Int	3135.53	3127.6	36.68	3.81	40.49	840	AGM 3	1135.95	AGM 4	156.31	42.000	0.375	0.375	35000		23	0.085					0.619	0.640	5:54	150	802	578	450	0.260	1.283	802	577							Pitting			
1369	Metal Loss	Int	3135.83	3127.8	36.97	3.52	40.49	840	AGM 3	1136.24	AGM 4	156.02	42.000	0.375	0.375	35000		25	0.092					1.366	0.912	5:55	150	796	573	450	0.262	1.274	794	572							Pitting			
1370	Metal Loss	Int	3137.52	3129.5	38.66	1.83	40.49	840	AGM 3	1137.94	AGM 4	154.33	42.000	0.375	0.375	35000		29	0.109					0.856	1.059	6:04	150	800	576	450	0.260	1.280	799	575							Pitting			
1371	Metal Loss	Int	3138.31	3130.2	39.45	1.04	40.49	840	AGM 3	1138.73	AGM 4	153.53	42.000	0.375	0.375	35000		41	0.155					0.315	0.516	6:35	150	803	578	450	0.260	1.284	802	577							Circumferential Slotting			
1372	Girth Weld		3139.35	3131.3	40.49	40.78	40.78	850	AGM 3	1139.76	AGM 4	152.50	42.000	0.375	0.375	35000											150																	
1373	Metal Loss	Int	3140.84	3132.7	1.49	39.29	40.78	850	AGM 3	1141.25	AGM 4	151.01	42.000	0.375	0.375	35000		24	0.091					0.696	0.687	6:14	150	802	577	450	0.260	1.283	801	577							Pitting			
1374	Metal Loss	Int	3152.19	3143.7	12.84	27.94	40.78	850	AGM 3	1152.60	AGM 4	139.66	42.000	0.375	0.375	35000		29	0.109					0.714	0.689	5:54	150	801	577	450	0.260	1.282	800	576							Pitting			
1375	Metal Loss	Int	3152.44	3143.9	13.10	27.68	40.78	850	AGM 3	1152.86	AGM 4	139.40	42.000	0.375	0.375	35000		23	0.087					0.820	1.343	5:58	150	801	577	450	0.260	1.282	800	576							Pitting			
1376	Metal Loss	Int	3153.10	3144.6	13.75	27.03	40.78	850	AGM 3	1153.51	AGM 4	138.75	42.000	0.375	0.375	35000		18	0.069					0.481	0.570	6:19	150	803	578	450	0.260	1.285	803	578							Pitting			
1377	Metal Loss	Int	3154.16	3145.6	14.81	25.96	40.78	850	AGM 3	1154.58	AGM 4	137.68	42.000	0.375	0.375	35000		21	0.079					0.603	0.833	5:58	150	802	578	450	0.260	1.284	802	577							Pitting			
1378	Metal Loss	Int	3158.94	3150.2	19.59	21.19	40.78	850	AGM 3	1159.36	AGM 4	132.91	42.000	0.375	0.375	35000		17	0.065					0.457	0.574	6:05	150	803	578	450	0.260	1.285	803	578							Pitting			
1379	Metal Loss	Int	3161.96	3153.2	22.61	18.17	40.78	850	AGM 3	1162.37	AGM 4	129.89	42.000	0.375	0.375	35000		26	0.097					0.780	1.083	5:56	150	801	577	450	0.260	1.281	800	576							Pitting			
1380	Metal Loss	Int	3166.69	3157.7	27.34	13.44	40.78	850	AGM 3	1167.10	AGM 4	125.16	42.000	0.375	0.375	35000		20	0.073					0.585	0.690	5:51	150	802	578	450	0.260	1.284	802	577							Pitting			
1381	Metal Loss	Int	3166.88	3157.9	27.54	13.24	40.78	850	AGM 3	1167.30	AGM 4	124.96	42.000	0.375	0.375	35000		18	0.067					0.575	0.593	6:07	150	803	578	450	0.260	1.284	802	577							Pitting			
1382	Metal Loss	Int	3171.60	3162.5	32.25	8.52	40.78	850	AGM 3	1172.02	AGM 4	120.24	42.000	0.375	0.375	35000		20	0.076					0.830	1.154	5:59	150	801	577	450	0.260	1.282	801	577							Pitting			
1383	Metal Loss	Int	3173.96	3164.8	34.61	6.17	40.78	850	AGM 3	1174.38	AGM 4	117.89	42.000	0.375	0.375	35000		18	0.066					0.909	1.378	6:02	150	801	577	450	0.260	1.282	801	577							Pitting			
1384	Metal Loss	Int	3178.69	3169.4	39.34	1.44	40.78	850	AGM 3	1179.11	AGM 4	113.16	42.000	0.375	0.375	35000		26	0.097					0.801	0.940	6:04	150	801	577	450	0.260	1.281	800	576							Pitting			
1385	Girth Weld		3180.13	3170.8	40.78	40.60	40.60	860	AGM 3	1180.54	AGM 4	111.72	42.000	0.375	0.375	35000											150																	
1386	Metal Loss	Int	3180.70	3171.3	0.57	40.03	40.60	860	AGM 3	1181.11	AGM 4	111.15	42.000	0.375	0.375	35000		31	0.117					0.445	0.561	6:07	150	802	578	450	0.260	1.284	802	577							Pitting			
1387	Metal Loss	Int	3181.06	3171.7	0.93	39.66	40.60	860	AGM 3	1181.47	AGM 4	110.79	42.000	0.375	0.375	35000		30	0.111					0.938	0.957	5:55	150	799	575	450	0.261	1.278	798	575							Pitting			
1388	Metal Loss	Int	3186.13	3176.6	6.01	34.59	40.60	860	AGM 3	1186.55	AGM 4	105.71	42.000	0.375	0.375	35000		27	0.100					1.156	1.214	5:57	150	798	574	450	0.261	1.276	796	573							Pitting			
1389	Metal Loss	Int	3188.10	3178.5	7.97	32.63	40.60	860	AGM 3	1188.51	AGM 4	103.75	42.000	0.375	0.375	35000		27	0.102					0.789	1.019	5:52	150	801	576	450	0.260	1.281	800	576							Pitting			
1390	Metal Loss	Int	3200.30	3190.3	20.17	20.42	40.60	860	AGM 3	1200.71	AGM 4	91.55	42.000	0.375	0.375	35000		19	0.073					0.521	0.572	6:01	150	803	578	450	0.260	1.284	803	578							Pitting			
1391	Metal Loss	Int	3200.65	3190.6	20.52	20.07	40.60	860	AGM 3	1201.07	AGM 4	91.20	42.000	0.375	0.375	35000		31	0.116					0.827	0.814	6:12	150	800	576	450	0.260	1.280	799	575							Pitting			
1392	Metal Loss	Int	3206.10	3195.9	25.97	14.62	40.60	860	AGM 3	1206.51	AGM 4	85.75	42.000	0.375	0.375	35000		19	0.072					0.610	0.636	6:19	150	802	578	450	0.260	1.284	802	577							Pitting			
1393	Metal Loss	Int	3211.04	3200.7	30.91	9.68	40.60	860	AGM 3	1211.45	AGM 4	80.81	42.000	0.375	0.375	35000		31	0.114					1.035	1.331	5:57	150	798	574	450	0.261	1.276	796	573							Pitting			
1394	Metal Loss	Int	3214.73	3204.3	34.61	5.99	40.60	860	AGM 3	1215.15	AGM 4	77.11	42.000	0.375	0.375	35000		30	0.111					0.886	1.456	6:03	150	799	576	450	0.260	1.279	798	575							Pitting			
1395	Metal Loss	Int	3216.95	3206.4	36.82	3.77	40.60	860	AGM 3	1217.36	AGM 4	74.90	42.000	0.375	0.375	35000		18	0.069					0.816	0.907	5:53	150	802	577	450	0.260	1.283	801	577							Pitting			
1396	Metal Loss	Int	3218.34	3207.8	38.22	2.38	40.60	860	AGM 3	1218.76	AGM 4	73.50	42.000	0.375	0.375	35000		26	0.099					0.625	0.786	6:02	150	802	577	450	0.260	1.283	801	577							Pitting			
1397	Girth Weld		3220.72	3210.1	40.60	40.41	40.41	870	AGM 3	1221.14	AGM 4	71.12	42.000	0.375	0.375	35000											150																	
1398	Metal Loss	Int	3225.53	3214.8	4.81	35.60	40.41	870	AGM 3	1225.95	AGM 4	66.31	42.000	0.375	0.375	35000		16	0.060					0.564	0.615	6:02	150	803	578	450	0.260	1.284	803	578							Pitting			
1399	Metal Loss	Int	3245.91	3234.5	25.18	15.23	40.41	870	AGM 3	1246.32	AGM 4	45.94	42.000	0.375	0.375	35000		27	0.103					0.783	0.803	5:55	150	801	576	450	0.260	1.281	800	576							Pitting			
1400	Girth Weld		3261.14	3249.2	40.41	38.56	38.56	880	AGM 3	1261.55	AGM 4	30.71	42.000	0.375	0.375	35000											150																	
1401	Metal Loss	Int	3263.02	3251.1	1.88	36.67	38.56	880	AGM 3	1263.43	AGM 4	28.83	42.000	0.375	0.375	35000		22	0.084					0.467	0.550	6:08	150	803	578	450	0.260	1.284	803	578							Pitting			
1402	Metal Loss	Int	3266.47	3254.4	5.33	33.22	38.56	880	AGM 3	1266.88	AGM 4	25.38	42.000	0.375	0.375	35000		33	0.125					0.711	0.791	6:02	150	800	576	450	0.260	1.281	800	576							Pitting			
1403	Metal Loss	Int	3269.27	3257.1	8.14	30.42	38.56	880	AGM 3	1269.69	AGM 4	22.57	42.000	0.375	0.375	35000		15	0.057					0.404	0.569	6:04	150	803	578	450	0.260	1.285	803	578							Pitting			
1404	Metal Loss	Int	3273.59	3261.3	12.46	26.10	38.56	880	AGM 3	1274.01	AGM 4	18.25	42.000	0.375	0.375	35000		25	0.095					0.730	0.702	6:10	150	801	577	450	0.260	1.282	801	577							Pitting			
1405	Metal Loss	Int	3285.35	3272.7	24.21	14.35	38.56	880	AGM 3	1285.76	AGM 4	6.50	42.000	0.375	0.375	35000		17	0.062					0.380	0.543	6:11	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1406	Above Ground Marker		3291.85	3279.0	30.71	7.85	38.56	880	AGM 3	1292.26	AGM 5	1140.63	42.000	0.375	0.375	35000											150														AGM # 4 Sta 32+79				
1407	Metal Loss	Int	3292.05	3279.2	30.92	7.64	38.56	880	AGM 4	0.21	AGM 5	1140.42	42.000	0.375	0.375	35000		22	0.082					0.363	0.548	5:59	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1408	Metal Loss	Int	3298.11	3285.4	36.98	1.58	38.56	880	AGM 4	6.27	AGM 5	1134.36	42.000	0.375	0.375	35000		22	0.083					0.653	0.974	5:59	150	802	577	450	0.260	1.283	802	577							Pitting			
1409	Girth Weld		3299.69	3287.0	38.56	40.78	40.78	890	AGM 4	7.85	AGM 5	1132.79	42.000	0.375	0.375	35000											150																	
1410	Metal Loss	Int	3307.46	3294.9	7.77	33.01	40.78	890	AGM 4	15.61	AGM 5	1125.02	42.000	0.375	0.375	35000		28	0.103					0.460	0.689	6:06	150	803	578	450	0.260	1.284	802	577							Pitting			
1411	Metal Loss	Int	3318.16	3305.9	18.47	22.31	40.78	890	AGM 4	26.31	AGM 5	1114.32	42.000	0.375	0.375	35000		17	0.064					0.549	0.635	6:07	150	803	578	450	0.260	1.284	803	578							Pitting			
1412	Girth Weld		3340.47	3328.7	40.78	40.83	40.83	900	AGM 4	48.62	AGM 5	1092.01	42.000	0.375	0.375	35000											150																	
1413	Metal Loss	Int	3349.23	3337.6	8.76	32.07	40.83	900	AGM 4	57.39	AGM 5	1083.24	42.000	0.375	0.375	35000		23	0.084					0.734	0.634	6:04	150	802	577	450	0.260	1.283	801	577							Pitting			
1414	Metal Loss	Int	3357.35	3345.9	16.88	23.96	40.83	900	AGM 4	65.50	AGM 5	1075.13	42.000	0.375	0.375	35000		20	0.073					0.432	0.564	5:59	150	803	578	450	0.260	1.285	803	578							Pitting			
1415	Metal Loss	Int	3359.96	3348.6	19.49	21.34	40.83	900	AGM 4	68.11	AGM 5	1072.52	42.000	0.375	0.375	35000		17	0.064					0.379	0.552	6:03	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1416	Metal Loss	Int	3362.31	3351.0	21.84	18.99	40.83	900	AGM 4	70.47	AGM 5	1070.16	42.000	0.375	0.375	35000		19	0.071					0.833	0.911	6:04	150	801	577	450	0.260	1.282	801	577							Pitting			
1417	Metal Loss	Int	3366.35	3355.1	25.88	14.95	40.83	900	AGM 4	74.51	AGM 5	1066.13	42.000	0.375	0.375	35000		18	0.066					0.315	0.541	6:12	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1418	Metal Loss	Int	3368.73	3357.5	28.26	12.57	40.83	900	AGM 4	76.88	AGM 5	1063.75	42.000	0.375	0.375	35000		18	0.069					0.494	0.607	6:11	150	803	578	450	0.260	1.285	803	578							Pitting			
1419	Metal Loss	Int	3369.87	3358.7	29.40	11.43	40.83	900	AGM 4	78.02	AGM 5	1062.61	42.000	0.375	0.375	35000		19	0.072					0.490	0.678	6:10	150	803	578	450	0.260	1.285	803	578							Pitting			
1420	Metal Loss	Int	3375.64	3364.6	35.17	5.66	40.83	900	AGM 4	83.80	AGM 5	1056.83	42.000	0.375	0.375	35000		25	0.095					0.604	0.779	6:00	150	802	577	450	0.260	1.283	802	577							Pitting			
1421	Metal Loss	Int	3377.14	3366.1	36.67	4.17	40.83	900	AGM 4	85.29	AGM 5	1055.34	42.000	0.375	0.375	35000		16	0.062					0.704	0.727	6:02	150	802	578	450	0.260	1.284	802	577							Pitting			
1422	Girth Weld		3381.30	3370.4	40.83	40.02	40.02	910	AGM 4	89.46	AGM 5	1051.18	42.000	0.375	0.375	35000											150																	
1423	Metal Loss	Int	3382.61	3371.7	1.31	38.71	40.02	910	AGM 4	90.77	AGM 5	1049.86	42.000	0.375	0.375	35000		15	0.057					0.315	0.521	6:00	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1424	Metal Loss	Int	3387.01	3376.2	5.71	34.32	40.02	910	AGM 4	95.16	AGM 5	1045.47	42.000	0.375	0.375	35000		16	0.059					0.350	0.578	6:07	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1425	Metal Loss	Int	3389.43	3378.7	8.12	31.90	40.02	910	AGM 4	97.58	AGM 5	1043.05	42.000	0.375	0.375	35000		29	0.107					0.634	0.632	6:06	150	802	577	450	0.260	1.282	801	577							Pitting			
1426	Metal Loss	Int	3392.25	3381.5	10.95	29.08	40.02	910	AGM 4	100.40	AGM 5	1040.23	42.000	0.375	0.375	35000		22	0.081					0.315	0.508	6:05	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1427	Metal Loss	Int	3394.75	3384.1	13.45	26.57	40.02	910	AGM 4	102.91	AGM 5	1037.73	42.000	0.375	0.375	35000		15	0.057					0.315	0.498	6:11	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1428	Girth Weld		3421.32	3411.2	40.02	40.15	40.15	920	AGM 4	129.48	AGM 5	1011.15	42.000	0.375	0.375	35000											150																	
1429	Metal Loss	Int	3424.37	3414.4	3.05	37.10	40.15	920	AGM 4	132.53	AGM 5	1008.10	42.000	0.375	0.375	35000		23	0.086					0.660	0.745	6:06	150	802	577	450	0.260	1.283	802	577							Pitting			
1430	Metal Loss	Int	3430.34	3420.5	9.01	31.14	40.15	920	AGM 4	138.49	AGM 5	1002.14	42.000	0.375	0.375	35000		30	0.114					0.550	0.665	6:06	150	802	577	450	0.260	1.283	801	577							Pitting			
1431	Metal Loss	Int	3436.60	3426.8	15.28	24.88	40.15	920	AGM 4	144.75	AGM 5	995.88	42.000	0.375	0.375	35000		27	0.102					0.531	0.641	6:06	150	802	578	450	0.260	1.284	802	577							Pitting			
1432	Cluster	Int	3438.08	3428.4	16.76	23.40	40.15	920	AGM 4	146.23	AGM 5	994.40	42.000	0.375	0.375	35000		19	0.071					0.597	1.402	6:05	150	802	578	450	0.260	1.284	802	577						CLS C				
1433	Girth Weld		3461.48	3452.3	40.15	40.04	40.04	930	AGM 4	169.63	AGM 5	971.00	42.000	0.375	0.375	35000											150																	
1434	Metal Loss	Int	3468.86	3459.8	7.39	32.66	40.04	930	AGM 4	177.02	AGM 5	963.62	42.000	0.375	0.375	35000		17	0.064					0.438	0.566	6:03	150	803	578	450	0.260	1.285	803	578							Pitting			
1435	Metal Loss	Int	3481.49	3472.7	20.02	20.03	40.04	930	AGM 4	189.65	AGM 5	950.99	42.000	0.375	0.375	35000		23	0.086					0.487	0.567	5:57	150	803	578	450	0.260	1.284	802	577							Pitting			
1436	Metal Loss	Int	3482.99	3474.2	21.52	18.53	40.04	930	AGM 4	191.15	AGM 5	949.48	42.000	0.375	0.375	35000		20	0.074					0.621	0.604	5:57	150	802	578	450	0.260	1.284	802	577							Pitting			
1437	Metal Loss	Int	3491.22	3482.6	29.74	10.31	40.04	930	AGM 4	199.37	AGM 5	941.26	42.000	0.375	0.375	35000		24	0.091					0.564	0.844	6:02	150	802	578	450	0.260	1.284	802	577							Pitting			
1438	Metal Loss	Int	3493.45	3484.9	31.97	8.08	40.04	930	AGM 4	201.60	AGM 5	939.03	42.000	0.375	0.375	35000		16	0.061					0.396	0.554	6:02	150	803	578	450	0.260	1.285	803	578							Pitting			
1439	Girth Weld		3501.52	3493.2	40.04	40.68	40.68	940	AGM 4	209.67	AGM 5	930.96	42.000	0.375	0.375	35000											150																	
1440	Metal Loss	Int	3509.63	3501.4	8.11	32.57	40.68	940	AGM 4	217.79	AGM 5	922.85	42.000	0.375	0.375	35000		28	0.105					0.637	1.124	6:02	150	802	577	450	0.260	1.283	801	577							Pitting			
1441	Metal Loss	Int	3513.26	3505.1	11.74	28.94	40.68	940	AGM 4	221.41	AGM 5	919.22	42.000	0.375	0.375	35000		21	0.078					0.749	1.008	6:00	150	802	577	450	0.260	1.283	801	577							Pitting			
1442	Metal Loss	Int	3519.47	3511.5	17.95	22.73	40.68	940	AGM 4	227.63	AGM 5	913.01	42.000	0.375	0.375	35000		18	0.067					0.315	0.524	5:42	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1443	Metal Loss	Int	3524.91	3517.0	23.38	17.30	40.68	940	AGM 4	233.06	AGM 5	907.57	42.000	0.375	0.375	35000		24	0.088					0.639	0.797	6:02	150	802	577	450	0.260	1.283	802	577							Pitting			
1444	Metal Loss	Int	3540.62	3533.1	39.10	1.58	40.68	940	AGM 4	248.77	AGM 5	891.86	42.000	0.375	0.375	35000		29	0.108					0.730	0.720	6:01	150	801	577	450	0.260	1.281	800	576							Pitting			
1445	Girth Weld		3542.21	3534.7	40.68	40.72	40.72	950	AGM 4	250.36	AGM 5	890.27	42.000	0.375	0.375	35000											150																	
1446	Metal Loss	Int	3542.79	3535.3	0.59	40.14	40.72	950	AGM 4	250.95	AGM 5	889.68	42.000	0.375	0.375	35000		16	0.061					0.694	0.854	5:48	150	802	578	450	0.260	1.284	802	577							Pitting			
1447	Metal Loss	Int	3544.18	3536.7	1.98	38.75	40.72	950	AGM 4	252.34	AGM 5	888.29	42.000	0.375	0.375	35000		31	0.117					0.666	0.717	5:44	150	801	577	450	0.260	1.282	800	576							Pitting			
1448	Metal Loss	Int	3544.84	3537.4	2.64	38.09	40.72	950	AGM 4	252.99	AGM 5	887.64	42.000	0.375	0.375	35000		16	0.058					0.367	0.587	5:43	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1449	Metal Loss	Int	3551.44	3544.1	9.23	31.49	40.72	950	AGM 4	259.59	AGM 5	881.04	42.000	0.375	0.375	35000		30	0.113					0.777	0.719	6:02	150	800	576	450	0.260	1.281	800	576							Pitting			
1450	Metal Loss	Int	3551.97	3544.7	9.76	30.96	40.72	950	AGM 4	260.12	AGM 5	880.51	42.000	0.375	0.375	35000		21	0.078					0.989	0.706	6:03	150	800	576	450	0.260	1.281	800	576							Pitting			

Reported Feature Reference													Pipe Specification					Reported Feature Dimensions									Calculated Values								Classification		XYZ Information							
									Upstream (U/S) Reference		Downstream (D/S) Reference																	Modified B31.G		Design	FRF	RPR	Effective Area				NAD 83		NAVD 88					
Feature Number (sequential order)	Pipeline Feature	INT/ EXT (ID/OD)	Odometer	Station Number	Distance to U/S weld	Distance to D/S weld	Joint Length	Defect Joint Number	Name	Distance from:	Name	Distance to:	Diameter	Nominal Wall Thickness	Measured Wall Thickness	Pipe Grade (SMYS)	Long Seam Orientation	Metal Loss Depth	Metal Loss Depth	Deformation Depth	Deformation Depth	Crack Depth	Crack Depth	Length	Width	Orientation	MOP	Modified B31.G P_{BURST}	Modified B31.G P_{SAFE}	Pressure (72% SMYS)	MOP / P_{SAFE}	P_{BURST} / 100% SMYS	P_{BURST}	P_{SAFE}	Group Number	Group Category	Latitude	Longitude	Elevation	Comments	POF classification	Excavation/ Repair Required	SPLC Notes	Tool Type/ Technology
			(feet)	(feet)	(feet)	(feet)	(feet)			(feet)		(feet)	(inch)	(inch)	(inch)	(psi)		(%)	(inch)	(%)	(inch)	(%)	(inch)	(inch)	(inch)	(O'clock)	(psi)	(psi)	(psi)	(psi)			(psi)	(psi)					(feet)			Target/Yes/AGM		
1451	Metal Loss	Int	3552.82	3545.5	10.61	30.11	40.72	950	AGM 4	260.97	AGM 5	879.66	42.000	0.375	0.375	35000		21	0.080					0.624	0.710	5:58	150	802	578	450	0.260	1.284	802	577							Pitting			
1452	Metal Loss	Int	3553.45	3546.2	11.24	29.48	40.72	950	AGM 4	261.60	AGM 5	879.03	42.000	0.375	0.375	35000		16	0.058					0.740	0.790	6:00	150	802	578	450	0.260	1.284	802	577							Pitting			
1453	Metal Loss	Int	3555.21	3548.0	13.01	27.72	40.72	950	AGM 4	263.36	AGM 5	877.27	42.000	0.375	0.375	35000		26	0.099					0.356	0.532	5:58	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1454	Metal Loss	Int	3555.45	3548.2	13.25	27.48	40.72	950	AGM 4	263.61	AGM 5	877.02	42.000	0.375	0.375	35000		45	0.169					0.943	0.808	5:57	150	795	572	450	0.262	1.272	792	570							Pitting			
1455	Metal Loss	Int	3558.66	3551.5	16.45	24.27	40.72	950	AGM 4	266.81	AGM 5	873.82	42.000	0.375	0.375	35000		17	0.062					0.563	0.628	6:00	150	803	578	450	0.260	1.284	803	578							Pitting			
1456	Metal Loss	Int	3566.63	3559.7	24.43	16.30	40.72	950	AGM 4	274.79	AGM 5	865.84	42.000	0.375	0.375	35000		16	0.058					0.465	0.707	5:45	150	803	578	450	0.260	1.285	803	578							Pitting			
1457	Metal Loss	Int	3568.31	3561.4	26.10	14.62	40.72	950	AGM 4	276.46	AGM 5	864.17	42.000	0.375	0.375	35000		25	0.092					0.520	0.666	6:10	150	802	578	450	0.260	1.284	802	577							Pitting			
1458	Metal Loss	Int	3569.00	3562.1	26.79	13.93	40.72	950	AGM 4	277.15	AGM 5	863.48	42.000	0.375	0.375	35000		15	0.057					0.364	0.570	5:55	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1459	Metal Loss	Int	3572.28	3565.4	30.08	10.65	40.72	950	AGM 4	280.44	AGM 5	860.19	42.000	0.375	0.375	35000		22	0.081					0.501	0.627	5:58	150	803	578	450	0.260	1.284	802	577							Pitting			
1460	Metal Loss	Int	3573.01	3566.2	30.80	9.92	40.72	950	AGM 4	281.16	AGM 5	859.47	42.000	0.375	0.375	35000		22	0.083					0.665	0.576	5:56	150	802	577	450	0.260	1.283	802	577							Pitting			
1461	Metal Loss	Int	3573.83	3567.0	31.62	9.10	40.72	950	AGM 4	281.98	AGM 5	858.65	42.000	0.375	0.375	35000		22	0.081					0.468	0.592	6:00	150	803	578	450	0.260	1.284	803	578							Pitting			
1462	Metal Loss	Int	3574.48	3567.7	32.28	8.45	40.72	950	AGM 4	282.64	AGM 5	857.99	42.000	0.375	0.375	35000		23	0.087					0.675	0.731	6:07	150	802	577	450	0.260	1.283	801	577							Pitting			
1463	Metal Loss	Int	3575.49	3568.7	33.29	7.44	40.72	950	AGM 4	283.65	AGM 5	856.98	42.000	0.375	0.375	35000		20	0.074					0.386	0.553	5:46	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1464	Metal Loss	Int	3578.95	3572.2	36.74	3.98	40.72	950	AGM 4	287.10	AGM 5	853.53	42.000	0.375	0.375	35000		16	0.061					0.516	0.579	6:00	150	803	578	450	0.260	1.285	803	578							Pitting			
1465	Girth Weld		3582.93	3576.3	40.72	40.92	40.92	960	AGM 4	291.08	AGM 5	849.55	42.000	0.375	0.375	35000											150																	
1466	Metal Loss	Int	3584.30	3577.7	1.37	39.55	40.92	960	AGM 4	292.45	AGM 5	848.18	42.000	0.375	0.375	35000		16	0.059					0.695	0.637	5:52	150	802	578	450	0.260	1.284	802	577							Pitting			
1467	Metal Loss	Int	3585.85	3579.3	2.92	38.00	40.92	960	AGM 4	294.00	AGM 5	846.63	42.000	0.375	0.375	35000		20	0.074					0.672	0.669	6:18	150	802	578	450	0.260	1.283	802	577							Pitting			
1468	Girth Weld		3623.85	3618.1	40.92	39.75	39.75	970	AGM 4	332.00	AGM 5	808.63	42.000	0.375	0.375	35000											150																	
1469	Metal Loss	Int	3624.72	3619.0	0.88	38.87	39.75	970	AGM 4	332.88	AGM 5	807.76	42.000	0.375	0.375	35000		23	0.085					0.329	0.531	6:28	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1470	Metal Loss	Int	3631.88	3626.3	8.04	31.71	39.75	970	AGM 4	340.04	AGM 5	800.59	42.000	0.375	0.375	35000		23	0.084					0.432	0.579	5:55	150	803	578	450	0.260	1.285	803	578							Pitting			
1471	Metal Loss	Int	3632.93	3627.4	9.08	30.67	39.75	970	AGM 4	341.08	AGM 5	799.55	42.000	0.375	0.375	35000		24	0.089					0.697	0.963	6:00	150	802	577	450	0.260	1.283	801	577							Pitting			
1472	Metal Loss	Int	3633.24	3627.7	9.40	30.35	39.75	970	AGM 4	341.40	AGM 5	799.23	42.000	0.375	0.375	35000		23	0.086					0.515	1.025	5:59	150	803	578	450	0.260	1.284	802	577							Pitting			
1473	Cluster	Int	3633.45	3627.9	9.61	30.14	39.75	970	AGM 4	341.61	AGM 5	799.03	42.000	0.375	0.375	35000		27	0.102					1.543	1.924	6:00	150	793	571	450	0.263	1.269	795	572						CLS C				
1474	Metal Loss	Int	3635.79	3630.3	11.94	27.80	39.75	970	AGM 4	343.94	AGM 5	796.69	42.000	0.375	0.375	35000		20	0.073					0.795	0.667	5:42	150	802	577	450	0.260	1.283	801	577							Pitting			
1475	Metal Loss	Int	3636.14	3630.6	12.29	27.46	39.75	970	AGM 4	344.29	AGM 5	796.34	42.000	0.375	0.375	35000		17	0.063					0.608	0.593	6:36	150	803	578	450	0.260	1.284	802	577							Pitting			
1476	Metal Loss	Int	3637.30	3631.8	13.45	26.29	39.75	970	AGM 4	345.45	AGM 5	795.18	42.000	0.375	0.375	35000		30	0.112					0.635	0.644	6:30	150	801	577	450	0.260	1.282	801	577							Pitting			
1477	Metal Loss	Int	3637.50	3632.0	13.65	26.10	39.75	970	AGM 4	345.65	AGM 5	794.98	42.000	0.375	0.375	35000		23	0.088					0.339	0.527	5:44	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1478	Metal Loss	Int	3638.95	3633.5	15.10	24.64	39.75	970	AGM 4	347.10	AGM 5	793.53	42.000	0.375	0.375	35000		17	0.064					0.399	0.553	4:13	150	803	578	450	0.260	1.285	803	578							Pitting			
1479	Metal Loss	Int	3639.37	3634.0	15.53	24.22	39.75	970	AGM 4	347.53	AGM 5	793.10	42.000	0.375	0.375	35000		22	0.084					0.315	0.545	6:25	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1480	Metal Loss	Int	3641.48	3636.1	17.63	22.11	39.75	970	AGM 4	349.63	AGM 5	791.00	42.000	0.375	0.375	35000		29	0.109					0.315	0.538	3:26	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1481	Metal Loss	Int	3641.76	3636.4	17.92	21.83	39.75	970	AGM 4	349.91	AGM 5	790.72	42.000	0.375	0.375	35000		21	0.078					0.547	0.664	8:09	150	803	578	450	0.260	1.284	802	577							Pitting			
1482	Metal Loss	Int	3641.93	3636.6	18.09	21.66	39.75	970	AGM 4	350.09	AGM 5	790.55	42.000	0.375	0.375	35000		45	0.171					1.138	1.045	6:42	150	791	570	450	0.263	1.266	787	567							Pitting			
1483	Metal Loss	Int	3641.95	3636.6	18.10	21.64	39.75	970	AGM 4	350.10	AGM 5	790.53	42.000	0.375	0.375	35000		34	0.126					1.425	1.461	5:36	150	791	570	450	0.263	1.266	788	567							General Metal-loss			
1484	Metal Loss	Int	3642.06	3636.7	18.21	21.54	39.75	970	AGM 4	350.21	AGM 5	790.42	42.000	0.375	0.375	35000		18	0.066					0.419	0.667	5:14	150	803	578	450	0.260	1.285	803	578							Pitting			
1485	Metal Loss	Int	3642.92	3637.6	19.08	20.67	39.75	970	AGM 4	351.08	AGM 5	789.56	42.000	0.375	0.375	35000		18	0.068					1.064	0.883	5:44	150	800	576	450	0.260	1.281	800	576							Pitting			
1486	Metal Loss	Int	3643.32	3638.0	19.47	20.27	39.75	970	AGM 4	351.47	AGM 5	789.16	42.000	0.375	0.375	35000		37	0.139					1.460	3.361	5:50	150	789	568	450	0.264	1.263	785	565							General Metal-loss			
1487	Metal Loss	Int	3643.64	3638.3	19.79	19.95	39.75	970	AGM 4	351.79	AGM 5	788.84	42.000	0.375	0.375	35000		39	0.148					1.160	1.732	6:44	150	793	571	450	0.263	1.269	790	569							Pitting			
1488	Metal Loss	Int	3643.93	3638.6	20.09	19.66	39.75	970	AGM 4	352.08	AGM 5	788.55	42.000	0.375	0.375	35000		39	0.146					1.436	1.690	6:47	150	789	568	450	0.264	1.262	784	564							General Metal-loss			
1489	Metal Loss	Int	3644.75	3639.4	20.90	18.84	39.75	970	AGM 4	352.90	AGM 5	787.73	42.000	0.375	0.375	35000		19	0.071					0.884	0.922	6:21	150	801	577	450	0.260	1.282	801	577							Pitting			
1490	Metal Loss	Int	3644.83	3639.5	20.98	18.76	39.75	970	AGM 4	352.98	AGM 5	787.65	42.000	0.375	0.375	35000		30	0.111					0.785	0.944	5:34	150	800	576	450	0.260	1.281	800	576							Pitting			
1491	Metal Loss	Int	3645.17	3639.9	21.33	18.42	39.75	970	AGM 4	353.33	AGM 5	787.30	42.000	0.375	0.375	35000		18	0.069					0.896	0.665	6:12	150	801	577	450	0.260	1.282	801	577							Pitting			
1492	Metal Loss	Int	3645.54	3640.3	21.70	18.05	39.75	970	AGM 4	353.70	AGM 5	786.93	42.000	0.375	0.375	35000		34	0.127					1.310	1.175	6:05	150	793	571	450	0.263	1.269	790	569							Pitting			
1493	Metal Loss	Int	3645.85	3640.6	22.01	17.74	39.75	970	AGM 4	354.01	AGM 5	786.62	42.000	0.375	0.375	35000		18	0.068					0.426	0.561	3:30	150	803	578	450	0.260	1.285	803	578							Pitting			
1494	Metal Loss	Int	3646.18	3640.9	22.34	17.41	39.75	970	AGM 4	354.33	AGM 5	786.30	42.000	0.375	0.375	35000		16	0.061					0.442	0.571	3:31	150	803	578	450	0.260	1.285	803	578							Pitting			
1495	Metal Loss	Int	3646.45	3641.2	22.60	17.14	39.75	970	AGM 4	354.60	AGM 5	786.03	42.000	0.375	0.375	35000		15	0.057					0.788	0.694	6:16	150	802	577	450	0.260	1.283	802	577							Pitting			
1496	Metal Loss	Int	3646.48	3641.2	22.63	17.12	39.75	970	AGM 4	354.63	AGM 5	786.00	42.000	0.375	0.375	35000		19	0.073					0.935	0.758	5:47	150	801	577	450	0.260	1.281	800	576							Pitting			
1497	Metal Loss	Int	3646.64	3641.4	22.80	16.95	39.75	970	AGM 4	354.80	AGM 5	785.83	42.000	0.375	0.375	35000		37	0.139					0.904	1.140	6:05	150	798	574	450	0.261	1.276	796	573							Pitting			
1498	Metal Loss	Int	3647.07	3641.8	23.22	16.52	39.75	970	AGM 4	355.22	AGM 5	785.41	42.000	0.375	0.375	35000		29	0.109					1.033	1.305	6:06	150	798	575	450	0.261	1.277	797	574							Pitting			
1499	Cluster	Int	3647.50	3642.2	23.65	16.09	39.75	970	AGM 4	355.65	AGM 5	784.98	42.000	0.375	0.375	35000		25	0.093					2.890	3.623	5:59	150	776	559	450	0.268	1.241	783	564						CLS C				
1500	Metal Loss	Int	3647.52	3642.3	23.68	16.07	39.75	970	AGM 4	355.68	AGM 5	784.95	42.000	0.375	0.375	35000		59	0.222					1.187	0.951	6:28	150	782	563	450	0.266	1.252	773	557							Pitting			
1501	Metal Loss	Int	3648.05	3642.8	24.21	15.54	39.75	970	AGM 4	356.21	AGM 5	784.43	42.000	0.375	0.375	35000		23	0.084					0.643	0.609	6:26	150	802	577	450	0.260	1.283	802	577							Pitting			
1502	Metal Loss	Int	3648.08	3642.8	24.24	15.51	39.75	970	AGM 4	356.23	AGM 5	784.40	42.000	0.375	0.375	35000		21	0.079					0.761	0.677	5:35	150	802	577	450	0.260	1.283	801	577							Pitting			
1503	Metal Loss	Int	3648.60	3643.4	24.76	14.99	39.75	970	AGM 4	356.75	AGM 5	783.88	42.000	0.375	0.375	35000		17	0.063					0.522	0.748	5:32	150	803	578	450	0.260	1.285	803	578							Pitting			
1504	Metal Loss	Int	3648.81	3643.6	24.97	14.78	39.75	970	AGM 4	356.97	AGM 5	783.67	42.000	0.375	0.375	35000		23	0.085					0.804	0.899	6:05	150	801	577	450	0.260	1.282	801	577							Pitting			
1505	Metal Loss	Int	3648.86	3643.6	25.02	14.73	39.75	970	AGM 4	357.02	AGM 5	783.62	42.000	0.375	0.375	35000		52	0.194					1.703	1.735	5:43	150	771	555	450	0.270	1.234	760	547							General Metal-loss			
1506	Metal Loss	Int	3649.12	3643.9	25.27	14.48	39.75	970	AGM 4	357.27	AGM 5	783.36	42.000	0.375	0.375	35000		16	0.058					0.547	0.619	6:12	150	803	578	450	0.260	1.285	803	578							Pitting			
1507	Cluster	Int	3649.26	3644.0	25.42	14.33	39.75	970	AGM 4	357.41	AGM 5	783.22	42.000	0.375	0.375	35000		33	0.123					3.930	6.515	5:57	150	743	535	450	0.280	1.188	761	548						CLS C				
1508	Metal Loss	Int	3649.63	3644.4	25.78	13.97	39.75	970	AGM 4	357.78	AGM 5	782.85	42.000	0.375	0.375	35000		49	0.182					1.400	1.099	6:30	150	783	564	450	0.266	1.253	777	559							Pitting			
1509	Metal Loss	Int	3649.78	3644.6	25.93	13.82	39.75	970	AGM 4	357.93	AGM 5	782.70	42.000	0.375	0.375	35000		20	0.073					0.441	0.557	7:57	150	803	578	450	0.260	1.285	803	578							Pitting			
1510	Metal Loss	Int	3650.09	3644.9	26.25	13.50	39.75	970	AGM 4	358.25	AGM 5	782.38	42.000	0.375	0.375	35000		41	0.153					1.187	1.091	6:10	150	792	570	450	0.263	1.268	789	568							Pitting			
1511	Cluster	Int	3650.29	3645.1	26.45	13.30	39.75	970	AGM 4	358.45	AGM 5	782.19	42.000	0.375	0.375	35000		43	0.163					2.667	1.724	5:34	150	752	541	450	0.277	1.203	771	555						CLS C				
1512	Metal Loss	Int	3650.89	3645.7	27.05	12.70	39.75	970	AGM 4	359.05	AGM 5	781.58	42.000	0.375	0.375	35000		16	0.059					0.792	0.795	5:59	150	802	577	450	0.260	1.283	802	577							Pitting			
1513	Metal Loss	Int	3653.98	3648.9	30.13	9.62	39.75	970	AGM 4	362.13	AGM 5	778.50	42.000	0.375	0.375	35000		29	0.111					0.315	0.541	7:17	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1514	Metal Loss	Int	3654.27	3649.2	30.43	9.32	39.75	970	AGM 4	362.43	AGM 5	778.21	42.000	0.375	0.375	35000		16	0.061					0.559	0.654	6:03	150	803	578	450	0.260	1.284	803	578							Pitting			
1515	Metal Loss	Int	3656.18	3651.1	32.33	7.41	39.75	970	AGM 4	364.33	AGM 5	776.30	42.000	0.375	0.375	35000		16	0.060					0.607	0.561	4:45	150	803	578	450	0.260	1.284	802	577							Pitting			
1516	Metal Loss	Int	3656.31	3651.3	32.47	7.28	39.75	970	AGM 4	364.47	AGM 5	776.16	42.000	0.375	0.375	35000		21	0.080					0.443	0.560	4:49	150	803	578	450	0.260	1.285	803	578							Pitting			
1517	Metal Loss	Int	3657.29	3652.2	33.44	6.31	39.75	970	AGM 4	365.44	AGM 5	775.19	42.000	0.375	0.375	35000		25	0.093					0.562	0.627	5:46	150	802	578	450	0.260	1.284	802	577							Pitting			
1518	Metal Loss	Int	3658.22	3653.2	34.37	5.38	39.75	970	AGM 4	366.37	AGM 5	774.26	42.000	0.375	0.375	35000		21	0.077					0.591	0.733	6:05	150	802	578	450	0.260	1.284	802	577							Pitting			
1519	Metal Loss	Int	3658.58	3653.6	34.74	5.01	39.75	970	AGM 4	366.74	AGM 5	773.89	42.000	0.375	0.375	35000		16	0.060					0.315	0.534	5:03	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1520	Metal Loss	Int	3659.57	3654.6	35.72	4.02	39.75	970	AGM 4	367.72	AGM 5	772.91	42.000	0.375	0.375	35000		27	0.101					0.611	0.638	6:27	150	802	577	450	0.260	1.283	801	577							Pitting			
1521	Metal Loss	Int	3660.96	3656.0	37.11	2.64	39.75	970	AGM 4	369.11	AGM 5	771.52	42.000	0.375	0.375	35000		16	0.061					0.540	0.626	6:00	150	803	578	450	0.260	1.285	803	578							Pitting			
1522	Cluster	Int	3661.39	3656.4	37.54	2.21	39.75	970	AGM 4	369.54	AGM 5	771.09	42.000	0.375	0.375	35000		21	0.079					0.943	1.929	6:02	150	801	576	450	0.260	1.281	800	576						CLS C				
1523	Metal Loss	Int	3662.51	3657.6	38.67	1.08	39.75	970	AGM 4	370.67	AGM 5	769.96	42.000	0.375	0.375	35000		22	0.081					0.730	0.697	6:02	150	802	577	450	0.260	1.283	801	577							Pitting			
1524	Metal Loss	Int	3662.58	3657.7	38.74	1.01	39.75	970	AGM 4	370.74	AGM 5	769.89	42.000	0.375	0.375	35000		17	0.064					0.452	0.560	6:36	150	803	578	450	0.260	1.285	803	578							Pitting			
1525	Metal Loss	Int	3663.16	3658.3	39.32	0.43	39.75	970	AGM 4	371.32	AGM 5	769.31	42.000	0.375	0.375	35000		35	0.130					0.804	0.637	6:01	150	799	576	450	0.260	1.279	798	575							Pitting			
1526	Girth Weld		3663.59	3658.7	39.75	40.31	40.31	980	AGM 4	371.75	AGM 5	768.88	42.000	0.375	0.375	35000											150																	
1527	Metal Loss	Int	3664.21	3659.3	0.61	39.69	40.31	980	AGM 4	372.36	AGM 5	768.27	42.000	0.375	0.375	35000		18	0.067					0.459	0.563	6:02	150	803	578	450	0.260	1.285	803	578							Pitting			
1528	Metal Loss	Int	3664.54	3659.7	0.95	39.36	40.31	980	AGM 4	372.69	AGM 5	767.94	42.000	0.375	0.375	35000		20	0.074					1.087	1.018	5:45	150	800	576	450	0.260	1.280	799	575							Pitting			
1529	Cluster	Int	3665.62	3660.8	2.03	38.28	40.31	980	AGM 4	373.78	AGM 5	766.86	42.000	0.375	0.375	35000		21	0.079					1.738	1.528	6:03	150	794	572	450	0.262	1.270	797	574						CLS C				
1530	Metal Loss	Int	3675.25	3670.6	11.66	28.65	40.31	980	AGM 4	383.40	AGM 5	757.23	42.000	0.375	0.375	35000		22	0.083					0.561	0.651	6:15	150	802	578	450	0.260	1.284	802	577							Pitting			
1531	Girth Weld		3703.90	3699.9	40.31	40.74	40.74	990	AGM 4	412.05	AGM 5	728.58	42.000	0.375	0.375	35000											150																	
1532	Metal Loss	Int	3713.25	3709.4	9.36	31.38	40.74	990	AGM 4	421.41	AGM 5	719.22	42.000	0.375	0.375	35000		18	0.068					0.513	0.680	5:56	150	803	578	450	0.260	1.284	803	578							Pitting			
1533	Metal Loss	Int	3734.31	3730.9	30.41	10.32	40.74	990	AGM 4	442.47	AGM 5	698.17	42.000	0.375	0.375	35000		16	0.059					0.490	0.626	6:03	150	803	578	450	0.260	1.285	803	578							Pitting			
1534	Girth Weld		3744.63	3741.5	40.74	39.93	39.93	1000	AGM 4	452.79	AGM 5	687.84	42.000	0.375	0.375	35000											150																	
1535	Metal Loss	Int	3745.42	3742.3	0.79	39.14	39.93	1000	AGM 4	453.58	AGM 5	687.06	42.000	0.375	0.375	35000		22	0.082					0.549	0.621	5:57	150	802	578	450	0.260	1.284	802	577							Pitting			
1536	Metal Loss	Int	3760.20	3757.4	15.56	24.37	39.93	1000	AGM 4	468.35	AGM 5	672.28	42.000	0.375	0.375	35000		32	0.119					0.760	0.849	6:03	150	800	576	450	0.260	1.280	799	575							Pitting			
1537	Metal Loss	Int	3770.86	3768.2	26.22	13.71	39.93	1000	AGM 4	479.01	AGM 5	661.62	42.000	0.375	0.375	35000		19	0.071					0.594	0.904	6:00	150	803	578	450	0.260	1.284	802	577							Pitting			
1538	Metal Loss	Int	3778.39	3775.9	33.75	6.18	39.93	1000	AGM 4	486.54	AGM 5	654.09	42.000	0.375	0.375	35000		27	0.101					0.693	0.759	6:04	150	801	577	450	0.260	1.282	801	577							Pitting			
1539	Metal Loss	Int	3783.22	3780.9	38.59	1.34	39.93	1000	AGM 4	491.37	AGM 5	649.26	42.000	0.375	0.375	35000		22	0.082					0.761	0.575	6:03	150	801	577	450	0.260	1.282	801	577							Pitting			
1540	Girth Weld		3784.57	3782.2	39.93	38.36	38.36	1010	AGM 4	492.72	AGM 5	647.91	42.000	0.375	0.375	35000											150																	
1541	Metal Loss	Int	3819.68	3818.1	35.11	3.25	38.36	1010	AGM 4	527.83	AGM 5	612.80	42.000	0.375	0.375	35000		42	0.156					1.046	0.929	5:58	150	794	572	450	0.262	1.271	792	570							Pitting			
1542	Metal Loss	Int	3822.60	3821.1	38.04	0.33	38.36	1010	AGM 4	530.75	AGM 5	609.88	42.000	0.375	0.375	35000		31	0.117					0.564	0.603	5:57	150	802	577	450	0.260	1.283	801	577							Pitting			
1543	Girth Weld		3822.93	3821.4	38.36	40.30	40.30	1020	AGM 4	531.08	AGM 5	609.55	42.000	0.375	0.375	35000											150																	
1544	Metal Loss	Int	3824.91	3823.4	1.98	38.32	40.30	1020	AGM 4	533.06	AGM 5	607.57	42.000	0.375	0.375	35000		39	0.145					0.745	0.966	5:54	150	799	576	450	0.260	1.279	798	575							Pitting			
1545	Metal Loss	Int	3830.01	3828.7	7.08	33.22	40.30	1020	AGM 4	538.17	AGM 5	602.46	42.000	0.375	0.375	35000		24	0.091					0.818	1.161	5:52	150	801	577	450	0.260	1.281	800	576							Pitting			
1546	Metal Loss	Int	3836.46	3835.2	13.53	26.77	40.30	1020	AGM 4	544.61	AGM 5	596.02	42.000	0.375	0.375	35000		31	0.117					1.080	1.757	6:33	150	797	574	450	0.261	1.275	795	572							Pitting			
1547	Metal Loss	Int	3843.38	3842.3	20.45	19.85	40.30	1020	AGM 4	551.54	AGM 5	589.09	42.000	0.375	0.375	35000		45	0.170					1.134	1.625	6:17	150	791	570	450	0.263	1.266	787	567							Pitting			
1548	Metal Loss	Int	3852.57	3851.7	29.64	10.66	40.30	1020	AGM 4	560.72	AGM 5	579.91	42.000	0.375	0.375	35000		24	0.089					0.663	0.620	4:47	150	802	577	450	0.260	1.283	801	577							Pitting			
1549	Metal Loss	Int	3852.89	3852.0	29.96	10.34	40.30	1020	AGM 4	561.05	AGM 5	579.59	42.000	0.375	0.375	35000		25	0.092					0.714	0.810	4:58	150	801	577	450	0.260	1.282	801	577							Pitting			
1550	Metal Loss	Int	3857.26	3856.5	34.34	5.97	40.30	1020	AGM 4	565.42	AGM 5	575.21	42.000	0.375	0.375	35000		21	0.077					0.315	0.530	4:38	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1551	Metal Loss	Int	3859.79	3859.1	36.87	3.44	40.30	1020	AGM 4	567.95	AGM 5	572.68	42.000	0.375	0.375	35000		17	0.065					0.540	0.785	5:55	150	803	578	450	0.260	1.284	803	578							Pitting			
1552	Cluster	Int	3861.03	3860.3	38.10	2.20	40.30	1020	AGM 4	569.19	AGM 5	571.44	42.000	0.375	0.375	35000		35	0.130					2.288	3.826	6:04	150	774	558	450	0.269	1.239	783	564						CLS C				
1553	Girth Weld		3863.23	3862.6	40.30	41.01	41.01	1030	AGM 4	571.38	AGM 5	569.25	42.000	0.375	0.375	35000											150																	
1554	Metal Loss	Int	3863.26	3862.6	0.03	40.97	41.01	1030	AGM 4	571.42	AGM 5	569.22	42.000	0.375	0.375	35000		45	0.167					1.437	4.205	6:00	150	785	565	450	0.265	1.256	779	561						On GWD	General Metal-loss			
1555	Metal Loss	Int	3865.48	3864.9	2.25	38.76	41.01	1030	AGM 4	573.63	AGM 5	567.00	42.000	0.375	0.375	35000		26	0.097					0.949	1.204	6:03	150	800	576	450	0.260	1.279	799	575							Pitting			
1556	Metal Loss	Int	3866.25	3865.7	3.02	37.99	41.01	1030	AGM 4	574.40	AGM 5	566.23	42.000	0.375	0.375	35000		20	0.076					0.372	0.540	6:35	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1557	Metal Loss	Int	3866.37	3865.8	3.14	37.87	41.01	1030	AGM 4	574.52	AGM 5	566.11	42.000	0.375	0.375	35000		27	0.101					0.445	0.569	6:02	150	803	578	450	0.260	1.284	802	577							Pitting			
1558	Metal Loss	Int	3866.79	3866.2	3.56	37.45	41.01	1030	AGM 4	574.94	AGM 5	565.69	42.000	0.375	0.375	35000		23	0.087					0.698	0.571	6:08	150	802	577	450	0.260	1.283	801	577							Pitting			
1559	Metal Loss	Int	3868.70	3868.2	5.47	35.53	41.01	1030	AGM 4	576.86	AGM 5	563.78	42.000	0.375	0.375	35000		25	0.093					1.140	1.464	6:00	150	798	575	450	0.261	1.277	797	574							Pitting			
1560	Metal Loss	Int	3868.90	3868.4	5.67	35.34	41.01	1030	AGM 4	577.05	AGM 5	563.58	42.000	0.375	0.375	35000		19	0.070					0.539	0.615	6:06	150	803	578	450	0.260	1.284	803	578							Pitting			
1561	Metal Loss	Int	3869.38	3868.9	6.15	34.85	41.01	1030	AGM 4	577.54	AGM 5	563.10	42.000	0.375	0.375	35000		38	0.142					0.700	0.780	6:43	150	800	576	450	0.260	1.280	799	575							Pitting			
1562	Metal Loss	Int	3869.71	3869.2	6.48	34.53	41.01	1030	AGM 4	577.86	AGM 5	562.77	42.000	0.375	0.375	35000		22	0.081					0.835	0.744	6:00	150	801	577	450	0.260	1.282	801	577							Pitting			
1563	Metal Loss	Int	3869.96	3869.5	6.73	34.28	41.01	1030	AGM 4	578.11	AGM 5	562.52	42.000	0.375	0.375	35000		20	0.076					0.826	1.007	5:58	150	801	577	450	0.260	1.282	801	577							Pitting			
1564	Metal Loss	Int	3871.84	3871.4	8.61	32.39	41.01	1030	AGM 4	580.00	AGM 5	560.64	42.000	0.375	0.375	35000		19	0.070					0.690	0.550	6:05	150	802	578	450	0.260	1.283	802	577							Pitting			
1565	Metal Loss	Int	3872.80	3872.4	9.56	31.44	41.01	1030	AGM 4	580.95	AGM 5	559.68	42.000	0.375	0.375	35000		19	0.072					0.405	0.549	6:40	150	803	578	450	0.260	1.285	803	578							Pitting			
1566	Metal Loss	Int	3873.96	3873.5	10.73	30.28	41.01	1030	AGM 4	582.11	AGM 5	558.52	42.000	0.375	0.375	35000		26	0.096					0.922	1.065	6:04	150	800	576	450	0.260	1.280	799	575							Pitting			
1567	Metal Loss	Int	3875.72	3875.3	12.49	28.52	41.01	1030	AGM 4	583.87	AGM 5	556.76	42.000	0.375	0.375	35000		18	0.067					1.118	0.978	5:55	150	800	576	450	0.260	1.280	799	575							Pitting			
1568	Metal Loss	Int	3876.08	3875.7	12.85	28.15	41.01	1030	AGM 4	584.24	AGM 5	556.40	42.000	0.375	0.375	35000		29	0.108					1.016	0.692	5:52	150	798	575	450	0.261	1.278	797	574							Pitting			
1569	Metal Loss	Int	3877.20	3876.9	13.97	27.04	41.01	1030	AGM 4	585.35	AGM 5	555.28	42.000	0.375	0.375	35000		16	0.059					0.461	0.573	5:59	150	803	578	450	0.260	1.285	803	578							Pitting			
1570	Metal Loss	Int	3877.43	3877.1	14.20	26.81	41.01	1030	AGM 4	585.58	AGM 5	555.05	42.000	0.375	0.375	35000		18	0.066					0.993	1.462	6:01	150	801	577	450	0.260	1.281	800	576							Pitting			
1571	Metal Loss	Int	3878.01	3877.7	14.78	26.23	41.01	1030	AGM 4	586.16	AGM 5	554.47	42.000	0.375	0.375	35000		31	0.115					0.730	0.551	5:58	150	801	576	450	0.260	1.281	800	576							Pitting			
1572	Metal Loss	Int	3878.32	3878.0	15.09	25.92	41.01	1030	AGM 4	586.47	AGM 5	554.16	42.000	0.375	0.375	35000		38	0.142					0.569	0.587	5:58	150	801	577	450	0.260	1.282	800	576							Pitting			
1573	Cluster	Int	3879.19	3878.9	15.96	25.04	41.01	1030	AGM 4	587.35	AGM 5	553.28	42.000	0.375	0.375	35000		18	0.067					1.378	2.566	6:05	150	798	575	450	0.261	1.278	798	575						CLS C				
1574	Metal Loss	Int	3879.74	3879.4	16.51	24.50	41.01	1030	AGM 4	587.89	AGM 5	552.74	42.000	0.375	0.375	35000		15	0.058					1.210	0.957	6:03	150	800	576	450	0.260	1.280	800	576							Pitting			
1575	Metal Loss	Int	3879.88	3879.6	16.65	24.36	41.01	1030	AGM 4	588.03	AGM 5	552.60	42.000	0.375	0.375	35000		26	0.099					0.640	0.625	5:38	150	802	577	450	0.260	1.283	801	577							Pitting			
1576	Metal Loss	Int	3879.99	3879.7	16.76	24.25	41.01	1030	AGM 4	588.14	AGM 5	552.49	42.000	0.375	0.375	35000		15	0.057					0.553	0.687	5:58	150	803	578	450	0.260	1.285	803	578							Pitting			
1577	Metal Loss	Int	3882.85	3882.6	19.62	21.38	41.01	1030	AGM 4	591.01	AGM 5	549.62	42.000	0.375	0.375	35000		16	0.061					0.861	0.639	5:58	150	802	577	450	0.260	1.283	801	577							Pitting			
1578	Metal Loss	Int	3883.13	3882.9	19.90	21.10	41.01	1030	AGM 4	591.29	AGM 5	549.35	42.000	0.375	0.375	35000		17	0.063					0.742	0.674	5:33	150	802	578	450	0.260	1.283	802	577							Pitting			
1579	Metal Loss	Int	3883.43	3883.2	20.20	20.80	41.01	1030	AGM 4	591.59	AGM 5	549.04	42.000	0.375	0.375	35000		17	0.064					0.396	0.556	5:58	150	803	578	450	0.260	1.285	803	578							Pitting			
1580	Metal Loss	Int	3883.81	3883.6	20.58	20.43	41.01	1030	AGM 4	591.96	AGM 5	548.67	42.000	0.375	0.375	35000		33	0.125					0.811	0.837	5:58	150	799	576	450	0.260	1.279	798	575							Pitting			
1581	Metal Loss	Int	3884.13	3883.9	20.90	20.11	41.01	1030	AGM 4	592.28	AGM 5	548.35	42.000	0.375	0.375	35000		23	0.085					0.483	0.598	6:02	150	803	578	450	0.260	1.284	802	577							Pitting			
1582	Metal Loss	Int	3884.73	3884.6	21.50	19.50	41.01	1030	AGM 4	592.89	AGM 5	547.74	42.000	0.375	0.375	35000		32	0.121					1.126	0.938	5:58	150	796	573	450	0.262	1.274	794	572							Pitting			
1583	Metal Loss	Int	3886.82	3886.7	23.59	17.42	41.01	1030	AGM 4	594.97	AGM 5	545.66	42.000	0.375	0.375	35000		18	0.069					0.990	0.881	5:56	150	801	577	450	0.260	1.281	800	576							Pitting			
1584	Metal Loss	Int	3887.12	3887.0	23.89	17.12	41.01	1030	AGM 4	595.27	AGM 5	545.36	42.000	0.375	0.375	35000		23	0.085					0.839	0.624	5:59	150	801	577	450	0.260	1.281	800	576							Pitting			
1585	Metal Loss	Int	3888.01	3887.9	24.78	16.22	41.01	1030	AGM 4	596.17	AGM 5	544.46	42.000	0.375	0.375	35000		25	0.092					0.896	0.903	5:59	150	800	576	450	0.260	1.280	799	575							Pitting			
1586	Cluster	Int	3889.21	3889.1	25.98	15.03	41.01	1030	AGM 4	597.36	AGM 5	543.27	42.000	0.375	0.375	35000		18	0.068					1.596	2.930	6:00	150	797	574	450	0.261	1.275	798	575						CLS C				
1587	Metal Loss	Int	3889.87	3889.8	26.64	14.37	41.01	1030	AGM 4	598.02	AGM 5	542.61	42.000	0.375	0.375	35000		28	0.103					1.043	0.919	6:00	150	798	575	450	0.261	1.278	797	574							Pitting			
1588	Metal Loss	Int	3891.37	3891.3	28.14	12.87	41.01	1030	AGM 4	599.52	AGM 5	541.11	42.000	0.375	0.375	35000		20	0.076					1.088	1.057	5:59	150	800	576	450	0.260	1.280	799	575							Pitting			
1589	Metal Loss	Int	3891.75	3891.7	28.52	12.49	41.01	1030	AGM 4	599.90	AGM 5	540.73	42.000	0.375	0.375	35000		18	0.066					0.977	0.528	5:45	150	801	577	450	0.260	1.282	800	576							Pitting			
1590	Metal Loss	Int	3892.25	3892.2	29.02	11.99	41.01	1030	AGM 4	600.40	AGM 5	540.23	42.000	0.375	0.375	35000		17	0.063					0.601	0.595	6:01	150	803	578	450	0.260	1.284	802	577							Pitting			
1591	Metal Loss	Int	3892.53	3892.5	29.30	11.71	41.01	1030	AGM 4	600.68	AGM 5	539.95	42.000	0.375	0.375	35000		16	0.062					0.762	0.568	6:03	150	802	578	450	0.260	1.283	802	577							Pitting			
1592	Metal Loss	Int	3892.92	3892.9	29.69	11.32	41.01	1030	AGM 4	601.07	AGM 5	539.56	42.000	0.375	0.375	35000		22	0.084					0.714	0.533	6:07	150	802	577	450	0.260	1.283	801	577							Pitting			
1593	Metal Loss	Int	3894.92	3895.0	31.69	9.32	41.01	1030	AGM 4	603.07	AGM 5	537.56	42.000	0.375	0.375	35000		28	0.105					0.672	0.670	6:01	150	801	577	450	0.260	1.282	801	577							Pitting			
1594	Metal Loss	Int	3896.52	3896.6	33.29	7.72	41.01	1030	AGM 4	604.67	AGM 5	535.96	42.000	0.375	0.375	35000		25	0.093					0.935	1.010	5:59	150	800	576	450	0.260	1.280	799	575							Pitting			
1595	Cluster	Int	3897.04	3897.1	33.81	7.20	41.01	1030	AGM 4	605.19	AGM 5	535.44	42.000	0.375	0.375	35000		23	0.086					0.745	2.647	5:58	150	801	577	450	0.260	1.282	801	577						CLS C				
1596	Metal Loss	Int	3897.40	3897.5	34.17	6.84	41.01	1030	AGM 4	605.55	AGM 5	535.08	42.000	0.375	0.375	35000		18	0.069					0.718	0.936	6:01	150	802	577	450	0.260	1.283	802	577							Pitting			
1597	Metal Loss	Int	3897.83	3897.9	34.60	6.40	41.01	1030	AGM 4	605.99	AGM 5	534.64	42.000	0.375	0.375	35000		32	0.121					0.882	0.846	6:00	150	799	575	450	0.261	1.278	798	575							Pitting			
1598	Cluster	Int	3898.86	3899.0	35.63	5.38	41.01	1030	AGM 4	607.01	AGM 5	533.62	42.000	0.375	0.375	35000		25	0.094					1.062	3.423	6:00	150	799	575	450	0.261	1.278	798	575						CLS C				
1599	Metal Loss	Int	3899.41	3899.5	36.18	4.83	41.01	1030	AGM 4	607.56	AGM 5	533.07	42.000	0.375	0.375	35000		18	0.067					0.716	1.059	5:58	150	802	578	450	0.260	1.283	802	577							Pitting			
1600	Cluster	Int	3899.69	3899.8	36.46	4.54	41.01	1030	AGM 4	607.85	AGM 5	532.78	42.000	0.375	0.375	35000		21	0.079					1.840	2.417	6:08	150	793	571	450	0.263	1.269	798	575						CLS C				
1601	Cluster	Int	3899.91	3900.1	36.68	4.32	41.01	1030	AGM 4	608.07	AGM 5	532.57	42.000	0.375	0.375	35000		28	0.105					2.469	4.000	6:02	150	779	561	450	0.267	1.246	783	564						CLS C				
1602	Metal Loss	Int	3900.50	3900.7	37.27	3.73	41.01	1030	AGM 4	608.66	AGM 5	531.97	42.000	0.375	0.375	35000		17	0.066					0.435	0.559	5:54	150	803	578	450	0.260	1.285	803	578							Pitting			
1603	Metal Loss	Int	3900.82	3901.0	37.59	3.41	41.01	1030	AGM 4	608.98	AGM 5	531.66	42.000	0.375	0.375	35000		15	0.057					0.855	0.533	6:02	150	802	577	450	0.260	1.283	802	577							Pitting			
1604	Metal Loss	Int	3901.11	3901.3	37.88	3.12	41.01	1030	AGM 4	609.27	AGM 5	531.36	42.000	0.375	0.375	35000		33	0.124					1.790	1.648	6:02	150	786	566	450	0.265	1.257	781	562							General Metal-loss			
1605	Metal Loss	Int	3901.42	3901.6	38.19	2.82	41.01	1030	AGM 4	609.57	AGM 5	531.06	42.000	0.375	0.375	35000		22	0.081					1.128	1.393	6:01	150	799	575	450	0.261	1.279	798	575							Pitting			
1606	Metal Loss	Int	3902.38	3902.6	39.15	1.86	41.01	1030	AGM 4	610.53	AGM 5	530.10	42.000	0.375	0.375	35000		33	0.126					0.788	0.685	5:59	150	800	576	450	0.260	1.280	799	575							Pitting			
1607	Metal Loss	Int	3902.82	3903.0	39.59	1.42	41.01	1030	AGM 4	610.97	AGM 5	529.66	42.000	0.375	0.375	35000		50	0.186					0.826	0.754	6:00	150	796	573	450	0.262	1.273	793	571							Pitting			
1608	Cluster	Int	3903.62	3903.8	40.39	0.62	41.01	1030	AGM 4	611.77	AGM 5	528.86	42.000	0.375	0.375	35000		22	0.082					1.817	3.125	6:01	150	793	571	450	0.263	1.268	797	574						CLS C				
1609	Metal Loss	Int	3903.84	3904.1	40.61	0.39	41.01	1030	AGM 4	612.00	AGM 5	528.63	42.000	0.375	0.375	35000		30	0.112					1.111	1.055	6:10	150	797	574	450	0.261	1.275	796	573							Pitting			
1610	Girth Weld		3904.24	3904.5	41.01	40.21	40.21	1040	AGM 4	612.39	AGM 5	528.24	42.000	0.375	0.375	35000											150																	
1611	Cluster	Int	3904.28	3904.5	0.04	40.16	40.21	1040	AGM 4	612.43	AGM 5	528.20	42.000	0.375	0.375	35000		20	0.076					0.407	2.174	6:15	150	803	578	450	0.260	1.285	803	578						CLS C | On GWD				
1612	Cluster	Int	3904.81	3905.1	0.57	39.64	40.21	1040	AGM 4	612.96	AGM 5	527.67	42.000	0.375	0.375	35000		19	0.072					0.969	1.751	6:12	150	801	577	450	0.260	1.281	800	576						CLS C				
1613	Metal Loss	Int	3905.36	3905.6	1.13	39.08	40.21	1040	AGM 4	613.52	AGM 5	527.12	42.000	0.375	0.375	35000		26	0.098					1.020	1.385	5:53	150	799	575	450	0.261	1.278	798	575							Pitting			
1614	Metal Loss	Int	3905.56	3905.8	1.33	38.88	40.21	1040	AGM 4	613.72	AGM 5	526.92	42.000	0.375	0.375	35000		17	0.063					0.505	0.577	5:51	150	803	578	450	0.260	1.285	803	578							Pitting			
1615	Cluster	Int	3906.27	3906.6	2.03	38.17	40.21	1040	AGM 4	614.42	AGM 5	526.21	42.000	0.375	0.375	35000		28	0.106					2.216	2.880	6:06	150	783	563	450	0.266	1.252	791	570						CLS C				
1616	Metal Loss	Int	3906.98	3907.3	2.74	37.46	40.21	1040	AGM 4	615.13	AGM 5	525.50	42.000	0.375	0.375	35000		20	0.075					0.610	0.654	5:35	150	802	578	450	0.260	1.284	802	577							Pitting			
1617	Metal Loss	Int	3907.53	3907.8	3.30	36.91	40.21	1040	AGM 4	615.69	AGM 5	524.94	42.000	0.375	0.375	35000		15	0.056					0.827	0.592	5:55	150	802	577	450	0.260	1.283	802	577							Pitting			
1618	Metal Loss	Int	3907.99	3908.3	3.75	36.45	40.21	1040	AGM 4	616.14	AGM 5	524.49	42.000	0.375	0.375	35000		27	0.103					1.520	0.870	6:16	150	793	571	450	0.263	1.269	791	570							Pitting			
1619	Metal Loss	Int	3908.28	3908.6	4.05	36.16	40.21	1040	AGM 4	616.44	AGM 5	524.19	42.000	0.375	0.375	35000		19	0.070					1.095	1.903	5:54	150	800	576	450	0.260	1.280	799	575							Pitting			
1620	Metal Loss	Int	3909.41	3909.8	5.18	35.03	40.21	1040	AGM 4	617.57	AGM 5	523.06	42.000	0.375	0.375	35000		29	0.109					0.751	0.647	6:01	150	801	576	450	0.260	1.281	800	576							Pitting			
1621	Metal Loss	Int	3909.58	3909.9	5.34	34.86	40.21	1040	AGM 4	617.73	AGM 5	522.90	42.000	0.375	0.375	35000		20	0.075					0.792	0.963	5:36	150	802	577	450	0.260	1.282	801	577							Pitting			
1622	Metal Loss	Int	3909.80	3910.2	5.56	34.65	40.21	1040	AGM 4	617.95	AGM 5	522.68	42.000	0.375	0.375	35000		50	0.187					1.291	1.077	6:06	150	785	565	450	0.265	1.257	779	561							Pitting			
1623	Cluster	Int	3910.17	3910.5	5.93	34.27	40.21	1040	AGM 4	618.32	AGM 5	522.31	42.000	0.375	0.375	35000		47	0.175					2.218	2.271	6:04	150	761	548	450	0.274	1.218	770	554						CLS C				
1624	Metal Loss	Int	3910.52	3910.9	6.28	33.93	40.21	1040	AGM 4	618.67	AGM 5	521.96	42.000	0.375	0.375	35000		20	0.076					0.712	0.650	6:03	150	802	577	450	0.260	1.283	802	577							Pitting			
1625	Metal Loss	Int	3910.96	3911.3	6.73	33.48	40.21	1040	AGM 4	619.12	AGM 5	521.51	42.000	0.375	0.375	35000		18	0.068					0.804	0.752	5:52	150	802	577	450	0.260	1.283	801	577							Pitting			
1626	Cluster	Int	3911.12	3911.5	6.88	33.32	40.21	1040	AGM 4	619.27	AGM 5	521.36	42.000	0.375	0.375	35000		24	0.090					0.739	2.426	5:59	150	801	577	450	0.260	1.282	801	577						CLS C				
1627	Metal Loss	Int	3911.28	3911.7	7.05	33.16	40.21	1040	AGM 4	619.44	AGM 5	521.20	42.000	0.375	0.375	35000		33	0.122					0.802	0.898	6:49	150	800	576	450	0.260	1.280	799	575							Pitting			
1628	Metal Loss	Int	3911.39	3911.8	7.16	33.05	40.21	1040	AGM 4	619.55	AGM 5	521.09	42.000	0.375	0.375	35000		25	0.093					1.123	1.859	5:33	150	798	575	450	0.261	1.277	797	574							Pitting			
1629	Metal Loss	Int	3912.11	3912.5	7.87	32.33	40.21	1040	AGM 4	620.26	AGM 5	520.37	42.000	0.375	0.375	35000		40	0.149					0.950	0.717	6:07	150	796	573	450	0.262	1.274	794	572							Pitting			
1630	Metal Loss	Int	3912.16	3912.6	7.93	32.28	40.21	1040	AGM 4	620.32	AGM 5	520.31	42.000	0.375	0.375	35000		24	0.089					0.592	0.579	5:45	150	802	578	450	0.260	1.283	802	577							Pitting			
1631	Metal Loss	Int	3912.21	3912.6	7.98	32.23	40.21	1040	AGM 4	620.37	AGM 5	520.26	42.000	0.375	0.375	35000		18	0.068					0.922	1.017	6:58	150	801	577	450	0.260	1.282	801	577							Pitting			
1632	Metal Loss	Int	3912.34	3912.8	8.10	32.10	40.21	1040	AGM 4	620.49	AGM 5	520.14	42.000	0.375	0.375	35000		23	0.088					0.445	0.558	5:34	150	803	578	450	0.260	1.284	803	578							Pitting			
1633	Metal Loss	Int	3912.58	3913.0	8.35	31.86	40.21	1040	AGM 4	620.74	AGM 5	519.89	42.000	0.375	0.375	35000		31	0.117					1.161	0.961	6:08	150	796	573	450	0.262	1.274	794	572							Pitting			

Reported Feature Reference													Pipe Specification					Reported Feature Dimensions									Calculated Values								Classification		XYZ Information							
									Upstream (U/S) Reference		Downstream (D/S) Reference																	Modified B31.G		Design	FRF	RPR	Effective Area				NAD 83		NAVD 88					
Feature Number (sequential order)	Pipeline Feature	INT/ EXT (ID/OD)	Odometer	Station Number	Distance to U/S weld	Distance to D/S weld	Joint Length	Defect Joint Number	Name	Distance from:	Name	Distance to:	Diameter	Nominal Wall Thickness	Measured Wall Thickness	Pipe Grade (SMYS)	Long Seam Orientation	Metal Loss Depth	Metal Loss Depth	Deformation Depth	Deformation Depth	Crack Depth	Crack Depth	Length	Width	Orientation	MOP	Modified B31.G P_{BURST}	Modified B31.G P_{SAFE}	Pressure (72% SMYS)	MOP / P_{SAFE}	P_{BURST} / 100% SMYS	P_{BURST}	P_{SAFE}	Group Number	Group Category	Latitude	Longitude	Elevation	Comments	POF classification	Excavation/ Repair Required	SPLC Notes	Tool Type/ Technology
			(feet)	(feet)	(feet)	(feet)	(feet)			(feet)		(feet)	(inch)	(inch)	(inch)	(psi)		(%)	(inch)	(%)	(inch)	(%)	(inch)	(inch)	(inch)	(O'clock)	(psi)	(psi)	(psi)	(psi)			(psi)	(psi)					(feet)			Target/Yes/AGM		
1634	Metal Loss	Int	3912.78	3913.2	8.54	31.66	40.21	1040	AGM 4	620.93	AGM 5	519.70	42.000	0.375	0.375	35000		18	0.067					0.588	0.594	6:01	150	803	578	450	0.260	1.284	802	577							Pitting			
1635	Cluster	Int	3912.83	3913.2	8.59	31.61	40.21	1040	AGM 4	620.98	AGM 5	519.65	42.000	0.375	0.375	35000		22	0.083					0.962	1.782	6:57	150	800	576	450	0.260	1.280	800	576						CLS C				
1636	Metal Loss	Int	3912.94	3913.4	8.71	31.50	40.21	1040	AGM 4	621.10	AGM 5	519.53	42.000	0.375	0.375	35000		23	0.086					0.385	0.538	6:20	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1637	Metal Loss	Int	3913.13	3913.6	8.90	31.31	40.21	1040	AGM 4	621.29	AGM 5	519.34	42.000	0.375	0.375	35000		20	0.074					0.928	0.678	6:00	150	801	577	450	0.260	1.281	800	576							Pitting			
1638	Metal Loss	Int	3913.33	3913.8	9.10	31.11	40.21	1040	AGM 4	621.49	AGM 5	519.15	42.000	0.375	0.375	35000		24	0.089					0.819	1.053	5:55	150	801	577	450	0.260	1.281	800	576							Pitting			
1639	Metal Loss	Int	3913.61	3914.1	9.38	30.83	40.21	1040	AGM 4	621.77	AGM 5	518.86	42.000	0.375	0.375	35000		17	0.063					0.797	0.679	6:25	150	802	577	450	0.260	1.283	802	577							Pitting			
1640	Metal Loss	Int	3913.73	3914.2	9.50	30.71	40.21	1040	AGM 4	621.89	AGM 5	518.75	42.000	0.375	0.375	35000		21	0.078					1.294	0.960	6:05	150	798	575	450	0.261	1.277	797	574							Pitting			
1641	Metal Loss	Int	3913.90	3914.3	9.67	30.54	40.21	1040	AGM 4	622.06	AGM 5	518.57	42.000	0.375	0.375	35000		15	0.058					0.769	0.768	5:58	150	802	578	450	0.260	1.283	802	577							Pitting			
1642	Metal Loss	Int	3914.04	3914.5	9.80	30.40	40.21	1040	AGM 4	622.19	AGM 5	518.44	42.000	0.375	0.375	35000		23	0.086					0.375	0.542	5:37	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1643	Metal Loss	Int	3914.54	3915.0	10.30	29.90	40.21	1040	AGM 4	622.69	AGM 5	517.94	42.000	0.375	0.375	35000		26	0.099					1.110	1.030	6:28	150	798	575	450	0.261	1.277	797	574							Pitting			
1644	Metal Loss	Int	3914.98	3915.4	10.74	29.47	40.21	1040	AGM 4	623.13	AGM 5	517.50	42.000	0.375	0.375	35000		17	0.065					0.574	0.590	6:02	150	803	578	450	0.260	1.284	802	577							Pitting			
1645	Metal Loss	Int	3915.00	3915.5	10.77	29.44	40.21	1040	AGM 4	623.16	AGM 5	517.47	42.000	0.375	0.375	35000		41	0.152					1.521	2.187	6:40	150	786	566	450	0.265	1.257	781	562							General Metal-loss			
1646	Cluster	Int	3915.17	3915.6	10.94	29.27	40.21	1040	AGM 4	623.33	AGM 5	517.30	42.000	0.375	0.375	35000		21	0.079					1.682	3.944	6:09	150	795	572	450	0.262	1.271	793	571						CLS C				
1647	Metal Loss	Int	3915.82	3916.3	11.58	28.63	40.21	1040	AGM 4	623.97	AGM 5	516.66	42.000	0.375	0.375	35000		26	0.099					1.282	0.961	6:23	150	796	573	450	0.262	1.274	795	572							Pitting			
1648	Metal Loss	Int	3916.43	3916.9	12.19	28.02	40.21	1040	AGM 4	624.58	AGM 5	516.05	42.000	0.375	0.375	35000		29	0.107					1.201	0.890	6:20	150	797	574	450	0.261	1.274	795	572							Pitting			
1649	Cluster	Int	3916.84	3917.3	12.61	27.60	40.21	1040	AGM 4	625.00	AGM 5	515.64	42.000	0.375	0.375	35000		35	0.130					2.642	2.537	6:01	150	767	552	450	0.272	1.227	779	561						CLS C				
1650	Metal Loss	Int	3917.41	3917.9	13.18	27.03	40.21	1040	AGM 4	625.57	AGM 5	515.06	42.000	0.375	0.375	35000		17	0.062					0.729	0.591	5:50	150	802	578	450	0.260	1.284	802	577							Pitting			
1651	Metal Loss	Int	3918.48	3919.0	14.25	25.96	40.21	1040	AGM 4	626.64	AGM 5	514.00	42.000	0.375	0.375	35000		22	0.081					0.651	0.706	6:25	150	802	577	450	0.260	1.283	802	577							Pitting			
1652	Metal Loss	Int	3918.85	3919.4	14.61	25.60	40.21	1040	AGM 4	627.00	AGM 5	513.63	42.000	0.375	0.375	35000		29	0.107					0.747	0.822	6:17	150	801	577	450	0.260	1.281	800	576							Pitting			
1653	Metal Loss	Int	3920.26	3920.8	16.03	24.18	40.21	1040	AGM 4	628.42	AGM 5	512.22	42.000	0.375	0.375	35000		24	0.092					1.048	1.629	5:26	150	799	575	450	0.261	1.279	798	575							Pitting			
1654	Metal Loss	Int	3920.32	3920.9	16.08	24.12	40.21	1040	AGM 4	628.47	AGM 5	512.16	42.000	0.375	0.375	35000		28	0.104					0.719	0.701	6:17	150	801	577	450	0.260	1.282	800	576							Pitting			
1655	Metal Loss	Int	3920.75	3921.3	16.51	23.70	40.21	1040	AGM 4	628.90	AGM 5	511.73	42.000	0.375	0.375	35000		25	0.093					0.646	0.683	6:59	150	802	577	450	0.260	1.283	801	577							Pitting			
1656	Metal Loss	Int	3923.95	3924.6	19.72	20.49	40.21	1040	AGM 4	632.11	AGM 5	508.53	42.000	0.375	0.375	35000		31	0.118					1.275	1.524	6:10	150	795	572	450	0.262	1.271	792	570							General Metal-loss			
1657	Metal Loss	Int	3924.49	3925.2	20.26	19.95	40.21	1040	AGM 4	632.65	AGM 5	507.99	42.000	0.375	0.375	35000		17	0.063					0.636	0.603	5:38	150	802	578	450	0.260	1.284	802	577							Pitting			
1658	Metal Loss	Int	3925.21	3925.9	20.97	19.24	40.21	1040	AGM 4	633.36	AGM 5	507.27	42.000	0.375	0.375	35000		24	0.092					0.788	0.705	6:17	150	801	577	450	0.260	1.282	800	576							Pitting			
1659	Metal Loss	Int	3925.47	3926.2	21.23	18.97	40.21	1040	AGM 4	633.62	AGM 5	507.01	42.000	0.375	0.375	35000		24	0.091					0.850	1.028	5:46	150	801	576	450	0.260	1.281	800	576							Pitting			
1660	Metal Loss	Int	3925.98	3926.7	21.74	18.47	40.21	1040	AGM 4	634.13	AGM 5	506.50	42.000	0.375	0.375	35000		29	0.109					1.410	1.941	6:05	150	794	572	450	0.262	1.270	791	570							General Metal-loss			
1661	Metal Loss	Int	3926.11	3926.8	21.87	18.34	40.21	1040	AGM 4	634.26	AGM 5	506.37	42.000	0.375	0.375	35000		22	0.081					0.934	1.622	7:02	150	801	576	450	0.260	1.281	800	576							Pitting			
1662	Metal Loss	Int	3926.51	3927.2	22.28	17.93	40.21	1040	AGM 4	634.67	AGM 5	505.96	42.000	0.375	0.375	35000		30	0.111					1.067	1.085	6:00	150	798	574	450	0.261	1.276	796	573							Pitting			
1663	Metal Loss	Int	3927.21	3927.9	22.97	17.23	40.21	1040	AGM 4	635.36	AGM 5	505.27	42.000	0.375	0.375	35000		26	0.096					0.978	0.975	5:54	150	799	576	450	0.260	1.279	798	575							Pitting			
1664	Metal Loss	Int	3927.48	3928.2	23.24	16.96	40.21	1040	AGM 4	635.63	AGM 5	505.00	42.000	0.375	0.375	35000		20	0.076					1.163	1.379	6:59	150	799	575	450	0.261	1.279	798	575							Pitting			
1665	Metal Loss	Int	3927.62	3928.4	23.38	16.82	40.21	1040	AGM 4	635.77	AGM 5	504.86	42.000	0.375	0.375	35000		24	0.091					0.881	0.805	5:43	150	800	576	450	0.260	1.281	800	576							Pitting			
1666	Metal Loss	Int	3928.20	3928.9	23.96	16.25	40.21	1040	AGM 4	636.35	AGM 5	504.28	42.000	0.375	0.375	35000		32	0.121					1.193	1.153	6:56	150	795	573	450	0.262	1.273	793	571							Pitting			
1667	Metal Loss	Int	3928.50	3929.3	24.27	15.94	40.21	1040	AGM 4	636.66	AGM 5	503.97	42.000	0.375	0.375	35000		22	0.083					0.740	0.777	6:47	150	802	577	450	0.260	1.283	801	577							Pitting			
1668	Metal Loss	Int	3929.39	3930.2	25.15	15.05	40.21	1040	AGM 4	637.54	AGM 5	503.09	42.000	0.375	0.375	35000		23	0.086					0.970	1.341	6:56	150	800	576	450	0.260	1.280	799	575							Pitting			
1669	Metal Loss	Int	3929.81	3930.6	25.57	14.64	40.21	1040	AGM 4	637.96	AGM 5	502.67	42.000	0.375	0.375	35000		25	0.092					1.025	1.219	6:27	150	799	575	450	0.261	1.279	798	575							Pitting			
1670	Metal Loss	Int	3930.02	3930.8	25.78	14.42	40.21	1040	AGM 4	638.17	AGM 5	502.46	42.000	0.375	0.375	35000		21	0.080					0.661	0.659	6:03	150	802	577	450	0.260	1.283	802	577							Pitting			
1671	Metal Loss	Int	3930.49	3931.3	26.26	13.95	40.21	1040	AGM 4	638.65	AGM 5	501.98	42.000	0.375	0.375	35000		17	0.065					0.480	0.584	6:49	150	803	578	450	0.260	1.285	803	578							Pitting			
1672	Cluster	Int	3930.77	3931.6	26.53	13.67	40.21	1040	AGM 4	638.92	AGM 5	501.71	42.000	0.375	0.375	35000		59	0.221					3.336	4.611	6:32	150	689	496	450	0.302	1.102	725	522						CLS C				
1673	Metal Loss	Int	3933.00	3933.9	28.77	11.44	40.21	1040	AGM 4	641.16	AGM 5	499.48	42.000	0.375	0.375	35000		33	0.123					0.861	1.679	6:35	150	799	575	450	0.261	1.279	798	575							Pitting			
1674	Metal Loss	Int	3934.28	3935.2	30.05	10.16	40.21	1040	AGM 4	642.44	AGM 5	498.20	42.000	0.375	0.375	35000		25	0.095					0.752	0.685	5:56	150	801	577	450	0.260	1.282	801	577							Pitting			
1675	Metal Loss	Int	3934.46	3935.3	30.23	9.98	40.21	1040	AGM 4	642.62	AGM 5	498.01	42.000	0.375	0.375	35000		32	0.122					0.880	0.622	6:50	150	799	575	450	0.261	1.278	798	575							Pitting			
1676	Metal Loss	Int	3937.00	3937.9	32.77	7.44	40.21	1040	AGM 4	645.16	AGM 5	495.47	42.000	0.375	0.375	35000		19	0.072					0.707	1.128	6:06	150	802	577	450	0.260	1.283	802	577							Pitting			
1677	Metal Loss	Int	3937.22	3938.2	32.98	7.23	40.21	1040	AGM 4	645.37	AGM 5	495.26	42.000	0.375	0.375	35000		19	0.072					0.622	0.598	5:51	150	802	578	450	0.260	1.284	802	577							Pitting			
1678	Metal Loss	Int	3937.28	3938.2	33.04	7.16	40.21	1040	AGM 4	645.43	AGM 5	495.20	42.000	0.375	0.375	35000		29	0.108					0.814	0.881	6:08	150	800	576	450	0.260	1.280	799	575							Pitting			
1679	Cluster	Int	3937.50	3938.4	33.26	6.94	40.21	1040	AGM 4	645.65	AGM 5	494.98	42.000	0.375	0.375	35000		36	0.136					1.375	2.466	6:01	150	791	570	450	0.263	1.266	789	568						CLS C				
1680	Metal Loss	Int	3937.96	3938.9	33.73	6.48	40.21	1040	AGM 4	646.12	AGM 5	494.52	42.000	0.375	0.375	35000		34	0.127					1.095	0.788	5:54	150	796	573	450	0.262	1.274	794	572							Pitting			
1681	Metal Loss	Int	3938.39	3939.4	34.16	6.05	40.21	1040	AGM 4	646.55	AGM 5	494.08	42.000	0.375	0.375	35000		23	0.087					0.898	0.700	5:58	150	800	576	450	0.260	1.281	800	576							Pitting			
1682	Cluster	Int	3938.90	3939.9	34.67	5.54	40.21	1040	AGM 4	647.06	AGM 5	493.57	42.000	0.375	0.375	35000		33	0.123					1.001	1.292	6:00	150	798	574	450	0.261	1.276	797	574						CLS C				
1683	Metal Loss	Int	3938.94	3939.9	34.70	5.50	40.21	1040	AGM 4	647.09	AGM 5	493.54	42.000	0.375	0.375	35000		34	0.129					0.790	0.805	6:44	150	800	576	450	0.260	1.279	798	575							Pitting			
1684	Metal Loss	Int	3940.84	3941.9	36.60	3.61	40.21	1040	AGM 4	648.99	AGM 5	491.64	42.000	0.375	0.375	35000		23	0.087					0.507	0.571	5:36	150	803	578	450	0.260	1.284	802	577							Pitting			
1685	Metal Loss	Int	3941.47	3942.5	37.24	2.97	40.21	1040	AGM 4	649.63	AGM 5	491.00	42.000	0.375	0.375	35000		36	0.136					0.771	1.551	6:07	150	799	576	450	0.260	1.279	798	575							Circumferential Grooving			
1686	Metal Loss	Int	3941.84	3942.9	37.61	2.60	40.21	1040	AGM 4	650.00	AGM 5	490.63	42.000	0.375	0.375	35000		20	0.073					0.669	0.846	6:03	150	802	578	450	0.260	1.283	802	577							Pitting			
1687	Metal Loss	Int	3943.89	3945.0	39.66	0.55	40.21	1040	AGM 4	652.05	AGM 5	488.58	42.000	0.375	0.375	35000		16	0.060					0.611	0.976	6:03	150	803	578	450	0.260	1.284	802	577							Pitting			
1688	Cluster	Int	3944.13	3945.2	39.90	0.31	40.21	1040	AGM 4	652.29	AGM 5	488.35	42.000	0.375	0.375	35000		25	0.095					0.670	2.406	6:01	150	802	577	450	0.260	1.283	801	577						CLS C				
1689	Girth Weld		3944.44	3945.5	40.21	40.83	40.83	1050	AGM 4	652.60	AGM 5	488.03	42.000	0.375	0.375	35000											150																	
1690	Metal Loss	Int	3945.07	3946.2	0.63	40.21	40.83	1050	AGM 4	653.22	AGM 5	487.41	42.000	0.375	0.375	35000		29	0.108					0.967	0.873	6:01	150	799	575	450	0.261	1.278	798	575							Pitting			
1691	Metal Loss	Int	3945.60	3946.7	1.16	39.68	40.83	1050	AGM 4	653.75	AGM 5	486.88	42.000	0.375	0.375	35000		16	0.058					0.976	3.532	5:56	150	801	577	450	0.260	1.282	801	577							Circumferential Grooving			
1692	Cluster	Int	3945.84	3947.0	1.40	39.43	40.83	1050	AGM 4	654.00	AGM 5	486.64	42.000	0.375	0.375	35000		27	0.101					1.107	3.519	6:06	150	798	575	450	0.261	1.277	797	574						CLS C				
1693	Metal Loss	Int	3949.28	3950.5	4.84	36.00	40.83	1050	AGM 4	657.43	AGM 5	483.20	42.000	0.375	0.375	35000		17	0.066					0.880	0.612	6:20	150	801	577	450	0.260	1.282	801	577							Pitting			
1694	Metal Loss	Int	3950.53	3951.8	6.09	34.75	40.83	1050	AGM 4	658.68	AGM 5	481.95	42.000	0.375	0.375	35000		23	0.086					0.686	1.249	6:12	150	802	577	450	0.260	1.283	801	577							Pitting			
1695	Metal Loss	Int	3950.75	3952.0	6.31	34.52	40.83	1050	AGM 4	658.91	AGM 5	481.72	42.000	0.375	0.375	35000		18	0.069					0.618	0.614	5:56	150	802	578	450	0.260	1.284	802	577							Pitting			
1696	Metal Loss	Int	3952.03	3953.3	7.59	33.24	40.83	1050	AGM 4	660.19	AGM 5	480.44	42.000	0.375	0.375	35000		34	0.128					0.669	0.979	6:12	150	801	576	450	0.260	1.281	800	576							Pitting			
1697	Metal Loss	Int	3952.35	3953.6	7.91	32.92	40.83	1050	AGM 4	660.51	AGM 5	480.12	42.000	0.375	0.375	35000		18	0.066					0.622	0.726	5:57	150	802	578	450	0.260	1.284	802	577							Pitting			
1698	Metal Loss	Int	3954.17	3955.5	9.73	31.11	40.83	1050	AGM 4	662.32	AGM 5	478.31	42.000	0.375	0.375	35000		31	0.116					0.559	0.608	5:54	150	802	577	450	0.260	1.283	801	577							Pitting			
1699	Metal Loss	Int	3954.67	3956.0	10.23	30.60	40.83	1050	AGM 4	662.83	AGM 5	477.81	42.000	0.375	0.375	35000		23	0.087					0.862	0.933	6:08	150	801	577	450	0.260	1.281	800	576							Pitting			
1700	Metal Loss	Int	3963.48	3965.0	19.04	21.80	40.83	1050	AGM 4	671.63	AGM 5	469.00	42.000	0.375	0.375	35000		18	0.068					0.487	0.622	6:02	150	803	578	450	0.260	1.285	803	578							Pitting			
1701	Metal Loss	Int	3963.68	3965.2	19.24	21.60	40.83	1050	AGM 4	671.83	AGM 5	468.80	42.000	0.375	0.375	35000		22	0.082					0.315	0.498	5:55	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1702	Metal Loss	Int	3969.93	3971.6	25.49	15.35	40.83	1050	AGM 4	678.08	AGM 5	462.55	42.000	0.375	0.375	35000		21	0.077					0.545	0.600	5:52	150	803	578	450	0.260	1.284	802	577							Pitting			
1703	Metal Loss	Int	3975.01	3976.8	30.57	10.26	40.83	1050	AGM 4	683.17	AGM 5	457.46	42.000	0.375	0.375	35000		15	0.057					0.356	0.536	6:01	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1704	Girth Weld		3985.28	3987.2	40.83	35.66	35.66	1060	AGM 4	693.43	AGM 5	447.20	42.000	0.375	0.375	35000											150																	
1705	Girth Weld		4020.93	4023.7	35.66	38.75	38.75	1070	AGM 4	729.09	AGM 5	411.55	42.000	0.375	0.375	35000											150																	
1706	Metal Loss	Int	4021.16	4023.9	0.23	38.52	38.75	1070	AGM 4	729.31	AGM 5	411.32	42.000	0.375	0.375	35000		34	0.127					0.905	1.055	6:03	150	798	575	450	0.261	1.278	797	574							Pitting			
1707	Metal Loss	Int	4022.05	4024.8	1.12	37.63	38.75	1070	AGM 4	730.21	AGM 5	410.42	42.000	0.375	0.375	35000		20	0.075					0.524	0.592	6:05	150	803	578	450	0.260	1.284	802	577							Pitting			
1708	Metal Loss	Int	4058.06	4061.6	37.13	1.62	38.75	1070	AGM 4	766.22	AGM 5	374.41	42.000	0.375	0.375	35000		16	0.059					1.100	1.147	6:04	150	801	577	450	0.260	1.281	800	576							Pitting			
1709	Metal Loss	Int	4058.50	4062.0	37.57	1.18	38.75	1070	AGM 4	766.66	AGM 5	373.97	42.000	0.375	0.375	35000		28	0.105					0.887	0.855	6:03	150	800	576	450	0.260	1.280	799	575							Pitting			
1710	Girth Weld		4059.68	4063.2	38.75	39.60	39.60	1080	AGM 4	767.84	AGM 5	372.79	42.000	0.375	0.375	35000											150																	
1711	Girth Weld		4099.28	4103.7	39.60	39.81	39.81	1090	AGM 4	807.43	AGM 5	333.20	42.000	0.375	0.375	35000											150																	
1712	Metal Loss	Int	4113.45	4118.2	14.17	25.64	39.81	1090	AGM 4	821.61	AGM 5	319.02	42.000	0.375	0.375	35000		20	0.077					0.637	0.778	6:52	150	802	578	450	0.260	1.284	802	577							Pitting			
1713	Metal Loss	Int	4114.89	4119.6	15.61	24.21	39.81	1090	AGM 4	823.04	AGM 5	317.59	42.000	0.375	0.375	35000		25	0.093					0.513	0.582	6:45	150	802	578	450	0.260	1.284	802	577							Pitting			
1714	Metal Loss	Int	4114.96	4119.7	15.68	24.14	39.81	1090	AGM 4	823.11	AGM 5	317.52	42.000	0.375	0.375	35000		23	0.086					0.590	0.678	7:04	150	802	578	450	0.260	1.284	802	577							Pitting			
1715	Metal Loss	Int	4115.24	4120.0	15.96	23.85	39.81	1090	AGM 4	823.39	AGM 5	317.24	42.000	0.375	0.375	35000		22	0.082					0.369	0.540	6:28	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1716	Metal Loss	Int	4116.31	4121.1	17.03	22.78	39.81	1090	AGM 4	824.46	AGM 5	316.17	42.000	0.375	0.375	35000		18	0.068					0.315	0.527	5:10	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1717	Metal Loss	Int	4117.56	4122.4	18.27	21.54	39.81	1090	AGM 4	825.71	AGM 5	314.92	42.000	0.375	0.375	35000		18	0.067					0.315	0.531	6:30	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1718	Metal Loss	Int	4118.00	4122.8	18.71	21.10	39.81	1090	AGM 4	826.15	AGM 5	314.48	42.000	0.375	0.375	35000		25	0.093					0.551	0.563	6:00	150	802	578	450	0.260	1.284	802	577							Pitting			
1719	Metal Loss	Int	4118.20	4123.0	18.92	20.89	39.81	1090	AGM 4	826.35	AGM 5	314.28	42.000	0.375	0.375	35000		19	0.072					0.315	0.536	6:31	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1720	Metal Loss	Int	4118.45	4123.3	19.17	20.64	39.81	1090	AGM 4	826.60	AGM 5	314.03	42.000	0.375	0.375	35000		15	0.057					0.450	0.562	7:08	150	803	578	450	0.260	1.285	803	578							Pitting			
1721	Cluster	Int	4119.23	4124.1	19.95	19.86	39.81	1090	AGM 4	827.39	AGM 5	313.24	42.000	0.375	0.375	35000		35	0.131					1.837	2.913	6:17	150	783	564	450	0.266	1.253	792	570						CLS C				
1722	Metal Loss	Int	4120.10	4124.9	20.81	19.00	39.81	1090	AGM 4	828.25	AGM 5	312.38	42.000	0.375	0.375	35000		16	0.060					0.418	0.562	6:44	150	803	578	450	0.260	1.285	803	578							Pitting			
1723	Metal Loss	Int	4120.34	4125.2	21.06	18.75	39.81	1090	AGM 4	828.49	AGM 5	312.14	42.000	0.375	0.375	35000		22	0.083					0.869	0.629	6:16	150	801	577	450	0.260	1.281	800	576							Pitting			
1724	Metal Loss	Int	4121.68	4126.6	22.40	17.41	39.81	1090	AGM 4	829.84	AGM 5	310.80	42.000	0.375	0.375	35000		27	0.101					0.821	0.916	6:32	150	800	576	450	0.260	1.281	800	576							Pitting			
1725	Metal Loss	Int	4122.18	4127.1	22.90	16.91	39.81	1090	AGM 4	830.34	AGM 5	310.29	42.000	0.375	0.375	35000		27	0.103					0.634	0.901	6:18	150	802	577	450	0.260	1.283	801	577							Pitting			
1726	Metal Loss	Int	4122.19	4127.1	22.91	16.91	39.81	1090	AGM 4	830.34	AGM 5	310.29	42.000	0.375	0.375	35000		25	0.093					0.752	1.062	6:38	150	801	577	450	0.260	1.282	801	577							Pitting			
1727	Cluster	Int	4122.48	4127.4	23.20	16.61	39.81	1090	AGM 4	830.63	AGM 5	310.00	42.000	0.375	0.375	35000		19	0.071					0.988	2.157	6:20	150	801	576	450	0.260	1.281	801	577						CLS C				
1728	Metal Loss	Int	4123.48	4128.4	24.20	15.61	39.81	1090	AGM 4	831.63	AGM 5	309.00	42.000	0.375	0.375	35000		24	0.090					0.754	1.362	6:45	150	801	577	450	0.260	1.282	801	577							Pitting			
1729	Metal Loss	Int	4124.05	4129.0	24.77	15.04	39.81	1090	AGM 4	832.20	AGM 5	308.43	42.000	0.375	0.375	35000		32	0.122					1.007	1.409	6:24	150	798	574	450	0.261	1.276	796	573							Pitting			
1730	Metal Loss	Int	4128.90	4133.9	29.62	10.19	39.81	1090	AGM 4	837.05	AGM 5	303.58	42.000	0.375	0.375	35000		53	0.197					1.704	2.859	5:50	150	770	555	450	0.270	1.233	759	546							General Metal-loss			
1731	Metal Loss	Int	4130.07	4135.1	30.79	9.02	39.81	1090	AGM 4	838.23	AGM 5	302.41	42.000	0.375	0.375	35000		58	0.216					2.669	3.285	6:18	150	722	520	450	0.288	1.155	693	499							General Metal-loss			
1732	Metal Loss	Int	4131.51	4136.6	32.23	7.58	39.81	1090	AGM 4	839.67	AGM 5	300.96	42.000	0.375	0.375	35000		42	0.157					1.277	1.770	6:16	150	790	569	450	0.264	1.264	786	566							General Metal-loss			
1733	Metal Loss	Int	4131.52	4136.6	32.24	7.57	39.81	1090	AGM 4	839.67	AGM 5	300.96	42.000	0.375	0.375	35000		20	0.077					0.590	0.548	5:27	150	802	578	450	0.260	1.284	802	577							Pitting			
1734	Metal Loss	Int	4132.29	4137.4	33.01	6.80	39.81	1090	AGM 4	840.45	AGM 5	300.19	42.000	0.375	0.375	35000		22	0.081					0.927	1.290	6:22	150	801	576	450	0.260	1.281	800	576							Pitting			
1735	Metal Loss	Int	4132.46	4137.6	33.18	6.63	39.81	1090	AGM 4	840.61	AGM 5	300.02	42.000	0.375	0.375	35000		18	0.069					0.947	0.921	6:18	150	801	577	450	0.260	1.282	800	576							Pitting			
1736	Metal Loss	Int	4132.56	4137.7	33.28	6.53	39.81	1090	AGM 4	840.72	AGM 5	299.91	42.000	0.375	0.375	35000		24	0.088					0.667	0.614	4:36	150	802	577	450	0.260	1.283	801	577							Pitting			
1737	Metal Loss	Int	4132.91	4138.0	33.63	6.18	39.81	1090	AGM 4	841.06	AGM 5	299.57	42.000	0.375	0.375	35000		24	0.091					0.582	0.586	6:13	150	802	578	450	0.260	1.283	802	577							Pitting			
1738	Metal Loss	Int	4133.94	4139.1	34.66	5.15	39.81	1090	AGM 4	842.09	AGM 5	298.54	42.000	0.375	0.375	35000		20	0.075					0.453	0.549	5:27	150	803	578	450	0.260	1.285	803	578							Pitting			
1739	Metal Loss	Int	4134.09	4139.2	34.81	5.00	39.81	1090	AGM 4	842.25	AGM 5	298.39	42.000	0.375	0.375	35000		50	0.189					1.030	0.816	6:13	150	791	570	450	0.263	1.266	787	567							Pitting			
1740	Metal Loss	Int	4134.26	4139.4	34.98	4.83	39.81	1090	AGM 4	842.41	AGM 5	298.22	42.000	0.375	0.375	35000		16	0.060					1.094	0.566	7:02	150	801	576	450	0.260	1.281	800	576							Pitting			
1741	Metal Loss	Int	4134.83	4140.0	35.55	4.27	39.81	1090	AGM 4	842.98	AGM 5	297.65	42.000	0.375	0.375	35000		30	0.112					1.070	1.140	6:17	150	798	574	450	0.261	1.276	796	573							Pitting			
1742	Metal Loss	Int	4135.51	4140.7	36.23	3.59	39.81	1090	AGM 4	843.66	AGM 5	296.97	42.000	0.375	0.375	35000		18	0.066					0.423	0.573	7:03	150	803	578	450	0.260	1.285	803	578							Pitting			
1743	Metal Loss	Int	4136.15	4141.3	36.87	2.94	39.81	1090	AGM 4	844.30	AGM 5	296.33	42.000	0.375	0.375	35000		18	0.068					0.831	0.624	6:37	150	802	577	450	0.260	1.283	801	577							Pitting			
1744	Metal Loss	Int	4136.45	4141.7	37.17	2.64	39.81	1090	AGM 4	844.61	AGM 5	296.02	42.000	0.375	0.375	35000		21	0.080					0.598	0.586	6:55	150	802	578	450	0.260	1.284	802	577							Pitting			
1745	Metal Loss	Int	4136.48	4141.7	37.20	2.61	39.81	1090	AGM 4	844.63	AGM 5	296.00	42.000	0.375	0.375	35000		51	0.192					1.290	0.927	6:16	150	785	565	450	0.265	1.255	778	560							Pitting			
1746	Metal Loss	Int	4136.74	4141.9	37.46	2.35	39.81	1090	AGM 4	844.89	AGM 5	295.74	42.000	0.375	0.375	35000		15	0.057					0.315	0.509	7:00	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1747	Metal Loss	Int	4137.16	4142.4	37.88	1.94	39.81	1090	AGM 4	845.31	AGM 5	295.32	42.000	0.375	0.375	35000		56	0.209					1.519	2.314	6:18	150	774	557	450	0.269	1.238	762	549							General Metal-loss			
1748	Metal Loss	Int	4137.17	4142.4	37.88	1.93	39.81	1090	AGM 4	845.32	AGM 5	295.31	42.000	0.375	0.375	35000		18	0.068					0.891	0.753	5:38	150	801	577	450	0.260	1.282	801	577							Pitting			
1749	Metal Loss	Int	4138.05	4143.3	38.77	1.04	39.81	1090	AGM 4	846.21	AGM 5	294.43	42.000	0.375	0.375	35000		19	0.072					0.814	1.300	6:22	150	802	577	450	0.260	1.282	801	577							Pitting			
1750	Metal Loss	Int	4138.36	4143.6	39.08	0.73	39.81	1090	AGM 4	846.51	AGM 5	294.12	42.000	0.375	0.375	35000		27	0.103					0.850	0.641	6:19	150	800	576	450	0.260	1.280	799	575							Pitting			
1751	Girth Weld		4139.09	4144.3	39.81	6.18	6.18	1100	AGM 4	847.25	AGM 5	293.38	42.000	0.375	0.375	35000											150																	
1752	Metal Loss	Int	4139.11	4144.4	0.02	6.16	6.18	1100	AGM 4	847.26	AGM 5	293.37	42.000	0.375	0.375	35000		49	0.184					1.486	3.237	6:27	150	781	562	450	0.267	1.249	773	557						On GWD	General Metal-loss			
1753	Metal Loss	Int	4140.54	4145.8	1.45	4.73	6.18	1100	AGM 4	848.69	AGM 5	291.94	42.000	0.375	0.375	35000		17	0.065					0.568	0.568	6:58	150	803	578	450	0.260	1.284	803	578							Pitting			
1754	Metal Loss	Int	4140.91	4146.2	1.82	4.36	6.18	1100	AGM 4	849.06	AGM 5	291.57	42.000	0.375	0.375	35000		24	0.089					0.776	0.569	6:21	150	801	577	450	0.260	1.282	801	577							Pitting			
1755	Metal Loss	Int	4141.23	4146.5	2.14	4.04	6.18	1100	AGM 4	849.39	AGM 5	291.25	42.000	0.375	0.375	35000		18	0.067					0.547	0.672	6:57	150	803	578	450	0.260	1.284	803	578							Pitting			
1756	Metal Loss	Int	4141.61	4146.9	2.52	3.66	6.18	1100	AGM 4	849.76	AGM 5	290.87	42.000	0.375	0.375	35000		20	0.075					1.041	0.740	6:27	150	800	576	450	0.260	1.280	799	575							Pitting			
1757	Metal Loss	Int	4142.03	4147.3	2.94	3.24	6.18	1100	AGM 4	850.19	AGM 5	290.45	42.000	0.375	0.375	35000		17	0.063					0.579	0.593	7:33	150	803	578	450	0.260	1.284	803	578							Pitting			
1758	Metal Loss	Int	4142.10	4147.4	3.00	3.17	6.18	1100	AGM 4	850.25	AGM 5	290.38	42.000	0.375	0.375	35000		15	0.057					0.340	0.553	7:01	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1759	Metal Loss	Int	4142.61	4147.9	3.51	2.66	6.18	1100	AGM 4	850.76	AGM 5	289.87	42.000	0.375	0.375	35000		18	0.066					0.481	0.584	7:01	150	803	578	450	0.260	1.285	803	578							Pitting			
1760	Metal Loss	Int	4143.58	4148.9	4.49	1.69	6.18	1100	AGM 4	851.74	AGM 5	288.89	42.000	0.375	0.375	35000		15	0.058					0.677	0.613	6:28	150	802	578	450	0.260	1.284	802	577							Pitting			
1761	Metal Loss	Int	4143.77	4149.1	4.68	1.50	6.18	1100	AGM 4	851.93	AGM 5	288.70	42.000	0.375	0.375	35000		20	0.074					0.687	1.078	7:41	150	802	577	450	0.260	1.283	802	577							Pitting			
1762	Metal Loss	Int	4145.14	4150.5	6.05	0.13	6.18	1100	AGM 4	853.30	AGM 5	287.33	42.000	0.375	0.375	35000		22	0.081					0.481	0.606	4:58	150	803	578	450	0.260	1.284	803	578						Near GWD	Pitting			
1763	Girth Weld		4145.27	4150.7	6.18	38.91	38.91	1110	AGM 4	853.42	AGM 5	287.21	42.000	0.375	0.375	35000											150																	
1764	Metal Loss	Int	4145.30	4150.7	0.03	38.88	38.91	1110	AGM 4	853.46	AGM 5	287.18	42.000	0.375	0.375	35000		50	0.187					1.217	4.711	6:22	150	787	567	450	0.265	1.259	782	563						On GWD	General Metal-loss			
1765	Metal Loss	Int	4145.53	4150.9	0.26	38.65	38.91	1110	AGM 4	853.69	AGM 5	286.94	42.000	0.375	0.375	35000		25	0.095					0.686	0.987	7:36	150	802	577	450	0.260	1.282	801	577							Pitting			
1766	Metal Loss	Int	4145.96	4151.4	0.69	38.22	38.91	1110	AGM 4	854.12	AGM 5	286.51	42.000	0.375	0.375	35000		20	0.074					0.471	0.586	6:44	150	803	578	450	0.260	1.285	803	578							Pitting			
1767	Metal Loss	Int	4146.11	4151.5	0.84	38.07	38.91	1110	AGM 4	854.26	AGM 5	286.37	42.000	0.375	0.375	35000		17	0.062					0.508	0.635	7:36	150	803	578	450	0.260	1.285	803	578							Pitting			
1768	Metal Loss	Int	4146.38	4151.8	1.11	37.80	38.91	1110	AGM 4	854.53	AGM 5	286.10	42.000	0.375	0.375	35000		48	0.181					1.478	1.969	6:05	150	781	563	450	0.266	1.250	774	557							General Metal-loss			
1769	Metal Loss	Int	4146.98	4152.4	1.71	37.20	38.91	1110	AGM 4	855.13	AGM 5	285.50	42.000	0.375	0.375	35000		16	0.061					0.380	0.548	7:49	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1770	Metal Loss	Int	4147.00	4152.4	1.73	37.19	38.91	1110	AGM 4	855.15	AGM 5	285.48	42.000	0.375	0.375	35000		31	0.117					1.119	1.116	6:14	150	797	574	450	0.261	1.275	795	572							Pitting			
1771	Metal Loss	Int	4147.16	4152.6	1.89	37.02	38.91	1110	AGM 4	855.32	AGM 5	285.32	42.000	0.375	0.375	35000		27	0.100					0.783	0.791	5:50	150	801	577	450	0.260	1.281	800	576							Pitting			
1772	Cluster	Int	4147.82	4153.3	2.55	36.37	38.91	1110	AGM 4	855.97	AGM 5	284.66	42.000	0.375	0.375	35000		36	0.134					1.615	2.121	6:20	150	787	567	450	0.265	1.259	784	564						CLS C				
1773	Metal Loss	Int	4147.96	4153.4	2.69	36.22	38.91	1110	AGM 4	856.12	AGM 5	284.51	42.000	0.375	0.375	35000		17	0.063					0.744	0.698	7:28	150	802	578	450	0.260	1.283	802	577							Pitting			
1774	Metal Loss	Int	4148.01	4153.5	2.74	36.17	38.91	1110	AGM 4	856.17	AGM 5	284.46	42.000	0.375	0.375	35000		30	0.112					0.895	1.277	5:41	150	799	576	450	0.260	1.279	798	575							Pitting			
1775	Metal Loss	Int	4148.15	4153.6	2.87	36.04	38.91	1110	AGM 4	856.30	AGM 5	284.33	42.000	0.375	0.375	35000		18	0.069					0.687	0.698	6:20	150	802	578	450	0.260	1.284	802	577							Pitting			
1776	Metal Loss	Int	4149.69	4155.2	4.42	34.49	38.91	1110	AGM 4	857.85	AGM 5	282.78	42.000	0.375	0.375	35000		20	0.077					0.405	0.565	7:34	150	803	578	450	0.260	1.285	803	578							Pitting			
1777	Metal Loss	Int	4149.84	4155.3	4.57	34.34	38.91	1110	AGM 4	857.99	AGM 5	282.64	42.000	0.375	0.375	35000		18	0.069					0.669	0.932	7:26	150	802	578	450	0.260	1.284	802	577							Pitting			
1778	Metal Loss	Int	4150.46	4156.0	5.19	33.72	38.91	1110	AGM 4	858.61	AGM 5	282.02	42.000	0.375	0.375	35000		26	0.097					0.686	0.612	4:41	150	801	577	450	0.260	1.282	801	577							Pitting			
1779	Metal Loss	Int	4150.49	4156.0	5.22	33.69	38.91	1110	AGM 4	858.64	AGM 5	281.99	42.000	0.375	0.375	35000		19	0.072					0.528	0.641	5:42	150	803	578	450	0.260	1.284	803	578							Pitting			
1780	Metal Loss	Int	4151.78	4157.3	6.51	32.40	38.91	1110	AGM 4	859.94	AGM 5	280.69	42.000	0.375	0.375	35000		19	0.073					0.667	0.703	6:48	150	802	578	450	0.260	1.283	802	577							Pitting			
1781	Metal Loss	Int	4152.18	4157.7	6.91	32.00	38.91	1110	AGM 4	860.33	AGM 5	280.30	42.000	0.375	0.375	35000		16	0.060					0.741	0.903	6:48	150	802	578	450	0.260	1.284	802	577							Pitting			
1782	Metal Loss	Int	4153.03	4158.6	7.76	31.15	38.91	1110	AGM 4	861.18	AGM 5	279.45	42.000	0.375	0.375	35000		23	0.085					0.589	0.659	7:39	150	802	578	450	0.260	1.284	802	577							Pitting			
1783	Metal Loss	Int	4153.18	4158.7	7.91	31.00	38.91	1110	AGM 4	861.33	AGM 5	279.30	42.000	0.375	0.375	35000		32	0.119					0.987	1.324	6:16	150	798	575	450	0.261	1.277	797	574							Pitting			
1784	Cluster	Int	4153.36	4158.9	8.09	30.82	38.91	1110	AGM 4	861.51	AGM 5	279.12	42.000	0.375	0.375	35000		39	0.147					0.842	1.575	6:29	150	798	575	450	0.261	1.277	797	574						CLS C				
1785	Sleeve Start		4154.74	4160.3	9.47	29.45	38.91	1110	AGM 4	862.89	AGM 5	277.74	42.000	0.375	0.375	35000								87.590			150													Repair Sleeve - Start				
1786	Sleeve End		4162.03	4167.8	16.76	22.15	38.91	1110	AGM 4	870.19	AGM 5	270.44	42.000	0.375	0.375	35000											150													Repair Sleeve - End				
1787	Metal Loss	Int	4162.44	4168.2	17.17	21.74	38.91	1110	AGM 4	870.60	AGM 5	270.04	42.000	0.375	0.375	35000		21	0.078					0.748	1.039	6:22	150	802	577	450	0.260	1.283	801	577							Pitting			
1788	Metal Loss	Int	4162.57	4168.3	17.30	21.61	38.91	1110	AGM 4	870.72	AGM 5	269.91	42.000	0.375	0.375	35000		22	0.082					0.659	0.712	7:30	150	802	577	450	0.260	1.283	802	577							Pitting			
1789	Metal Loss	Int	4162.74	4168.5	17.47	21.44	38.91	1110	AGM 4	870.89	AGM 5	269.74	42.000	0.375	0.375	35000		32	0.118					1.035	1.071	6:22	150	798	574	450	0.261	1.276	796	573							Pitting			
1790	Metal Loss	Int	4163.00	4168.8	17.73	21.18	38.91	1110	AGM 4	871.16	AGM 5	269.48	42.000	0.375	0.375	35000		15	0.057					0.597	0.684	6:28	150	803	578	450	0.260	1.284	803	578							Pitting			
1791	Metal Loss	Int	4163.34	4169.1	18.07	20.84	38.91	1110	AGM 4	871.50	AGM 5	269.13	42.000	0.375	0.375	35000		24	0.089					0.670	0.667	5:43	150	802	577	450	0.260	1.283	801	577							Pitting			
1792	Cluster	Int	4163.42	4169.2	18.15	20.76	38.91	1110	AGM 4	871.57	AGM 5	269.06	42.000	0.375	0.375	35000		21	0.077					2.162	1.108	6:09	150	790	569	450	0.264	1.264	790	569						CLS C				
1793	Metal Loss	Int	4163.65	4169.4	18.38	20.53	38.91	1110	AGM 4	871.81	AGM 5	268.82	42.000	0.375	0.375	35000		20	0.073					0.456	0.566	7:09	150	803	578	450	0.260	1.285	803	578							Pitting			
1794	Metal Loss	Int	4164.29	4170.1	19.02	19.90	38.91	1110	AGM 4	872.44	AGM 5	268.19	42.000	0.375	0.375	35000		29	0.109					0.673	1.074	7:32	150	801	577	450	0.260	1.282	801	577							Pitting			
1795	Metal Loss	Int	4164.46	4170.3	19.19	19.72	38.91	1110	AGM 4	872.61	AGM 5	268.02	42.000	0.375	0.375	35000		21	0.080					0.703	0.746	6:01	150	802	577	450	0.260	1.283	801	577							Pitting			
1796	Metal Loss	Int	4164.59	4170.4	19.32	19.59	38.91	1110	AGM 4	872.74	AGM 5	267.89	42.000	0.375	0.375	35000		24	0.088					0.400	0.601	6:30	150	803	578	450	0.260	1.285	803	578							Pitting			
1797	Metal Loss	Int	4164.66	4170.5	19.39	19.52	38.91	1110	AGM 4	872.81	AGM 5	267.82	42.000	0.375	0.375	35000		25	0.092					0.562	0.667	7:31	150	802	578	450	0.260	1.284	802	577							Pitting			
1798	Cluster	Int	4164.79	4170.6	19.52	19.39	38.91	1110	AGM 4	872.95	AGM 5	267.68	42.000	0.375	0.375	35000		49	0.183					1.571	4.862	6:20	150	778	560	450	0.268	1.245	770	554						CLS C				
1799	Metal Loss	Int	4165.09	4170.9	19.82	19.10	38.91	1110	AGM 4	873.24	AGM 5	267.39	42.000	0.375	0.375	35000		15	0.057					0.525	0.687	6:08	150	803	578	450	0.260	1.285	803	578							Pitting			
1800	Metal Loss	Int	4165.10	4170.9	19.83	19.08	38.91	1110	AGM 4	873.26	AGM 5	267.37	42.000	0.375	0.375	35000		21	0.079					0.478	0.569	6:32	150	803	578	450	0.260	1.284	803	578							Pitting			
1801	Metal Loss	Int	4165.15	4171.0	19.88	19.03	38.91	1110	AGM 4	873.31	AGM 5	267.32	42.000	0.375	0.375	35000		28	0.106					0.893	1.447	7:32	150	800	576	450	0.260	1.279	799	575							Pitting			
1802	Metal Loss	Int	4165.30	4171.1	20.02	18.89	38.91	1110	AGM 4	873.45	AGM 5	267.18	42.000	0.375	0.375	35000		18	0.068					0.553	0.822	6:39	150	803	578	450	0.260	1.284	802	577							Pitting			
1803	Metal Loss	Int	4165.30	4171.1	20.03	18.89	38.91	1110	AGM 4	873.45	AGM 5	267.18	42.000	0.375	0.375	35000		19	0.070					0.479	0.554	4:23	150	803	578	450	0.260	1.285	803	578							Pitting			
1804	Metal Loss	Int	4165.40	4171.2	20.13	18.78	38.91	1110	AGM 4	873.55	AGM 5	267.08	42.000	0.375	0.375	35000		15	0.057					0.322	0.527	6:20	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1805	Cluster	Int	4165.42	4171.2	20.15	18.77	38.91	1110	AGM 4	873.57	AGM 5	267.06	42.000	0.375	0.375	35000		23	0.085					1.709	3.331	7:21	150	793	571	450	0.263	1.269	797	574						CLS C				
1806	Cluster	Int	4165.43	4171.2	20.16	18.75	38.91	1110	AGM 4	873.59	AGM 5	267.05	42.000	0.375	0.375	35000		21	0.077					1.932	2.158	5:31	150	792	570	450	0.263	1.268	796	573						CLS C				
1807	Metal Loss	Int	4165.74	4171.6	20.47	18.44	38.91	1110	AGM 4	873.89	AGM 5	266.74	42.000	0.375	0.375	35000		27	0.101					0.635	0.623	5:46	150	802	577	450	0.260	1.283	801	577							Pitting			
1808	Metal Loss	Int	4165.75	4171.6	20.48	18.43	38.91	1110	AGM 4	873.91	AGM 5	266.72	42.000	0.375	0.375	35000		41	0.153					0.699	0.654	6:10	150	800	576	450	0.260	1.279	798	575							Pitting			
1809	Metal Loss	Int	4165.96	4171.8	20.69	18.23	38.91	1110	AGM 4	874.11	AGM 5	266.52	42.000	0.375	0.375	35000		17	0.064					1.081	2.096	6:13	150	801	576	450	0.260	1.281	800	576							Pitting			
1810	Metal Loss	Int	4166.28	4172.1	21.01	17.90	38.91	1110	AGM 4	874.44	AGM 5	266.20	42.000	0.375	0.375	35000		17	0.064					0.854	1.222	6:20	150	802	577	450	0.260	1.283	801	577							Pitting			
1811	Metal Loss	Int	4166.35	4172.2	21.08	17.83	38.91	1110	AGM 4	874.51	AGM 5	266.12	42.000	0.375	0.375	35000		17	0.064					0.568	0.748	6:43	150	803	578	450	0.260	1.284	803	578							Pitting			
1812	Metal Loss	Int	4166.48	4172.3	21.20	17.71	38.91	1110	AGM 4	874.63	AGM 5	266.00	42.000	0.375	0.375	35000		21	0.079					0.950	0.784	6:16	150	801	576	450	0.260	1.281	800	576							Pitting			
1813	Metal Loss	Int	4166.85	4172.7	21.58	17.33	38.91	1110	AGM 4	875.01	AGM 5	265.62	42.000	0.375	0.375	35000		26	0.097					0.681	0.686	7:31	150	802	577	450	0.260	1.282	801	577							Pitting			
1814	Cluster	Int	4166.90	4172.8	21.63	17.28	38.91	1110	AGM 4	875.06	AGM 5	265.57	42.000	0.375	0.375	35000		29	0.110					0.701	2.881	6:15	150	801	577	450	0.260	1.282	800	576						CLS C				
1815	Metal Loss	Int	4167.15	4173.0	21.88	17.04	38.91	1110	AGM 4	875.30	AGM 5	265.33	42.000	0.375	0.375	35000		30	0.114					0.886	0.941	6:07	150	799	575	450	0.261	1.279	798	575							Pitting			
1816	Cluster	Int	4167.31	4173.2	22.04	16.88	38.91	1110	AGM 4	875.46	AGM 5	265.17	42.000	0.375	0.375	35000		25	0.092					1.152	1.650	7:30	150	798	575	450	0.261	1.277	798	575						CLS C				

Reported Feature Reference													Pipe Specification					Reported Feature Dimensions									Calculated Values								Classification		XYZ Information							
Feature Number (sequential order)	Pipeline Feature	INT/ EXT (ID/OD)	Odometer	Station Number	Distance to U/S weld	Distance to D/S weld	Joint Length	Defect Joint Number	Upstream (U/S) Reference Name	Upstream (U/S) Reference Distance from:	Downstream (D/S) Reference Name	Downstream (D/S) Reference Distance to:	Diameter	Nominal Wall Thickness	Measured Wall Thickness	Pipe Grade (SMYS)	Long Seam Orientation	Metal Loss Depth	Metal Loss Depth	Deformation Depth	Deformation Depth	Crack Depth	Crack Depth	Length	Width	Orientation	MOP	Modified B31.G Modified B31.G P_{BURST}	Modified B31.G Modified B31.G P_{SAFE}	Design Pressure (72% SMYS)	FRF MOP / P_{SAFE}	RPR P_{BURST} / 100% SMYS	Effective Area P_{BURST}	Effective Area P_{SAFE}	Group Number	Group Category	NAD 83 Latitude	NAD 83 Longitude	NAVD 88 Elevation	Comments	POF classification	Excavation/ Repair Required	SPLC Notes	Tool Type/ Technology
			(feet)	(feet)	(feet)	(feet)	(feet)			(feet)		(feet)	(inch)	(inch)	(inch)	(psi)		(%)	(inch)	(%)	(inch)	(%)	(inch)	(inch)	(inch)	(O'clock)	(psi)	(psi)	(psi)	(psi)			(psi)	(psi)					(feet)			Target/Yes/AGM		
1817	Metal Loss	Int	4167.44	4173.3	22.17	16.74	38.91	1110	AGM 4	875.59	AGM 5	265.04	42.000	0.375	0.375	35000		23	0.088					0.493	0.590	6:22	150	803	578	450	0.260	1.284	802	577							Pitting			
1818	Metal Loss	Int	4167.56	4173.4	22.28	16.63	38.91	1110	AGM 4	875.71	AGM 5	264.92	42.000	0.375	0.375	35000		21	0.078					0.576	0.615	5:43	150	802	578	450	0.260	1.284	802	577							Pitting			
1819	Cluster	Int	4167.74	4173.6	22.47	16.44	38.91	1110	AGM 4	875.89	AGM 5	264.74	42.000	0.375	0.375	35000		22	0.082					0.882	3.273	6:18	150	801	577	450	0.260	1.281	800	576						CLS C				
1820	Metal Loss	Int	4167.78	4173.6	22.51	16.40	38.91	1110	AGM 4	875.93	AGM 5	264.70	42.000	0.375	0.375	35000		23	0.085					0.686	0.664	5:36	150	802	577	450	0.260	1.283	801	577							Pitting			
1821	Metal Loss	Int	4168.45	4174.3	23.18	15.73	38.91	1110	AGM 4	876.61	AGM 5	264.03	42.000	0.375	0.375	35000		23	0.085					0.686	0.672	5:36	150	802	577	450	0.260	1.283	801	577							Pitting			
1822	Metal Loss	Int	4168.47	4174.3	23.20	15.72	38.91	1110	AGM 4	876.62	AGM 5	264.01	42.000	0.375	0.375	35000		16	0.060					0.426	0.552	4:33	150	803	578	450	0.260	1.285	803	578							Pitting			
1823	Metal Loss	Int	4168.69	4174.6	23.42	15.49	38.91	1110	AGM 4	876.85	AGM 5	263.78	42.000	0.375	0.375	35000		16	0.059					0.923	0.885	5:35	150	802	577	450	0.260	1.282	801	577							Pitting			
1824	Metal Loss	Int	4168.99	4174.9	23.72	15.19	38.91	1110	AGM 4	877.14	AGM 5	263.49	42.000	0.375	0.375	35000		22	0.083					0.743	0.724	7:11	150	802	577	450	0.260	1.283	801	577							Pitting			
1825	Metal Loss	Int	4169.06	4175.0	23.79	15.13	38.91	1110	AGM 4	877.21	AGM 5	263.42	42.000	0.375	0.375	35000		22	0.081					0.385	0.556	6:17	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1826	Cluster	Int	4169.38	4175.3	24.11	14.80	38.91	1110	AGM 4	877.53	AGM 5	263.10	42.000	0.375	0.375	35000		34	0.128					2.867	1.614	6:13	150	763	549	450	0.273	1.220	780	562						CLS C				
1827	Metal Loss	Int	4169.58	4175.5	24.31	14.61	38.91	1110	AGM 4	877.73	AGM 5	262.90	42.000	0.375	0.375	35000		17	0.064					0.910	1.184	5:35	150	801	577	450	0.260	1.282	801	577							Pitting			
1828	Metal Loss	Int	4169.80	4175.7	24.53	14.38	38.91	1110	AGM 4	877.95	AGM 5	262.68	42.000	0.375	0.375	35000		25	0.095					1.368	1.074	5:36	150	796	573	450	0.262	1.273	794	572							Pitting			
1829	Metal Loss	Int	4169.88	4175.8	24.61	14.31	38.91	1110	AGM 4	878.03	AGM 5	262.60	42.000	0.375	0.375	35000		25	0.094					0.529	0.617	6:21	150	802	578	450	0.260	1.284	802	577							Pitting			
1830	Metal Loss	Int	4170.28	4176.2	25.01	13.90	38.91	1110	AGM 4	878.44	AGM 5	262.19	42.000	0.375	0.375	35000		27	0.102					0.976	0.718	5:33	150	799	575	450	0.261	1.279	798	575							Pitting			
1831	Cluster	Int	4170.33	4176.3	25.06	13.85	38.91	1110	AGM 4	878.49	AGM 5	262.14	42.000	0.375	0.375	35000		23	0.088					1.461	2.626	6:17	150	796	573	450	0.262	1.273	798	575						CLS C				
1832	Metal Loss	Int	4170.54	4176.5	25.27	13.64	38.91	1110	AGM 4	878.69	AGM 5	261.94	42.000	0.375	0.375	35000		25	0.095					0.806	1.074	6:12	150	801	577	450	0.260	1.281	800	576							Pitting			
1833	Metal Loss	Int	4170.97	4176.9	25.70	13.21	38.91	1110	AGM 4	879.12	AGM 5	261.51	42.000	0.375	0.375	35000		16	0.059					0.382	0.543	6:27	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1834	Metal Loss	Int	4171.12	4177.1	25.85	13.06	38.91	1110	AGM 4	879.28	AGM 5	261.35	42.000	0.375	0.375	35000		22	0.082					0.748	0.776	6:28	150	802	577	450	0.260	1.282	801	577							Pitting			
1835	Metal Loss	Int	4171.33	4177.3	26.06	12.85	38.91	1110	AGM 4	879.49	AGM 5	261.14	42.000	0.375	0.375	35000		18	0.069					0.725	0.849	6:16	150	802	577	450	0.260	1.283	802	577							Pitting			
1836	Metal Loss	Int	4171.51	4177.5	26.24	12.67	38.91	1110	AGM 4	879.67	AGM 5	260.96	42.000	0.375	0.375	35000		18	0.069					0.435	0.556	6:17	150	803	578	450	0.260	1.285	803	578							Pitting			
1837	Metal Loss	Int	4171.63	4177.6	26.36	12.55	38.91	1110	AGM 4	879.78	AGM 5	260.85	42.000	0.375	0.375	35000		31	0.115					0.704	0.681	5:54	150	801	577	450	0.260	1.281	800	576							Pitting			
1838	Metal Loss	Int	4171.66	4177.6	26.39	12.52	38.91	1110	AGM 4	879.81	AGM 5	260.82	42.000	0.375	0.375	35000		21	0.078					0.850	0.901	6:18	150	801	577	450	0.260	1.282	801	577							Pitting			
1839	Cluster	Int	4171.92	4177.9	26.65	12.26	38.91	1110	AGM 4	880.07	AGM 5	260.56	42.000	0.375	0.375	35000		35	0.132					0.952	3.529	6:18	150	798	574	450	0.261	1.276	796	573						CLS C				
1840	Metal Loss	Int	4172.47	4178.4	27.20	11.71	38.91	1110	AGM 4	880.62	AGM 5	260.01	42.000	0.375	0.375	35000		22	0.083					0.498	0.731	6:18	150	803	578	450	0.260	1.284	802	577							Pitting			
1841	Metal Loss	Int	4172.65	4178.6	27.38	11.53	38.91	1110	AGM 4	880.80	AGM 5	259.83	42.000	0.375	0.375	35000		30	0.111					0.428	0.549	7:27	150	803	578	450	0.260	1.284	802	577							Pitting			
1842	Cluster	Int	4172.66	4178.6	27.39	11.52	38.91	1110	AGM 4	880.81	AGM 5	259.82	42.000	0.375	0.375	35000		28	0.105					1.175	1.982	6:18	150	797	574	450	0.261	1.275	796	573						CLS C				
1843	Metal Loss	Int	4173.21	4179.2	27.94	10.97	38.91	1110	AGM 4	881.36	AGM 5	259.27	42.000	0.375	0.375	35000		31	0.118					0.843	0.721	6:10	150	800	576	450	0.260	1.279	798	575							Pitting			
1844	Cluster	Int	4173.35	4179.3	28.08	10.83	38.91	1110	AGM 4	881.50	AGM 5	259.13	42.000	0.375	0.375	35000		25	0.094					2.104	3.988	6:33	150	787	567	450	0.265	1.259	792	570						CLS C				
1845	Metal Loss	Int	4173.64	4179.6	28.36	10.55	38.91	1110	AGM 4	881.79	AGM 5	258.84	42.000	0.375	0.375	35000		28	0.104					0.500	0.581	7:50	150	802	578	450	0.260	1.284	802	577							Pitting			
1846	Cluster	Int	4173.66	4179.7	28.39	10.52	38.91	1110	AGM 4	881.82	AGM 5	258.81	42.000	0.375	0.375	35000		34	0.129					1.390	3.097	6:25	150	792	570	450	0.263	1.267	792	570						CLS C				
1847	Metal Loss	Int	4174.06	4180.1	28.79	10.12	38.91	1110	AGM 4	882.22	AGM 5	258.42	42.000	0.375	0.375	35000		20	0.076					0.576	0.745	6:21	150	802	578	450	0.260	1.284	802	577							Pitting			
1848	Metal Loss	Int	4174.11	4180.1	28.84	10.08	38.91	1110	AGM 4	882.26	AGM 5	258.37	42.000	0.375	0.375	35000		29	0.110					0.826	1.177	5:41	150	800	576	450	0.260	1.280	799	575							Pitting			
1849	Metal Loss	Int	4174.35	4180.4	29.08	9.83	38.91	1110	AGM 4	882.50	AGM 5	258.13	42.000	0.375	0.375	35000		23	0.088					0.794	0.822	6:19	150	801	577	450	0.260	1.282	801	577							Pitting			
1850	Metal Loss	Int	4174.47	4180.5	29.20	9.71	38.91	1110	AGM 4	882.62	AGM 5	258.01	42.000	0.375	0.375	35000		39	0.148					0.707	1.094	5:39	150	800	576	450	0.260	1.279	798	575							Pitting			
1851	Metal Loss	Int	4174.65	4180.7	29.38	9.53	38.91	1110	AGM 4	882.81	AGM 5	257.83	42.000	0.375	0.375	35000		34	0.128					0.747	1.062	5:40	150	800	576	450	0.260	1.280	799	575							Pitting			
1852	Metal Loss	Int	4174.84	4180.9	29.57	9.34	38.91	1110	AGM 4	882.99	AGM 5	257.64	42.000	0.375	0.375	35000		17	0.065					0.592	0.607	6:44	150	803	578	450	0.260	1.284	802	577							Pitting			
1853	Metal Loss	Int	4174.90	4180.9	29.63	9.28	38.91	1110	AGM 4	883.06	AGM 5	257.58	42.000	0.375	0.375	35000		17	0.062					0.730	0.752	5:43	150	802	578	450	0.260	1.284	802	577							Pitting			
1854	Metal Loss	Int	4175.05	4181.1	29.77	9.14	38.91	1110	AGM 4	883.20	AGM 5	257.43	42.000	0.375	0.375	35000		33	0.123					0.675	0.637	5:37	150	801	577	450	0.260	1.281	800	576							Pitting			
1855	Metal Loss	Int	4175.23	4181.3	29.96	8.95	38.91	1110	AGM 4	883.38	AGM 5	257.25	42.000	0.375	0.375	35000		23	0.086					0.451	0.600	7:17	150	803	578	450	0.260	1.284	803	578							Pitting			
1856	Metal Loss	Int	4175.41	4181.4	30.14	8.77	38.91	1110	AGM 4	883.57	AGM 5	257.07	42.000	0.375	0.375	35000		31	0.115					0.897	1.137	5:44	150	799	575	450	0.261	1.279	798	575							Pitting			
1857	Metal Loss	Int	4175.61	4181.6	30.34	8.57	38.91	1110	AGM 4	883.76	AGM 5	256.87	42.000	0.375	0.375	35000		16	0.060					0.807	0.671	6:36	150	802	577	450	0.260	1.283	802	577							Pitting			
1858	Cluster	Int	4175.74	4181.8	30.47	8.45	38.91	1110	AGM 4	883.89	AGM 5	256.74	42.000	0.375	0.375	35000		22	0.083					1.317	3.826	5:34	150	797	574	450	0.261	1.276	798	575						CLS C				
1859	Metal Loss	Int	4175.77	4181.8	30.50	8.41	38.91	1110	AGM 4	883.93	AGM 5	256.70	42.000	0.375	0.375	35000		36	0.134					0.913	0.889	6:29	150	798	575	450	0.261	1.277	796	573							Pitting			
1860	Metal Loss	Int	4175.78	4181.8	30.51	8.40	38.91	1110	AGM 4	883.93	AGM 5	256.70	42.000	0.375	0.375	35000		30	0.112					0.662	0.790	7:35	150	801	577	450	0.260	1.282	801	577							Pitting			
1861	Metal Loss	Int	4176.03	4182.1	30.76	8.15	38.91	1110	AGM 4	884.18	AGM 5	256.45	42.000	0.375	0.375	35000		19	0.072					0.668	0.634	5:37	150	802	578	450	0.260	1.284	802	577							Pitting			
1862	Cluster	Int	4176.13	4182.2	30.86	8.05	38.91	1110	AGM 4	884.29	AGM 5	256.35	42.000	0.375	0.375	35000		23	0.087					1.991	5.545	6:30	150	790	569	450	0.264	1.264	795	572						CLS C				
1863	Metal Loss	Int	4176.32	4182.4	31.05	7.86	38.91	1110	AGM 4	884.47	AGM 5	256.16	42.000	0.375	0.375	35000		45	0.167					1.481	2.075	6:08	150	784	564	450	0.266	1.254	778	560							General Metal-loss			
1864	Metal Loss	Int	4176.34	4182.4	31.07	7.84	38.91	1110	AGM 4	884.49	AGM 5	256.14	42.000	0.375	0.375	35000		24	0.091					0.738	0.601	6:33	150	801	577	450	0.260	1.282	801	577							Pitting			
1865	Metal Loss	Int	4176.51	4182.6	31.24	7.67	38.91	1110	AGM 4	884.66	AGM 5	255.97	42.000	0.375	0.375	35000		19	0.071					0.525	0.625	5:30	150	803	578	450	0.260	1.284	803	578							Pitting			
1866	Metal Loss	Int	4176.75	4182.8	31.48	7.44	38.91	1110	AGM 4	884.90	AGM 5	255.73	42.000	0.375	0.375	35000		21	0.078					0.850	1.003	7:39	150	801	577	450	0.260	1.282	801	577							Pitting			
1867	Metal Loss	Int	4176.77	4182.8	31.50	7.42	38.91	1110	AGM 4	884.92	AGM 5	255.71	42.000	0.375	0.375	35000		29	0.111					0.964	1.475	6:04	150	799	575	450	0.261	1.278	798	575							Pitting			
1868	Metal Loss	Int	4176.77	4182.8	31.50	7.41	38.91	1110	AGM 4	884.92	AGM 5	255.71	42.000	0.375	0.375	35000		20	0.077					0.681	0.800	5:45	150	802	577	450	0.260	1.283	802	577							Pitting			
1869	Metal Loss	Int	4177.13	4183.2	31.86	7.05	38.91	1110	AGM 4	885.29	AGM 5	255.35	42.000	0.375	0.375	35000		26	0.099					0.579	0.659	7:26	150	802	577	450	0.260	1.283	802	577							Pitting			
1870	Metal Loss	Int	4177.14	4183.2	31.87	7.04	38.91	1110	AGM 4	885.30	AGM 5	255.33	42.000	0.375	0.375	35000		16	0.062					0.529	0.660	6:29	150	803	578	450	0.260	1.285	803	578							Pitting			
1871	Metal Loss	Int	4177.15	4183.2	31.88	7.04	38.91	1110	AGM 4	885.30	AGM 5	255.33	42.000	0.375	0.375	35000		22	0.084					0.578	0.775	5:39	150	802	578	450	0.260	1.284	802	577							Pitting			
1872	Metal Loss	Int	4177.18	4183.3	31.91	7.00	38.91	1110	AGM 4	885.34	AGM 5	255.29	42.000	0.375	0.375	35000		20	0.076					0.687	0.713	4:51	150	802	577	450	0.260	1.283	802	577							Pitting			
1873	Metal Loss	Int	4177.30	4183.4	32.02	6.89	38.91	1110	AGM 4	885.45	AGM 5	255.18	42.000	0.375	0.375	35000		16	0.059					0.366	0.625	7:27	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1874	Cluster	Int	4177.37	4183.4	32.10	6.81	38.91	1110	AGM 4	885.52	AGM 5	255.11	42.000	0.375	0.375	35000		26	0.097					1.299	2.840	5:32	150	796	573	450	0.262	1.274	796	573						CLS C				
1875	Metal Loss	Int	4177.38	4183.5	32.11	6.80	38.91	1110	AGM 4	885.54	AGM 5	255.10	42.000	0.375	0.375	35000		21	0.080					0.660	0.571	6:24	150	802	577	450	0.260	1.283	802	577							Pitting			
1876	Metal Loss	Int	4177.53	4183.6	32.26	6.65	38.91	1110	AGM 4	885.68	AGM 5	254.95	42.000	0.375	0.375	35000		21	0.079					0.652	0.612	6:32	150	802	578	450	0.260	1.283	802	577							Pitting			
1877	Cluster	Int	4178.13	4184.2	32.86	6.05	38.91	1110	AGM 4	886.29	AGM 5	254.35	42.000	0.375	0.375	35000		25	0.094					2.407	1.511	5:40	150	783	564	450	0.266	1.252	791	570						CLS C				
1878	Metal Loss	Int	4178.38	4184.5	33.11	5.80	38.91	1110	AGM 4	886.54	AGM 5	254.10	42.000	0.375	0.375	35000		22	0.083					0.606	0.591	6:57	150	802	578	450	0.260	1.284	802	577							Pitting			
1879	Metal Loss	Int	4178.39	4184.5	33.12	5.80	38.91	1110	AGM 4	886.54	AGM 5	254.09	42.000	0.375	0.375	35000		21	0.078					0.513	0.730	6:29	150	803	578	450	0.260	1.284	802	577							Pitting			
1880	Metal Loss	Int	4178.39	4184.5	33.12	5.79	38.91	1110	AGM 4	886.54	AGM 5	254.09	42.000	0.375	0.375	35000		33	0.125					0.975	1.405	7:45	150	798	574	450	0.261	1.276	796	573							Pitting			
1881	Metal Loss	Int	4178.43	4184.5	33.16	5.75	38.91	1110	AGM 4	886.58	AGM 5	254.05	42.000	0.375	0.375	35000		38	0.143					0.991	1.184	5:42	150	796	573	450	0.262	1.274	794	572							Pitting			
1882	Metal Loss	Int	4178.59	4184.7	33.32	5.59	38.91	1110	AGM 4	886.74	AGM 5	253.89	42.000	0.375	0.375	35000		18	0.067					0.620	0.864	6:41	150	802	578	450	0.260	1.284	802	577							Pitting			
1883	Metal Loss	Int	4178.90	4185.0	33.63	5.28	38.91	1110	AGM 4	887.05	AGM 5	253.58	42.000	0.375	0.375	35000		26	0.098					0.997	1.446	6:07	150	799	575	450	0.261	1.279	798	575							Pitting			
1884	Metal Loss	Int	4178.91	4185.0	33.64	5.27	38.91	1110	AGM 4	887.06	AGM 5	253.57	42.000	0.375	0.375	35000		22	0.082					0.615	0.797	5:41	150	802	578	450	0.260	1.284	802	577							Pitting			
1885	Metal Loss	Int	4178.98	4185.1	33.71	5.20	38.91	1110	AGM 4	887.13	AGM 5	253.50	42.000	0.375	0.375	35000		17	0.064					0.575	0.595	6:33	150	803	578	450	0.260	1.284	802	577							Pitting			
1886	Cluster	Int	4179.18	4185.3	33.91	5.01	38.91	1110	AGM 4	887.33	AGM 5	253.30	42.000	0.375	0.375	35000		20	0.076					1.782	1.857	5:42	150	794	572	450	0.262	1.270	798	575						CLS C				
1887	Metal Loss	Int	4179.23	4185.3	33.96	4.95	38.91	1110	AGM 4	887.39	AGM 5	253.25	42.000	0.375	0.375	35000		15	0.056					0.484	0.581	7:12	150	803	578	450	0.260	1.285	803	578							Pitting			
1888	Metal Loss	Int	4179.90	4186.0	34.63	4.28	38.91	1110	AGM 4	888.05	AGM 5	252.58	42.000	0.375	0.375	35000		28	0.104					0.712	0.846	5:39	150	801	577	450	0.260	1.282	801	577							Pitting			
1889	Cluster	Int	4180.03	4186.2	34.76	4.16	38.91	1110	AGM 4	888.18	AGM 5	252.45	42.000	0.375	0.375	35000		22	0.083					2.918	5.062	6:30	150	779	561	450	0.267	1.246	787	567						CLS C				
1890	Cluster	Int	4180.39	4186.5	35.12	3.79	38.91	1110	AGM 4	888.54	AGM 5	252.09	42.000	0.375	0.375	35000		48	0.179					1.984	4.941	6:26	150	767	552	450	0.272	1.227	769	554						CLS C				
1891	Metal Loss	Int	4180.53	4186.7	35.26	3.65	38.91	1110	AGM 4	888.69	AGM 5	251.94	42.000	0.375	0.375	35000		20	0.073					0.418	0.574	7:00	150	803	578	450	0.260	1.285	803	578							Pitting			
1892	Metal Loss	Int	4180.71	4186.9	35.44	3.47	38.91	1110	AGM 4	888.86	AGM 5	251.77	42.000	0.375	0.375	35000		25	0.095					0.595	0.620	7:11	150	802	577	450	0.260	1.283	802	577							Pitting			
1893	Cluster	Int	4180.82	4187.0	35.55	3.36	38.91	1110	AGM 4	888.97	AGM 5	251.66	42.000	0.375	0.375	35000		27	0.100					1.940	3.807	6:23	150	788	567	450	0.265	1.261	790	569						CLS C				
1894	Metal Loss	Int	4181.03	4187.2	35.76	3.15	38.91	1110	AGM 4	889.19	AGM 5	251.44	42.000	0.375	0.375	35000		42	0.158					0.797	0.665	7:10	150	798	575	450	0.261	1.277	796	573							Pitting			
1895	Cluster	Int	4181.13	4187.3	35.86	3.06	38.91	1110	AGM 4	889.28	AGM 5	251.35	42.000	0.375	0.375	35000		18	0.069					1.398	2.653	6:11	150	798	575	450	0.261	1.277	799	575						CLS C				
1896	Metal Loss	Int	4181.20	4187.4	35.93	2.99	38.91	1110	AGM 4	889.35	AGM 5	251.28	42.000	0.375	0.375	35000		17	0.065					0.435	0.561	6:33	150	803	578	450	0.260	1.285	803	578							Pitting			
1897	Metal Loss	Int	4181.37	4187.5	36.10	2.81	38.91	1110	AGM 4	889.53	AGM 5	251.11	42.000	0.375	0.375	35000		19	0.070					0.719	0.892	6:14	150	802	577	450	0.260	1.283	802	577							Pitting			
1898	Metal Loss	Int	4181.43	4187.6	36.16	2.75	38.91	1110	AGM 4	889.58	AGM 5	251.05	42.000	0.375	0.375	35000		41	0.152					0.696	0.627	7:11	150	800	576	450	0.260	1.279	798	575							Pitting			
1899	Metal Loss	Int	4181.54	4187.7	36.27	2.64	38.91	1110	AGM 4	889.69	AGM 5	250.94	42.000	0.375	0.375	35000		19	0.071					0.619	1.082	5:36	150	802	578	450	0.260	1.284	802	577							Pitting			
1900	Cluster	Int	4181.67	4187.8	36.40	2.52	38.91	1110	AGM 4	889.82	AGM 5	250.81	42.000	0.375	0.375	35000		23	0.088					2.624	2.927	6:29	150	782	563	450	0.266	1.250	789	568						CLS C				
1901	Cluster	Int	4181.72	4187.9	36.44	2.47	38.91	1110	AGM 4	889.87	AGM 5	250.76	42.000	0.375	0.375	35000		19	0.071					1.580	1.190	5:41	150	796	573	450	0.262	1.274	798	575						CLS C				
1902	Metal Loss	Int	4182.03	4188.2	36.76	2.15	38.91	1110	AGM 4	890.18	AGM 5	250.45	42.000	0.375	0.375	35000		27	0.100					0.661	0.880	5:44	150	802	577	450	0.260	1.282	801	577							Pitting			
1903	Cluster	Int	4182.16	4188.3	36.89	2.02	38.91	1110	AGM 4	890.32	AGM 5	250.32	42.000	0.375	0.375	35000		37	0.140					4.336	4.698	6:24	150	722	520	450	0.288	1.156	758	546						CLS C				
1904	Metal Loss	Int	4182.25	4188.4	36.98	1.93	38.91	1110	AGM 4	890.40	AGM 5	250.23	42.000	0.375	0.375	35000		20	0.074					0.612	0.599	5:40	150	802	578	450	0.260	1.284	802	577							Pitting			
1905	Metal Loss	Int	4182.49	4188.7	37.21	1.70	38.91	1110	AGM 4	890.64	AGM 5	249.99	42.000	0.375	0.375	35000		36	0.135					0.737	0.626	7:12	150	800	576	450	0.260	1.280	799	575							Pitting			
1906	Metal Loss	Int	4182.64	4188.8	37.37	1.54	38.91	1110	AGM 4	890.79	AGM 5	249.84	42.000	0.375	0.375	35000		19	0.073					0.749	0.645	5:29	150	802	577	450	0.260	1.283	801	577							Pitting			
1907	Metal Loss	Int	4182.70	4188.9	37.43	1.48	38.91	1110	AGM 4	890.85	AGM 5	249.78	42.000	0.375	0.375	35000		25	0.095					0.890	1.026	6:34	150	800	576	450	0.260	1.280	799	575							Pitting			
1908	Metal Loss	Int	4182.78	4189.0	37.51	1.41	38.91	1110	AGM 4	890.93	AGM 5	249.70	42.000	0.375	0.375	35000		33	0.122					0.450	0.562	5:56	150	802	578	450	0.260	1.284	802	577							Pitting			
1909	Metal Loss	Int	4182.99	4189.2	37.72	1.19	38.91	1110	AGM 4	891.15	AGM 5	249.48	42.000	0.375	0.375	35000		26	0.096					0.756	0.874	5:40	150	801	577	450	0.260	1.282	800	576							Pitting			
1910	Metal Loss	Int	4183.20	4189.4	37.93	0.99	38.91	1110	AGM 4	891.35	AGM 5	249.28	42.000	0.375	0.375	35000		52	0.196					1.201	1.893	6:13	150	786	566	450	0.265	1.258	780	562							General Metal-loss			
1911	Metal Loss	Int	4183.24	4189.4	37.97	0.94	38.91	1110	AGM 4	891.40	AGM 5	249.23	42.000	0.375	0.375	35000		17	0.064					0.374	0.539	5:39	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1912	Metal Loss	Int	4183.40	4189.6	38.13	0.79	38.91	1110	AGM 4	891.55	AGM 5	249.08	42.000	0.375	0.375	35000		28	0.105					0.625	1.683	5:37	150	802	577	450	0.260	1.283	801	577							Circumferential Grooving			
1913	Metal Loss	Int	4183.54	4189.7	38.27	0.64	38.91	1110	AGM 4	891.69	AGM 5	248.94	42.000	0.375	0.375	35000		18	0.069					0.732	1.025	6:27	150	802	577	450	0.260	1.283	802	577							Pitting			
1914	Metal Loss	Int	4183.58	4189.8	38.31	0.60	38.91	1110	AGM 4	891.74	AGM 5	248.90	42.000	0.375	0.375	35000		16	0.059					0.315	0.538	7:49	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1915	Metal Loss	Int	4183.72	4189.9	38.45	0.46	38.91	1110	AGM 4	891.87	AGM 5	248.76	42.000	0.375	0.375	35000		32	0.119					0.721	0.621	7:13	150	801	576	450	0.260	1.281	800	576							Pitting			
1916	Metal Loss	Int	4183.79	4190.0	38.52	0.40	38.91	1110	AGM 4	891.94	AGM 5	248.69	42.000	0.375	0.375	35000		28	0.104					0.671	0.817	6:55	150	801	577	450	0.260	1.282	801	577							Pitting			
1917	Metal Loss	Int	4183.83	4190.0	38.56	0.35	38.91	1110	AGM 4	891.98	AGM 5	248.65	42.000	0.375	0.375	35000		18	0.066					0.612	0.625	6:33	150	803	578	450	0.260	1.284	802	577							Pitting			
1918	Metal Loss	Int	4184.15	4190.4	38.87	0.04	38.91	1110	AGM 4	892.30	AGM 5	248.33	42.000	0.375	0.375	35000		23	0.085					0.330	0.560	7:12	150	803	578	450	0.260	1.285	803	578						On GWD	Circumferential Slotting			
1919	Metal Loss	Int	4184.15	4190.4	38.88	0.03	38.91	1110	AGM 4	892.30	AGM 5	248.33	42.000	0.375	0.375	35000		25	0.094					0.540	0.799	5:37	150	802	578	450	0.260	1.284	802	577						On GWD	Pitting			
1920	Metal Loss	Int	4184.18	4190.4	38.91	0.00	38.91	1110	AGM 4	892.33	AGM 5	248.30	42.000	0.375	0.375	35000		41	0.155					0.988	4.448	6:21	150	795	573	450	0.262	1.273	793	571						On GWD	Circumferential Grooving			
1921	Girth Weld		4184.18	4190.4	38.91	40.94	40.94	1120	AGM 4	892.34	AGM 5	248.30	42.000	0.375	0.375	35000											150																	
1922	Metal Loss	Int	4184.58	4190.8	0.40	40.55	40.94	1120	AGM 4	892.73	AGM 5	247.90	42.000	0.375	0.375	35000		15	0.057					0.315	0.527	6:57	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1923	Metal Loss	Int	4185.10	4191.3	0.92	40.02	40.94	1120	AGM 4	893.26	AGM 5	247.37	42.000	0.375	0.375	35000		15	0.058					0.521	0.578	7:15	150	803	578	450	0.260	1.285	803	578							Pitting			
1924	Metal Loss	Int	4185.13	4191.4	0.95	40.00	40.94	1120	AGM 4	893.28	AGM 5	247.35	42.000	0.375	0.375	35000		54	0.204					1.193	1.072	4:31	150	785	565	450	0.265	1.256	778	560							Pitting			
1925	Cluster	Int	4185.22	4191.5	1.04	39.90	40.94	1120	AGM 4	893.38	AGM 5	247.25	42.000	0.375	0.375	35000		17	0.065					1.819	0.811	5:32	150	795	573	450	0.262	1.273	799	575						CLS C				
1926	Metal Loss	Int	4185.30	4191.5	1.11	39.83	40.94	1120	AGM 4	893.45	AGM 5	247.18	42.000	0.375	0.375	35000		28	0.104					0.783	1.016	6:29	150	801	576	450	0.260	1.281	800	576							Pitting			
1927	Metal Loss	Int	4185.48	4191.7	1.30	39.64	40.94	1120	AGM 4	893.64	AGM 5	247.00	42.000	0.375	0.375	35000		22	0.083					0.586	0.620	7:15	150	802	578	450	0.260	1.284	802	577							Pitting			
1928	Cluster	Int	4185.64	4191.9	1.45	39.49	40.94	1120	AGM 4	893.79	AGM 5	246.84	42.000	0.375	0.375	35000		27	0.101					1.473	1.981	6:25	150	794	572	450	0.262	1.270	796	573						CLS C				
1929	Cluster	Int	4185.73	4192.0	1.54	39.40	40.94	1120	AGM 4	893.88	AGM 5	246.75	42.000	0.375	0.375	35000		24	0.090					2.068	1.360	5:29	150	788	568	450	0.264	1.261	795	572						CLS C				
1930	Metal Loss	Int	4186.00	4192.3	1.82	39.12	40.94	1120	AGM 4	894.16	AGM 5	246.48	42.000	0.375	0.375	35000		21	0.081					0.689	0.594	6:30	150	802	577	450	0.260	1.283	802	577							Pitting			
1931	Metal Loss	Int	4186.26	4192.5	2.08	38.87	40.94	1120	AGM 4	894.41	AGM 5	246.22	42.000	0.375	0.375	35000		18	0.066					0.400	0.596	5:38	150	803	578	450	0.260	1.285	803	578							Pitting			
1932	Metal Loss	Int	4186.55	4192.8	2.37	38.57	40.94	1120	AGM 4	894.71	AGM 5	245.92	42.000	0.375	0.375	35000		19	0.070					0.596	0.732	6:32	150	803	578	450	0.260	1.284	802	577							Pitting			
1933	Metal Loss	Int	4186.67	4192.9	2.49	38.46	40.94	1120	AGM 4	894.82	AGM 5	245.81	42.000	0.375	0.375	35000		21	0.077					0.494	0.572	4:49	150	803	578	450	0.260	1.284	803	578							Pitting			
1934	Metal Loss	Int	4186.68	4192.9	2.49	38.45	40.94	1120	AGM 4	894.83	AGM 5	245.80	42.000	0.375	0.375	35000		35	0.131					0.993	0.992	7:15	150	797	574	450	0.261	1.275	795	572							Pitting			
1935	Metal Loss	Int	4186.82	4193.1	2.64	38.30	40.94	1120	AGM 4	894.98	AGM 5	245.65	42.000	0.375	0.375	35000		32	0.121					0.525	0.646	5:35	150	802	577	450	0.260	1.283	801	577							Pitting			
1936	Metal Loss	Int	4186.97	4193.3	2.79	38.15	40.94	1120	AGM 4	895.13	AGM 5	245.50	42.000	0.375	0.375	35000		15	0.057					0.389	0.545	7:11	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1937	Metal Loss	Int	4187.03	4193.3	2.84	38.10	40.94	1120	AGM 4	895.18	AGM 5	245.45	42.000	0.375	0.375	35000		24	0.092					0.735	0.809	6:26	150	801	577	450	0.260	1.282	801	577							Pitting			
1938	Metal Loss	Int	4187.10	4193.4	2.92	38.02	40.94	1120	AGM 4	895.26	AGM 5	245.37	42.000	0.375	0.375	35000		47	0.178					0.608	0.559	7:16	150	800	576	450	0.260	1.279	798	575							Pitting			
1939	Metal Loss	Int	4187.25	4193.5	3.07	37.87	40.94	1120	AGM 4	895.40	AGM 5	245.23	42.000	0.375	0.375	35000		23	0.086					0.590	0.656	6:26	150	802	578	450	0.260	1.284	802	577							Pitting			
1940	Metal Loss	Int	4187.27	4193.6	3.09	37.85	40.94	1120	AGM 4	895.42	AGM 5	245.21	42.000	0.375	0.375	35000		22	0.083					0.481	0.710	6:56	150	803	578	450	0.260	1.284	803	578							Pitting			
1941	Metal Loss	Int	4187.63	4193.9	3.45	37.50	40.94	1120	AGM 4	895.78	AGM 5	244.85	42.000	0.375	0.375	35000		16	0.062					0.486	0.582	6:02	150	803	578	450	0.260	1.285	803	578							Pitting			
1942	Metal Loss	Int	4187.70	4194.0	3.51	37.43	40.94	1120	AGM 4	895.85	AGM 5	244.78	42.000	0.375	0.375	35000		31	0.118					0.917	0.795	7:11	150	799	575	450	0.261	1.278	798	575							Pitting			
1943	Metal Loss	Int	4187.81	4194.1	3.62	37.32	40.94	1120	AGM 4	895.96	AGM 5	244.67	42.000	0.375	0.375	35000		26	0.098					0.689	0.729	6:25	150	801	577	450	0.260	1.282	801	577							Pitting			
1944	Metal Loss	Int	4187.89	4194.2	3.71	37.24	40.94	1120	AGM 4	896.04	AGM 5	244.59	42.000	0.375	0.375	35000		35	0.132					1.117	1.850	5:40	150	795	573	450	0.262	1.273	793	571							Pitting			
1945	Metal Loss	Int	4187.95	4194.2	3.77	37.18	40.94	1120	AGM 4	896.10	AGM 5	244.53	42.000	0.375	0.375	35000		35	0.130					0.548	0.549	7:13	150	802	577	450	0.260	1.283	801	577							Pitting			
1946	Cluster	Int	4188.02	4194.3	3.84	37.11	40.94	1120	AGM 4	896.17	AGM 5	244.46	42.000	0.375	0.375	35000		26	0.097					0.786	2.249	6:23	150	801	577	450	0.260	1.281	800	576						CLS C				
1947	Metal Loss	Int	4188.17	4194.5	3.99	36.96	40.94	1120	AGM 4	896.32	AGM 5	244.31	42.000	0.375	0.375	35000		23	0.087					0.565	0.582	6:26	150	802	578	450	0.260	1.284	802	577							Pitting			
1948	Metal Loss	Int	4188.17	4194.5	3.99	36.95	40.94	1120	AGM 4	896.33	AGM 5	244.30	42.000	0.375	0.375	35000		17	0.065					0.572	0.590	7:12	150	803	578	450	0.260	1.284	802	577							Pitting			
1949	Metal Loss	Int	4188.30	4194.6	4.12	36.83	40.94	1120	AGM 4	896.45	AGM 5	244.18	42.000	0.375	0.375	35000		17	0.063					0.498	0.574	5:34	150	803	578	450	0.260	1.285	803	578							Pitting			
1950	Cluster	Int	4188.35	4194.7	4.17	36.78	40.94	1120	AGM 4	896.50	AGM 5	244.13	42.000	0.375	0.375	35000		31	0.118					1.235	2.952	6:15	150	795	573	450	0.262	1.272	796	573						CLS C				
1951	Metal Loss	Int	4188.62	4194.9	4.44	36.50	40.94	1120	AGM 4	896.78	AGM 5	243.85	42.000	0.375	0.375	35000		21	0.081					0.838	1.722	7:10	150	801	577	450	0.260	1.282	801	577							Circumferential Grooving			
1952	Cluster	Int	4188.77	4195.1	4.59	36.36	40.94	1120	AGM 4	896.92	AGM 5	243.71	42.000	0.375	0.375	35000		21	0.080					0.914	2.380	6:31	150	801	577	450	0.260	1.281	801	577						CLS C				
1953	Metal Loss	Int	4188.86	4195.2	4.68	36.26	40.94	1120	AGM 4	897.02	AGM 5	243.61	42.000	0.375	0.375	35000		18	0.066					0.586	0.643	5:37	150	803	578	450	0.260	1.284	802	577							Pitting			
1954	Metal Loss	Int	4189.17	4195.5	4.99	35.95	40.94	1120	AGM 4	897.33	AGM 5	243.30	42.000	0.375	0.375	35000		15	0.058					0.579	0.799	7:12	150	803	578	450	0.260	1.284	803	578							Pitting			
1955	Metal Loss	Int	4189.46	4195.8	5.28	35.66	40.94	1120	AGM 4	897.62	AGM 5	243.01	42.000	0.375	0.375	35000		22	0.081					0.827	0.954	6:25	150	801	577	450	0.260	1.282	801	577							Pitting			
1956	Metal Loss	Int	4189.59	4195.9	5.41	35.53	40.94	1120	AGM 4	897.75	AGM 5	242.89	42.000	0.375	0.375	35000		22	0.084					0.778	0.757	5:33	150	801	577	450	0.260	1.282	801	577							Pitting			
1957	Metal Loss	Int	4189.71	4196.0	5.52	35.42	40.94	1120	AGM 4	897.86	AGM 5	242.77	42.000	0.375	0.375	35000		29	0.110					0.601	0.591	6:15	150	802	577	450	0.260	1.283	801	577							Pitting			
1958	Metal Loss	Int	4189.73	4196.1	5.55	35.39	40.94	1120	AGM 4	897.89	AGM 5	242.74	42.000	0.375	0.375	35000		16	0.060					0.864	0.651	7:01	150	802	577	450	0.260	1.283	801	577							Pitting			
1959	Metal Loss	Int	4189.98	4196.3	5.80	35.15	40.94	1120	AGM 4	898.13	AGM 5	242.50	42.000	0.375	0.375	35000		18	0.066					0.315	0.514	5:32	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1960	Cluster	Int	4190.08	4196.4	5.89	35.05	40.94	1120	AGM 4	898.23	AGM 5	242.40	42.000	0.375	0.375	35000		29	0.109					1.080	2.425	6:58	150	798	574	450	0.261	1.276	796	573						CLS C				
1961	Metal Loss	Int	4190.59	4196.9	6.41	34.53	40.94	1120	AGM 4	898.75	AGM 5	241.89	42.000	0.375	0.375	35000		25	0.094					0.664	0.606	4:58	150	802	577	450	0.260	1.283	801	577							Pitting			
1962	Metal Loss	Int	4190.79	4197.1	6.61	34.34	40.94	1120	AGM 4	898.94	AGM 5	241.69	42.000	0.375	0.375	35000		16	0.060					0.633	0.664	7:11	150	803	578	450	0.260	1.284	802	577							Pitting			
1963	Metal Loss	Int	4191.37	4197.7	7.19	33.75	40.94	1120	AGM 4	899.53	AGM 5	241.11	42.000	0.375	0.375	35000		34	0.127					0.787	0.636	4:49	150	800	576	450	0.260	1.279	799	575							Pitting			
1964	Metal Loss	Int	4191.48	4197.9	7.29	33.65	40.94	1120	AGM 4	899.63	AGM 5	241.00	42.000	0.375	0.375	35000		21	0.078					0.599	0.694	7:14	150	802	578	450	0.260	1.284	802	577							Pitting			
1965	Metal Loss	Int	4191.48	4197.9	7.30	33.64	40.94	1120	AGM 4	899.64	AGM 5	241.00	42.000	0.375	0.375	35000		16	0.059					0.363	0.556	4:25	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1966	Metal Loss	Int	4191.53	4197.9	7.35	33.60	40.94	1120	AGM 4	899.68	AGM 5	240.95	42.000	0.375	0.375	35000		27	0.101					0.532	0.684	5:32	150	802	578	450	0.260	1.284	802	577							Pitting			
1967	Cluster	Int	4191.64	4198.0	7.46	33.49	40.94	1120	AGM 4	899.79	AGM 5	240.84	42.000	0.375	0.375	35000		34	0.128					1.010	3.114	6:34	150	797	574	450	0.261	1.275	796	573						CLS C				
1968	Metal Loss	Int	4192.20	4198.6	8.01	32.93	40.94	1120	AGM 4	900.35	AGM 5	240.28	42.000	0.375	0.375	35000		21	0.077					0.371	0.537	7:22	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1969	Metal Loss	Int	4192.58	4199.0	8.40	32.55	40.94	1120	AGM 4	900.73	AGM 5	239.90	42.000	0.375	0.375	35000		36	0.134					0.800	1.721	6:05	150	799	575	450	0.261	1.279	798	575							Circumferential Grooving			
1970	Metal Loss	Int	4192.73	4199.1	8.55	32.39	40.94	1120	AGM 4	900.89	AGM 5	239.75	42.000	0.375	0.375	35000		20	0.076					0.558	0.679	5:32	150	803	578	450	0.260	1.284	802	577							Pitting			
1971	Metal Loss	Int	4192.82	4199.2	8.64	32.30	40.94	1120	AGM 4	900.98	AGM 5	239.65	42.000	0.375	0.375	35000		19	0.071					0.662	0.670	6:53	150	802	578	450	0.260	1.284	802	577							Pitting			
1972	Metal Loss	Int	4193.04	4199.4	8.85	32.09	40.94	1120	AGM 4	901.19	AGM 5	239.44	42.000	0.375	0.375	35000		30	0.111					0.699	0.627	4:50	150	801	577	450	0.260	1.282	800	576							Pitting			
1973	Metal Loss	Int	4193.09	4199.5	8.91	32.03	40.94	1120	AGM 4	901.25	AGM 5	239.38	42.000	0.375	0.375	35000		27	0.101					0.739	0.628	6:06	150	801	577	450	0.260	1.282	800	576							Pitting			
1974	Cluster	Int	4193.13	4199.5	8.95	31.99	40.94	1120	AGM 4	901.29	AGM 5	239.35	42.000	0.375	0.375	35000		23	0.088					2.517	1.706	7:13	150	783	564	450	0.266	1.253	784	564						CLS C				
1975	Metal Loss	Int	4193.45	4199.9	9.26	31.68	40.94	1120	AGM 4	901.60	AGM 5	239.03	42.000	0.375	0.375	35000		18	0.067					0.642	0.570	7:17	150	802	578	450	0.260	1.284	802	577							Pitting			
1976	Metal Loss	Int	4193.60	4200.0	9.42	31.52	40.94	1120	AGM 4	901.76	AGM 5	238.88	42.000	0.375	0.375	35000		25	0.093					0.896	0.910	4:52	150	800	576	450	0.260	1.280	799	575							Pitting			
1977	Metal Loss	Int	4193.65	4200.1	9.47	31.47	40.94	1120	AGM 4	901.81	AGM 5	238.83	42.000	0.375	0.375	35000		32	0.119					0.825	0.723	6:16	150	800	576	450	0.260	1.279	799	575							Pitting			
1978	Metal Loss	Int	4193.98	4200.4	9.80	31.15	40.94	1120	AGM 4	902.13	AGM 5	238.50	42.000	0.375	0.375	35000		22	0.081					0.441	0.557	7:17	150	803	578	450	0.260	1.285	803	578							Pitting			
1979	Cluster	Int	4194.33	4200.8	10.15	30.79	40.94	1120	AGM 4	902.49	AGM 5	238.14	42.000	0.375	0.375	35000		36	0.136					2.100	0.734	7:13	150	777	559	450	0.268	1.243	789	568						CLS C				
1980	Cluster	Int	4194.38	4200.8	10.20	30.74	40.94	1120	AGM 4	902.54	AGM 5	238.10	42.000	0.375	0.375	35000		29	0.110					2.518	2.809	6:01	150	776	559	450	0.268	1.242	789	568						CLS C				
1981	Metal Loss	Int	4194.96	4201.4	10.78	30.16	40.94	1120	AGM 4	903.12	AGM 5	237.51	42.000	0.375	0.375	35000		21	0.078					1.461	0.877	7:14	150	797	574	450	0.261	1.275	795	572							Pitting			
1982	Metal Loss	Int	4195.00	4201.5	10.82	30.12	40.94	1120	AGM 4	903.16	AGM 5	237.48	42.000	0.375	0.375	35000		16	0.058					0.318	0.526	4:50	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
1983	Metal Loss	Int	4195.12	4201.6	10.94	30.00	40.94	1120	AGM 4	903.28	AGM 5	237.36	42.000	0.375	0.375	35000		42	0.158					0.876	0.937	6:37	150	797	574	450	0.261	1.275	795	572							Pitting			
1984	Metal Loss	Int	4195.13	4201.6	10.94	30.00	40.94	1120	AGM 4	903.28	AGM 5	237.35	42.000	0.375	0.375	35000		16	0.060					0.452	0.566	4:50	150	803	578	450	0.260	1.285	803	578							Pitting			
1985	Cluster	Int	4195.24	4201.7	11.06	29.89	40.94	1120	AGM 4	903.39	AGM 5	237.24	42.000	0.375	0.375	35000		22	0.083					0.876	2.926	7:17	150	801	577	450	0.260	1.281	800	576						CLS C				
1986	Metal Loss	Int	4195.30	4201.8	11.12	29.82	40.94	1120	AGM 4	903.46	AGM 5	237.17	42.000	0.375	0.375	35000		29	0.107					0.551	0.597	4:25	150	802	577	450	0.260	1.283	802	577							Pitting			
1987	Cluster	Int	4195.48	4201.9	11.30	29.65	40.94	1120	AGM 4	903.63	AGM 5	237.00	42.000	0.375	0.375	35000		29	0.107					3.263	3.088	6:10	150	764	550	450	0.273	1.222	784	564						CLS C				
1988	Metal Loss	Int	4195.58	4202.0	11.40	29.55	40.94	1120	AGM 4	903.73	AGM 5	236.90	42.000	0.375	0.375	35000		23	0.085					1.162	0.817	7:14	150	799	575	450	0.261	1.278	798	575							Pitting			
1989	Metal Loss	Int	4195.71	4202.2	11.53	29.42	40.94	1120	AGM 4	903.86	AGM 5	236.77	42.000	0.375	0.375	35000		25	0.095					0.715	0.701	4:50	150	801	577	450	0.260	1.282	801	577							Pitting			
1990	Metal Loss	Int	4195.89	4202.4	11.71	29.23	40.94	1120	AGM 4	904.05	AGM 5	236.58	42.000	0.375	0.375	35000		23	0.084					0.457	0.566	4:48	150	803	578	450	0.260	1.284	803	578							Pitting			
1991	Cluster	Int	4196.11	4202.6	11.93	29.01	40.94	1120	AGM 4	904.27	AGM 5	236.37	42.000	0.375	0.375	35000		30	0.111					2.191	3.327	6:24	150	781	563	450	0.266	1.250	790	569						CLS C				
1992	Metal Loss	Int	4196.12	4202.6	11.94	29.00	40.94	1120	AGM 4	904.28	AGM 5	236.35	42.000	0.375	0.375	35000		27	0.101					1.078	1.166	5:47	150	798	575	450	0.261	1.277	797	574							Pitting			
1993	Metal Loss	Int	4196.27	4202.8	12.09	28.85	40.94	1120	AGM 4	904.43	AGM 5	236.20	42.000	0.375	0.375	35000		36	0.134					0.815	0.924	7:11	150	799	575	450	0.261	1.278	798	575							Pitting			
1994	Metal Loss	Int	4196.42	4202.9	12.23	28.71	40.94	1120	AGM 4	904.57	AGM 5	236.06	42.000	0.375	0.375	35000		17	0.063					0.510	0.596	7:26	150	803	578	450	0.260	1.285	803	578							Pitting			
1995	Metal Loss	Int	4196.57	4203.1	12.39	28.56	40.94	1120	AGM 4	904.72	AGM 5	235.91	42.000	0.375	0.375	35000		29	0.107					0.661	0.746	6:00	150	801	577	450	0.260	1.282	801	577							Pitting			
1996	Metal Loss	Int	4196.81	4203.3	12.63	28.31	40.94	1120	AGM 4	904.97	AGM 5	235.66	42.000	0.375	0.375	35000		39	0.146					0.806	0.996	7:13	150	799	575	450	0.261	1.278	797	574							Pitting			
1997	Metal Loss	Int	4197.37	4203.9	13.19	27.76	40.94	1120	AGM 4	905.52	AGM 5	235.11	42.000	0.375	0.375	35000		24	0.090					1.337	0.944	7:13	150	797	574	450	0.261	1.275	795	572							Pitting			
1998	Metal Loss	Int	4197.45	4204.0	13.27	27.67	40.94	1120	AGM 4	905.61	AGM 5	235.02	42.000	0.375	0.375	35000		26	0.096					0.660	0.629	4:47	150	802	577	450	0.260	1.283	801	577							Pitting			
1999	Metal Loss	Int	4197.49	4204.0	13.30	27.64	40.94	1120	AGM 4	905.64	AGM 5	234.99	42.000	0.375	0.375	35000		25	0.093					0.636	0.964	6:29	150	802	577	450	0.260	1.283	801	577							Pitting			

Reported Feature Reference									Upstream (U/S) Reference		Downstream (D/S) Reference		Pipe Specification					Reported Feature Dimensions									Calculated Values	Modified B31.G		Design	ERF	RPR	Effective Area		Classification		XYZ Information NAD 83		NAVD 88					
Feature Number (sequential order)	Pipeline Feature	INT/ EXT (ID/OD)	Odometer	Station Number	Distance to U/S weld	Distance to D/S weld	Joint Length	Defect Joint Number	Name	Distance from:	Name	Distance to:	Diameter	Nominal Wall Thickness	Measured Wall Thickness	Pipe Grade (SMYS)	Long Seam Orientation	Metal Loss Depth	Metal Loss Depth	Deformation Depth	Deformation Depth	Crack Depth	Crack Depth	Length	Width	Orientation	MOP	Modified B31.G P_{BURST}	Modified B31.G P_{SAFE}	Design Pressure (72% SMYS)	MOP / P_{SAFE}	P_{BURST} / 100% SMYS	P_{BURST}	P_{SAFE}	Group Number	Group Category	Latitude	Longitude	Elevation	Comments	POF classification	Excavation/ Repair Required	SPLC Notes	Tool Type/ Technology
			(feet)	(feet)	(feet)	(feet)	(feet)			(feet)		(feet)	(inch)	(inch)	(inch)	(psi)		(%)	(inch)	(%)	(inch)	(%)	(inch)	(inch)	(inch)	(O'clock)	(psi)	(psi)	(psi)	(psi)			(psi)	(psi)					(feet)			Target/Yes/AGM		
2000	Metal Loss	Int	4197.71	4204.2	13.53	27.41	40.94	1120	AGM 4	905.87	AGM 5	234.76	42.000	0.375	0.375	35000		20	0.073					0.644	0.572	6:16	150	802	578	450	0.260	1.284	802	577							Pitting			
2001	Cluster	Int	4197.83	4204.3	13.65	27.29	40.94	1120	AGM 4	905.99	AGM 5	234.64	42.000	0.375	0.375	35000		40	0.150					2.498	3.226	7:17	150	762	549	450	0.273	1.220	788	567						CLS C				
2002	Metal Loss	Int	4197.88	4204.4	13.70	27.24	40.94	1120	AGM 4	906.04	AGM 5	234.59	42.000	0.375	0.375	35000		19	0.073					0.430	0.561	4:26	150	803	578	450	0.260	1.285	803	578							Pitting			
2003	Metal Loss	Int	4198.20	4204.7	14.01	26.93	40.94	1120	AGM 4	906.35	AGM 5	234.28	42.000	0.375	0.375	35000		19	0.071					0.755	0.892	7:13	150	802	577	450	0.260	1.283	801	577							Pitting			
2004	Cluster	Int	4198.46	4205.0	14.27	26.67	40.94	1120	AGM 4	906.61	AGM 5	234.02	42.000	0.375	0.375	35000		31	0.117					1.960	0.897	7:09	150	784	565	450	0.265	1.255	792	570						CLS C				
2005	Metal Loss	Int	4198.88	4205.4	14.70	26.25	40.94	1120	AGM 4	907.03	AGM 5	233.60	42.000	0.375	0.375	35000		32	0.122					0.861	0.883	7:27	150	799	575	450	0.261	1.279	798	575							Pitting			
2006	Metal Loss	Int	4199.17	4205.7	14.98	25.96	40.94	1120	AGM 4	907.32	AGM 5	233.31	42.000	0.375	0.375	35000		33	0.124					0.862	0.828	4:46	150	799	575	450	0.261	1.278	798	575							Pitting			
2007	Metal Loss	Int	4199.26	4205.8	15.08	25.87	40.94	1120	AGM 4	907.41	AGM 5	233.22	42.000	0.375	0.375	35000		16	0.061					0.561	0.782	6:28	150	803	578	450	0.260	1.284	803	578							Pitting			
2008	Metal Loss	Int	4199.69	4206.2	15.51	25.43	40.94	1120	AGM 4	907.85	AGM 5	232.79	42.000	0.375	0.375	35000		27	0.100					0.836	0.753	5:22	150	800	576	450	0.260	1.281	800	576							Pitting			
2009	Metal Loss	Int	4199.93	4206.5	15.75	25.20	40.94	1120	AGM 4	908.08	AGM 5	232.55	42.000	0.375	0.375	35000		35	0.133					1.257	0.892	6:30	150	793	571	450	0.263	1.269	791	570							Pitting			
2010	Cluster	Int	4200.00	4206.6	15.82	25.13	40.94	1120	AGM 4	908.15	AGM 5	232.48	42.000	0.375	0.375	35000		25	0.094					1.791	2.972	5:57	150	791	570	450	0.263	1.266	791	570						CLS C				
2011	Metal Loss	Int	4200.17	4206.7	15.99	24.95	40.94	1120	AGM 4	908.33	AGM 5	232.30	42.000	0.375	0.375	35000		24	0.091					0.858	0.640	6:09	150	801	576	450	0.260	1.281	800	576							Pitting			
2012	Metal Loss	Int	4200.26	4206.8	16.08	24.87	40.94	1120	AGM 4	908.41	AGM 5	232.22	42.000	0.375	0.375	35000		16	0.059					0.386	0.560	5:31	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2013	Metal Loss	Int	4200.52	4207.1	16.33	24.61	40.94	1120	AGM 4	908.67	AGM 5	231.96	42.000	0.375	0.375	35000		23	0.086					0.695	0.749	5:23	150	802	577	450	0.260	1.283	801	577							Pitting			
2014	Metal Loss	Int	4200.72	4207.3	16.54	24.40	40.94	1120	AGM 4	908.87	AGM 5	231.76	42.000	0.375	0.375	35000		27	0.101					0.973	0.736	7:12	150	799	575	450	0.261	1.279	798	575							Pitting			
2015	Metal Loss	Int	4200.72	4207.3	16.54	24.40	40.94	1120	AGM 4	908.88	AGM 5	231.76	42.000	0.375	0.375	35000		29	0.109					0.551	0.630	5:25	150	802	577	450	0.260	1.283	802	577							Pitting			
2016	Metal Loss	Int	4201.05	4207.6	16.87	24.07	40.94	1120	AGM 4	909.21	AGM 5	231.42	42.000	0.375	0.375	35000		24	0.091					0.851	0.650	5:27	150	801	576	450	0.260	1.281	800	576							Pitting			
2017	Metal Loss	Int	4201.18	4207.8	16.99	23.95	40.94	1120	AGM 4	909.33	AGM 5	231.30	42.000	0.375	0.375	35000		18	0.068					0.602	0.725	6:23	150	803	578	450	0.260	1.284	802	577							Pitting			
2018	Metal Loss	Int	4201.48	4208.1	17.30	23.65	40.94	1120	AGM 4	909.63	AGM 5	231.00	42.000	0.375	0.375	35000		16	0.059					1.001	0.590	4:47	150	801	577	450	0.260	1.282	801	577							Pitting			
2019	Metal Loss	Int	4201.55	4208.1	17.37	23.58	40.94	1120	AGM 4	909.70	AGM 5	230.93	42.000	0.375	0.375	35000		22	0.081					1.081	0.752	6:08	150	800	576	450	0.260	1.279	799	575							Pitting			
2020	Metal Loss	Int	4201.86	4208.5	17.67	23.27	40.94	1120	AGM 4	910.01	AGM 5	230.62	42.000	0.375	0.375	35000		32	0.122					0.494	0.568	4:45	150	802	578	450	0.260	1.283	802	577							Pitting			
2021	Metal Loss	Int	4201.96	4208.6	17.78	23.17	40.94	1120	AGM 4	910.11	AGM 5	230.52	42.000	0.375	0.375	35000		25	0.095					0.545	0.674	5:23	150	802	578	450	0.260	1.284	802	577							Pitting			
2022	Metal Loss	Int	4202.12	4208.7	17.94	23.01	40.94	1120	AGM 4	910.27	AGM 5	230.36	42.000	0.375	0.375	35000		21	0.078					1.102	1.176	6:35	150	800	576	450	0.260	1.279	799	575							Pitting			
2023	Metal Loss	Int	4202.17	4208.8	17.99	22.95	40.94	1120	AGM 4	910.33	AGM 5	230.30	42.000	0.375	0.375	35000		38	0.141					0.633	0.662	4:50	150	801	576	450	0.260	1.281	800	576							Pitting			
2024	Metal Loss	Int	4202.39	4209.0	18.21	22.73	40.94	1120	AGM 4	910.55	AGM 5	230.08	42.000	0.375	0.375	35000		36	0.135					0.666	0.676	4:46	150	800	576	450	0.260	1.281	800	576							Pitting			
2025	Metal Loss	Int	4202.41	4209.0	18.23	22.71	40.94	1120	AGM 4	910.57	AGM 5	230.06	42.000	0.375	0.375	35000		17	0.062					0.998	0.847	6:03	150	801	577	450	0.260	1.282	801	577							Pitting			
2026	Metal Loss	Int	4202.80	4209.4	18.62	22.32	40.94	1120	AGM 4	910.96	AGM 5	229.67	42.000	0.375	0.375	35000		15	0.057					0.315	0.529	5:58	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2027	Metal Loss	Int	4203.14	4209.8	18.96	21.99	40.94	1120	AGM 4	911.29	AGM 5	229.34	42.000	0.375	0.375	35000		20	0.073					0.523	0.578	7:12	150	803	578	450	0.260	1.284	803	578							Pitting			
2028	Metal Loss	Int	4203.18	4209.8	19.00	21.94	40.94	1120	AGM 4	911.34	AGM 5	229.30	42.000	0.375	0.375	35000		30	0.113					0.909	0.917	4:48	150	799	575	450	0.261	1.279	798	575							Pitting			
2029	Metal Loss	Int	4203.28	4209.9	19.10	21.85	40.94	1120	AGM 4	911.43	AGM 5	229.20	42.000	0.375	0.375	35000		26	0.096					0.478	0.603	6:10	150	803	578	450	0.260	1.284	802	577							Pitting			
2030	Metal Loss	Int	4203.46	4210.1	19.28	21.67	40.94	1120	AGM 4	911.61	AGM 5	229.02	42.000	0.375	0.375	35000		27	0.100					0.590	0.733	5:25	150	802	577	450	0.260	1.283	802	577							Pitting			
2031	Metal Loss	Int	4203.52	4210.2	19.34	21.60	40.94	1120	AGM 4	911.68	AGM 5	228.95	42.000	0.375	0.375	35000		28	0.107					0.785	0.682	4:47	150	800	576	450	0.260	1.281	800	576							Pitting			
2032	Metal Loss	Int	4203.64	4210.3	19.46	21.49	40.94	1120	AGM 4	911.79	AGM 5	228.84	42.000	0.375	0.375	35000		20	0.074					0.512	0.672	5:24	150	803	578	450	0.260	1.284	803	578							Pitting			
2033	Metal Loss	Int	4203.64	4210.3	19.46	21.49	40.94	1120	AGM 4	911.79	AGM 5	228.84	42.000	0.375	0.375	35000		19	0.070					0.978	0.510	7:09	150	801	577	450	0.260	1.281	800	576							Pitting			
2034	Metal Loss	Int	4203.75	4210.4	19.57	21.38	40.94	1120	AGM 4	911.90	AGM 5	228.73	42.000	0.375	0.375	35000		29	0.110					0.994	1.197	5:57	150	798	575	450	0.261	1.278	797	574							Pitting			
2035	Metal Loss	Int	4203.81	4210.5	19.63	21.31	40.94	1120	AGM 4	911.97	AGM 5	228.66	42.000	0.375	0.375	35000		21	0.078					0.551	0.584	4:45	150	803	578	450	0.260	1.284	802	577							Pitting			
2036	Metal Loss	Int	4204.15	4210.8	19.97	20.98	40.94	1120	AGM 4	912.30	AGM 5	228.33	42.000	0.375	0.375	35000		33	0.122					0.708	0.681	4:48	150	801	576	450	0.260	1.281	800	576							Pitting			
2037	Metal Loss	Int	4204.28	4210.9	20.10	20.84	40.94	1120	AGM 4	912.44	AGM 5	228.20	42.000	0.375	0.375	35000		18	0.069					0.672	0.959	5:19	150	802	578	450	0.260	1.284	802	577							Pitting			
2038	Metal Loss	Int	4204.51	4211.2	20.33	20.62	40.94	1120	AGM 4	912.66	AGM 5	227.97	42.000	0.375	0.375	35000		19	0.072					0.581	0.599	7:11	150	803	578	450	0.260	1.284	802	577							Pitting			
2039	Metal Loss	Int	4204.58	4211.2	20.40	20.55	40.94	1120	AGM 4	912.73	AGM 5	227.90	42.000	0.375	0.375	35000		31	0.116					0.821	0.891	6:06	150	800	576	450	0.260	1.280	799	575							Pitting			
2040	Metal Loss	Int	4204.68	4211.3	20.50	20.45	40.94	1120	AGM 4	912.83	AGM 5	227.80	42.000	0.375	0.375	35000		25	0.095					0.904	0.899	5:26	150	800	576	450	0.260	1.280	799	575							Pitting			
2041	Cluster	Int	4204.95	4211.6	20.77	20.18	40.94	1120	AGM 4	913.10	AGM 5	227.53	42.000	0.375	0.375	35000		21	0.078					0.685	1.996	5:31	150	802	577	450	0.260	1.283	802	577						CLS C				
2042	Metal Loss	Int	4205.13	4211.8	20.95	19.99	40.94	1120	AGM 4	913.29	AGM 5	227.35	42.000	0.375	0.375	35000		23	0.087					0.599	0.820	5:32	150	802	578	450	0.260	1.284	802	577							Pitting			
2043	Metal Loss	Int	4205.38	4212.0	21.19	19.75	40.94	1120	AGM 4	913.53	AGM 5	227.10	42.000	0.375	0.375	35000		30	0.111					0.680	0.957	5:35	150	801	577	450	0.260	1.282	800	576							Pitting			
2044	Metal Loss	Int	4205.42	4212.1	21.24	19.70	40.94	1120	AGM 4	913.58	AGM 5	227.05	42.000	0.375	0.375	35000		27	0.102					0.737	0.721	4:47	150	801	577	450	0.260	1.282	800	576							Pitting			
2045	Metal Loss	Int	4205.54	4212.2	21.36	19.58	40.94	1120	AGM 4	913.69	AGM 5	226.94	42.000	0.375	0.375	35000		38	0.144					1.024	1.246	6:38	150	796	573	450	0.262	1.273	794	572							Pitting			
2046	Cluster	Int	4205.63	4212.3	21.44	19.50	40.94	1120	AGM 4	913.78	AGM 5	226.85	42.000	0.375	0.375	35000		34	0.126					1.515	1.698	5:33	150	790	569	450	0.264	1.264	788	567						CLS C				
2047	Metal Loss	Int	4205.71	4212.4	21.53	19.42	40.94	1120	AGM 4	913.86	AGM 5	226.77	42.000	0.375	0.375	35000		17	0.065					0.812	0.879	7:12	150	802	577	450	0.260	1.283	801	577							Pitting			
2048	Metal Loss	Int	4205.78	4212.5	21.59	19.35	40.94	1120	AGM 4	913.93	AGM 5	226.70	42.000	0.375	0.375	35000		34	0.128					0.635	0.622	4:46	150	801	577	450	0.260	1.282	800	576							Pitting			
2049	Cluster	Int	4205.88	4212.6	21.70	19.25	40.94	1120	AGM 4	914.03	AGM 5	226.60	42.000	0.375	0.375	35000		18	0.068					1.833	1.351	5:28	150	795	572	450	0.262	1.272	799	575						CLS C				
2050	Metal Loss	Int	4205.88	4212.6	21.70	19.24	40.94	1120	AGM 4	914.04	AGM 5	226.59	42.000	0.375	0.375	35000		23	0.085					0.468	0.570	6:07	150	803	578	450	0.260	1.284	803	578							Pitting			
2051	Metal Loss	Int	4205.94	4212.6	21.76	19.18	40.94	1120	AGM 4	914.10	AGM 5	226.54	42.000	0.375	0.375	35000		26	0.099					0.812	0.879	4:37	150	801	576	450	0.260	1.281	800	576							Pitting			
2052	Metal Loss	Int	4206.08	4212.8	21.90	19.04	40.94	1120	AGM 4	914.24	AGM 5	226.40	42.000	0.375	0.375	35000		30	0.113					0.629	0.673	5:25	150	801	577	450	0.260	1.282	801	577							Pitting			
2053	Cluster	Int	4206.27	4213.0	22.08	18.86	40.94	1120	AGM 4	914.42	AGM 5	226.21	42.000	0.375	0.375	35000		21	0.080					1.298	3.159	5:31	150	798	575	450	0.261	1.277	799	575						CLS C				
2054	Metal Loss	Int	4206.82	4213.5	22.64	18.30	40.94	1120	AGM 4	914.98	AGM 5	225.65	42.000	0.375	0.375	35000		27	0.101					1.133	0.952	6:06	150	798	574	450	0.261	1.276	796	573							Pitting			
2055	Metal Loss	Int	4206.86	4213.6	22.68	18.27	40.94	1120	AGM 4	915.01	AGM 5	225.62	42.000	0.375	0.375	35000		19	0.070					0.841	0.778	7:12	150	802	577	450	0.260	1.282	801	577							Pitting			
2056	Metal Loss	Int	4207.09	4213.8	22.91	18.03	40.94	1120	AGM 4	915.25	AGM 5	225.38	42.000	0.375	0.375	35000		28	0.104					0.462	0.563	5:51	150	803	578	450	0.260	1.284	802	577							Pitting			
2057	Metal Loss	Int	4207.15	4213.9	22.96	17.98	40.94	1120	AGM 4	915.30	AGM 5	225.33	42.000	0.375	0.375	35000		19	0.070					0.348	0.544	5:26	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2058	Metal Loss	Int	4207.15	4213.9	22.97	17.97	40.94	1120	AGM 4	915.31	AGM 5	225.33	42.000	0.375	0.375	35000		17	0.066					0.631	0.795	6:31	150	802	578	450	0.260	1.284	802	577							Pitting			
2059	Metal Loss	Int	4207.35	4214.1	23.16	17.78	40.94	1120	AGM 4	915.50	AGM 5	225.13	42.000	0.375	0.375	35000		41	0.153					1.110	1.138	6:16	150	794	571	450	0.263	1.270	791	570							Pitting			
2060	Metal Loss	Int	4207.49	4214.2	23.31	17.64	40.94	1120	AGM 4	915.64	AGM 5	224.99	42.000	0.375	0.375	35000		29	0.110					1.192	1.633	6:39	150	796	573	450	0.262	1.274	795	572							General Metal-loss			
2061	Metal Loss	Int	4207.52	4214.2	23.34	17.60	40.94	1120	AGM 4	915.68	AGM 5	224.96	42.000	0.375	0.375	35000		30	0.113					0.763	0.670	4:46	150	800	576	450	0.260	1.281	800	576							Pitting			
2062	Cluster	Int	4207.70	4214.4	23.52	17.43	40.94	1120	AGM 4	915.85	AGM 5	224.78	42.000	0.375	0.375	35000		21	0.079					0.867	2.845	5:33	150	801	577	450	0.260	1.282	801	577						CLS C				
2063	Metal Loss	Int	4207.71	4214.4	23.53	17.41	40.94	1120	AGM 4	915.87	AGM 5	224.76	42.000	0.375	0.375	35000		19	0.070					0.483	0.570	6:03	150	803	578	450	0.260	1.285	803	578							Pitting			
2064	Cluster	Int	4207.96	4214.7	23.78	17.17	40.94	1120	AGM 4	916.11	AGM 5	224.52	42.000	0.375	0.375	35000		24	0.091					0.624	1.912	5:31	150	802	577	450	0.260	1.283	802	577						CLS C				
2065	Metal Loss	Int	4208.07	4214.8	23.88	17.06	40.94	1120	AGM 4	916.22	AGM 5	224.41	42.000	0.375	0.375	35000		23	0.086					0.550	0.583	4:46	150	802	578	450	0.260	1.284	802	577							Pitting			
2066	Metal Loss	Int	4208.09	4214.8	23.91	17.03	40.94	1120	AGM 4	916.25	AGM 5	224.38	42.000	0.375	0.375	35000		24	0.089					0.656	0.790	6:02	150	802	577	450	0.260	1.283	801	577							Pitting			
2067	Metal Loss	Int	4208.26	4215.0	24.08	16.87	40.94	1120	AGM 4	916.41	AGM 5	224.22	42.000	0.375	0.375	35000		16	0.061					1.102	0.667	6:09	150	801	576	450	0.260	1.281	800	576							Pitting			
2068	Metal Loss	Int	4208.44	4215.2	24.26	16.68	40.94	1120	AGM 4	916.60	AGM 5	224.04	42.000	0.375	0.375	35000		24	0.091					0.631	0.606	6:03	150	802	577	450	0.260	1.283	802	577							Pitting			
2069	Cluster	Int	4208.58	4215.3	24.40	16.55	40.94	1120	AGM 4	916.73	AGM 5	223.90	42.000	0.375	0.375	35000		27	0.103					4.080	4.767	5:35	150	753	542	450	0.277	1.204	777	559						CLS C				
2070	Metal Loss	Int	4208.63	4215.4	24.45	16.50	40.94	1120	AGM 4	916.78	AGM 5	223.85	42.000	0.375	0.375	35000		17	0.063					0.558	0.795	7:14	150	803	578	450	0.260	1.284	803	578							Pitting			
2071	Metal Loss	Int	4208.71	4215.5	24.53	16.41	40.94	1120	AGM 4	916.87	AGM 5	223.76	42.000	0.375	0.375	35000		23	0.086					0.722	0.957	6:23	150	802	577	450	0.260	1.283	801	577							Pitting			
2072	Metal Loss	Int	4208.86	4215.6	24.68	16.27	40.94	1120	AGM 4	917.01	AGM 5	223.62	42.000	0.375	0.375	35000		51	0.190					1.044	0.981	5:56	150	791	570	450	0.263	1.266	787	567							Pitting			
2073	Metal Loss	Int	4208.89	4215.6	24.71	16.23	40.94	1120	AGM 4	917.05	AGM 5	223.58	42.000	0.375	0.375	35000		25	0.094					0.507	0.609	5:24	150	802	578	450	0.260	1.284	802	577							Pitting			
2074	Metal Loss	Int	4208.99	4215.7	24.81	16.14	40.94	1120	AGM 4	917.14	AGM 5	223.49	42.000	0.375	0.375	35000		24	0.089					0.864	0.660	7:16	150	801	576	450	0.260	1.281	800	576							Pitting			
2075	Metal Loss	Int	4209.00	4215.7	24.82	16.13	40.94	1120	AGM 4	917.15	AGM 5	223.48	42.000	0.375	0.375	35000		30	0.112					0.827	0.742	4:48	150	800	576	450	0.260	1.280	799	575							Pitting			
2076	Metal Loss	Int	4209.03	4215.8	24.85	16.10	40.94	1120	AGM 4	917.18	AGM 5	223.45	42.000	0.375	0.375	35000		23	0.085					0.738	0.959	6:24	150	802	577	450	0.260	1.282	801	577							Pitting			
2077	Metal Loss	Int	4209.12	4215.9	24.93	16.01	40.94	1120	AGM 4	917.27	AGM 5	223.36	42.000	0.375	0.375	35000		16	0.059					0.715	0.916	5:29	150	802	578	450	0.260	1.284	802	577							Pitting			
2078	Cluster	Int	4209.26	4216.0	25.08	15.86	40.94	1120	AGM 4	917.42	AGM 5	223.21	42.000	0.375	0.375	35000		27	0.102					0.771	1.313	7:22	150	801	577	450	0.260	1.281	800	576						CLS C				
2079	Cluster	Int	4209.29	4216.0	25.11	15.83	40.94	1120	AGM 4	917.45	AGM 5	223.19	42.000	0.375	0.375	35000		36	0.134					3.197	5.395	5:55	150	752	542	450	0.277	1.203	779	561						CLS C				
2080	Metal Loss	Int	4209.40	4216.2	25.22	15.72	40.94	1120	AGM 4	917.56	AGM 5	223.08	42.000	0.375	0.375	35000		20	0.076					0.444	0.537	7:19	150	803	578	450	0.260	1.285	803	578							Pitting			
2081	Metal Loss	Int	4209.59	4216.3	25.40	15.54	40.94	1120	AGM 4	917.74	AGM 5	222.89	42.000	0.375	0.375	35000		16	0.058					0.522	0.581	4:47	150	803	578	450	0.260	1.285	803	578							Pitting			
2082	Metal Loss	Int	4209.73	4216.5	25.54	15.40	40.94	1120	AGM 4	917.88	AGM 5	222.75	42.000	0.375	0.375	35000		18	0.066					0.579	0.616	4:20	150	803	578	450	0.260	1.284	802	577							Pitting			
2083	Cluster	Int	4209.91	4216.7	25.73	15.21	40.94	1120	AGM 4	918.07	AGM 5	222.57	42.000	0.375	0.375	35000		28	0.105					0.764	3.934	5:33	150	801	577	450	0.260	1.281	800	576						CLS C				
2084	Metal Loss	Int	4209.93	4216.7	25.75	15.19	40.94	1120	AGM 4	918.09	AGM 5	222.55	42.000	0.375	0.375	35000		21	0.081					0.616	0.632	4:47	150	802	578	450	0.260	1.284	802	577							Pitting			
2085	Metal Loss	Int	4210.07	4216.8	25.89	15.05	40.94	1120	AGM 4	918.23	AGM 5	222.41	42.000	0.375	0.375	35000		21	0.078					0.475	0.567	4:46	150	803	578	450	0.260	1.284	803	578							Pitting			
2086	Cluster	Int	4210.27	4217.0	26.09	14.86	40.94	1120	AGM 4	918.42	AGM 5	222.21	42.000	0.375	0.375	35000		38	0.142					0.782	1.805	7:20	150	799	575	450	0.261	1.278	798	575						CLS C				
2087	Metal Loss	Int	4210.29	4217.1	26.10	14.84	40.94	1120	AGM 4	918.44	AGM 5	222.19	42.000	0.375	0.375	35000		23	0.086					0.602	0.592	4:46	150	802	578	450	0.260	1.283	802	577							Pitting			
2088	Metal Loss	Int	4210.40	4217.2	26.22	14.72	40.94	1120	AGM 4	918.56	AGM 5	222.08	42.000	0.375	0.375	35000		18	0.068					0.857	0.940	5:52	150	801	577	450	0.260	1.282	801	577							Pitting			
2089	Metal Loss	Int	4210.45	4217.2	26.27	14.68	40.94	1120	AGM 4	918.60	AGM 5	222.03	42.000	0.375	0.375	35000		21	0.080					0.949	0.783	5:26	150	800	576	450	0.260	1.281	800	576							Pitting			
2090	Cluster	Int	4210.54	4217.3	26.36	14.59	40.94	1120	AGM 4	918.69	AGM 5	221.94	42.000	0.375	0.375	35000		31	0.117					1.145	1.475	4:46	150	796	573	450	0.262	1.274	797	574						CLS C				
2091	Metal Loss	Int	4210.57	4217.4	26.39	14.55	40.94	1120	AGM 4	918.73	AGM 5	221.91	42.000	0.375	0.375	35000		21	0.079					0.421	0.557	7:19	150	803	578	450	0.260	1.285	803	578							Pitting			
2092	Cluster	Int	4210.72	4217.5	26.54	14.41	40.94	1120	AGM 4	918.87	AGM 5	221.76	42.000	0.375	0.375	35000		21	0.078					0.771	1.212	7:21	150	802	577	450	0.260	1.283	801	577						CLS C				
2093	Metal Loss	Int	4210.83	4217.6	26.65	14.30	40.94	1120	AGM 4	918.98	AGM 5	221.65	42.000	0.375	0.375	35000		23	0.088					0.959	1.501	5:58	150	800	576	450	0.260	1.280	799	575							Pitting			
2094	Metal Loss	Int	4211.15	4217.9	26.97	13.97	40.94	1120	AGM 4	919.31	AGM 5	221.32	42.000	0.375	0.375	35000		20	0.074					0.701	0.741	7:15	150	802	577	450	0.260	1.283	802	577							Pitting			
2095	Metal Loss	Int	4211.19	4218.0	27.01	13.94	40.94	1120	AGM 4	919.34	AGM 5	221.29	42.000	0.375	0.375	35000		24	0.089					1.337	1.248	4:46	150	797	574	450	0.261	1.275	795	572							General Metal-loss			
2096	Metal Loss	Int	4211.46	4218.3	27.28	13.67	40.94	1120	AGM 4	919.61	AGM 5	221.02	42.000	0.375	0.375	35000		30	0.113					0.719	0.657	7:14	150	801	577	450	0.260	1.281	800	576							Pitting			
2097	Cluster	Int	4211.49	4218.3	27.31	13.63	40.94	1120	AGM 4	919.65	AGM 5	220.99	42.000	0.375	0.375	35000		27	0.101					1.823	3.367	5:58	150	789	568	450	0.264	1.263	796	573						CLS C				
2098	Metal Loss	Int	4211.51	4218.3	27.32	13.62	40.94	1120	AGM 4	919.66	AGM 5	220.97	42.000	0.375	0.375	35000		20	0.074					0.557	0.590	4:41	150	803	578	450	0.260	1.284	802	577							Pitting			
2099	Metal Loss	Int	4211.67	4218.5	27.49	13.45	40.94	1120	AGM 4	919.83	AGM 5	220.80	42.000	0.375	0.375	35000		27	0.102					0.485	0.567	5:52	150	802	578	450	0.260	1.284	802	577							Pitting			
2100	Cluster	Int	4211.74	4218.5	27.56	13.39	40.94	1120	AGM 4	919.89	AGM 5	220.74	42.000	0.375	0.375	35000		22	0.084					2.555	2.175	5:25	150	783	564	450	0.266	1.253	790	569						CLS C				
2101	Cluster	Int	4211.77	4218.6	27.58	13.36	40.94	1120	AGM 4	919.92	AGM 5	220.71	42.000	0.375	0.375	35000		27	0.101					2.971	1.513	7:12	150	771	555	450	0.270	1.234	783	564						CLS C				
2102	Metal Loss	Int	4211.95	4218.8	27.76	13.18	40.94	1120	AGM 4	920.10	AGM 5	220.53	42.000	0.375	0.375	35000		16	0.061					0.567	0.769	4:45	150	803	578	450	0.260	1.284	803	578							Pitting			
2103	Metal Loss	Int	4212.19	4219.0	28.01	12.93	40.94	1120	AGM 4	920.35	AGM 5	220.29	42.000	0.375	0.375	35000		17	0.065					0.731	0.892	7:14	150	802	578	450	0.260	1.283	802	577							Pitting			
2104	Metal Loss	Int	4212.28	4219.1	28.10	12.85	40.94	1120	AGM 4	920.43	AGM 5	220.20	42.000	0.375	0.375	35000		16	0.059					0.664	0.668	6:37	150	802	578	450	0.260	1.284	802	577							Pitting			
2105	Metal Loss	Int	4212.34	4219.2	28.16	12.78	40.94	1120	AGM 4	920.50	AGM 5	220.14	42.000	0.375	0.375	35000		34	0.128					1.110	0.589	4:47	150	796	573	450	0.262	1.273	794	572							Pitting			
2106	Metal Loss	Int	4212.36	4219.2	28.18	12.76	40.94	1120	AGM 4	920.52	AGM 5	220.12	42.000	0.375	0.375	35000		15	0.057					0.420	0.565	6:04	150	803	578	450	0.260	1.285	803	578							Pitting			
2107	Metal Loss	Int	4212.56	4219.4	28.38	12.57	40.94	1120	AGM 4	920.71	AGM 5	219.92	42.000	0.375	0.375	35000		22	0.084					0.673	0.696	4:45	150	802	577	450	0.260	1.283	802	577							Pitting			
2108	Metal Loss	Int	4212.64	4219.5	28.46	12.49	40.94	1120	AGM 4	920.79	AGM 5	219.84	42.000	0.375	0.375	35000		15	0.057					0.595	0.643	5:23	150	803	578	450	0.260	1.284	803	578							Pitting			
2109	Cluster	Int	4212.66	4219.5	28.48	12.46	40.94	1120	AGM 4	920.82	AGM 5	219.81	42.000	0.375	0.375	35000		31	0.118					0.868	2.574	6:05	150	799	575	450	0.261	1.279	799	575						CLS C				
2110	Metal Loss	Int	4212.81	4219.6	28.63	12.32	40.94	1120	AGM 4	920.96	AGM 5	219.67	42.000	0.375	0.375	35000		22	0.083					0.633	0.762	4:45	150	802	578	450	0.260	1.283	802	577							Pitting			
2111	Metal Loss	Int	4212.95	4219.8	28.77	12.18	40.94	1120	AGM 4	921.10	AGM 5	219.53	42.000	0.375	0.375	35000		25	0.092					0.654	0.643	6:09	150	802	577	450	0.260	1.283	801	577							Pitting			
2112	Metal Loss	Int	4213.00	4219.8	28.82	12.13	40.94	1120	AGM 4	921.15	AGM 5	219.48	42.000	0.375	0.375	35000		19	0.072					0.701	0.629	5:25	150	802	577	450	0.260	1.283	802	577							Pitting			
2113	Metal Loss	Int	4213.02	4219.9	28.84	12.10	40.94	1120	AGM 4	921.18	AGM 5	219.45	42.000	0.375	0.375	35000		24	0.090					0.805	0.782	4:45	150	801	577	450	0.260	1.282	800	576							Pitting			
2114	Metal Loss	Int	4213.11	4220.0	28.93	12.01	40.94	1120	AGM 4	921.27	AGM 5	219.36	42.000	0.375	0.375	35000		21	0.079					0.735	0.649	6:04	150	802	577	450	0.260	1.283	801	577							Pitting			
2115	Metal Loss	Int	4213.38	4220.2	29.20	11.75	40.94	1120	AGM 4	921.53	AGM 5	219.10	42.000	0.375	0.375	35000		30	0.113					0.926	0.595	4:47	150	799	575	450	0.261	1.278	798	575							Pitting			
2116	Cluster	Int	4213.63	4220.5	29.44	11.50	40.94	1120	AGM 4	921.78	AGM 5	218.85	42.000	0.375	0.375	35000		22	0.082					1.891	0.671	4:47	150	792	570	450	0.263	1.267	796	573						CLS C				
2117	Metal Loss	Int	4213.71	4220.6	29.53	11.42	40.94	1120	AGM 4	921.86	AGM 5	218.77	42.000	0.375	0.375	35000		16	0.062					1.054	1.181	5:21	150	801	577	450	0.260	1.281	800	576							Pitting			
2118	Metal Loss	Int	4213.72	4220.6	29.54	11.40	40.94	1120	AGM 4	921.88	AGM 5	218.76	42.000	0.375	0.375	35000		22	0.084					0.643	0.663	7:14	150	802	577	450	0.260	1.283	802	577							Pitting			
2119	Metal Loss	Int	4213.89	4220.7	29.71	11.24	40.94	1120	AGM 4	922.04	AGM 5	218.59	42.000	0.375	0.375	35000		29	0.109					0.782	0.927	5:56	150	800	576	450	0.260	1.281	800	576							Pitting			
2120	Metal Loss	Int	4213.90	4220.7	29.71	11.23	40.94	1120	AGM 4	922.05	AGM 5	218.58	42.000	0.375	0.375	35000		18	0.067					0.762	0.663	4:48	150	802	577	450	0.260	1.283	802	577							Pitting			
2121	Metal Loss	Int	4214.08	4220.9	29.90	11.05	40.94	1120	AGM 4	922.23	AGM 5	218.40	42.000	0.375	0.375	35000		20	0.074					0.628	0.689	7:13	150	802	578	450	0.260	1.284	802	577							Pitting			
2122	Metal Loss	Int	4214.11	4221.0	29.92	11.02	40.94	1120	AGM 4	922.26	AGM 5	218.37	42.000	0.375	0.375	35000		26	0.096					0.720	0.599	4:47	150	801	577	450	0.260	1.282	801	577							Pitting			
2123	Metal Loss	Int	4214.19	4221.1	30.01	10.93	40.94	1120	AGM 4	922.35	AGM 5	218.29	42.000	0.375	0.375	35000		26	0.099					0.636	0.879	5:25	150	802	577	450	0.260	1.283	801	577							Pitting			
2124	Metal Loss	Int	4214.36	4221.2	30.18	10.76	40.94	1120	AGM 4	922.52	AGM 5	218.12	42.000	0.375	0.375	35000		27	0.100					1.147	0.776	7:18	150	798	574	450	0.261	1.276	796	573							Pitting			
2125	Metal Loss	Int	4214.61	4221.5	30.43	10.52	40.94	1120	AGM 4	922.76	AGM 5	217.87	42.000	0.375	0.375	35000		17	0.065					0.857	0.876	4:45	150	802	577	450	0.260	1.283	801	577							Pitting			
2126	Metal Loss	Int	4214.89	4221.8	30.70	10.24	40.94	1120	AGM 4	923.04	AGM 5	217.59	42.000	0.375	0.375	35000		27	0.100					0.723	1.400	4:44	150	801	577	450	0.260	1.282	801	577							Pitting			
2127	Cluster	Int	4214.98	4221.9	30.80	10.15	40.94	1120	AGM 4	923.13	AGM 5	217.50	42.000	0.375	0.375	35000		20	0.074					1.007	2.463	6:09	150	800	576	450	0.260	1.281	801	577						CLS C				
2128	Metal Loss	Int	4215.15	4222.0	30.97	9.98	40.94	1120	AGM 4	923.30	AGM 5	217.33	42.000	0.375	0.375	35000		20	0.075					0.715	0.767	7:14	150	802	577	450	0.260	1.283	802	577							Pitting			
2129	Metal Loss	Int	4215.18	4222.1	31.00	9.95	40.94	1120	AGM 4	923.33	AGM 5	217.30	42.000	0.375	0.375	35000		25	0.094					0.796	0.890	5:52	150	801	577	450	0.260	1.281	800	576							Pitting			
2130	Metal Loss	Int	4215.21	4222.1	31.03	9.91	40.94	1120	AGM 4	923.37	AGM 5	217.26	42.000	0.375	0.375	35000		20	0.076					0.436	0.563	5:25	150	803	578	450	0.260	1.285	803	578							Pitting			
2131	Metal Loss	Int	4215.45	4222.3	31.27	9.67	40.94	1120	AGM 4	923.61	AGM 5	217.03	42.000	0.375	0.375	35000		38	0.143					0.696	0.561	6:17	150	800	576	450	0.260	1.280	799	575							Pitting			
2132	Cluster	Int	4215.71	4222.6	31.53	9.42	40.94	1120	AGM 4	923.86	AGM 5	216.77	42.000	0.375	0.375	35000		20	0.077					1.486	0.723	5:25	150	797	574	450	0.261	1.275	799	575						CLS C				
2133	Cluster	Int	4215.80	4222.7	31.62	9.32	40.94	1120	AGM 4	923.96	AGM 5	216.67	42.000	0.375	0.375	35000		24	0.090					1.060	1.687	4:45	150	799	575	450	0.261	1.279	800	576						CLS C				
2134	Metal Loss	Int	4215.87	4222.8	31.69	9.25	40.94	1120	AGM 4	924.03	AGM 5	216.60	42.000	0.375	0.375	35000		18	0.067					0.315	0.541	5:25	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2135	Metal Loss	Int	4216.14	4223.0	31.96	8.98	40.94	1120	AGM 4	924.30	AGM 5	216.33	42.000	0.375	0.375	35000		17	0.065					0.894	0.924	4:45	150	801	577	450	0.260	1.282	801	577							Pitting			
2136	Metal Loss	Int	4216.15	4223.0	31.97	8.98	40.94	1120	AGM 4	924.30	AGM 5	216.33	42.000	0.375	0.375	35000		16	0.062					0.536	0.770	5:48	150	803	578	450	0.260	1.285	803	578							Pitting			
2137	Metal Loss	Int	4216.24	4223.1	32.06	8.88	40.94	1120	AGM 4	924.40	AGM 5	216.23	42.000	0.375	0.375	35000		22	0.084					0.587	0.687	5:26	150	802	578	450	0.260	1.284	802	577							Pitting			
2138	Metal Loss	Int	4216.34	4223.2	32.16	8.78	40.94	1120	AGM 4	924.49	AGM 5	216.14	42.000	0.375	0.375	35000		21	0.078					0.886	0.603	6:04	150	801	577	450	0.260	1.281	800	576							Pitting			
2139	Metal Loss	Int	4216.47	4223.4	32.29	8.65	40.94	1120	AGM 4	924.63	AGM 5	216.00	42.000	0.375	0.375	35000		18	0.068					0.810	0.957	5:41	150	802	577	450	0.260	1.283	801	577							Pitting			
2140	Cluster	Int	4216.61	4223.5	32.43	8.52	40.94	1120	AGM 4	924.76	AGM 5	215.87	42.000	0.375	0.375	35000		20	0.077					1.968	1.640	4:45	150	792	570	450	0.263	1.267	796	573						CLS C				
2141	Metal Loss	Int	4216.71	4223.6	32.52	8.42	40.94	1120	AGM 4	924.86	AGM 5	215.77	42.000	0.375	0.375	35000		32	0.118					0.538	0.590	5:28	150	802	577	450	0.260	1.283	801	577							Pitting			
2142	Metal Loss	Int	4216.92	4223.8	32.74	8.20	40.94	1120	AGM 4	925.08	AGM 5	215.56	42.000	0.375	0.375	35000		16	0.060					0.365	0.540	5:25	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2143	Metal Loss	Int	4217.09	4224.0	32.90	8.04	40.94	1120	AGM 4	925.24	AGM 5	215.39	42.000	0.375	0.375	35000		36	0.135					0.538	0.558	7:24	150	802	577	450	0.260	1.282	801	577							Pitting			
2144	Metal Loss	Int	4217.09	4224.0	32.90	8.04	40.94	1120	AGM 4	925.24	AGM 5	215.39	42.000	0.375	0.375	35000		27	0.101					0.990	0.651	5:28	150	799	575	450	0.261	1.279	798	575							Pitting			
2145	Metal Loss	Int	4217.25	4224.2	33.06	7.88	40.94	1120	AGM 4	925.40	AGM 5	215.23	42.000	0.375	0.375	35000		16	0.060					0.576	0.769	5:10	150	803	578	450	0.260	1.284	803	578							Pitting			
2146	Cluster	Int	4217.27	4224.2	33.09	7.86	40.94	1120	AGM 4	925.42	AGM 5	215.21	42.000	0.375	0.375	35000		24	0.090					2.007	0.993	4:47	150	789	568	450	0.264	1.262	795	572						CLS C				
2147	Metal Loss	Int	4217.46	4224.4	33.28	7.66	40.94	1120	AGM 4	925.62	AGM 5	215.01	42.000	0.375	0.375	35000		18	0.069					0.901	0.726	6:21	150	801	577	450	0.260	1.282	801	577							Pitting			
2148	Metal Loss	Int	4217.65	4224.6	33.47	7.47	40.94	1120	AGM 4	925.81	AGM 5	214.83	42.000	0.375	0.375	35000		32	0.121					0.535	0.726	5:30	150	802	577	450	0.260	1.283	801	577							Pitting			
2149	Metal Loss	Int	4217.67	4224.6	33.49	7.46	40.94	1120	AGM 4	925.82	AGM 5	214.81	42.000	0.375	0.375	35000		44	0.165					0.911	0.682	6:11	150	796	573	450	0.262	1.273	793	571							Pitting			
2150	Metal Loss	Int	4217.91	4224.8	33.73	7.22	40.94	1120	AGM 4	926.06	AGM 5	214.57	42.000	0.375	0.375	35000		25	0.095					0.732	0.652	4:47	150	801	577	450	0.260	1.282	801	577							Pitting			
2151	Cluster	Int	4218.08	4225.0	33.90	7.05	40.94	1120	AGM 4	926.23	AGM 5	214.40	42.000	0.375	0.375	35000		36	0.134					1.093	2.022	5:33	150	796	573	450	0.262	1.273	793	571						CLS C				
2152	Metal Loss	Int	4218.38	4225.3	34.20	6.74	40.94	1120	AGM 4	926.54	AGM 5	214.10	42.000	0.375	0.375	35000		21	0.077					0.519	0.598	5:29	150	803	578	450	0.260	1.284	802	577							Pitting			
2153	Metal Loss	Int	4218.62	4225.6	34.44	6.50	40.94	1120	AGM 4	926.78	AGM 5	213.85	42.000	0.375	0.375	35000		16	0.060					0.423	0.741	5:32	150	803	578	450	0.260	1.285	803	578							Pitting			
2154	Cluster	Int	4218.71	4225.7	34.52	6.42	40.94	1120	AGM 4	926.86	AGM 5	213.77	42.000	0.375	0.375	35000		28	0.106					0.632	2.194	6:07	150	802	577	450	0.260	1.283	801	577						CLS C				
2155	Metal Loss	Int	4218.85	4225.8	34.67	6.27	40.94	1120	AGM 4	927.01	AGM 5	213.63	42.000	0.375	0.375	35000		33	0.123					0.504	0.593	4:50	150	802	577	450	0.260	1.283	802	577							Pitting			
2156	Metal Loss	Int	4218.93	4225.9	34.75	6.19	40.94	1120	AGM 4	927.09	AGM 5	213.55	42.000	0.375	0.375	35000		35	0.131					0.980	1.452	5:51	150	797	574	450	0.261	1.276	796	573							Pitting			
2157	Metal Loss	Int	4219.18	4226.1	34.99	5.95	40.94	1120	AGM 4	927.33	AGM 5	213.30	42.000	0.375	0.375	35000		16	0.061					0.787	0.653	4:44	150	802	577	450	0.260	1.283	802	577							Pitting			
2158	Metal Loss	Int	4219.39	4226.4	35.20	5.74	40.94	1120	AGM 4	927.54	AGM 5	213.09	42.000	0.375	0.375	35000		19	0.071					0.561	0.704	4:44	150	803	578	450	0.260	1.284	802	577							Pitting			
2159	Metal Loss	Int	4219.49	4226.5	35.30	5.64	40.94	1120	AGM 4	927.64	AGM 5	212.99	42.000	0.375	0.375	35000		23	0.087					0.476	0.569	5:39	150	803	578	450	0.260	1.284	802	577							Pitting			
2160	Metal Loss	Int	4219.59	4226.6	35.41	5.54	40.94	1120	AGM 4	927.74	AGM 5	212.89	42.000	0.375	0.375	35000		19	0.070					0.676	0.597	4:43	150	802	578	450	0.260	1.284	802	577							Pitting			
2161	Cluster	Int	4219.67	4226.6	35.49	5.46	40.94	1120	AGM 4	927.82	AGM 5	212.81	42.000	0.375	0.375	35000		29	0.110					1.631	2.506	6:15	150	791	569	450	0.264	1.265	795	572						CLS C				
2162	Metal Loss	Int	4219.71	4226.7	35.53	5.41	40.94	1120	AGM 4	927.87	AGM 5	212.77	42.000	0.375	0.375	35000		22	0.083					0.485	0.630	5:37	150	803	578	450	0.260	1.284	803	578							Pitting			
2163	Metal Loss	Int	4220.01	4227.0	35.83	5.12	40.94	1120	AGM 4	928.16	AGM 5	212.47	42.000	0.375	0.375	35000		18	0.067					0.877	0.682	7:13	150	801	577	450	0.260	1.282	801	577							Pitting			
2164	Metal Loss	Int	4220.04	4227.0	35.86	5.08	40.94	1120	AGM 4	928.20	AGM 5	212.44	42.000	0.375	0.375	35000		22	0.082					0.571	0.669	5:27	150	802	578	450	0.260	1.284	802	577							Pitting			
2165	Metal Loss	Int	4220.07	4227.0	35.88	5.06	40.94	1120	AGM 4	928.22	AGM 5	212.41	42.000	0.375	0.375	35000		20	0.077					0.339	0.552	6:08	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2166	Metal Loss	Int	4220.09	4227.1	35.91	5.03	40.94	1120	AGM 4	928.25	AGM 5	212.38	42.000	0.375	0.375	35000		24	0.089					0.971	0.604	4:45	150	800	576	450	0.260	1.280	799	575							Pitting			
2167	Metal Loss	Int	4220.28	4227.3	36.09	4.85	40.94	1120	AGM 4	928.43	AGM 5	212.20	42.000	0.375	0.375	35000		30	0.113					0.499	0.569	7:27	150	802	578	450	0.260	1.284	802	577							Pitting			
2168	Metal Loss	Int	4220.31	4227.3	36.12	4.82	40.94	1120	AGM 4	928.46	AGM 5	212.17	42.000	0.375	0.375	35000		25	0.094					0.685	0.685	6:02	150	802	577	450	0.260	1.282	801	577							Pitting			
2169	Metal Loss	Int	4220.37	4227.4	36.19	4.76	40.94	1120	AGM 4	928.52	AGM 5	212.11	42.000	0.375	0.375	35000		20	0.074					0.433	0.562	5:18	150	803	578	450	0.260	1.285	803	578							Pitting			
2170	Metal Loss	Int	4220.64	4227.6	36.46	4.49	40.94	1120	AGM 4	928.79	AGM 5	211.84	42.000	0.375	0.375	35000		19	0.070					0.401	0.559	6:52	150	803	578	450	0.260	1.285	803	578							Pitting			
2171	Metal Loss	Int	4220.67	4227.7	36.48	4.46	40.94	1120	AGM 4	928.82	AGM 5	211.81	42.000	0.375	0.375	35000		32	0.120					0.827	0.648	4:47	150	800	576	450	0.260	1.279	799	575							Pitting			
2172	Metal Loss	Int	4220.82	4227.8	36.64	4.30	40.94	1120	AGM 4	928.98	AGM 5	211.65	42.000	0.375	0.375	35000		24	0.091					0.586	0.585	4:44	150	802	578	450	0.260	1.283	802	577							Pitting			
2173	Metal Loss	Int	4220.99	4228.0	36.81	4.13	40.94	1120	AGM 4	929.15	AGM 5	211.48	42.000	0.375	0.375	35000		17	0.063					0.546	0.822	5:27	150	803	578	450	0.260	1.284	803	578							Pitting			
2174	Metal Loss	Int	4221.16	4228.2	36.98	3.97	40.94	1120	AGM 4	929.31	AGM 5	211.32	42.000	0.375	0.375	35000		15	0.058					0.548	0.680	4:48	150	803	578	450	0.260	1.285	803	578							Pitting			
2175	Metal Loss	Int	4221.22	4228.2	37.04	3.91	40.94	1120	AGM 4	929.37	AGM 5	211.26	42.000	0.375	0.375	35000		17	0.065					0.315	0.549	6:06	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2176	Metal Loss	Int	4221.32	4228.3	37.13	3.81	40.94	1120	AGM 4	929.47	AGM 5	211.16	42.000	0.375	0.375	35000		25	0.095					0.826	0.548	5:41	150	801	576	450	0.260	1.281	800	576							Pitting			
2177	Metal Loss	Int	4221.94	4229.0	37.76	3.19	40.94	1120	AGM 4	930.09	AGM 5	210.54	42.000	0.375	0.375	35000		28	0.105					0.429	0.550	6:00	150	803	578	450	0.260	1.284	802	577							Pitting			
2178	Metal Loss	Int	4222.54	4229.6	38.36	2.58	40.94	1120	AGM 4	930.70	AGM 5	209.93	42.000	0.375	0.375	35000		21	0.079					0.671	0.642	7:14	150	802	577	450	0.260	1.283	802	577							Pitting			
2179	Metal Loss	Int	4222.61	4229.7	38.43	2.51	40.94	1120	AGM 4	930.77	AGM 5	209.86	42.000	0.375	0.375	35000		24	0.091					0.972	0.747	4:50	150	800	576	450	0.260	1.280	799	575							Pitting			
2180	Metal Loss	Int	4222.81	4229.8	38.62	2.32	40.94	1120	AGM 4	930.96	AGM 5	209.67	42.000	0.375	0.375	35000		20	0.074					0.432	0.556	5:30	150	803	578	450	0.260	1.285	803	578							Pitting			
2181	Metal Loss	Int	4222.95	4230.0	38.77	2.18	40.94	1120	AGM 4	931.10	AGM 5	209.53	42.000	0.375	0.375	35000		17	0.064					0.864	0.647	6:40	150	802	577	450	0.260	1.283	801	577							Pitting			
2182	Metal Loss	Int	4223.44	4230.5	39.26	1.68	40.94	1120	AGM 4	931.60	AGM 5	209.03	42.000	0.375	0.375	35000		20	0.075					0.410	0.565	5:29	150	803	578	450	0.260	1.285	803	578							Pitting			

Feature Number (sequential order)	Pipeline Feature	INT/ EXT (ID/OD)	Odometer (feet)	Station Number (feet)	Distance to U/S weld (feet)	Distance to D/S weld (feet)	Joint Length (feet)	Defect Joint Number	Upstream (U/S) Reference Name	Upstream (U/S) Reference Distance from: (feet)	Downstream (D/S) Reference Name	Downstream (D/S) Reference Distance to: (feet)	Diameter (inch)	Nominal Wall Thickness (inch)	Measured Wall Thickness (inch)	Pipe Grade (SMYS) (psi)	Long Seam Orientation	Metal Loss Depth (%)	Metal Loss Depth (inch)	Deformation Depth (%)	Deformation Depth (inch)	Crack Depth (%)	Crack Depth (inch)	Length (inch)	Width (inch)	Orientation (O'clock)	MOP (psi)	Modified B31.G Modified B31.G P_{BURST} (psi)	Modified B31.G Modified B31.G P_{SAFE} (psi)	Design Pressure (72% SMYS) (psi)	ERF MOP / P_{SAFE}	RPR P_{BURST} / 100% SMYS	Effective Area P_{BURST} (psi)	Effective Area P_{SAFE} (psi)	Classification Group Number	Classification Group Category	XYZ Information NAD 83 Latitude	XYZ Information NAD 83 Longitude	XYZ Information NAVD 88 Elevation (feet)	Comments	POF classification	Excavation/ Repair Required (Target/Yes/AGM)	SPLC Notes	Tool Type/ Technology
2183	Metal Loss	Int	4224.00	4231.1	39.82	1.12	40.94	1120	AGM 4	932.16	AGM 5	208.47	42.000	0.375	0.375	35000		15	0.057					0.629	0.781	4:46	150	803	578	450	0.260	1.284	802	577							Pitting			
2184	Metal Loss	Int	4224.28	4231.4	40.10	0.84	40.94	1120	AGM 4	932.44	AGM 5	208.19	42.000	0.375	0.375	35000		26	0.099					0.684	0.668	7:21	150	801	577	450	0.260	1.282	801	577							Pitting			
2185	Metal Loss	Int	4224.49	4231.6	40.31	0.63	40.94	1120	AGM 4	932.65	AGM 5	207.99	42.000	0.375	0.375	35000		28	0.105					0.882	0.677	6:07	150	800	576	450	0.260	1.280	799	575							Pitting			
2186	Cluster	Int	4224.68	4231.8	40.50	0.45	40.94	1120	AGM 4	932.83	AGM 5	207.80	42.000	0.375	0.375	35000		25	0.095					1.178	1.235	4:47	150	798	574	450	0.261	1.276	800	576						CLS C				
2187	Cluster	Int	4225.12	4232.2	40.94	0.00	40.94	1120	AGM 4	933.28	AGM 5	207.35	42.000	0.375	0.375	35000		32	0.120					1.420	7.456	6:21	150	792	571	450	0.263	1.268	791	570						CLS C | On GWD				
2188	Girth Weld		4225.13	4232.2	40.94	40.85	40.85	1130	AGM 4	933.28	AGM 5	207.35	42.000	0.375	0.375	35000											150																	
2189	Metal Loss	Int	4225.24	4232.3	0.11	40.74	40.85	1130	AGM 4	933.39	AGM 5	207.24	42.000	0.375	0.375	35000		55	0.205					1.227	1.144	4:51	150	784	564	450	0.266	1.254	777	559	3	f.3				Near GWD	Pitting			
2190	Metal Loss	Int	4225.59	4232.7	0.46	40.39	40.85	1130	AGM 4	933.74	AGM 5	206.89	42.000	0.375	0.375	35000		18	0.069					0.342	0.601	6:02	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2191	Metal Loss	Int	4225.79	4232.9	0.66	40.19	40.85	1130	AGM 4	933.94	AGM 5	206.69	42.000	0.375	0.375	35000		23	0.087					0.508	0.658	4:43	150	803	578	450	0.260	1.284	802	577							Pitting			
2192	Cluster	Int	4225.85	4233.0	0.73	40.13	40.85	1130	AGM 4	934.01	AGM 5	206.63	42.000	0.375	0.375	35000		26	0.097					0.432	1.654	5:39	150	803	578	450	0.260	1.284	803	578						CLS C				
2193	Metal Loss	Int	4225.98	4233.1	0.85	40.00	40.85	1130	AGM 4	934.13	AGM 5	206.50	42.000	0.375	0.375	35000		22	0.081					0.491	0.571	4:37	150	803	578	450	0.260	1.284	803	578							Pitting			
2194	Cluster	Int	4226.09	4233.2	0.96	39.89	40.85	1130	AGM 4	934.24	AGM 5	206.39	42.000	0.375	0.375	35000		29	0.111					2.745	4.005	6:20	150	772	556	450	0.270	1.235	786	566						CLS C				
2195	Metal Loss	Int	4226.17	4233.3	1.05	39.81	40.85	1130	AGM 4	934.33	AGM 5	206.30	42.000	0.375	0.375	35000		24	0.090					0.609	0.646	4:39	150	802	577	450	0.260	1.283	802	577							Pitting			
2196	Metal Loss	Int	4226.35	4233.5	1.23	39.62	40.85	1130	AGM 4	934.51	AGM 5	206.12	42.000	0.375	0.375	35000		16	0.061					0.463	0.728	4:48	150	803	578	450	0.260	1.285	803	578							Pitting			
2197	Metal Loss	Int	4226.47	4233.6	1.34	39.51	40.85	1130	AGM 4	934.62	AGM 5	206.01	42.000	0.375	0.375	35000		15	0.058					0.715	0.649	7:18	150	802	578	450	0.260	1.284	802	577							Pitting			
2198	Cluster	Int	4226.53	4233.6	1.40	39.45	40.85	1130	AGM 4	934.68	AGM 5	205.95	42.000	0.375	0.375	35000		22	0.083					1.130	3.817	5:47	150	799	575	450	0.261	1.278	798	575						CLS C				
2199	Metal Loss	Int	4226.54	4233.7	1.42	39.44	40.85	1130	AGM 4	934.70	AGM 5	205.94	42.000	0.375	0.375	35000		23	0.085					0.733	0.890	4:49	150	802	577	450	0.260	1.283	801	577							Pitting			
2200	Metal Loss	Int	4226.77	4233.9	1.64	39.21	40.85	1130	AGM 4	934.92	AGM 5	205.71	42.000	0.375	0.375	35000		18	0.066					0.583	0.606	5:55	150	803	578	450	0.260	1.284	802	577							Pitting			
2201	Metal Loss	Int	4227.03	4234.2	1.90	38.95	40.85	1130	AGM 4	935.18	AGM 5	205.45	42.000	0.375	0.375	35000		23	0.086					0.393	0.598	5:59	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2202	Metal Loss	Int	4227.32	4234.5	2.19	38.66	40.85	1130	AGM 4	935.47	AGM 5	205.16	42.000	0.375	0.375	35000		18	0.068					0.627	0.777	4:38	150	802	578	450	0.260	1.284	802	577							Pitting			
2203	Metal Loss	Int	4227.47	4234.6	2.34	38.51	40.85	1130	AGM 4	935.62	AGM 5	205.01	42.000	0.375	0.375	35000		16	0.059					0.315	0.534	5:38	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2204	Metal Loss	Int	4227.55	4234.7	2.42	38.43	40.85	1130	AGM 4	935.70	AGM 5	204.93	42.000	0.375	0.375	35000		25	0.094					0.863	1.319	7:24	150	800	576	450	0.260	1.281	800	576							Pitting			
2205	Metal Loss	Int	4227.69	4234.8	2.56	38.29	40.85	1130	AGM 4	935.84	AGM 5	204.79	42.000	0.375	0.375	35000		17	0.065					0.492	0.622	5:24	150	803	578	450	0.260	1.285	803	578							Pitting			
2206	Metal Loss	Int	4227.69	4234.8	2.57	38.29	40.85	1130	AGM 4	935.85	AGM 5	204.79	42.000	0.375	0.375	35000		26	0.098					0.713	0.638	4:51	150	801	577	450	0.260	1.282	801	577							Pitting			
2207	Metal Loss	Int	4228.02	4235.2	2.90	37.96	40.85	1130	AGM 4	936.18	AGM 5	204.45	42.000	0.375	0.375	35000		15	0.057					1.093	0.748	7:15	150	801	577	450	0.260	1.281	800	576							Pitting			
2208	Metal Loss	Int	4228.19	4235.3	3.06	37.79	40.85	1130	AGM 4	936.34	AGM 5	204.29	42.000	0.375	0.375	35000		22	0.084					0.572	0.632	7:13	150	802	578	450	0.260	1.284	802	577							Pitting			
2209	Metal Loss	Int	4228.25	4235.4	3.12	37.73	40.85	1130	AGM 4	936.40	AGM 5	204.23	42.000	0.375	0.375	35000		19	0.069					0.502	0.753	4:41	150	803	578	450	0.260	1.285	803	578							Pitting			
2210	Metal Loss	Int	4228.32	4235.5	3.19	37.66	40.85	1130	AGM 4	936.47	AGM 5	204.16	42.000	0.375	0.375	35000		17	0.063					0.590	0.599	6:39	150	803	578	450	0.260	1.284	802	577							Pitting			
2211	Metal Loss	Int	4228.51	4235.7	3.39	37.47	40.85	1130	AGM 4	936.67	AGM 5	203.97	42.000	0.375	0.375	35000		42	0.156					0.590	0.677	4:45	150	801	576	450	0.260	1.281	800	576							Pitting			
2212	Cluster	Int	4228.94	4236.1	3.81	37.04	40.85	1130	AGM 4	937.09	AGM 5	203.54	42.000	0.375	0.375	35000		21	0.080					1.898	0.721	4:47	150	792	570	450	0.263	1.268	795	572						CLS C				
2213	Metal Loss	Int	4229.04	4236.2	3.91	36.94	40.85	1130	AGM 4	937.19	AGM 5	203.44	42.000	0.375	0.375	35000		20	0.073					0.315	0.506	5:39	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2214	Metal Loss	Int	4229.54	4236.7	4.41	36.44	40.85	1130	AGM 4	937.69	AGM 5	202.94	42.000	0.375	0.375	35000		24	0.090					0.604	0.577	7:14	150	802	578	450	0.260	1.283	802	577							Pitting			
2215	Metal Loss	Int	4229.65	4236.8	4.53	36.32	40.85	1130	AGM 4	937.81	AGM 5	202.82	42.000	0.375	0.375	35000		15	0.057					0.338	0.540	5:36	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2216	Cluster	Int	4229.96	4237.2	4.83	36.02	40.85	1130	AGM 4	938.11	AGM 5	202.52	42.000	0.375	0.375	35000		16	0.060					1.541	1.410	4:43	150	798	575	450	0.261	1.277	800	576						CLS C				
2217	Metal Loss	Int	4230.45	4237.7	5.33	35.52	40.85	1130	AGM 4	938.61	AGM 5	202.02	42.000	0.375	0.375	35000		15	0.057					0.549	0.586	7:10	150	803	578	450	0.260	1.285	803	578							Pitting			
2218	Cluster	Int	4231.16	4238.4	6.04	34.81	40.85	1130	AGM 4	939.32	AGM 5	201.31	42.000	0.375	0.375	35000		19	0.071					0.609	2.176	4:44	150	802	578	450	0.260	1.284	802	577						CLS C				
2219	Metal Loss	Int	4231.23	4238.4	6.10	34.75	40.85	1130	AGM 4	939.38	AGM 5	201.25	42.000	0.375	0.375	35000		24	0.092					0.402	0.569	6:06	150	803	578	450	0.260	1.285	803	578							Pitting			
2220	Metal Loss	Int	4231.46	4238.7	6.33	34.52	40.85	1130	AGM 4	939.61	AGM 5	201.02	42.000	0.375	0.375	35000		16	0.058					0.446	0.617	4:49	150	803	578	450	0.260	1.285	803	578							Pitting			
2221	Metal Loss	Int	4231.65	4238.9	6.53	34.33	40.85	1130	AGM 4	939.81	AGM 5	200.83	42.000	0.375	0.375	35000		21	0.080					0.454	0.565	4:41	150	803	578	450	0.260	1.285	803	578							Pitting			
2222	Metal Loss	Int	4231.83	4239.1	6.71	34.15	40.85	1130	AGM 4	939.98	AGM 5	200.65	42.000	0.375	0.375	35000		15	0.057					0.444	0.556	6:32	150	803	578	450	0.260	1.285	803	578							Pitting			
2223	Metal Loss	Int	4231.86	4239.1	6.73	34.12	40.85	1130	AGM 4	940.01	AGM 5	200.62	42.000	0.375	0.375	35000		17	0.064					0.341	0.532	6:02	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2224	Metal Loss	Int	4231.97	4239.2	6.84	34.01	40.85	1130	AGM 4	940.12	AGM 5	200.51	42.000	0.375	0.375	35000		18	0.069					0.685	0.749	7:12	150	802	578	450	0.260	1.284	802	577							Pitting			
2225	Metal Loss	Int	4232.04	4239.3	6.91	33.94	40.85	1130	AGM 4	940.19	AGM 5	200.44	42.000	0.375	0.375	35000		20	0.075					0.454	0.633	4:42	150	803	578	450	0.260	1.285	803	578							Pitting			
2226	Cluster	Int	4232.32	4239.6	7.19	33.66	40.85	1130	AGM 4	940.47	AGM 5	200.16	42.000	0.375	0.375	35000		23	0.086					1.189	0.824	4:41	150	798	575	450	0.261	1.277	800	576						CLS C				
2227	Metal Loss	Int	4232.72	4240.0	7.60	33.25	40.85	1130	AGM 4	940.88	AGM 5	199.75	42.000	0.375	0.375	35000		22	0.084					0.620	0.624	4:46	150	802	578	450	0.260	1.283	802	577							Pitting			
2228	Cluster	Int	4232.91	4240.2	7.78	33.07	40.85	1130	AGM 4	941.06	AGM 5	199.57	42.000	0.375	0.375	35000		30	0.113					1.785	2.793	7:17	150	788	567	450	0.265	1.261	792	570						CLS C				
2229	Metal Loss	Int	4232.91	4240.2	7.78	33.07	40.85	1130	AGM 4	941.06	AGM 5	199.57	42.000	0.375	0.375	35000		21	0.078					0.692	0.604	6:33	150	802	577	450	0.260	1.283	802	577							Pitting			
2230	Cluster	Int	4233.09	4240.4	7.96	32.89	40.85	1130	AGM 4	941.24	AGM 5	199.39	42.000	0.375	0.375	35000		27	0.102					0.976	2.537	4:41	150	799	575	450	0.261	1.279	799	575						CLS C				
2231	Metal Loss	Int	4233.29	4240.6	8.17	32.69	40.85	1130	AGM 4	941.45	AGM 5	199.19	42.000	0.375	0.375	35000		16	0.061					0.529	0.726	4:39	150	803	578	450	0.260	1.285	803	578							Pitting			
2232	Metal Loss	Int	4233.36	4240.6	8.23	32.62	40.85	1130	AGM 4	941.51	AGM 5	199.12	42.000	0.375	0.375	35000		19	0.071					1.345	0.984	6:42	150	798	575	450	0.261	1.277	797	574							Pitting			
2233	Metal Loss	Int	4233.40	4240.7	8.27	32.58	40.85	1130	AGM 4	941.55	AGM 5	199.08	42.000	0.375	0.375	35000		20	0.074					0.823	0.668	7:14	150	801	577	450	0.260	1.282	801	577							Pitting			
2234	Metal Loss	Int	4233.50	4240.8	8.37	32.48	40.85	1130	AGM 4	941.65	AGM 5	198.98	42.000	0.375	0.375	35000		24	0.091					0.604	0.608	4:36	150	802	577	450	0.260	1.283	802	577							Pitting			
2235	Cluster	Int	4233.71	4241.0	8.59	32.27	40.85	1130	AGM 4	941.86	AGM 5	198.77	42.000	0.375	0.375	35000		18	0.068					1.289	3.057	4:43	150	799	575	450	0.261	1.278	798	575						CLS C				
2236	Metal Loss	Int	4233.72	4241.0	8.59	32.26	40.85	1130	AGM 4	941.87	AGM 5	198.76	42.000	0.375	0.375	35000		18	0.069					0.930	0.731	7:16	150	801	577	450	0.260	1.282	801	577							Pitting			
2237	Metal Loss	Int	4233.80	4241.1	8.67	32.18	40.85	1130	AGM 4	941.95	AGM 5	198.68	42.000	0.375	0.375	35000		17	0.062					0.415	0.558	6:02	150	803	578	450	0.260	1.285	803	578							Pitting			
2238	Metal Loss	Int	4234.03	4241.3	8.90	31.95	40.85	1130	AGM 4	942.18	AGM 5	198.45	42.000	0.375	0.375	35000		26	0.099					0.612	0.614	6:32	150	802	577	450	0.260	1.283	801	577							Pitting			
2239	Metal Loss	Int	4234.08	4241.4	8.96	31.90	40.85	1130	AGM 4	942.24	AGM 5	198.39	42.000	0.375	0.375	35000		16	0.061					0.886	0.729	4:34	150	802	577	450	0.260	1.283	801	577							Pitting			
2240	Metal Loss	Int	4234.18	4241.5	9.05	31.80	40.85	1130	AGM 4	942.33	AGM 5	198.30	42.000	0.375	0.375	35000		15	0.056					0.455	0.629	7:18	150	803	578	450	0.260	1.285	803	578							Pitting			
2241	Metal Loss	Int	4234.39	4241.7	9.26	31.59	40.85	1130	AGM 4	942.54	AGM 5	198.09	42.000	0.375	0.375	35000		19	0.069					0.624	0.590	4:38	150	802	578	450	0.260	1.284	802	577							Pitting			
2242	Metal Loss	Int	4234.47	4241.8	9.34	31.51	40.85	1130	AGM 4	942.62	AGM 5	198.01	42.000	0.375	0.375	35000		21	0.078					0.315	0.503	6:08	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2243	Metal Loss	Int	4234.90	4242.2	9.77	31.08	40.85	1130	AGM 4	943.05	AGM 5	197.58	42.000	0.375	0.375	35000		16	0.060					0.587	1.004	7:15	150	803	578	450	0.260	1.284	803	578							Pitting			
2244	Cluster	Int	4234.98	4242.3	9.86	31.00	40.85	1130	AGM 4	943.14	AGM 5	197.49	42.000	0.375	0.375	35000		32	0.121					3.006	2.363	4:41	150	763	549	450	0.273	1.220	776	559						CLS C				
2245	Cluster	Int	4235.16	4242.5	10.04	30.82	40.85	1130	AGM 4	943.32	AGM 5	197.32	42.000	0.375	0.375	35000		28	0.105					1.803	1.180	6:36	150	789	568	450	0.264	1.262	798	575						CLS C				
2246	Metal Loss	Int	4235.21	4242.5	10.08	30.77	40.85	1130	AGM 4	943.36	AGM 5	197.27	42.000	0.375	0.375	35000		15	0.057					0.315	0.539	4:38	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2247	Cluster	Int	4235.36	4242.7	10.24	30.62	40.85	1130	AGM 4	943.52	AGM 5	197.11	42.000	0.375	0.375	35000		20	0.077					0.734	1.702	4:35	150	802	577	450	0.260	1.283	801	577						CLS C				
2248	Metal Loss	Int	4235.58	4242.9	10.46	30.40	40.85	1130	AGM 4	943.74	AGM 5	196.90	42.000	0.375	0.375	35000		21	0.079					0.962	1.043	7:12	150	800	576	450	0.260	1.281	800	576							Pitting			
2249	Metal Loss	Int	4235.83	4243.1	10.70	30.15	40.85	1130	AGM 4	943.98	AGM 5	196.65	42.000	0.375	0.375	35000		18	0.068					0.396	0.549	6:01	150	803	578	450	0.260	1.285	803	578							Pitting			
2250	Metal Loss	Int	4235.90	4243.2	10.77	30.08	40.85	1130	AGM 4	944.05	AGM 5	196.58	42.000	0.375	0.375	35000		21	0.079					0.330	0.550	4:46	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2251	Metal Loss	Int	4236.28	4243.6	11.16	29.70	40.85	1130	AGM 4	944.44	AGM 5	196.19	42.000	0.375	0.375	35000		23	0.087					0.474	0.567	7:13	150	803	578	450	0.260	1.284	802	577							Pitting			
2252	Metal Loss	Int	4236.76	4244.1	11.63	29.22	40.85	1130	AGM 4	944.91	AGM 5	195.72	42.000	0.375	0.375	35000		17	0.064					0.409	0.554	5:28	150	803	578	450	0.260	1.285	803	578							Pitting			
2253	Metal Loss	Int	4236.82	4244.2	11.70	29.16	40.85	1130	AGM 4	944.97	AGM 5	195.66	42.000	0.375	0.375	35000		30	0.113					0.740	0.627	4:48	150	801	576	450	0.260	1.281	800	576							Pitting			
2254	Metal Loss	Int	4237.17	4244.5	12.04	28.81	40.85	1130	AGM 4	945.32	AGM 5	195.31	42.000	0.375	0.375	35000		17	0.063					0.318	0.552	6:29	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2255	Metal Loss	Int	4237.29	4244.6	12.16	28.69	40.85	1130	AGM 4	945.44	AGM 5	195.19	42.000	0.375	0.375	35000		18	0.066					0.781	0.632	4:48	150	802	577	450	0.260	1.283	802	577							Pitting			
2256	Metal Loss	Int	4237.67	4245.0	12.54	28.31	40.85	1130	AGM 4	945.82	AGM 5	194.81	42.000	0.375	0.375	35000		16	0.059					0.330	0.605	4:50	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2257	Metal Loss	Int	4237.74	4245.1	12.61	28.24	40.85	1130	AGM 4	945.89	AGM 5	194.74	42.000	0.375	0.375	35000		24	0.090					0.371	0.870	6:05	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2258	Metal Loss	Int	4237.86	4245.2	12.73	28.12	40.85	1130	AGM 4	946.01	AGM 5	194.62	42.000	0.375	0.375	35000		18	0.068					0.842	0.696	4:40	150	802	577	450	0.260	1.282	801	577							Pitting			
2259	Metal Loss	Int	4238.09	4245.5	12.96	27.89	40.85	1130	AGM 4	946.24	AGM 5	194.39	42.000	0.375	0.375	35000		29	0.109					0.816	0.742	4:49	150	800	576	450	0.260	1.280	799	575							Pitting			
2260	Metal Loss	Int	4238.13	4245.5	13.01	27.84	40.85	1130	AGM 4	946.29	AGM 5	194.34	42.000	0.375	0.375	35000		20	0.074					0.519	0.577	6:10	150	803	578	450	0.260	1.284	803	578							Pitting			
2261	Metal Loss	Int	4238.31	4245.7	13.18	27.67	40.85	1130	AGM 4	946.46	AGM 5	194.17	42.000	0.375	0.375	35000		15	0.056					0.530	0.581	6:40	150	803	578	450	0.260	1.285	803	578							Pitting			
2262	Metal Loss	Int	4238.59	4246.0	13.47	27.38	40.85	1130	AGM 4	946.75	AGM 5	193.88	42.000	0.375	0.375	35000		24	0.092					0.624	0.702	4:47	150	802	577	450	0.260	1.283	802	577							Pitting			
2263	Metal Loss	Int	4238.75	4246.1	13.63	27.22	40.85	1130	AGM 4	946.91	AGM 5	193.72	42.000	0.375	0.375	35000		25	0.095					0.537	0.582	4:35	150	802	578	450	0.260	1.284	802	577							Pitting			
2264	Metal Loss	Int	4238.78	4246.2	13.65	27.20	40.85	1130	AGM 4	946.93	AGM 5	193.70	42.000	0.375	0.375	35000		20	0.076					0.533	0.615	6:39	150	803	578	450	0.260	1.284	802	577							Pitting			
2265	Metal Loss	Int	4238.90	4246.3	13.78	27.08	40.85	1130	AGM 4	947.06	AGM 5	193.57	42.000	0.375	0.375	35000		17	0.064					0.315	0.525	7:13	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2266	Cluster	Int	4239.00	4246.4	13.87	26.98	40.85	1130	AGM 4	947.15	AGM 5	193.48	42.000	0.375	0.375	35000		23	0.087					1.321	2.147	4:44	150	797	574	450	0.261	1.275	796	573						CLS C				
2267	Metal Loss	Int	4239.25	4246.6	14.13	26.73	40.85	1130	AGM 4	947.41	AGM 5	193.22	42.000	0.375	0.375	35000		23	0.087					0.523	0.571	5:57	150	803	578	450	0.260	1.284	802	577							Pitting			
2268	Cluster	Int	4239.42	4246.8	14.29	26.56	40.85	1130	AGM 4	947.57	AGM 5	193.06	42.000	0.375	0.375	35000		22	0.083					2.617	2.423	6:37	150	783	564	450	0.266	1.253	788	567						CLS C				
2269	Cluster	Int	4239.43	4246.8	14.30	26.55	40.85	1130	AGM 4	947.58	AGM 5	193.05	42.000	0.375	0.375	35000		32	0.119					1.666	3.132	4:40	150	789	568	450	0.264	1.262	795	572						CLS C				
2270	Cluster	Int	4239.55	4246.9	14.42	26.43	40.85	1130	AGM 4	947.70	AGM 5	192.93	42.000	0.375	0.375	35000		25	0.093					1.128	1.775	7:15	150	798	575	450	0.261	1.277	798	575						CLS C				
2271	Cluster	Int	4239.71	4247.1	14.59	26.27	40.85	1130	AGM 4	947.87	AGM 5	192.76	42.000	0.375	0.375	35000		21	0.079					1.201	2.826	4:38	150	799	575	450	0.261	1.278	798	575						CLS C				
2272	Cluster	Int	4240.03	4247.4	14.91	25.94	40.85	1130	AGM 4	948.19	AGM 5	192.44	42.000	0.375	0.375	35000		30	0.114					2.312	1.926	6:06	150	779	561	450	0.267	1.246	789	568						CLS C				
2273	Metal Loss	Int	4240.07	4247.5	14.95	25.91	40.85	1130	AGM 4	948.23	AGM 5	192.41	42.000	0.375	0.375	35000		18	0.069					0.621	1.164	4:37	150	802	578	450	0.260	1.284	802	577							Pitting			
2274	Metal Loss	Int	4240.12	4247.5	14.99	25.86	40.85	1130	AGM 4	948.27	AGM 5	192.36	42.000	0.375	0.375	35000		18	0.068					0.485	0.590	7:16	150	803	578	450	0.260	1.285	803	578							Pitting			
2275	Metal Loss	Int	4240.31	4247.7	15.18	25.67	40.85	1130	AGM 4	948.46	AGM 5	192.17	42.000	0.375	0.375	35000		16	0.061					0.402	0.551	6:15	150	803	578	450	0.260	1.285	803	578							Pitting			
2276	Metal Loss	Int	4240.32	4247.7	15.19	25.66	40.85	1130	AGM 4	948.47	AGM 5	192.16	42.000	0.375	0.375	35000		18	0.067					0.687	1.297	4:46	150	802	578	450	0.260	1.284	802	577							Pitting			
2277	Cluster	Int	4240.58	4248.0	15.45	25.40	40.85	1130	AGM 4	948.73	AGM 5	191.90	42.000	0.375	0.375	35000		29	0.110					2.380	4.169	4:39	150	779	561	450	0.267	1.246	782	563						CLS C				
2278	Metal Loss	Int	4240.67	4248.1	15.55	25.31	40.85	1130	AGM 4	948.83	AGM 5	191.81	42.000	0.375	0.375	35000		29	0.111					0.976	1.206	7:13	150	799	575	450	0.261	1.278	797	574							Pitting			
2279	Metal Loss	Int	4240.87	4248.3	15.74	25.11	40.85	1130	AGM 4	949.02	AGM 5	191.61	42.000	0.375	0.375	35000		20	0.075					0.315	0.523	7:12	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2280	Metal Loss	Int	4241.03	4248.5	15.91	24.95	40.85	1130	AGM 4	949.19	AGM 5	191.45	42.000	0.375	0.375	35000		30	0.114					0.629	0.592	7:12	150	801	577	450	0.260	1.282	801	577							Pitting			
2281	Metal Loss	Int	4241.03	4248.5	15.91	24.95	40.85	1130	AGM 4	949.19	AGM 5	191.45	42.000	0.375	0.375	35000		24	0.092					0.566	0.620	6:39	150	802	578	450	0.260	1.284	802	577							Pitting			
2282	Metal Loss	Int	4241.60	4249.0	16.47	24.38	40.85	1130	AGM 4	949.75	AGM 5	190.88	42.000	0.375	0.375	35000		22	0.082					0.571	0.660	7:24	150	802	578	450	0.260	1.284	802	577							Pitting			
2283	Cluster	Int	4241.65	4249.1	16.52	24.33	40.85	1130	AGM 4	949.80	AGM 5	190.83	42.000	0.375	0.375	35000		23	0.088					1.956	3.356	4:40	150	790	569	450	0.264	1.264	794	572						CLS C				
2284	Metal Loss	Int	4241.85	4249.3	16.72	24.13	40.85	1130	AGM 4	950.00	AGM 5	190.63	42.000	0.375	0.375	35000		22	0.084					0.644	1.036	4:42	150	802	577	450	0.260	1.283	802	577							Pitting			
2285	Metal Loss	Int	4241.98	4249.4	16.86	23.99	40.85	1130	AGM 4	950.14	AGM 5	190.49	42.000	0.375	0.375	35000		15	0.057					0.623	1.033	7:10	150	803	578	450	0.260	1.284	802	577							Pitting			
2286	Metal Loss	Int	4242.00	4249.5	16.88	23.97	40.85	1130	AGM 4	950.16	AGM 5	190.47	42.000	0.375	0.375	35000		17	0.064					0.461	0.665	6:09	150	803	578	450	0.260	1.285	803	578							Pitting			
2287	Cluster	Int	4242.01	4249.5	16.89	23.97	40.85	1130	AGM 4	950.17	AGM 5	190.46	42.000	0.375	0.375	35000		31	0.118					1.600	3.049	6:34	150	790	569	450	0.264	1.264	795	572						CLS C				
2288	Metal Loss	Int	4242.10	4249.6	16.97	23.88	40.85	1130	AGM 4	950.25	AGM 5	190.38	42.000	0.375	0.375	35000		22	0.082					0.926	0.843	4:39	150	801	576	450	0.260	1.281	800	576							Pitting			
2289	Metal Loss	Int	4242.47	4249.9	17.35	23.51	40.85	1130	AGM 4	950.63	AGM 5	190.00	42.000	0.375	0.375	35000		23	0.085					0.477	0.597	7:19	150	803	578	450	0.260	1.284	803	578							Pitting			
2290	Metal Loss	Int	4242.75	4250.2	17.62	23.23	40.85	1130	AGM 4	950.90	AGM 5	189.73	42.000	0.375	0.375	35000		25	0.093					0.776	0.819	7:11	150	801	577	450	0.260	1.282	800	576							Pitting			
2291	Metal Loss	Int	4242.89	4250.4	17.76	23.09	40.85	1130	AGM 4	951.04	AGM 5	189.59	42.000	0.375	0.375	35000		24	0.090					0.663	0.646	4:46	150	802	577	450	0.260	1.283	801	577							Pitting			
2292	Metal Loss	Int	4243.10	4250.6	17.97	22.88	40.85	1130	AGM 4	951.25	AGM 5	189.38	42.000	0.375	0.375	35000		18	0.066					0.800	1.632	7:11	150	802	577	450	0.260	1.283	801	577							Circumferential Grooving			
2293	Metal Loss	Int	4243.24	4250.7	18.11	22.74	40.85	1130	AGM 4	951.39	AGM 5	189.24	42.000	0.375	0.375	35000		23	0.087					0.484	0.569	6:36	150	803	578	450	0.260	1.284	802	577							Pitting			
2294	Metal Loss	Int	4243.38	4250.9	18.25	22.60	40.85	1130	AGM 4	951.53	AGM 5	189.10	42.000	0.375	0.375	35000		26	0.097					0.522	0.547	7:10	150	802	578	450	0.260	1.284	802	577							Pitting			
2295	Metal Loss	Int	4243.54	4251.0	18.41	22.44	40.85	1130	AGM 4	951.69	AGM 5	188.94	42.000	0.375	0.375	35000		18	0.069					0.980	0.754	4:36	150	801	577	450	0.260	1.281	800	576							Pitting			
2296	Cluster	Int	4243.62	4251.1	18.49	22.36	40.85	1130	AGM 4	951.77	AGM 5	188.86	42.000	0.375	0.375	35000		25	0.092					2.057	1.417	7:18	150	788	567	450	0.265	1.261	796	573						CLS C				
2297	Metal Loss	Int	4243.65	4251.1	18.52	22.33	40.85	1130	AGM 4	951.80	AGM 5	188.83	42.000	0.375	0.375	35000		26	0.098					0.324	0.538	6:18	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2298	Metal Loss	Int	4243.83	4251.3	18.70	22.15	40.85	1130	AGM 4	951.98	AGM 5	188.65	42.000	0.375	0.375	35000		17	0.065					0.606	1.045	7:13	150	803	578	450	0.260	1.284	802	577							Pitting			
2299	Metal Loss	Int	4244.04	4251.5	18.92	21.94	40.85	1130	AGM 4	952.19	AGM 5	188.44	42.000	0.375	0.375	35000		17	0.065					0.571	0.601	7:16	150	803	578	450	0.260	1.284	802	577							Pitting			
2300	Metal Loss	Int	4244.08	4251.6	18.96	21.90	40.85	1130	AGM 4	952.24	AGM 5	188.39	42.000	0.375	0.375	35000		34	0.127					0.804	1.072	6:33	150	799	576	450	0.260	1.279	798	575							Pitting			
2301	Metal Loss	Int	4244.12	4251.6	18.99	21.86	40.85	1130	AGM 4	952.27	AGM 5	188.36	42.000	0.375	0.375	35000		21	0.079					0.747	0.788	4:43	150	802	577	450	0.260	1.283	801	577							Pitting			
2302	Metal Loss	Int	4244.14	4251.6	19.01	21.84	40.85	1130	AGM 4	952.29	AGM 5	188.34	42.000	0.375	0.375	35000		15	0.057					0.407	0.557	6:09	150	803	578	450	0.260	1.285	803	578							Pitting			
2303	Metal Loss	Int	4244.19	4251.7	19.06	21.79	40.85	1130	AGM 4	952.34	AGM 5	188.29	42.000	0.375	0.375	35000		15	0.057					0.526	1.055	7:17	150	803	578	450	0.260	1.285	803	578							Circumferential Grooving			
2304	Metal Loss	Int	4244.49	4252.0	19.36	21.49	40.85	1130	AGM 4	952.64	AGM 5	187.99	42.000	0.375	0.375	35000		21	0.078					0.652	0.601	6:37	150	802	578	450	0.260	1.283	802	577							Pitting			
2305	Cluster	Int	4244.77	4252.3	19.65	21.21	40.85	1130	AGM 4	952.93	AGM 5	187.71	42.000	0.375	0.375	35000		39	0.148					2.643	2.433	7:15	150	760	547	450	0.274	1.215	778	560						CLS C				
2306	Metal Loss	Int	4244.88	4252.4	19.76	21.09	40.85	1130	AGM 4	953.04	AGM 5	187.59	42.000	0.375	0.375	35000		38	0.142					0.594	0.566	6:37	150	801	577	450	0.260	1.281	800	576							Pitting			
2307	Metal Loss	Int	4245.07	4252.6	19.94	20.91	40.85	1130	AGM 4	953.22	AGM 5	187.41	42.000	0.375	0.375	35000		20	0.076					0.569	0.624	6:30	150	803	578	450	0.260	1.284	802	577							Pitting			
2308	Metal Loss	Int	4245.15	4252.7	20.02	20.83	40.85	1130	AGM 4	953.30	AGM 5	187.33	42.000	0.375	0.375	35000		16	0.060					0.501	0.692	4:45	150	803	578	450	0.260	1.285	803	578							Pitting			
2309	Cluster	Int	4245.18	4252.7	20.06	20.80	40.85	1130	AGM 4	953.34	AGM 5	187.30	42.000	0.375	0.375	35000		29	0.110					1.513	2.289	6:42	150	792	571	450	0.263	1.268	799	575						CLS C				
2310	Cluster	Int	4245.39	4252.9	20.27	20.59	40.85	1130	AGM 4	953.55	AGM 5	187.09	42.000	0.375	0.375	35000		20	0.076					2.083	4.313	7:18	150	791	569	450	0.264	1.266	791	570						CLS C				
2311	Metal Loss	Int	4245.54	4253.1	20.41	20.44	40.85	1130	AGM 4	953.69	AGM 5	186.94	42.000	0.375	0.375	35000		30	0.112					0.660	0.598	6:37	150	801	577	450	0.260	1.282	801	577							Pitting			
2312	Metal Loss	Int	4245.82	4253.4	20.69	20.16	40.85	1130	AGM 4	953.97	AGM 5	186.66	42.000	0.375	0.375	35000		23	0.086					0.722	0.732	7:11	150	802	577	450	0.260	1.283	801	577							Pitting			
2313	Metal Loss	Int	4246.05	4253.6	20.92	19.93	40.85	1130	AGM 4	954.20	AGM 5	186.43	42.000	0.375	0.375	35000		28	0.104					0.770	0.982	4:38	150	801	577	450	0.260	1.281	800	576							Pitting			
2314	Metal Loss	Int	4246.09	4253.6	20.97	19.89	40.85	1130	AGM 4	954.25	AGM 5	186.39	42.000	0.375	0.375	35000		21	0.078					0.735	1.114	7:10	150	802	577	450	0.260	1.283	801	577							Pitting			
2315	Metal Loss	Int	4246.12	4253.7	20.99	19.86	40.85	1130	AGM 4	954.27	AGM 5	186.36	42.000	0.375	0.375	35000		17	0.063					0.540	0.591	6:38	150	803	578	450	0.260	1.284	803	578							Pitting			
2316	Metal Loss	Int	4246.15	4253.7	21.02	19.83	40.85	1130	AGM 4	954.30	AGM 5	186.33	42.000	0.375	0.375	35000		17	0.062					0.401	0.559	6:01	150	803	578	450	0.260	1.285	803	578							Pitting			
2317	Metal Loss	Int	4246.47	4254.0	21.34	19.51	40.85	1130	AGM 4	954.62	AGM 5	186.01	42.000	0.375	0.375	35000		18	0.067					0.404	0.696	6:06	150	803	578	450	0.260	1.285	803	578							Pitting			
2318	Metal Loss	Int	4246.63	4254.2	21.51	19.35	40.85	1130	AGM 4	954.79	AGM 5	185.84	42.000	0.375	0.375	35000		18	0.067					0.673	0.975	7:10	150	802	578	450	0.260	1.284	802	577							Pitting			
2319	Metal Loss	Int	4246.88	4254.4	21.75	19.10	40.85	1130	AGM 4	955.03	AGM 5	185.60	42.000	0.375	0.375	35000		15	0.057					0.337	0.548	7:11	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2320	Metal Loss	Int	4247.12	4254.7	21.99	18.86	40.85	1130	AGM 4	955.27	AGM 5	185.36	42.000	0.375	0.375	35000		21	0.079					0.361	0.555	6:39	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2321	Metal Loss	Int	4247.17	4254.7	22.05	18.81	40.85	1130	AGM 4	955.33	AGM 5	185.31	42.000	0.375	0.375	35000		16	0.060					0.636	0.788	4:35	150	803	578	450	0.260	1.284	802	577							Pitting			
2322	Metal Loss	Int	4247.35	4254.9	22.22	18.63	40.85	1130	AGM 4	955.50	AGM 5	185.13	42.000	0.375	0.375	35000		19	0.072					0.370	0.544	6:03	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2323	Metal Loss	Int	4247.38	4254.9	22.25	18.60	40.85	1130	AGM 4	955.53	AGM 5	185.10	42.000	0.375	0.375	35000		20	0.075					0.804	0.725	7:11	150	801	577	450	0.260	1.282	801	577							Pitting			
2324	Metal Loss	Int	4247.41	4255.0	22.29	18.57	40.85	1130	AGM 4	955.57	AGM 5	185.07	42.000	0.375	0.375	35000		24	0.092					0.672	0.597	6:40	150	802	577	450	0.260	1.283	801	577							Pitting			
2325	Metal Loss	Int	4247.48	4255.0	22.35	18.50	40.85	1130	AGM 4	955.63	AGM 5	185.00	42.000	0.375	0.375	35000		18	0.067					0.378	0.558	4:33	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2326	Metal Loss	Int	4247.73	4255.3	22.60	18.25	40.85	1130	AGM 4	955.88	AGM 5	184.75	42.000	0.375	0.375	35000		20	0.076					0.633	0.986	7:12	150	802	578	450	0.260	1.284	802	577							Pitting			
2327	Cluster	Int	4247.79	4255.4	22.66	18.19	40.85	1130	AGM 4	955.94	AGM 5	184.69	42.000	0.375	0.375	35000		22	0.084					3.057	1.808	6:37	150	777	559	450	0.268	1.243	786	566						CLS C				
2328	Cluster	Int	4247.95	4255.5	22.83	18.03	40.85	1130	AGM 4	956.11	AGM 5	184.53	42.000	0.375	0.375	35000		21	0.078					1.112	2.201	4:42	150	799	576	450	0.260	1.279	799	575						CLS C				
2329	Metal Loss	Int	4248.20	4255.8	23.07	17.78	40.85	1130	AGM 4	956.35	AGM 5	184.28	42.000	0.375	0.375	35000		21	0.078					0.815	1.215	6:19	150	801	577	450	0.260	1.282	801	577							Pitting			
2330	Cluster	Int	4248.21	4255.8	23.08	17.77	40.85	1130	AGM 4	956.36	AGM 5	184.27	42.000	0.375	0.375	35000		24	0.090					2.093	3.373	7:16	150	788	567	450	0.265	1.261	795	572						CLS C				
2331	Metal Loss	Int	4248.25	4255.8	23.12	17.73	40.85	1130	AGM 4	956.40	AGM 5	184.23	42.000	0.375	0.375	35000		26	0.098					0.646	0.698	5:41	150	802	577	450	0.260	1.283	801	577							Pitting			
2332	Metal Loss	Int	4248.43	4256.0	23.31	17.55	40.85	1130	AGM 4	956.59	AGM 5	184.05	42.000	0.375	0.375	35000		15	0.058					0.456	0.564	6:07	150	803	578	450	0.260	1.285	803	578							Pitting			
2333	Metal Loss	Int	4248.59	4256.2	23.46	17.39	40.85	1130	AGM 4	956.74	AGM 5	183.89	42.000	0.375	0.375	35000		17	0.063					0.315	0.550	6:07	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2334	Metal Loss	Int	4248.60	4256.2	23.47	17.38	40.85	1130	AGM 4	956.75	AGM 5	183.88	42.000	0.375	0.375	35000		18	0.066					0.761	0.867	4:42	150	802	577	450	0.260	1.283	802	577							Pitting			
2335	Metal Loss	Int	4248.64	4256.2	23.51	17.34	40.85	1130	AGM 4	956.79	AGM 5	183.84	42.000	0.375	0.375	35000		15	0.057					0.359	0.537	7:07	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2336	Metal Loss	Int	4248.85	4256.5	23.73	17.13	40.85	1130	AGM 4	957.01	AGM 5	183.63	42.000	0.375	0.375	35000		21	0.079					0.462	0.567	6:50	150	803	578	450	0.260	1.285	803	578							Pitting			
2337	Metal Loss	Int	4248.87	4256.5	23.74	17.11	40.85	1130	AGM 4	957.02	AGM 5	183.61	42.000	0.375	0.375	35000		22	0.083					0.538	0.700	7:11	150	803	578	450	0.260	1.284	802	577							Pitting			
2338	Metal Loss	Int	4249.05	4256.7	23.92	16.93	40.85	1130	AGM 4	957.20	AGM 5	183.43	42.000	0.375	0.375	35000		16	0.058					0.581	0.691	4:40	150	803	578	450	0.260	1.284	803	578							Pitting			
2339	Metal Loss	Int	4249.15	4256.8	24.02	16.83	40.85	1130	AGM 4	957.30	AGM 5	183.33	42.000	0.375	0.375	35000		32	0.119					0.648	0.667	6:00	150	801	577	450	0.260	1.282	801	577							Pitting			
2340	Metal Loss	Int	4249.24	4256.8	24.11	16.74	40.85	1130	AGM 4	957.39	AGM 5	183.24	42.000	0.375	0.375	35000		23	0.087					0.840	0.696	7:09	150	801	577	450	0.260	1.281	800	576							Pitting			
2341	Metal Loss	Int	4249.27	4256.9	24.14	16.71	40.85	1130	AGM 4	957.42	AGM 5	183.21	42.000	0.375	0.375	35000		19	0.072					0.652	0.641	7:29	150	802	578	450	0.260	1.284	802	577							Pitting			
2342	Metal Loss	Int	4249.48	4257.1	24.35	16.50	40.85	1130	AGM 4	957.63	AGM 5	183.00	42.000	0.375	0.375	35000		23	0.085					1.077	0.571	6:34	150	799	575	450	0.261	1.279	798	575							Pitting			
2343	Cluster	Int	4249.48	4257.1	24.35	16.50	40.85	1130	AGM 4	957.63	AGM 5	183.00	42.000	0.375	0.375	35000		24	0.091					2.250	1.605	4:38	150	786	566	450	0.265	1.257	790	569						CLS C				
2344	Cluster	Int	4249.55	4257.2	24.43	16.42	40.85	1130	AGM 4	957.71	AGM 5	182.92	42.000	0.375	0.375	35000		20	0.075					1.763	2.069	7:12	150	794	572	450	0.262	1.271	798	575						CLS C				
2345	Metal Loss	Int	4249.75	4257.4	24.62	16.23	40.85	1130	AGM 4	957.90	AGM 5	182.73	42.000	0.375	0.375	35000		17	0.063					0.454	0.603	5:26	150	803	578	450	0.260	1.285	803	578							Pitting			
2346	Cluster	Int	4249.81	4257.4	24.69	16.17	40.85	1130	AGM 4	957.96	AGM 5	182.67	42.000	0.375	0.375	35000		31	0.118					0.795	1.711	7:20	150	800	576	450	0.260	1.280	800	576						CLS C				
2347	Metal Loss	Int	4249.84	4257.5	24.71	16.14	40.85	1130	AGM 4	957.99	AGM 5	182.64	42.000	0.375	0.375	35000		28	0.106					0.707	0.671	4:33	150	801	577	450	0.260	1.282	800	576							Pitting			
2348	Metal Loss	Int	4250.00	4257.6	24.87	15.98	40.85	1130	AGM 4	958.15	AGM 5	182.48	42.000	0.375	0.375	35000		24	0.092					0.610	0.621	6:07	150	802	577	450	0.260	1.283	802	577							Pitting			
2349	Metal Loss	Int	4250.01	4257.6	24.89	15.97	40.85	1130	AGM 4	958.17	AGM 5	182.46	42.000	0.375	0.375	35000		24	0.091					0.507	0.572	5:35	150	803	578	450	0.260	1.284	802	577							Pitting			
2350	Metal Loss	Int	4250.30	4257.9	25.18	15.68	40.85	1130	AGM 4	958.46	AGM 5	182.17	42.000	0.375	0.375	35000		20	0.077					0.391	0.545	6:00	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2351	Metal Loss	Int	4250.33	4258.0	25.21	15.65	40.85	1130	AGM 4	958.48	AGM 5	182.15	42.000	0.375	0.375	35000		47	0.175					1.043	0.904	4:42	150	793	571	450	0.263	1.268	789	568							Pitting			
2352	Cluster	Int	4250.68	4258.3	25.55	15.30	40.85	1130	AGM 4	958.83	AGM 5	181.80	42.000	0.375	0.375	35000		22	0.082					1.341	1.383	7:14	150	797	574	450	0.261	1.276	798	575						CLS C				
2353	Metal Loss	Int	4250.81	4258.4	25.68	15.17	40.85	1130	AGM 4	958.96	AGM 5	181.67	42.000	0.375	0.375	35000		18	0.068					0.402	0.560	5:58	150	803	578	450	0.260	1.285	803	578							Pitting			
2354	Metal Loss	Int	4251.09	4258.7	25.97	14.89	40.85	1130	AGM 4	959.25	AGM 5	181.38	42.000	0.375	0.375	35000		19	0.070					0.611	0.713	4:33	150	802	578	450	0.260	1.284	802	577							Pitting			
2355	Cluster	Int	4251.14	4258.8	26.01	14.84	40.85	1130	AGM 4	959.29	AGM 5	181.34	42.000	0.375	0.375	35000		32	0.119					0.697	3.382	7:19	150	801	577	450	0.260	1.281	800	576						CLS C				
2356	Metal Loss	Int	4251.23	4258.9	26.10	14.75	40.85	1130	AGM 4	959.38	AGM 5	181.25	42.000	0.375	0.375	35000		17	0.065					0.728	0.635	5:57	150	802	578	450	0.260	1.283	802	577							Pitting			
2357	Metal Loss	Int	4251.43	4259.1	26.30	14.55	40.85	1130	AGM 4	959.58	AGM 5	181.05	42.000	0.375	0.375	35000		24	0.090					0.549	0.617	6:32	150	802	578	450	0.260	1.284	802	577							Pitting			
2358	Cluster	Int	4251.57	4259.2	26.44	14.41	40.85	1130	AGM 4	959.72	AGM 5	180.91	42.000	0.375	0.375	35000		38	0.141					2.191	4.948	7:19	150	773	557	450	0.269	1.237	786	566						CLS C				
2359	Metal Loss	Int	4251.62	4259.3	26.49	14.36	40.85	1130	AGM 4	959.77	AGM 5	180.86	42.000	0.375	0.375	35000		29	0.108					0.570	0.677	6:35	150	802	577	450	0.260	1.283	802	577							Pitting			
2360	Cluster	Int	4251.70	4259.4	26.57	14.28	40.85	1130	AGM 4	959.85	AGM 5	180.78	42.000	0.375	0.375	35000		19	0.070					2.089	2.561	4:36	150	792	570	450	0.263	1.267	796	573						CLS C				
2361	Metal Loss	Int	4252.00	4259.7	26.87	13.98	40.85	1130	AGM 4	960.15	AGM 5	180.48	42.000	0.375	0.375	35000		21	0.078					0.714	0.612	7:08	150	802	577	450	0.260	1.283	801	577							Pitting			
2362	Metal Loss	Int	4252.05	4259.7	26.92	13.93	40.85	1130	AGM 4	960.20	AGM 5	180.43	42.000	0.375	0.375	35000		34	0.128					0.662	0.626	4:38	150	801	577	450	0.260	1.281	800	576							Pitting			
2363	Metal Loss	Int	4252.24	4259.9	27.11	13.74	40.85	1130	AGM 4	960.39	AGM 5	180.24	42.000	0.375	0.375	35000		24	0.092					0.388	0.554	6:40	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2364	Metal Loss	Int	4252.25	4259.9	27.12	13.73	40.85	1130	AGM 4	960.40	AGM 5	180.23	42.000	0.375	0.375	35000		19	0.071					0.462	0.629	7:15	150	803	578	450	0.260	1.285	803	578							Pitting			
2365	Metal Loss	Int	4252.41	4260.1	27.29	13.57	40.85	1130	AGM 4	960.57	AGM 5	180.06	42.000	0.375	0.375	35000		20	0.075					0.529	0.576	7:24	150	803	578	450	0.260	1.284	802	577							Pitting			

Feature Number (sequential order)	Pipeline Feature	INT/ EXT (ID/OD)	Odometer	Station Number	Distance to U/S weld	Distance to D/S weld	Joint Length	Defect Joint Number	Upstream (U/S) Reference Name	Upstream (U/S) Reference Distance from:	Downstream (D/S) Reference Name	Downstream (D/S) Reference Distance to:	Diameter	Nominal Wall Thickness	Measured Wall Thickness	Pipe Grade (SMYS)	Long Seam Orientation	Metal Loss Depth	Metal Loss Depth	Deformation Depth	Deformation Depth	Crack Depth	Crack Depth	Length	Width	Orientation	MOP	Modified B31.G Modified B31.G P_{BURST}	Modified B31.G Modified B31.G P_{SAFE}	Design Pressure (72% SMYS)	ERF MOP / P_{SAFE}	RPR P_{BURST} / 100% SMYS	Effective Area P_{BURST}	Effective Area P_{SAFE}	Classification Group Number	Classification Group Category	XYZ Information NAD 83 Latitude	XYZ Information NAD 83 Longitude	XYZ Information NAVD 88 Elevation	Comments	POF classification	Excavation/ Repair Required	SPLC Notes	Tool Type/ Technology
			(feet)	(feet)	(feet)	(feet)	(feet)			(feet)		(feet)	(inch)	(inch)	(inch)	(psi)		(%)	(inch)	(%)	(inch)	(%)	(inch)	(inch)	(inch)	(O'clock)	(psi)	(psi)	(psi)	(psi)			(psi)	(psi)					(feet)			Target/Yes/AGM		
2366	Metal Loss	Int	4252.57	4260.2	27.44	13.41	40.85	1130	AGM 4	960.72	AGM 5	179.91	42.000	0.375	0.375	35000		24	0.092					0.730	1.014	5:36	150	801	577	450	0.260	1.282	801	577							Pitting			
2367	Metal Loss	Int	4252.58	4260.3	27.45	13.40	40.85	1130	AGM 4	960.73	AGM 5	179.90	42.000	0.375	0.375	35000		24	0.088					0.475	0.616	7:19	150	803	578	450	0.260	1.284	802	577							Pitting			
2368	Metal Loss	Int	4252.61	4260.3	27.49	13.36	40.85	1130	AGM 4	960.77	AGM 5	179.86	42.000	0.375	0.375	35000		23	0.087					0.525	0.585	6:34	150	803	578	450	0.260	1.284	802	577							Pitting			
2369	Metal Loss	Int	4252.65	4260.3	27.52	13.33	40.85	1130	AGM 4	960.80	AGM 5	179.83	42.000	0.375	0.375	35000		25	0.093					0.593	0.691	4:42	150	802	577	450	0.260	1.283	802	577							Pitting			
2370	Metal Loss	Int	4252.83	4260.5	27.71	13.14	40.85	1130	AGM 4	960.99	AGM 5	179.64	42.000	0.375	0.375	35000		21	0.078					0.449	0.599	6:01	150	803	578	450	0.260	1.285	803	578							Pitting			
2371	Metal Loss	Int	4253.01	4260.7	27.88	12.97	40.85	1130	AGM 4	961.16	AGM 5	179.47	42.000	0.375	0.375	35000		36	0.136					0.646	0.626	7:20	150	801	576	450	0.260	1.281	800	576							Pitting			
2372	Metal Loss	Int	4253.05	4260.7	27.92	12.93	40.85	1130	AGM 4	961.20	AGM 5	179.43	42.000	0.375	0.375	35000		32	0.119					1.060	0.835	6:37	150	797	574	450	0.261	1.275	796	573							Pitting			
2373	Metal Loss	Int	4253.27	4261.0	28.15	12.71	40.85	1130	AGM 4	961.43	AGM 5	179.20	42.000	0.375	0.375	35000		16	0.058					0.365	0.540	4:40	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2374	Cluster	Int	4253.34	4261.0	28.21	12.64	40.85	1130	AGM 4	961.49	AGM 5	179.14	42.000	0.375	0.375	35000		27	0.101					1.454	3.345	7:18	150	794	572	450	0.262	1.271	793	571						CLS C				
2375	Metal Loss	Int	4253.51	4261.2	28.39	12.46	40.85	1130	AGM 4	961.67	AGM 5	178.96	42.000	0.375	0.375	35000		16	0.059					0.530	0.611	6:40	150	803	578	450	0.260	1.285	803	578							Pitting			
2376	Cluster	Int	4253.54	4261.2	28.41	12.44	40.85	1130	AGM 4	961.69	AGM 5	178.94	42.000	0.375	0.375	35000		29	0.110					2.247	1.640	4:40	150	781	562	450	0.267	1.250	790	569						CLS C				
2377	Metal Loss	Int	4253.55	4261.2	28.42	12.43	40.85	1130	AGM 4	961.70	AGM 5	178.93	42.000	0.375	0.375	35000		33	0.123					0.712	0.664	7:19	150	800	576	450	0.260	1.281	800	576							Pitting			
2378	Cluster	Int	4253.80	4261.5	28.68	12.17	40.85	1130	AGM 4	961.96	AGM 5	178.67	42.000	0.375	0.375	35000		26	0.098					1.729	0.843	7:27	150	791	570	450	0.263	1.266	797	574						CLS C				
2379	Metal Loss	Int	4253.83	4261.5	28.70	12.15	40.85	1130	AGM 4	961.98	AGM 5	178.65	42.000	0.375	0.375	35000		21	0.077					0.830	0.704	4:44	150	801	577	450	0.260	1.282	801	577							Pitting			
2380	Metal Loss	Int	4253.96	4261.7	28.83	12.02	40.85	1130	AGM 4	962.11	AGM 5	178.52	42.000	0.375	0.375	35000		24	0.090					0.551	0.768	6:38	150	802	578	450	0.260	1.284	802	577							Pitting			
2381	Metal Loss	Int	4254.03	4261.7	28.91	11.94	40.85	1130	AGM 4	962.19	AGM 5	178.44	42.000	0.375	0.375	35000		16	0.058					0.376	0.550	6:10	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2382	Cluster	Int	4254.08	4261.8	28.96	11.89	40.85	1130	AGM 4	962.24	AGM 5	178.39	42.000	0.375	0.375	35000		45	0.167					2.311	3.188	7:18	150	761	548	450	0.274	1.217	786	566						CLS C				
2383	Cluster	Int	4254.28	4262.0	29.15	11.70	40.85	1130	AGM 4	962.43	AGM 5	178.20	42.000	0.375	0.375	35000		27	0.101					1.156	1.668	4:41	150	798	574	450	0.261	1.276	798	575						CLS C				
2384	Metal Loss	Int	4254.33	4262.0	29.21	11.65	40.85	1130	AGM 4	962.48	AGM 5	178.15	42.000	0.375	0.375	35000		22	0.083					0.315	0.550	7:22	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2385	Metal Loss	Int	4254.45	4262.2	29.32	11.53	40.85	1130	AGM 4	962.60	AGM 5	178.03	42.000	0.375	0.375	35000		17	0.064					0.444	0.578	6:40	150	803	578	450	0.260	1.285	803	578							Pitting			
2386	Metal Loss	Int	4254.60	4262.3	29.47	11.38	40.85	1130	AGM 4	962.75	AGM 5	177.88	42.000	0.375	0.375	35000		21	0.077					0.588	0.793	7:29	150	802	578	450	0.260	1.284	802	577							Pitting			
2387	Metal Loss	Int	4254.66	4262.4	29.54	11.32	40.85	1130	AGM 4	962.82	AGM 5	177.81	42.000	0.375	0.375	35000		25	0.095					0.567	0.606	7:11	150	802	578	450	0.260	1.283	802	577							Pitting			
2388	Metal Loss	Int	4254.67	4262.4	29.54	11.31	40.85	1130	AGM 4	962.82	AGM 5	177.81	42.000	0.375	0.375	35000		29	0.110					0.793	0.806	6:33	150	800	576	450	0.260	1.280	799	575							Pitting			
2389	Metal Loss	Int	4254.71	4262.4	29.58	11.27	40.85	1130	AGM 4	962.86	AGM 5	177.77	42.000	0.375	0.375	35000		28	0.105					0.588	0.641	6:05	150	802	577	450	0.260	1.283	801	577							Pitting			
2390	Metal Loss	Int	4254.85	4262.6	29.72	11.13	40.85	1130	AGM 4	963.00	AGM 5	177.63	42.000	0.375	0.375	35000		16	0.060					0.506	0.612	6:02	150	803	578	450	0.260	1.285	803	578							Pitting			
2391	Metal Loss	Int	4254.89	4262.6	29.76	11.09	40.85	1130	AGM 4	963.04	AGM 5	177.59	42.000	0.375	0.375	35000		27	0.101					0.982	0.562	4:43	150	799	575	450	0.261	1.279	798	575							Pitting			
2392	Cluster	Int	4254.98	4262.7	29.86	11.00	40.85	1130	AGM 4	963.14	AGM 5	177.50	42.000	0.375	0.375	35000		26	0.096					1.761	1.275	6:40	150	791	570	450	0.263	1.266	799	575						CLS C				
2393	Metal Loss	Int	4254.98	4262.7	29.86	11.00	40.85	1130	AGM 4	963.14	AGM 5	177.49	42.000	0.375	0.375	35000		22	0.081					0.425	0.552	7:17	150	803	578	450	0.260	1.285	803	578							Pitting			
2394	Cluster	Int	4255.34	4263.1	30.21	10.64	40.85	1130	AGM 4	963.49	AGM 5	177.14	42.000	0.375	0.375	35000		21	0.080					1.740	1.221	6:37	150	794	572	450	0.262	1.270	796	573						CLS C				
2395	Metal Loss	Int	4255.34	4263.1	30.22	10.64	40.85	1130	AGM 4	963.50	AGM 5	177.13	42.000	0.375	0.375	35000		32	0.120					0.588	0.619	7:28	150	802	577	450	0.260	1.282	801	577							Pitting			
2396	Metal Loss	Int	4255.38	4263.1	30.25	10.60	40.85	1130	AGM 4	963.53	AGM 5	177.10	42.000	0.375	0.375	35000		24	0.091					0.669	0.646	7:11	150	802	577	450	0.260	1.283	801	577							Pitting			
2397	Metal Loss	Int	4255.61	4263.4	30.49	10.37	40.85	1130	AGM 4	963.77	AGM 5	176.86	42.000	0.375	0.375	35000		16	0.061					0.480	0.601	6:37	150	803	578	450	0.260	1.285	803	578							Pitting			
2398	Metal Loss	Int	4255.63	4263.4	30.51	10.35	40.85	1130	AGM 4	963.79	AGM 5	176.85	42.000	0.375	0.375	35000		18	0.069					0.581	0.628	7:27	150	803	578	450	0.260	1.284	802	577							Pitting			
2399	Metal Loss	Int	4255.69	4263.4	30.56	10.29	40.85	1130	AGM 4	963.84	AGM 5	176.79	42.000	0.375	0.375	35000		22	0.082					0.623	0.640	7:11	150	802	578	450	0.260	1.283	802	577							Pitting			
2400	Metal Loss	Int	4255.76	4263.5	30.64	10.22	40.85	1130	AGM 4	963.92	AGM 5	176.72	42.000	0.375	0.375	35000		21	0.080					0.623	0.861	5:58	150	802	578	450	0.260	1.284	802	577							Pitting			
2401	Metal Loss	Int	4255.86	4263.6	30.74	10.12	40.85	1130	AGM 4	964.02	AGM 5	176.62	42.000	0.375	0.375	35000		18	0.069					0.691	0.814	4:41	150	802	578	450	0.260	1.283	802	577							Pitting			
2402	Metal Loss	Int	4255.94	4263.7	30.82	10.04	40.85	1130	AGM 4	964.09	AGM 5	176.54	42.000	0.375	0.375	35000		47	0.175					0.816	0.668	7:23	150	797	574	450	0.261	1.275	794	572							Pitting			
2403	Metal Loss	Int	4256.07	4263.8	30.94	9.91	40.85	1130	AGM 4	964.22	AGM 5	176.41	42.000	0.375	0.375	35000		22	0.084					0.560	0.629	6:05	150	802	578	450	0.260	1.284	802	577							Pitting			
2404	Metal Loss	Int	4256.10	4263.9	30.98	9.87	40.85	1130	AGM 4	964.26	AGM 5	176.37	42.000	0.375	0.375	35000		25	0.095					0.649	1.048	7:21	150	802	577	450	0.260	1.283	801	577							Pitting			
2405	Metal Loss	Int	4256.22	4264.0	31.10	9.76	40.85	1130	AGM 4	964.37	AGM 5	176.26	42.000	0.375	0.375	35000		19	0.073					0.438	0.576	6:03	150	803	578	450	0.260	1.285	803	578							Pitting			
2406	Metal Loss	Int	4256.35	4264.1	31.22	9.63	40.85	1130	AGM 4	964.50	AGM 5	176.13	42.000	0.375	0.375	35000		28	0.107					0.633	0.723	4:47	150	802	577	450	0.260	1.282	801	577							Pitting			
2407	Cluster	Int	4256.44	4264.2	31.32	9.54	40.85	1130	AGM 4	964.60	AGM 5	176.04	42.000	0.375	0.375	35000		27	0.101					1.813	2.399	7:22	150	790	568	450	0.264	1.263	790	569						CLS C				
2408	Metal Loss	Int	4256.49	4264.3	31.37	9.49	40.85	1130	AGM 4	964.65	AGM 5	175.98	42.000	0.375	0.375	35000		24	0.089					0.704	0.748	6:40	150	802	577	450	0.260	1.283	801	577							Pitting			
2409	Metal Loss	Int	4256.51	4264.3	31.38	9.47	40.85	1130	AGM 4	964.66	AGM 5	175.97	42.000	0.375	0.375	35000		20	0.077					0.357	0.541	6:07	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2410	Metal Loss	Int	4256.65	4264.4	31.53	9.32	40.85	1130	AGM 4	964.81	AGM 5	175.82	42.000	0.375	0.375	35000		22	0.081					0.544	0.646	6:31	150	803	578	450	0.260	1.284	802	577							Pitting			
2411	Cluster	Int	4256.72	4264.5	31.59	9.26	40.85	1130	AGM 4	964.87	AGM 5	175.76	42.000	0.375	0.375	35000		42	0.157					1.516	3.018	7:26	150	785	565	450	0.265	1.256	791	570						CLS C				
2412	Cluster	Int	4256.74	4264.5	31.62	9.24	40.85	1130	AGM 4	964.90	AGM 5	175.73	42.000	0.375	0.375	35000		22	0.083					0.876	2.013	4:40	150	801	577	450	0.260	1.281	801	577						CLS C				
2413	Metal Loss	Int	4257.04	4264.8	31.92	8.94	40.85	1130	AGM 4	965.20	AGM 5	175.43	42.000	0.375	0.375	35000		29	0.107					0.805	0.965	4:39	150	800	576	450	0.260	1.280	800	576							Pitting			
2414	Cluster	Int	4257.06	4264.8	31.93	8.92	40.85	1130	AGM 4	965.21	AGM 5	175.42	42.000	0.375	0.375	35000		20	0.075					0.855	2.697	7:27	150	801	577	450	0.260	1.282	801	577						CLS C				
2415	Metal Loss	Int	4257.21	4265.0	32.08	8.77	40.85	1130	AGM 4	965.36	AGM 5	175.27	42.000	0.375	0.375	35000		22	0.081					0.685	0.815	6:40	150	802	577	450	0.260	1.283	802	577							Pitting			
2416	Metal Loss	Int	4257.35	4265.1	32.23	8.62	40.85	1130	AGM 4	965.51	AGM 5	175.12	42.000	0.375	0.375	35000		19	0.070					0.592	0.632	6:40	150	803	578	450	0.260	1.284	802	577							Pitting			
2417	Metal Loss	Int	4257.48	4265.3	32.35	8.50	40.85	1130	AGM 4	965.63	AGM 5	175.00	42.000	0.375	0.375	35000		25	0.095					0.523	0.602	7:20	150	802	578	450	0.260	1.284	802	577							Pitting			
2418	Metal Loss	Int	4257.56	4265.3	32.43	8.42	40.85	1130	AGM 4	965.71	AGM 5	174.92	42.000	0.375	0.375	35000		29	0.110					0.802	0.897	4:42	150	800	576	450	0.260	1.280	799	575							Pitting			
2419	Metal Loss	Int	4257.58	4265.4	32.45	8.40	40.85	1130	AGM 4	965.73	AGM 5	174.90	42.000	0.375	0.375	35000		25	0.095					0.704	0.914	5:26	150	801	577	450	0.260	1.282	801	577							Pitting			
2420	Metal Loss	Int	4257.78	4265.6	32.66	8.20	40.85	1130	AGM 4	965.93	AGM 5	174.70	42.000	0.375	0.375	35000		21	0.079					0.682	0.707	4:42	150	802	577	450	0.260	1.283	802	577							Pitting			
2421	Metal Loss	Int	4257.89	4265.7	32.77	8.08	40.85	1130	AGM 4	966.05	AGM 5	174.58	42.000	0.375	0.375	35000		18	0.069					0.599	0.978	7:18	150	803	578	450	0.260	1.284	802	577							Pitting			
2422	Metal Loss	Int	4258.06	4265.9	32.93	7.92	40.85	1130	AGM 4	966.21	AGM 5	174.42	42.000	0.375	0.375	35000		28	0.105					0.715	0.767	6:37	150	801	577	450	0.260	1.282	800	576							Pitting			
2423	Metal Loss	Int	4258.12	4265.9	33.00	7.86	40.85	1130	AGM 4	966.28	AGM 5	174.35	42.000	0.375	0.375	35000		19	0.070					0.414	0.559	5:21	150	803	578	450	0.260	1.285	803	578							Pitting			
2424	Metal Loss	Int	4258.20	4266.0	33.07	7.78	40.85	1130	AGM 4	966.35	AGM 5	174.28	42.000	0.375	0.375	35000		24	0.089					0.552	0.600	6:10	150	802	578	450	0.260	1.284	802	577							Pitting			
2425	Metal Loss	Int	4258.22	4266.0	33.09	7.76	40.85	1130	AGM 4	966.37	AGM 5	174.26	42.000	0.375	0.375	35000		18	0.067					0.315	0.522	4:27	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2426	Metal Loss	Int	4258.24	4266.0	33.12	7.73	40.85	1130	AGM 4	966.40	AGM 5	174.23	42.000	0.375	0.375	35000		25	0.093					0.633	0.747	6:38	150	802	577	450	0.260	1.283	801	577							Pitting			
2427	Metal Loss	Int	4258.30	4266.1	33.18	7.67	40.85	1130	AGM 4	966.46	AGM 5	174.17	42.000	0.375	0.375	35000		22	0.081					0.702	1.147	7:31	150	802	577	450	0.260	1.283	801	577							Pitting			
2428	Metal Loss	Int	4258.36	4266.2	33.23	7.62	40.85	1130	AGM 4	966.51	AGM 5	174.12	42.000	0.375	0.375	35000		21	0.078					0.631	0.602	4:41	150	802	578	450	0.260	1.284	802	577							Pitting			
2429	Metal Loss	Int	4258.53	4266.3	33.41	7.45	40.85	1130	AGM 4	966.69	AGM 5	173.95	42.000	0.375	0.375	35000		22	0.081					0.594	0.604	4:42	150	802	578	450	0.260	1.284	802	577							Pitting			
2430	Cluster	Int	4258.61	4266.4	33.49	7.37	40.85	1130	AGM 4	966.77	AGM 5	173.87	42.000	0.375	0.375	35000		25	0.095					2.958	3.119	7:26	150	774	557	450	0.269	1.239	788	567						CLS C				
2431	Metal Loss	Int	4258.75	4266.6	33.63	7.22	40.85	1130	AGM 4	966.91	AGM 5	173.72	42.000	0.375	0.375	35000		27	0.100					0.686	0.675	4:43	150	801	577	450	0.260	1.282	801	577							Pitting			
2432	Metal Loss	Int	4258.76	4266.6	33.64	7.22	40.85	1130	AGM 4	966.92	AGM 5	173.71	42.000	0.375	0.375	35000		28	0.105					0.879	0.974	6:40	150	800	576	450	0.260	1.280	799	575							Pitting			
2433	Metal Loss	Int	4258.97	4266.8	33.84	7.01	40.85	1130	AGM 4	967.12	AGM 5	173.51	42.000	0.375	0.375	35000		19	0.073					0.350	0.532	4:39	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2434	Metal Loss	Int	4259.19	4267.0	34.06	6.79	40.85	1130	AGM 4	967.34	AGM 5	173.29	42.000	0.375	0.375	35000		24	0.089					0.427	0.554	7:21	150	803	578	450	0.260	1.285	803	578							Pitting			
2435	Metal Loss	Int	4259.27	4267.1	34.14	6.71	40.85	1130	AGM 4	967.42	AGM 5	173.21	42.000	0.375	0.375	35000		22	0.083					0.572	0.588	4:42	150	802	578	450	0.260	1.284	802	577							Pitting			
2436	Metal Loss	Int	4259.37	4267.2	34.24	6.61	40.85	1130	AGM 4	967.52	AGM 5	173.11	42.000	0.375	0.375	35000		20	0.075					0.587	0.599	7:32	150	802	578	450	0.260	1.284	802	577							Pitting			
2437	Cluster	Int	4259.63	4267.5	34.50	6.35	40.85	1130	AGM 4	967.78	AGM 5	172.85	42.000	0.375	0.375	35000		23	0.088					1.434	2.926	7:28	150	796	573	450	0.262	1.273	797	574						CLS C				
2438	Metal Loss	Int	4259.63	4267.5	34.50	6.35	40.85	1130	AGM 4	967.78	AGM 5	172.85	42.000	0.375	0.375	35000		26	0.096					0.658	1.004	4:37	150	802	577	450	0.260	1.283	801	577							Pitting			
2439	Cluster	Int	4259.88	4267.7	34.75	6.10	40.85	1130	AGM 4	968.03	AGM 5	172.60	42.000	0.375	0.375	35000		36	0.135					2.230	3.163	7:27	150	774	557	450	0.269	1.238	782	563						CLS C				
2440	Metal Loss	Int	4260.04	4267.9	34.92	5.94	40.85	1130	AGM 4	968.20	AGM 5	172.44	42.000	0.375	0.375	35000		16	0.060					0.856	0.713	4:38	150	802	577	450	0.260	1.283	801	577							Pitting			
2441	Metal Loss	Int	4260.11	4267.9	34.98	5.87	40.85	1130	AGM 4	968.26	AGM 5	172.37	42.000	0.375	0.375	35000		23	0.087					0.662	0.711	6:37	150	802	577	450	0.260	1.283	801	577							Pitting			
2442	Metal Loss	Int	4260.14	4268.0	35.01	5.84	40.85	1130	AGM 4	968.29	AGM 5	172.34	42.000	0.375	0.375	35000		25	0.095					0.608	0.703	7:33	150	802	577	450	0.260	1.283	802	577							Pitting			
2443	Metal Loss	Int	4260.28	4268.1	35.16	5.69	40.85	1130	AGM 4	968.44	AGM 5	172.19	42.000	0.375	0.375	35000		21	0.079					0.675	0.652	7:33	150	802	577	450	0.260	1.283	802	577							Pitting			
2444	Metal Loss	Int	4260.38	4268.2	35.26	5.60	40.85	1130	AGM 4	968.54	AGM 5	172.09	42.000	0.375	0.375	35000		30	0.111					0.649	0.596	5:36	150	801	577	450	0.260	1.282	801	577							Pitting			
2445	Metal Loss	Int	4260.38	4268.2	35.26	5.59	40.85	1130	AGM 4	968.54	AGM 5	172.09	42.000	0.375	0.375	35000		23	0.085					0.625	0.624	6:40	150	802	578	450	0.260	1.283	802	577							Pitting			
2446	Cluster	Int	4260.51	4268.4	35.38	5.47	40.85	1130	AGM 4	968.66	AGM 5	171.97	42.000	0.375	0.375	35000		23	0.085					0.920	2.258	7:27	150	800	576	450	0.260	1.281	800	576						CLS C				
2447	Metal Loss	Int	4260.70	4268.6	35.58	5.28	40.85	1130	AGM 4	968.86	AGM 5	171.77	42.000	0.375	0.375	35000		19	0.071					0.457	0.564	7:32	150	803	578	450	0.260	1.285	803	578							Pitting			
2448	Metal Loss	Int	4260.78	4268.6	35.65	5.20	40.85	1130	AGM 4	968.93	AGM 5	171.70	42.000	0.375	0.375	35000		17	0.062					0.445	0.560	6:42	150	803	578	450	0.260	1.285	803	578							Pitting			
2449	Metal Loss	Int	4260.91	4268.8	35.78	5.07	40.85	1130	AGM 4	969.06	AGM 5	171.57	42.000	0.375	0.375	35000		21	0.079					0.583	0.612	6:35	150	802	578	450	0.260	1.284	802	577							Pitting			
2450	Metal Loss	Int	4261.07	4268.9	35.95	4.90	40.85	1130	AGM 4	969.23	AGM 5	171.40	42.000	0.375	0.375	35000		22	0.082					0.785	1.240	7:32	150	801	577	450	0.260	1.282	801	577							Pitting			
2451	Metal Loss	Int	4261.28	4269.1	36.15	4.70	40.85	1130	AGM 4	969.43	AGM 5	171.20	42.000	0.375	0.375	35000		27	0.099					0.864	0.600	4:35	150	800	576	450	0.260	1.280	799	575							Pitting			
2452	Metal Loss	Int	4261.52	4269.4	36.39	4.46	40.85	1130	AGM 4	969.67	AGM 5	170.96	42.000	0.375	0.375	35000		21	0.081					0.357	0.545	6:10	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2453	Metal Loss	Int	4261.66	4269.5	36.54	4.32	40.85	1130	AGM 4	969.82	AGM 5	170.81	42.000	0.375	0.375	35000		18	0.066					1.078	0.792	6:43	150	800	576	450	0.260	1.281	800	576							Pitting			
2454	Cluster	Int	4261.77	4269.6	36.65	4.21	40.85	1130	AGM 4	969.93	AGM 5	170.70	42.000	0.375	0.375	35000		21	0.077					3.476	3.048	7:29	150	774	557	450	0.269	1.239	789	568						CLS C				
2455	Cluster	Int	4261.92	4269.8	36.80	4.06	40.85	1130	AGM 4	970.08	AGM 5	170.55	42.000	0.375	0.375	35000		20	0.077					1.650	1.381	6:37	150	795	573	450	0.262	1.272	798	575						CLS C				
2456	Metal Loss	Int	4262.14	4270.0	37.01	3.84	40.85	1130	AGM 4	970.29	AGM 5	170.34	42.000	0.375	0.375	35000		17	0.064					0.769	0.619	4:37	150	802	577	450	0.260	1.283	802	577							Pitting			
2457	Metal Loss	Int	4262.24	4270.1	37.11	3.74	40.85	1130	AGM 4	970.39	AGM 5	170.24	42.000	0.375	0.375	35000		20	0.075					0.718	1.039	6:39	150	802	577	450	0.260	1.283	802	577							Pitting			
2458	Metal Loss	Int	4262.27	4270.2	37.15	3.71	40.85	1130	AGM 4	970.43	AGM 5	170.20	42.000	0.375	0.375	35000		18	0.066					0.315	0.546	7:28	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2459	Metal Loss	Int	4262.54	4270.4	37.42	3.43	40.85	1130	AGM 4	970.70	AGM 5	169.93	42.000	0.375	0.375	35000		31	0.115					0.890	0.975	7:33	150	799	575	450	0.261	1.279	798	575							Pitting			
2460	Cluster	Int	4262.73	4270.6	37.61	3.25	40.85	1130	AGM 4	970.89	AGM 5	169.75	42.000	0.375	0.375	35000		19	0.073					1.281	3.376	6:44	150	799	575	450	0.261	1.278	798	575						CLS C				
2461	Sleeve Start		4262.97	4270.9	37.85	3.01	40.85	1130	AGM 4	971.13	AGM 5	169.51	42.000	0.375	0.375	35000								100.977			150													Repair Sleeve - Start				
2462	Girth Weld		4265.98	4273.9	40.85	38.64	38.64	1140	AGM 4	974.13	AGM 5	166.50	42.000	0.375	0.375	35000											150																	
2463	Sleeve End		4271.39	4279.5	5.41	33.23	38.64	1140	AGM 4	979.54	AGM 5	161.09	42.000	0.375	0.375	35000											150													Repair Sleeve - End				
2464	Metal Loss	Int	4271.51	4279.6	5.54	33.10	38.64	1140	AGM 4	979.67	AGM 5	160.96	42.000	0.375	0.375	35000		31	0.117					1.029	0.541	7:33	150	798	574	450	0.261	1.276	796	573							Pitting			
2465	Cluster	Int	4271.82	4279.9	5.84	32.80	38.64	1140	AGM 4	979.97	AGM 5	160.66	42.000	0.375	0.375	35000		24	0.091					1.127	3.319	7:25	150	799	575	450	0.261	1.278	798	575						CLS C				
2466	Metal Loss	Int	4271.96	4280.1	5.98	32.65	38.64	1140	AGM 4	980.12	AGM 5	160.52	42.000	0.375	0.375	35000		21	0.077					0.688	0.693	5:19	150	802	577	450	0.260	1.283	802	577							Pitting			
2467	Metal Loss	Int	4272.15	4280.3	6.17	32.46	38.64	1140	AGM 4	980.31	AGM 5	160.33	42.000	0.375	0.375	35000		35	0.130					1.075	0.590	7:40	150	796	573	450	0.262	1.274	794	572							Pitting			
2468	Metal Loss	Int	4272.31	4280.4	6.33	32.31	38.64	1140	AGM 4	980.46	AGM 5	160.17	42.000	0.375	0.375	35000		15	0.057					0.467	0.617	6:03	150	803	578	450	0.260	1.285	803	578							Pitting			
2469	Metal Loss	Int	4272.44	4280.5	6.46	32.17	38.64	1140	AGM 4	980.59	AGM 5	160.04	42.000	0.375	0.375	35000		18	0.066					0.487	0.548	6:39	150	803	578	450	0.260	1.285	803	578							Pitting			
2470	Metal Loss	Int	4272.47	4280.6	6.49	32.14	38.64	1140	AGM 4	980.63	AGM 5	160.01	42.000	0.375	0.375	35000		19	0.071					0.663	0.606	7:38	150	802	578	450	0.260	1.284	802	577							Pitting			
2471	Metal Loss	Int	4272.78	4280.9	6.80	31.84	38.64	1140	AGM 4	980.93	AGM 5	159.70	42.000	0.375	0.375	35000		20	0.074					0.872	0.638	7:36	150	801	577	450	0.260	1.282	801	577							Pitting			
2472	Metal Loss	Int	4272.97	4281.1	7.00	31.64	38.64	1140	AGM 4	981.13	AGM 5	159.50	42.000	0.375	0.375	35000		29	0.108					0.727	0.782	6:36	150	801	577	450	0.260	1.281	800	576							Pitting			
2473	Metal Loss	Int	4273.13	4281.3	7.15	31.48	38.64	1140	AGM 4	981.29	AGM 5	159.34	42.000	0.375	0.375	35000		21	0.079					0.740	0.515	7:14	150	802	577	450	0.260	1.283	801	577							Pitting			
2474	Metal Loss	Int	4273.34	4281.5	7.36	31.28	38.64	1140	AGM 4	981.49	AGM 5	159.14	42.000	0.375	0.375	35000		30	0.112					0.735	0.599	7:38	150	801	576	450	0.260	1.281	800	576							Pitting			
2475	Metal Loss	Int	4273.57	4281.7	7.59	31.04	38.64	1140	AGM 4	981.73	AGM 5	158.90	42.000	0.375	0.375	35000		19	0.073					1.085	0.611	7:38	150	800	576	450	0.260	1.280	799	575							Pitting			
2476	Cluster	Int	4273.90	4282.0	7.93	30.71	38.64	1140	AGM 4	982.06	AGM 5	158.57	42.000	0.375	0.375	35000		23	0.088					2.121	1.212	6:19	150	788	567	450	0.265	1.261	791	570						CLS C				
2477	Metal Loss	Int	4274.50	4282.6	8.52	30.11	38.64	1140	AGM 4	982.66	AGM 5	157.98	42.000	0.375	0.375	35000		57	0.214					0.952	0.857	5:39	150	790	569	450	0.264	1.265	785	565							Pitting			
2478	Metal Loss	Int	4274.74	4282.9	8.77	29.87	38.64	1140	AGM 4	982.90	AGM 5	157.73	42.000	0.375	0.375	35000		38	0.142					0.862	0.687	5:51	150	798	575	450	0.261	1.277	797	574							Pitting			
2479	Cluster	Int	4274.82	4283.0	8.84	29.80	38.64	1140	AGM 4	982.97	AGM 5	157.66	42.000	0.375	0.375	35000		23	0.087					2.219	2.947	7:25	150	787	567	450	0.265	1.259	791	570						CLS C				
2480	Metal Loss	Int	4274.89	4283.0	8.91	29.73	38.64	1140	AGM 4	983.04	AGM 5	157.59	42.000	0.375	0.375	35000		40	0.152					1.071	1.084	6:11	150	794	572	450	0.262	1.271	792	570							Pitting			
2481	Metal Loss	Int	4275.39	4283.6	9.42	29.22	38.64	1140	AGM 4	983.55	AGM 5	157.08	42.000	0.375	0.375	35000		20	0.076					0.542	0.739	6:16	150	803	578	450	0.260	1.284	802	577							Pitting			
2482	Metal Loss	Int	4275.49	4283.7	9.51	29.13	38.64	1140	AGM 4	983.64	AGM 5	156.99	42.000	0.375	0.375	35000		19	0.073					1.330	0.691	7:28	150	798	575	450	0.261	1.277	797	574							Pitting			
2483	Metal Loss	Int	4275.50	4283.7	9.52	29.12	38.64	1140	AGM 4	983.65	AGM 5	156.98	42.000	0.375	0.375	35000		23	0.085					0.705	0.672	5:39	150	802	577	450	0.260	1.283	801	577							Pitting			
2484	Metal Loss	Int	4275.70	4283.9	9.72	28.92	38.64	1140	AGM 4	983.85	AGM 5	156.78	42.000	0.375	0.375	35000		25	0.095					0.572	0.588	5:00	150	802	578	450	0.260	1.283	802	577							Pitting			
2485	Metal Loss	Int	4276.20	4284.4	10.22	28.42	38.64	1140	AGM 4	984.35	AGM 5	156.28	42.000	0.375	0.375	35000		16	0.062					0.898	0.796	7:33	150	802	577	450	0.260	1.282	801	577							Pitting			
2486	Metal Loss	Int	4276.70	4284.9	10.72	27.91	38.64	1140	AGM 4	984.86	AGM 5	155.78	42.000	0.375	0.375	35000		20	0.076					1.087	0.984	7:37	150	800	576	450	0.260	1.280	799	575							Pitting			
2487	Cluster	Int	4276.75	4284.9	10.77	27.86	38.64	1140	AGM 4	984.91	AGM 5	155.73	42.000	0.375	0.375	35000		23	0.085					1.822	0.758	6:03	150	792	570	450	0.263	1.267	794	572						CLS C				
2488	Cluster	Int	4276.95	4285.2	10.97	27.66	38.64	1140	AGM 4	985.11	AGM 5	155.53	42.000	0.375	0.375	35000		24	0.089					2.335	2.723	7:36	150	785	565	450	0.265	1.256	783	564						CLS C				
2489	Cluster	Int	4277.15	4285.4	11.17	27.47	38.64	1140	AGM 4	985.30	AGM 5	155.33	42.000	0.375	0.375	35000		32	0.121					2.580	4.748	6:00	150	771	555	450	0.270	1.234	783	564						CLS C				
2490	Metal Loss	Int	4277.42	4285.6	11.44	27.20	38.64	1140	AGM 4	985.57	AGM 5	155.06	42.000	0.375	0.375	35000		17	0.064					0.613	0.603	5:53	150	803	578	450	0.260	1.284	802	577							Pitting			
2491	Metal Loss	Int	4277.43	4285.6	11.45	27.19	38.64	1140	AGM 4	985.58	AGM 5	155.05	42.000	0.375	0.375	35000		32	0.121					0.859	0.681	7:38	150	799	575	450	0.261	1.279	798	575							Pitting			
2492	Metal Loss	Int	4278.26	4286.5	12.28	26.36	38.64	1140	AGM 4	986.41	AGM 5	154.22	42.000	0.375	0.375	35000		19	0.073					0.720	0.580	6:05	150	802	577	450	0.260	1.283	802	577							Pitting			
2493	Metal Loss	Int	4278.48	4286.7	12.50	26.14	38.64	1140	AGM 4	986.63	AGM 5	154.00	42.000	0.375	0.375	35000		15	0.057					0.849	0.679	6:05	150	802	577	450	0.260	1.283	802	577							Pitting			
2494	Metal Loss	Int	4278.78	4287.0	12.80	25.83	38.64	1140	AGM 4	986.94	AGM 5	153.70	42.000	0.375	0.375	35000		18	0.068					0.699	0.756	6:10	150	802	578	450	0.260	1.283	802	577							Pitting			
2495	Cluster	Int	4278.83	4287.1	12.85	25.79	38.64	1140	AGM 4	986.98	AGM 5	153.65	42.000	0.375	0.375	35000		29	0.110					1.461	2.653	7:29	150	793	571	450	0.263	1.269	795	572						CLS C				
2496	Metal Loss	Int	4279.02	4287.3	13.04	25.59	38.64	1140	AGM 4	987.18	AGM 5	153.45	42.000	0.375	0.375	35000		18	0.068					0.675	0.609	7:33	150	802	578	450	0.260	1.284	802	577							Pitting			
2497	Metal Loss	Int	4279.21	4287.5	13.23	25.40	38.64	1140	AGM 4	987.37	AGM 5	153.26	42.000	0.375	0.375	35000		29	0.107					0.830	0.861	6:42	150	800	576	450	0.260	1.280	799	575							Pitting			
2498	Metal Loss	Int	4279.38	4287.6	13.41	25.23	38.64	1140	AGM 4	987.54	AGM 5	153.09	42.000	0.375	0.375	35000		21	0.080					0.553	0.593	5:24	150	803	578	450	0.260	1.284	802	577							Pitting			
2499	Metal Loss	Int	4279.49	4287.7	13.51	25.13	38.64	1140	AGM 4	987.64	AGM 5	152.99	42.000	0.375	0.375	35000		33	0.123					0.706	0.501	5:56	150	801	576	450	0.260	1.281	800	576							Pitting			
2500	Metal Loss	Int	4279.61	4287.9	13.63	25.01	38.64	1140	AGM 4	987.76	AGM 5	152.87	42.000	0.375	0.375	35000		15	0.057					0.810	0.742	7:29	150	802	577	450	0.260	1.283	802	577							Pitting			
2501	Metal Loss	Int	4279.90	4288.2	13.92	24.71	38.64	1140	AGM 4	988.06	AGM 5	152.58	42.000	0.375	0.375	35000		15	0.057					0.805	0.657	7:31	150	802	577	450	0.260	1.283	802	577							Pitting			
2502	Metal Loss	Int	4279.91	4288.2	13.93	24.71	38.64	1140	AGM 4	988.06	AGM 5	152.57	42.000	0.375	0.375	35000		20	0.074					0.471	0.547	6:04	150	803	578	450	0.260	1.285	803	578							Pitting			
2503	Metal Loss	Int	4280.23	4288.5	14.25	24.39	38.64	1140	AGM 4	988.38	AGM 5	152.25	42.000	0.375	0.375	35000		26	0.096					0.894	0.804	6:16	150	800	576	450	0.260	1.280	799	575							Pitting			
2504	Metal Loss	Int	4280.33	4288.6	14.35	24.29	38.64	1140	AGM 4	988.48	AGM 5	152.15	42.000	0.375	0.375	35000		48	0.182					1.369	1.206	5:56	150	784	565	450	0.265	1.255	778	560							General Metal-loss			
2505	Metal Loss	Int	4280.75	4289.0	14.77	23.87	38.64	1140	AGM 4	988.90	AGM 5	151.73	42.000	0.375	0.375	35000		25	0.094					0.641	0.692	6:12	150	802	577	450	0.260	1.283	801	577							Pitting			
2506	Metal Loss	Int	4280.76	4289.0	14.78	23.86	38.64	1140	AGM 4	988.91	AGM 5	151.72	42.000	0.375	0.375	35000		16	0.060					0.743	0.621	7:35	150	802	578	450	0.260	1.284	802	577							Pitting			
2507	Metal Loss	Int	4280.96	4289.2	14.98	23.66	38.64	1140	AGM 4	989.11	AGM 5	151.52	42.000	0.375	0.375	35000		17	0.065					0.643	0.625	5:54	150	802	578	450	0.260	1.284	802	577							Pitting			
2508	Metal Loss	Int	4281.28	4289.6	15.30	23.34	38.64	1140	AGM 4	989.43	AGM 5	151.20	42.000	0.375	0.375	35000		34	0.127					1.152	0.943	7:33	150	795	573	450	0.262	1.273	793	571							Pitting			
2509	Metal Loss	Int	4281.60	4289.9	15.62	23.02	38.64	1140	AGM 4	989.75	AGM 5	150.88	42.000	0.375	0.375	35000		19	0.070					0.747	0.651	4:27	150	802	577	450	0.260	1.283	802	577							Pitting			
2510	Cluster	Int	4281.77	4290.1	15.79	22.84	38.64	1140	AGM 4	989.93	AGM 5	150.70	42.000	0.375	0.375	35000		32	0.121					2.828	2.672	6:04	150	766	552	450	0.272	1.226	782	563						CLS C				
2511	Metal Loss	Int	4282.11	4290.4	16.13	22.51	38.64	1140	AGM 4	990.26	AGM 5	150.37	42.000	0.375	0.375	35000		43	0.161					1.369	1.566	5:55	150	788	567	450	0.265	1.260	783	564							General Metal-loss			
2512	Metal Loss	Int	4282.22	4290.5	16.24	22.40	38.64	1140	AGM 4	990.37	AGM 5	150.26	42.000	0.375	0.375	35000		16	0.061					0.590	0.596	4:32	150	803	578	450	0.260	1.284	803	578							Pitting			
2513	Metal Loss	Int	4282.56	4290.9	16.58	22.05	38.64	1140	AGM 4	990.72	AGM 5	149.92	42.000	0.375	0.375	35000		18	0.066					0.537	0.585	5:26	150	803	578	450	0.260	1.284	803	578							Pitting			
2514	Cluster	Int	4283.11	4291.4	17.13	21.50	38.64	1140	AGM 4	991.27	AGM 5	149.37	42.000	0.375	0.375	35000		21	0.078					1.512	2.576	5:59	150	796	573	450	0.262	1.274	795	572						CLS C				
2515	Metal Loss	Int	4283.18	4291.5	17.20	21.43	38.64	1140	AGM 4	991.34	AGM 5	149.29	42.000	0.375	0.375	35000		32	0.119					0.959	0.981	5:11	150	798	575	450	0.261	1.277	797	574							Pitting			
2516	Metal Loss	Int	4283.77	4292.1	17.79	20.84	38.64	1140	AGM 4	991.93	AGM 5	148.71	42.000	0.375	0.375	35000		18	0.066					0.842	0.691	7:24	150	802	577	450	0.260	1.283	801	577							Pitting			
2517	Metal Loss	Int	4283.93	4292.3	17.95	20.69	38.64	1140	AGM 4	992.08	AGM 5	148.55	42.000	0.375	0.375	35000		17	0.062					0.633	0.595	5:31	150	803	578	450	0.260	1.284	802	577							Pitting			
2518	Cluster	Int	4284.11	4292.5	18.13	20.51	38.64	1140	AGM 4	992.26	AGM 5	148.37	42.000	0.375	0.375	35000		24	0.088					1.084	2.179	6:01	150	799	575	450	0.261	1.278	798	575						CLS C				
2519	Cluster	Int	4284.52	4292.9	18.54	20.10	38.64	1140	AGM 4	992.67	AGM 5	147.96	42.000	0.375	0.375	35000		25	0.093					2.550	0.706	7:39	150	781	562	450	0.267	1.250	788	567						CLS C				
2520	Metal Loss	Int	4284.89	4293.3	18.91	19.73	38.64	1140	AGM 4	993.04	AGM 5	147.59	42.000	0.375	0.375	35000		20	0.076					1.124	1.385	7:39	150	800	576	450	0.260	1.279	799	575							Pitting			
2521	Metal Loss	Int	4284.90	4293.3	18.92	19.72	38.64	1140	AGM 4	993.05	AGM 5	147.58	42.000	0.375	0.375	35000		43	0.162					1.419	1.800	6:14	150	786	566	450	0.265	1.258	781	562							General Metal-loss			
2522	Metal Loss	Int	4285.29	4293.7	19.31	19.33	38.64	1140	AGM 4	993.44	AGM 5	147.19	42.000	0.375	0.375	35000		18	0.069					0.719	0.626	4:33	150	802	577	450	0.260	1.283	802	577							Pitting			
2523	Metal Loss	Int	4285.40	4293.8	19.43	19.21	38.64	1140	AGM 4	993.56	AGM 5	147.07	42.000	0.375	0.375	35000		25	0.095					0.630	0.597	6:00	150	802	577	450	0.260	1.283	801	577							Pitting			
2524	Metal Loss	Int	4285.47	4293.9	19.49	19.14	38.64	1140	AGM 4	993.63	AGM 5	147.01	42.000	0.375	0.375	35000		19	0.069					0.474	0.567	4:12	150	803	578	450	0.260	1.285	803	578							Pitting			
2525	Metal Loss	Int	4285.56	4293.9	19.58	19.05	38.64	1140	AGM 4	993.72	AGM 5	146.92	42.000	0.375	0.375	35000		16	0.060					0.465	0.564	7:46	150	803	578	450	0.260	1.285	803	578							Pitting			
2526	Metal Loss	Int	4285.60	4294.0	19.62	19.01	38.64	1140	AGM 4	993.76	AGM 5	146.88	42.000	0.375	0.375	35000		24	0.090					0.731	0.643	5:53	150	801	577	450	0.260	1.282	801	577							Pitting			
2527	Metal Loss	Int	4285.67	4294.1	19.69	18.95	38.64	1140	AGM 4	993.82	AGM 5	146.81	42.000	0.375	0.375	35000		19	0.071					0.808	0.615	7:27	150	802	577	450	0.260	1.283	801	577							Pitting			
2528	Cluster	Int	4285.75	4294.1	19.77	18.87	38.64	1140	AGM 4	993.90	AGM 5	146.73	42.000	0.375	0.375	35000		23	0.086					1.185	2.639	6:05	150	798	575	450	0.261	1.277	798	575						CLS C				
2529	Metal Loss	Int	4285.78	4294.2	19.81	18.83	38.64	1140	AGM 4	993.94	AGM 5	146.69	42.000	0.375	0.375	35000		39	0.146					1.023	0.659	6:57	150	796	573	450	0.262	1.273	793	571							Pitting			
2530	Metal Loss	Int	4286.12	4294.5	20.14	18.49	38.64	1140	AGM 4	994.28	AGM 5	146.35	42.000	0.375	0.375	35000		27	0.101					0.804	0.715	7:36	150	801	576	450	0.260	1.281	800	576							Pitting			
2531	Metal Loss	Int	4286.74	4295.1	20.76	17.88	38.64	1140	AGM 4	994.89	AGM 5	145.74	42.000	0.375	0.375	35000		21	0.077					0.522	0.615	4:30	150	803	578	450	0.260	1.284	802	577							Pitting			
2532	Metal Loss	Int	4287.19	4295.6	21.21	17.43	38.64	1140	AGM 4	995.34	AGM 5	145.29	42.000	0.375	0.375	35000		23	0.086					0.639	0.678	6:51	150	802	577	450	0.260	1.283	802	577							Pitting			
2533	Metal Loss	Int	4287.79	4296.2	21.81	16.83	38.64	1140	AGM 4	995.94	AGM 5	144.69	42.000	0.375	0.375	35000		33	0.122					1.206	0.843	7:39	150	795	572	450	0.262	1.272	793	571							Pitting			
2534	Cluster	Int	4287.80	4296.2	21.82	16.82	38.64	1140	AGM 4	995.95	AGM 5	144.68	42.000	0.375	0.375	35000		30	0.112					2.020	4.389	5:54	150	784	565	450	0.265	1.255	785	565						CLS C				
2535	Metal Loss	Int	4287.97	4296.4	21.99	16.64	38.64	1140	AGM 4	996.13	AGM 5	144.51	42.000	0.375	0.375	35000		16	0.058					0.479	0.616	6:33	150	803	578	450	0.260	1.285	803	578							Pitting			
2536	Metal Loss	Int	4288.11	4296.6	22.14	16.50	38.64	1140	AGM 4	996.27	AGM 5	144.36	42.000	0.375	0.375	35000		19	0.069					0.852	0.768	7:29	150	801	577	450	0.260	1.282	801	577							Pitting			
2537	Metal Loss	Int	4288.30	4296.7	22.33	16.31	38.64	1140	AGM 4	996.46	AGM 5	144.17	42.000	0.375	0.375	35000		28	0.106					0.935	1.023	4:18	150	799	576	450	0.260	1.279	798	575							Pitting			
2538	Metal Loss	Int	4288.49	4296.9	22.51	16.13	38.64	1140	AGM 4	996.64	AGM 5	143.99	42.000	0.375	0.375	35000		23	0.085					0.991	0.969	6:16	150	800	576	450	0.260	1.280	799	575							Pitting			
2539	Metal Loss	Int	4288.64	4297.1	22.66	15.98	38.64	1140	AGM 4	996.79	AGM 5	143.84	42.000	0.375	0.375	35000		23	0.087					1.149	0.751	7:30	150	799	575	450	0.261	1.278	797	574							Pitting			
2540	Metal Loss	Int	4288.75	4297.2	22.77	15.87	38.64	1140	AGM 4	996.90	AGM 5	143.73	42.000	0.375	0.375	35000		29	0.108					0.547	0.551	6:13	150	802	577	450	0.260	1.283	802	577							Pitting			
2541	Metal Loss	Int	4288.89	4297.3	22.91	15.73	38.64	1140	AGM 4	997.04	AGM 5	143.59	42.000	0.375	0.375	35000		28	0.107					1.309	1.283	7:34	150	795	573	450	0.262	1.273	793	571							General Metal-loss			
2542	Metal Loss	Int	4288.91	4297.4	22.93	15.71	38.64	1140	AGM 4	997.06	AGM 5	143.57	42.000	0.375	0.375	35000		18	0.067					0.685	0.684	6:33	150	802	578	450	0.260	1.284	802	577							Pitting			
2543	Metal Loss	Int	4289.29	4297.8	23.31	15.32	38.64	1140	AGM 4	997.45	AGM 5	143.18	42.000	0.375	0.375	35000		18	0.067					0.713	0.608	7:44	150	802	578	450	0.260	1.283	802	577							Pitting			
2544	Metal Loss	Int	4289.30	4297.8	23.32	15.32	38.64	1140	AGM 4	997.45	AGM 5	143.18	42.000	0.375	0.375	35000		29	0.110					1.117	0.815	5:35	150	797	574	450	0.261	1.276	796	573							Pitting			
2545	Metal Loss	Int	4289.34	4297.8	23.36	15.28	38.64	1140	AGM 4	997.49	AGM 5	143.14	42.000	0.375	0.375	35000		20	0.077					1.144	0.867	6:33	150	799	576	450	0.260	1.279	798	575							Pitting			
2546	Metal Loss	Int	4289.37	4297.8	23.39	15.25	38.64	1140	AGM 4	997.52	AGM 5	143.11	42.000	0.375	0.375	35000		24	0.089					0.501	0.630	6:03	150	803	578	450	0.260	1.284	802	577							Pitting			
2547	Metal Loss	Int	4289.38	4297.8	23.40	15.23	38.64	1140	AGM 4	997.54	AGM 5	143.09	42.000	0.375	0.375	35000		19	0.070					0.658	0.614	4:26	150	802	578	450	0.260	1.284	802	577							Pitting			
2548	Cluster	Int	4289.85	4298.3	23.88	14.76	38.64	1140	AGM 4	998.01	AGM 5	142.62	42.000	0.375	0.375	35000		51	0.192					2.360	3.338	5:58	150	749	539	450	0.278	1.198	772	556						CLS C				

Reported Feature Reference													Pipe Specification					Reported Feature Dimensions									Calculated Values								Classification		XYZ Information							
Feature Number (sequential order)	Pipeline Feature	INT/ EXT (ID/OD)	Odometer	Station Number	Distance to U/S weld	Distance to D/S weld	Joint Length	Defect Joint Number	Upstream (U/S) Reference Name	Distance from:	Downstream (D/S) Reference Name	Distance to:	Diameter	Nominal Wall Thickness	Measured Wall Thickness	Pipe Grade (SMYS)	Long Seam Orientation	Metal Loss Depth	Metal Loss Depth	Deformation Depth	Deformation Depth	Crack Depth	Crack Depth	Length	Width	Orientation	MOP	Modified B31.G Modified B31.G P_{BURST}	Modified B31.G Modified B31.G P_{SAFE}	Design Pressure (72% SMYS)	FRF MOP / P_{SAFE}	RPR P_{BURST} / 100% SMYS	Effective Area P_{BURST}	Effective Area P_{SAFE}	Group Number	Group Category	NAD 83 Latitude	NAD 83 Longitude	NAVD 88 Elevation	Comments	POF classification	Excavation/ Repair Required	SPLC Notes	Tool Type/ Technology
			(feet)	(feet)	(feet)	(feet)	(feet)			(feet)		(feet)	(inch)	(inch)	(inch)	(psi)		(%)	(inch)	(%)	(inch)	(%)	(inch)	(inch)	(inch)	(O'clock)	(psi)	(psi)	(psi)	(psi)			(psi)	(psi)					(feet)			Target/Yes/AGM		
2549	Metal Loss	Int	4290.19	4298.7	24.21	14.42	38.64	1140	AGM 4	998.35	AGM 5	142.29	42.000	0.375	0.375	35000		17	0.063					0.630	0.603	5:27	150	803	578	450	0.260	1.284	802	577							Pitting			
2550	Metal Loss	Int	4290.23	4298.7	24.25	14.39	38.64	1140	AGM 4	998.38	AGM 5	142.25	42.000	0.375	0.375	35000		16	0.060					1.209	1.424	7:34	150	800	576	450	0.260	1.280	799	575							General Metal-loss			
2551	Metal Loss	Int	4290.62	4299.1	24.64	14.00	38.64	1140	AGM 4	998.77	AGM 5	141.86	42.000	0.375	0.375	35000		24	0.092					1.015	0.685	7:44	150	799	576	450	0.260	1.279	798	575							Pitting			
2552	Metal Loss	Int	4290.77	4299.3	24.79	13.85	38.64	1140	AGM 4	998.92	AGM 5	141.71	42.000	0.375	0.375	35000		33	0.122					0.639	0.620	5:31	150	801	577	450	0.260	1.282	800	576							Pitting			
2553	Cluster	Int	4291.03	4299.5	25.05	13.59	38.64	1140	AGM 4	999.18	AGM 5	141.45	42.000	0.375	0.375	35000		21	0.078					2.181	1.284	5:56	150	790	568	450	0.264	1.263	795	572						CLS C				
2554	Metal Loss	Int	4291.03	4299.5	25.05	13.59	38.64	1140	AGM 4	999.18	AGM 5	141.45	42.000	0.375	0.375	35000		21	0.079					0.813	0.761	7:27	150	801	577	450	0.260	1.282	801	577							Pitting			
2555	Metal Loss	Int	4291.19	4299.7	25.21	13.43	38.64	1140	AGM 4	999.34	AGM 5	141.29	42.000	0.375	0.375	35000		25	0.092					0.724	0.760	5:30	150	801	577	450	0.260	1.282	801	577							Pitting			
2556	Metal Loss	Int	4291.26	4299.8	25.28	13.36	38.64	1140	AGM 4	999.41	AGM 5	141.22	42.000	0.375	0.375	35000		16	0.059					0.555	0.602	6:01	150	803	578	450	0.260	1.285	803	578							Pitting			
2557	Metal Loss	Int	4291.57	4300.1	25.59	13.05	38.64	1140	AGM 4	999.72	AGM 5	140.91	42.000	0.375	0.375	35000		23	0.085					0.418	0.552	7:34	150	803	578	450	0.260	1.285	803	578							Pitting			
2558	Metal Loss	Int	4291.63	4300.1	25.66	12.98	38.64	1140	AGM 4	999.79	AGM 5	140.84	42.000	0.375	0.375	35000		23	0.085					1.134	1.174	5:26	150	799	575	450	0.261	1.278	798	575							Pitting			
2559	Metal Loss	Int	4291.64	4300.2	25.66	12.98	38.64	1140	AGM 4	999.79	AGM 5	140.84	42.000	0.375	0.375	35000		22	0.081					0.773	0.720	6:35	150	801	577	450	0.260	1.282	801	577							Pitting			
2560	Metal Loss	Int	4291.91	4300.4	25.93	12.71	38.64	1140	AGM 4	1000.06	AGM 5	140.57	42.000	0.375	0.375	35000		31	0.117					0.949	0.680	6:08	150	799	575	450	0.261	1.278	797	574							Pitting			
2561	Metal Loss	Int	4292.11	4300.6	26.13	12.51	38.64	1140	AGM 4	1000.26	AGM 5	140.37	42.000	0.375	0.375	35000		23	0.088					0.493	0.589	5:25	150	803	578	450	0.260	1.284	802	577							Pitting			
2562	Metal Loss	Int	4292.34	4300.9	26.36	12.28	38.64	1140	AGM 4	1000.49	AGM 5	140.14	42.000	0.375	0.375	35000		17	0.063					0.888	0.824	6:37	150	802	577	450	0.260	1.282	801	577							Pitting			
2563	Metal Loss	Int	4292.57	4301.1	26.60	12.04	38.64	1140	AGM 4	1000.73	AGM 5	139.90	42.000	0.375	0.375	35000		25	0.094					0.870	1.086	6:14	150	800	576	450	0.260	1.281	800	576							Pitting			
2564	Metal Loss	Int	4292.64	4301.2	26.66	11.97	38.64	1140	AGM 4	1000.79	AGM 5	139.84	42.000	0.375	0.375	35000		21	0.077					0.751	0.929	5:27	150	802	577	450	0.260	1.283	801	577							Pitting			
2565	Metal Loss	Int	4292.85	4301.4	26.87	11.77	38.64	1140	AGM 4	1001.00	AGM 5	139.63	42.000	0.375	0.375	35000		17	0.064					0.847	0.634	4:21	150	802	577	450	0.260	1.283	801	577							Pitting			
2566	Cluster	Int	4292.90	4301.4	26.92	11.72	38.64	1140	AGM 4	1001.05	AGM 5	139.58	42.000	0.375	0.375	35000		21	0.080					2.395	3.472	7:29	150	787	566	450	0.265	1.258	792	570						CLS C				
2567	Metal Loss	Int	4293.36	4301.9	27.38	11.25	38.64	1140	AGM 4	1001.52	AGM 5	139.11	42.000	0.375	0.375	35000		20	0.074					0.894	0.627	7:21	150	801	577	450	0.260	1.282	801	577							Pitting			
2568	Cluster	Int	4293.41	4302.0	27.43	11.21	38.64	1140	AGM 4	1001.56	AGM 5	139.07	42.000	0.375	0.375	35000		31	0.118					3.116	2.213	6:00	150	762	549	450	0.273	1.219	778	560						CLS C				
2569	Metal Loss	Int	4293.45	4302.0	27.47	11.17	38.64	1140	AGM 4	1001.60	AGM 5	139.03	42.000	0.375	0.375	35000		21	0.080					0.583	0.731	5:25	150	802	578	450	0.260	1.284	802	577							Pitting			
2570	Metal Loss	Int	4293.55	4302.1	27.58	11.06	38.64	1140	AGM 4	1001.71	AGM 5	138.92	42.000	0.375	0.375	35000		24	0.090					0.702	0.637	6:17	150	802	577	450	0.260	1.283	801	577							Pitting			
2571	Metal Loss	Int	4293.59	4302.1	27.61	11.03	38.64	1140	AGM 4	1001.74	AGM 5	138.89	42.000	0.375	0.375	35000		17	0.062					0.762	0.697	5:19	150	802	577	450	0.260	1.283	802	577							Pitting			
2572	Cluster	Int	4293.81	4302.4	27.83	10.81	38.64	1140	AGM 4	1001.96	AGM 5	138.67	42.000	0.375	0.375	35000		32	0.119					1.990	3.254	6:06	150	783	564	450	0.266	1.253	787	567						CLS C				
2573	Metal Loss	Int	4294.00	4302.6	28.02	10.62	38.64	1140	AGM 4	1002.15	AGM 5	138.48	42.000	0.375	0.375	35000		21	0.078					1.065	1.051	6:36	150	800	576	450	0.260	1.280	799	575							Pitting			
2574	Metal Loss	Int	4294.01	4302.6	28.03	10.61	38.64	1140	AGM 4	1002.16	AGM 5	138.47	42.000	0.375	0.375	35000		24	0.090					0.743	0.553	7:22	150	801	577	450	0.260	1.282	801	577							Pitting			
2575	Metal Loss	Int	4294.21	4302.8	28.23	10.41	38.64	1140	AGM 4	1002.36	AGM 5	138.27	42.000	0.375	0.375	35000		23	0.084					0.898	0.499	7:23	150	801	576	450	0.260	1.281	800	576							Pitting			
2576	Metal Loss	Int	4294.51	4303.1	28.53	10.11	38.64	1140	AGM 4	1002.66	AGM 5	137.97	42.000	0.375	0.375	35000		16	0.060					0.495	0.562	5:36	150	803	578	450	0.260	1.285	803	578							Pitting			
2577	Metal Loss	Int	4294.53	4303.1	28.55	10.09	38.64	1140	AGM 4	1002.68	AGM 5	137.95	42.000	0.375	0.375	35000		16	0.061					0.576	0.562	6:07	150	803	578	450	0.260	1.284	803	578							Pitting			
2578	Metal Loss	Int	4294.76	4303.3	28.78	9.86	38.64	1140	AGM 4	1002.91	AGM 5	137.72	42.000	0.375	0.375	35000		26	0.096					0.832	0.878	6:48	150	801	576	450	0.260	1.281	800	576							Pitting			
2579	Metal Loss	Int	4294.82	4303.4	28.84	9.79	38.64	1140	AGM 4	1002.98	AGM 5	137.65	42.000	0.375	0.375	35000		16	0.059					0.617	0.612	5:31	150	803	578	450	0.260	1.284	802	577							Pitting			
2580	Metal Loss	Int	4295.02	4303.6	29.04	9.60	38.64	1140	AGM 4	1003.17	AGM 5	137.46	42.000	0.375	0.375	35000		21	0.079					0.853	0.923	7:35	150	801	577	450	0.260	1.282	801	577							Pitting			
2581	Metal Loss	Int	4295.04	4303.6	29.06	9.57	38.64	1140	AGM 4	1003.20	AGM 5	137.43	42.000	0.375	0.375	35000		18	0.067					0.441	0.617	6:08	150	803	578	450	0.260	1.285	803	578							Pitting			
2582	Metal Loss	Int	4295.28	4303.9	29.30	9.34	38.64	1140	AGM 4	1003.43	AGM 5	137.20	42.000	0.375	0.375	35000		25	0.095					0.888	0.675	6:50	150	800	576	450	0.260	1.280	799	575							Pitting			
2583	Cluster	Int	4295.35	4303.9	29.37	9.27	38.64	1140	AGM 4	1003.50	AGM 5	137.13	42.000	0.375	0.375	35000		43	0.163					2.660	4.112	6:15	150	752	542	450	0.277	1.203	768	553						CLS C				
2584	Cluster	Int	4295.42	4304.0	29.44	9.20	38.64	1140	AGM 4	1003.57	AGM 5	137.06	42.000	0.375	0.375	35000		26	0.096					0.920	2.167	7:27	150	800	576	450	0.260	1.280	799	575						CLS C				
2585	Metal Loss	Int	4295.71	4304.3	29.73	8.90	38.64	1140	AGM 4	1003.87	AGM 5	136.77	42.000	0.375	0.375	35000		15	0.057					1.075	0.819	6:40	150	801	577	450	0.260	1.281	800	576							Pitting			
2586	Metal Loss	Int	4295.82	4304.4	29.84	8.80	38.64	1140	AGM 4	1003.97	AGM 5	136.66	42.000	0.375	0.375	35000		43	0.163					1.223	1.400	6:05	150	790	569	450	0.264	1.265	786	566							General Metal-loss			
2587	Metal Loss	Int	4296.07	4304.7	30.09	8.55	38.64	1140	AGM 4	1004.22	AGM 5	136.41	42.000	0.375	0.375	35000		17	0.064					0.888	0.517	7:24	150	802	577	450	0.260	1.282	801	577							Pitting			
2588	Metal Loss	Int	4296.24	4304.9	30.26	8.37	38.64	1140	AGM 4	1004.40	AGM 5	136.24	42.000	0.375	0.375	35000		18	0.068					0.968	0.678	7:23	150	801	577	450	0.260	1.281	800	576							Pitting			
2589	Metal Loss	Int	4296.31	4304.9	30.33	8.30	38.64	1140	AGM 4	1004.47	AGM 5	136.17	42.000	0.375	0.375	35000		26	0.098					0.850	0.724	6:27	150	800	576	450	0.260	1.281	800	576							Pitting			
2590	Metal Loss	Int	4296.44	4305.1	30.46	8.17	38.64	1140	AGM 4	1004.60	AGM 5	136.03	42.000	0.375	0.375	35000		27	0.101					0.827	0.505	7:25	150	800	576	450	0.260	1.281	800	576							Pitting			
2591	Cluster	Int	4296.58	4305.2	30.60	8.04	38.64	1140	AGM 4	1004.73	AGM 5	135.90	42.000	0.375	0.375	35000		21	0.077					0.842	3.858	6:33	150	801	577	450	0.260	1.282	801	577						CLS C				
2592	Cluster	Int	4297.03	4305.7	31.05	7.59	38.64	1140	AGM 4	1005.18	AGM 5	135.45	42.000	0.375	0.375	35000		52	0.193					1.958	1.537	6:02	150	763	549	450	0.273	1.221	776	559						CLS C				
2593	Metal Loss	Int	4297.25	4305.9	31.27	7.36	38.64	1140	AGM 4	1005.41	AGM 5	135.23	42.000	0.375	0.375	35000		42	0.159					1.471	1.142	7:23	150	786	566	450	0.265	1.257	780	562							Pitting			
2594	Metal Loss	Int	4297.36	4306.0	31.38	7.26	38.64	1140	AGM 4	1005.51	AGM 5	135.12	42.000	0.375	0.375	35000		18	0.068					0.745	0.732	5:20	150	802	577	450	0.260	1.283	802	577							Pitting			
2595	Metal Loss	Int	4297.53	4306.2	31.55	7.09	38.64	1140	AGM 4	1005.68	AGM 5	134.95	42.000	0.375	0.375	35000		20	0.076					0.628	0.683	5:36	150	802	578	450	0.260	1.284	802	577							Pitting			
2596	Metal Loss	Int	4297.53	4306.2	31.55	7.09	38.64	1140	AGM 4	1005.68	AGM 5	134.95	42.000	0.375	0.375	35000		36	0.134					1.387	0.861	7:24	150	791	570	450	0.263	1.266	788	567							Pitting			
2597	Metal Loss	Int	4297.55	4306.2	31.57	7.06	38.64	1140	AGM 4	1005.71	AGM 5	134.93	42.000	0.375	0.375	35000		47	0.175					1.124	1.058	6:02	150	791	570	450	0.263	1.266	787	567							Pitting			
2598	Metal Loss	Int	4297.79	4306.4	31.81	6.83	38.64	1140	AGM 4	1005.94	AGM 5	134.69	42.000	0.375	0.375	35000		30	0.112					1.169	1.049	6:43	150	796	573	450	0.262	1.274	795	572							Pitting			
2599	Cluster	Int	4297.85	4306.5	31.88	6.76	38.64	1140	AGM 4	1006.01	AGM 5	134.62	42.000	0.375	0.375	35000		43	0.163					3.059	6.404	6:08	150	740	533	450	0.281	1.185	765	551						CLS C				
2600	Metal Loss	Int	4297.87	4306.5	31.89	6.74	38.64	1140	AGM 4	1006.03	AGM 5	134.60	42.000	0.375	0.375	35000		23	0.085					0.951	0.510	7:26	150	800	576	450	0.260	1.280	799	575							Pitting			
2601	Metal Loss	Int	4298.13	4306.8	32.15	6.49	38.64	1140	AGM 4	1006.28	AGM 5	134.35	42.000	0.375	0.375	35000		20	0.074					1.279	0.722	7:25	150	799	575	450	0.261	1.278	798	575							Pitting			
2602	Metal Loss	Int	4298.14	4306.8	32.16	6.48	38.64	1140	AGM 4	1006.29	AGM 5	134.34	42.000	0.375	0.375	35000		19	0.072					0.752	0.702	4:35	150	802	577	450	0.260	1.283	801	577							Pitting			
2603	Metal Loss	Int	4298.59	4307.2	32.61	6.03	38.64	1140	AGM 4	1006.74	AGM 5	133.89	42.000	0.375	0.375	35000		21	0.079					0.680	0.633	5:58	150	802	577	450	0.260	1.283	802	577							Pitting			
2604	Cluster	Int	4298.60	4307.3	32.62	6.01	38.64	1140	AGM 4	1006.76	AGM 5	133.87	42.000	0.375	0.375	35000		21	0.079					1.955	4.501	6:28	150	792	570	450	0.263	1.267	790	569						CLS C				
2605	Cluster	Int	4298.67	4307.3	32.69	5.95	38.64	1140	AGM 4	1006.82	AGM 5	133.81	42.000	0.375	0.375	35000		33	0.123					2.596	1.899	7:31	150	770	555	450	0.270	1.232	785	565						CLS C				
2606	Metal Loss	Int	4298.93	4307.6	32.95	5.68	38.64	1140	AGM 4	1007.09	AGM 5	133.55	42.000	0.375	0.375	35000		24	0.089					1.074	0.960	6:13	150	799	575	450	0.261	1.279	798	575							Pitting			
2607	Metal Loss	Int	4299.05	4307.7	33.08	5.56	38.64	1140	AGM 4	1007.21	AGM 5	133.42	42.000	0.375	0.375	35000		36	0.136					1.136	0.860	6:38	150	795	572	450	0.262	1.272	792	570							Pitting			
2608	Metal Loss	Int	4299.13	4307.8	33.15	5.49	38.64	1140	AGM 4	1007.28	AGM 5	133.35	42.000	0.375	0.375	35000		22	0.083					1.275	0.921	7:25	150	798	574	450	0.261	1.277	797	574							Pitting			
2609	Metal Loss	Int	4299.20	4307.9	33.22	5.42	38.64	1140	AGM 4	1007.35	AGM 5	133.28	42.000	0.375	0.375	35000		58	0.217					0.762	0.785	6:01	150	795	572	450	0.262	1.272	791	570							Pitting			
2610	Metal Loss	Int	4299.21	4307.9	33.23	5.41	38.64	1140	AGM 4	1007.36	AGM 5	133.27	42.000	0.375	0.375	35000		18	0.069					0.816	1.029	5:43	150	802	577	450	0.260	1.283	801	577							Pitting			
2611	Metal Loss	Int	4299.32	4308.0	33.34	5.30	38.64	1140	AGM 4	1007.47	AGM 5	133.16	42.000	0.375	0.375	35000		16	0.060					0.902	0.960	6:37	150	802	577	450	0.260	1.283	801	577							Pitting			
2612	Metal Loss	Int	4299.58	4308.3	33.60	5.04	38.64	1140	AGM 4	1007.73	AGM 5	132.90	42.000	0.375	0.375	35000		35	0.133					1.058	0.771	6:14	150	796	573	450	0.262	1.274	794	572							Pitting			
2613	Metal Loss	Int	4299.74	4308.4	33.76	4.88	38.64	1140	AGM 4	1007.89	AGM 5	132.74	42.000	0.375	0.375	35000		21	0.079					0.738	0.635	7:25	150	802	577	450	0.260	1.283	801	577							Pitting			
2614	Metal Loss	Int	4299.78	4308.5	33.81	4.83	38.64	1140	AGM 4	1007.94	AGM 5	132.69	42.000	0.375	0.375	35000		19	0.070					1.198	1.394	6:21	150	799	576	450	0.260	1.279	799	575							General Metal-loss			
2615	Metal Loss	Int	4300.29	4309.0	34.31	4.33	38.64	1140	AGM 4	1008.44	AGM 5	132.19	42.000	0.375	0.375	35000		19	0.073					0.767	0.591	6:15	150	802	577	450	0.260	1.283	801	577							Pitting			
2616	Cluster	Int	4300.37	4309.1	34.39	4.24	38.64	1140	AGM 4	1008.53	AGM 5	132.11	42.000	0.375	0.375	35000		26	0.097					0.909	2.133	7:23	150	800	576	450	0.260	1.280	799	575						CLS C				
2617	Cluster	Int	4300.46	4309.2	34.48	4.15	38.64	1140	AGM 4	1008.62	AGM 5	132.01	42.000	0.375	0.375	35000		34	0.126					1.577	3.410	5:50	150	789	568	450	0.264	1.262	788	567						CLS C				
2618	Cluster	Int	4300.59	4309.3	34.61	4.03	38.64	1140	AGM 4	1008.74	AGM 5	131.89	42.000	0.375	0.375	35000		37	0.140					1.092	1.862	7:30	150	795	572	450	0.262	1.272	793	571						CLS C				
2619	Metal Loss	Int	4300.84	4309.5	34.86	3.78	38.64	1140	AGM 4	1008.99	AGM 5	131.64	42.000	0.375	0.375	35000		24	0.089					0.758	0.683	5:24	150	801	577	450	0.260	1.282	801	577							Pitting			
2620	Metal Loss	Int	4300.87	4309.6	34.89	3.75	38.64	1140	AGM 4	1009.02	AGM 5	131.61	42.000	0.375	0.375	35000		36	0.133					0.885	0.752	7:23	150	798	575	450	0.261	1.277	797	574							Pitting			
2621	Metal Loss	Int	4300.92	4309.6	34.94	3.69	38.64	1140	AGM 4	1009.08	AGM 5	131.56	42.000	0.375	0.375	35000		25	0.094					0.936	0.869	6:28	150	800	576	450	0.260	1.280	799	575							Pitting			
2622	Metal Loss	Int	4300.93	4309.6	34.95	3.68	38.64	1140	AGM 4	1009.09	AGM 5	131.54	42.000	0.375	0.375	35000		28	0.104					0.945	0.701	4:35	150	799	575	450	0.261	1.279	798	575							Pitting			
2623	Metal Loss	Int	4301.34	4310.1	35.36	3.28	38.64	1140	AGM 4	1009.49	AGM 5	131.14	42.000	0.375	0.375	35000		38	0.142					0.789	0.938	6:08	150	799	575	450	0.261	1.278	798	575							Pitting			
2624	Metal Loss	Int	4301.56	4310.3	35.58	3.06	38.64	1140	AGM 4	1009.71	AGM 5	130.92	42.000	0.375	0.375	35000		37	0.137					0.774	1.162	6:01	150	799	576	450	0.260	1.279	798	575							Pitting			
2625	Cluster	Int	4301.61	4310.3	35.63	3.00	38.64	1140	AGM 4	1009.77	AGM 5	130.86	42.000	0.375	0.375	35000		30	0.112					1.924	2.428	7:21	150	786	566	450	0.265	1.257	788	567						CLS C				
2626	Metal Loss	Int	4301.89	4310.6	35.91	2.72	38.64	1140	AGM 4	1010.04	AGM 5	130.59	42.000	0.375	0.375	35000		24	0.091					0.767	0.617	7:18	150	801	577	450	0.260	1.282	801	577							Pitting			
2627	Metal Loss	Int	4302.18	4310.9	36.20	2.44	38.64	1140	AGM 4	1010.33	AGM 5	130.30	42.000	0.375	0.375	35000		17	0.063					0.400	0.547	7:20	150	803	578	450	0.260	1.285	803	578							Pitting			
2628	Metal Loss	Int	4302.38	4311.1	36.40	2.24	38.64	1140	AGM 4	1010.53	AGM 5	130.10	42.000	0.375	0.375	35000		29	0.108					0.986	0.792	6:06	150	799	575	450	0.261	1.278	797	574							Pitting			
2629	Metal Loss	Int	4302.52	4311.3	36.54	2.09	38.64	1140	AGM 4	1010.68	AGM 5	129.95	42.000	0.375	0.375	35000		27	0.101					0.573	0.552	4:15	150	802	577	450	0.260	1.283	802	577							Pitting			
2630	Metal Loss	Int	4302.55	4311.3	36.57	2.07	38.64	1140	AGM 4	1010.70	AGM 5	129.93	42.000	0.375	0.375	35000		17	0.064					0.499	0.555	4:36	150	803	578	450	0.260	1.285	803	578							Pitting			
2631	Metal Loss	Int	4302.77	4311.5	36.79	1.85	38.64	1140	AGM 4	1010.92	AGM 5	129.71	42.000	0.375	0.375	35000		21	0.077					1.169	1.308	5:58	150	799	575	450	0.261	1.279	798	575							Pitting			
2632	Metal Loss	Int	4303.22	4312.0	37.24	1.40	38.64	1140	AGM 4	1011.37	AGM 5	129.26	42.000	0.375	0.375	35000		25	0.094					1.240	1.576	5:50	150	797	574	450	0.261	1.276	796	573							General Metal-loss			
2633	Metal Loss	Int	4303.56	4312.3	37.58	1.06	38.64	1140	AGM 4	1011.71	AGM 5	128.92	42.000	0.375	0.375	35000		37	0.139					1.001	0.858	7:22	150	796	573	450	0.262	1.274	795	572							Pitting			
2634	Metal Loss	Int	4303.85	4312.6	37.87	0.77	38.64	1140	AGM 4	1012.00	AGM 5	128.63	42.000	0.375	0.375	35000		20	0.077					0.807	0.588	5:55	150	801	577	450	0.260	1.282	801	577							Pitting			
2635	Metal Loss	Int	4303.92	4312.7	37.94	0.70	38.64	1140	AGM 4	1012.07	AGM 5	128.56	42.000	0.375	0.375	35000		24	0.092					1.123	1.970	7:22	150	799	575	450	0.261	1.278	797	574							Pitting			
2636	Metal Loss	Int	4304.39	4313.2	38.41	0.23	38.64	1140	AGM 4	1012.54	AGM 5	128.09	42.000	0.375	0.375	35000		19	0.071					0.588	0.574	6:37	150	803	578	450	0.260	1.284	802	577							Pitting			
2637	Girth Weld		4304.62	4313.4	38.64	5.28	5.28	1150	AGM 4	1012.77	AGM 5	127.86	42.000	0.375	0.375	35000											150																	
2638	Metal Loss	Int	4304.62	4313.4	0.00	5.28	5.28	1150	AGM 4	1012.77	AGM 5	127.86	42.000	0.375	0.375	35000		63	0.235					1.560	4.176	5:52	150	764	550	450	0.273	1.223	747	538	3	f.3				On GWD	General Metal-loss			
2639	Metal Loss	Int	4304.70	4313.5	0.08	5.19	5.28	1150	AGM 4	1012.85	AGM 5	127.78	42.000	0.375	0.375	35000		21	0.080					0.947	1.001	6:35	150	800	576	450	0.260	1.281	800	576						Near GWD	Pitting			
2640	Metal Loss	Int	4304.72	4313.5	0.11	5.17	5.28	1150	AGM 4	1012.88	AGM 5	127.75	42.000	0.375	0.375	35000		32	0.120					0.821	1.438	4:38	150	800	576	450	0.260	1.279	799	575						Near GWD	Pitting			
2641	Metal Loss	Int	4305.23	4314.0	0.61	4.67	5.28	1150	AGM 4	1013.38	AGM 5	127.25	42.000	0.375	0.375	35000		32	0.121					0.652	0.625	7:22	150	801	577	450	0.260	1.282	800	576							Pitting			
2642	Metal Loss	Int	4305.26	4314.1	0.64	4.63	5.28	1150	AGM 4	1013.41	AGM 5	127.22	42.000	0.375	0.375	35000		22	0.081					0.601	0.594	6:09	150	802	578	450	0.260	1.284	802	577							Pitting			
2643	Metal Loss	Int	4305.44	4314.3	0.83	4.45	5.28	1150	AGM 4	1013.60	AGM 5	127.03	42.000	0.375	0.375	35000		16	0.060					1.159	0.616	7:12	150	800	576	450	0.260	1.281	800	576							Pitting			
2644	Cluster	Int	4305.48	4314.3	0.86	4.41	5.28	1150	AGM 4	1013.63	AGM 5	127.00	42.000	0.375	0.375	35000		23	0.087					1.006	2.797	5:28	150	800	576	450	0.260	1.280	799	575						CLS C				
2645	Metal Loss	Int	4305.48	4314.3	0.87	4.41	5.28	1150	AGM 4	1013.64	AGM 5	126.99	42.000	0.375	0.375	35000		27	0.100					0.503	0.623	4:34	150	802	578	450	0.260	1.284	802	577							Pitting			
2646	Metal Loss	Int	4305.50	4314.3	0.89	4.39	5.28	1150	AGM 4	1013.66	AGM 5	126.97	42.000	0.375	0.375	35000		15	0.058					0.575	0.552	6:26	150	803	578	450	0.260	1.284	803	578							Pitting			
2647	Metal Loss	Int	4305.72	4314.5	1.10	4.18	5.28	1150	AGM 4	1013.87	AGM 5	126.76	42.000	0.375	0.375	35000		22	0.082					0.802	0.822	5:27	150	801	577	450	0.260	1.282	801	577							Pitting			
2648	Metal Loss	Int	4305.72	4314.5	1.11	4.17	5.28	1150	AGM 4	1013.88	AGM 5	126.76	42.000	0.375	0.375	35000		31	0.115					1.000	0.878	5:44	150	798	575	450	0.261	1.277	797	574							Pitting			
2649	Cluster	Int	4305.74	4314.6	1.12	4.15	5.28	1150	AGM 4	1013.89	AGM 5	126.74	42.000	0.375	0.375	35000		27	0.101					1.058	2.938	4:42	150	798	575	450	0.261	1.278	798	575						CLS C				
2650	Metal Loss	Int	4305.78	4314.6	1.16	4.11	5.28	1150	AGM 4	1013.93	AGM 5	126.70	42.000	0.375	0.375	35000		19	0.072					0.887	0.648	6:20	150	801	577	450	0.260	1.282	801	577							Pitting			
2651	Metal Loss	Int	4305.92	4314.7	1.31	3.97	5.28	1150	AGM 4	1014.08	AGM 5	126.55	42.000	0.375	0.375	35000		15	0.058					0.456	0.547	6:19	150	803	578	450	0.260	1.285	803	578							Pitting			
2652	Metal Loss	Int	4306.09	4314.9	1.47	3.80	5.28	1150	AGM 4	1014.24	AGM 5	126.39	42.000	0.375	0.375	35000		37	0.137					0.680	0.601	6:16	150	800	576	450	0.260	1.280	799	575							Pitting			
2653	Metal Loss	Int	4306.09	4314.9	1.48	3.80	5.28	1150	AGM 4	1014.24	AGM 5	126.39	42.000	0.375	0.375	35000		16	0.059					1.101	0.949	5:45	150	801	577	450	0.260	1.281	800	576							Pitting			
2654	Metal Loss	Int	4306.10	4314.9	1.48	3.79	5.28	1150	AGM 4	1014.25	AGM 5	126.38	42.000	0.375	0.375	35000		30	0.112					0.622	0.611	7:25	150	801	577	450	0.260	1.282	801	577							Pitting			
2655	Metal Loss	Int	4306.22	4315.0	1.60	3.68	5.28	1150	AGM 4	1014.37	AGM 5	126.26	42.000	0.375	0.375	35000		21	0.078					0.658	0.708	4:39	150	802	578	450	0.260	1.283	802	577							Pitting			
2656	Metal Loss	Int	4306.24	4315.1	1.63	3.65	5.28	1150	AGM 4	1014.40	AGM 5	126.24	42.000	0.375	0.375	35000		18	0.067					0.343	0.552	5:58	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2657	Cluster	Int	4306.33	4315.2	1.71	3.57	5.28	1150	AGM 4	1014.48	AGM 5	126.15	42.000	0.375	0.375	35000		22	0.081					2.369	1.044	7:21	150	787	566	450	0.265	1.258	791	570						CLS C				
2658	Metal Loss	Int	4306.49	4315.3	1.88	3.40	5.28	1150	AGM 4	1014.65	AGM 5	125.99	42.000	0.375	0.375	35000		31	0.117					1.012	0.718	6:00	150	798	574	450	0.261	1.277	796	573							Pitting			
2659	Metal Loss	Int	4306.77	4315.6	2.15	3.13	5.28	1150	AGM 4	1014.92	AGM 5	125.71	42.000	0.375	0.375	35000		30	0.112					0.831	0.944	6:05	150	800	576	450	0.260	1.280	799	575							Pitting			
2660	Metal Loss	Int	4306.93	4315.8	2.31	2.96	5.28	1150	AGM 4	1015.08	AGM 5	125.55	42.000	0.375	0.375	35000		24	0.091					0.735	0.674	4:46	150	801	577	450	0.260	1.282	801	577							Pitting			
2661	Metal Loss	Int	4306.95	4315.8	2.34	2.94	5.28	1150	AGM 4	1015.11	AGM 5	125.52	42.000	0.375	0.375	35000		20	0.077					0.500	0.587	7:17	150	803	578	450	0.260	1.284	803	578							Pitting			
2662	Metal Loss	Int	4306.98	4315.8	2.36	2.91	5.28	1150	AGM 4	1015.13	AGM 5	125.50	42.000	0.375	0.375	35000		48	0.182					1.037	0.764	6:36	150	792	570	450	0.263	1.267	788	567							Pitting			
2663	Metal Loss	Int	4307.12	4316.0	2.50	2.77	5.28	1150	AGM 4	1015.27	AGM 5	125.36	42.000	0.375	0.375	35000		34	0.127					0.504	0.613	7:20	150	802	577	450	0.260	1.283	802	577							Pitting			
2664	Metal Loss	Int	4307.32	4316.2	2.70	2.57	5.28	1150	AGM 4	1015.47	AGM 5	125.16	42.000	0.375	0.375	35000		25	0.095					0.344	0.551	7:21	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2665	Cluster	Int	4307.62	4316.5	3.01	2.27	5.28	1150	AGM 4	1015.78	AGM 5	124.85	42.000	0.375	0.375	35000		24	0.089					0.881	2.618	4:43	150	801	576	450	0.260	1.281	800	576						CLS C				
2666	Metal Loss	Int	4307.90	4316.8	3.28	2.00	5.28	1150	AGM 4	1016.05	AGM 5	124.58	42.000	0.375	0.375	35000		22	0.083					0.918	0.675	7:14	150	801	576	450	0.260	1.281	800	576							Pitting			
2667	Cluster	Int	4308.11	4317.0	3.49	1.79	5.28	1150	AGM 4	1016.26	AGM 5	124.37	42.000	0.375	0.375	35000		23	0.086					2.204	1.937	6:29	150	788	567	450	0.265	1.260	795	572						CLS C				
2668	Metal Loss	Int	4308.12	4317.0	3.51	1.77	5.28	1150	AGM 4	1016.28	AGM 5	124.35	42.000	0.375	0.375	35000		19	0.072					0.392	0.545	4:46	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2669	Metal Loss	Int	4308.38	4317.3	3.76	1.51	5.28	1150	AGM 4	1016.53	AGM 5	124.10	42.000	0.375	0.375	35000		26	0.096					0.604	0.851	6:36	150	802	577	450	0.260	1.283	802	577							Pitting			
2670	Cluster	Int	4308.46	4317.3	3.85	1.43	5.28	1150	AGM 4	1016.62	AGM 5	124.02	42.000	0.375	0.375	35000		27	0.100					2.483	1.033	7:13	150	780	562	450	0.267	1.248	790	569						CLS C				
2671	Cluster	Int	4308.74	4317.6	4.12	1.16	5.28	1150	AGM 4	1016.89	AGM 5	123.74	42.000	0.375	0.375	35000		26	0.098					1.686	1.229	6:35	150	792	570	450	0.263	1.267	795	572						CLS C				
2672	Metal Loss	Int	4308.76	4317.6	4.15	1.13	5.28	1150	AGM 4	1016.92	AGM 5	123.71	42.000	0.375	0.375	35000		34	0.129					0.625	0.651	4:48	150	801	577	450	0.260	1.282	800	576							Pitting			
2673	Metal Loss	Int	4308.88	4317.8	4.27	1.01	5.28	1150	AGM 4	1017.04	AGM 5	123.60	42.000	0.375	0.375	35000		29	0.110					0.782	0.708	6:18	150	800	576	450	0.260	1.281	800	576							Pitting			
2674	Cluster	Int	4309.03	4317.9	4.41	0.87	5.28	1150	AGM 4	1017.18	AGM 5	123.45	42.000	0.375	0.375	35000		42	0.156					2.130	3.623	6:02	150	770	554	450	0.271	1.232	787	567						CLS C				
2675	Metal Loss	Int	4309.42	4318.3	4.81	0.47	5.28	1150	AGM 4	1017.58	AGM 5	123.06	42.000	0.375	0.375	35000		45	0.170					0.756	1.052	6:04	150	798	575	450	0.261	1.277	796	573							Pitting			
2676	Metal Loss	Int	4309.72	4318.6	5.10	0.17	5.28	1150	AGM 4	1017.87	AGM 5	122.76	42.000	0.375	0.375	35000		28	0.106					0.978	1.252	7:17	150	799	575	450	0.261	1.278	798	575						Near GWD	Pitting			
2677	Metal Loss	Int	4309.78	4318.7	5.16	0.12	5.28	1150	AGM 4	1017.93	AGM 5	122.70	42.000	0.375	0.375	35000		27	0.099					0.687	1.669	4:50	150	801	577	450	0.260	1.282	801	577						Near GWD	Circumferential Grooving			
2678	Cluster	Int	4309.85	4318.8	5.24	0.04	5.28	1150	AGM 4	1018.01	AGM 5	122.63	42.000	0.375	0.375	35000		44	0.164					2.493	8.381	6:03	150	757	545	450	0.275	1.211	763	549						CLS C I On GWD				
2679	Girth Weld		4309.89	4318.8	5.28	40.92	40.92	1160	AGM 4	1018.05	AGM 5	122.59	42.000	0.375	0.375	35000											150																	
2680	Metal Loss	Int	4310.07	4319.0	0.17	40.75	40.92	1160	AGM 4	1018.22	AGM 5	122.41	42.000	0.375	0.375	35000		17	0.065					0.481	0.595	7:22	150	803	578	450	0.260	1.285	803	578							Pitting			
2681	Metal Loss	Int	4310.22	4319.1	0.33	40.59	40.92	1160	AGM 4	1018.38	AGM 5	122.26	42.000	0.375	0.375	35000		18	0.069					0.578	0.657	4:47	150	803	578	450	0.260	1.284	802	577							Pitting			
2682	Metal Loss	Int	4310.26	4319.2	0.37	40.55	40.92	1160	AGM 4	1018.42	AGM 5	122.21	42.000	0.375	0.375	35000		19	0.073					0.315	0.547	7:26	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2683	Metal Loss	Int	4310.44	4319.4	0.54	40.38	40.92	1160	AGM 4	1018.59	AGM 5	122.04	42.000	0.375	0.375	35000		33	0.123					0.817	0.822	4:49	150	800	576	450	0.260	1.279	798	575							Pitting			
2684	Cluster	Int	4310.55	4319.5	0.66	40.27	40.92	1160	AGM 4	1018.70	AGM 5	121.93	42.000	0.375	0.375	35000		51	0.192					1.208	4.688	5:47	150	787	566	450	0.265	1.259	781	562						CLS C				
2685	Metal Loss	Int	4310.63	4319.5	0.73	40.19	40.92	1160	AGM 4	1018.78	AGM 5	121.85	42.000	0.375	0.375	35000		18	0.066					0.387	0.540	6:27	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2686	Metal Loss	Int	4310.64	4319.6	0.75	40.17	40.92	1160	AGM 4	1018.80	AGM 5	121.84	42.000	0.375	0.375	35000		22	0.082					0.750	0.740	4:45	150	802	577	450	0.260	1.282	801	577							Pitting			
2687	Cluster	Int	4310.65	4319.6	0.76	40.16	40.92	1160	AGM 4	1018.81	AGM 5	121.82	42.000	0.375	0.375	35000		17	0.064					2.455	0.816	7:13	150	790	569	450	0.264	1.264	795	572						CLS C				
2688	Metal Loss	Int	4310.78	4319.7	0.89	40.03	40.92	1160	AGM 4	1018.94	AGM 5	121.69	42.000	0.375	0.375	35000		21	0.077					0.505	0.597	4:46	150	803	578	450	0.260	1.284	803	578							Pitting			
2689	Metal Loss	Int	4311.09	4320.0	1.20	39.73	40.92	1160	AGM 4	1019.24	AGM 5	121.39	42.000	0.375	0.375	35000		21	0.080					0.420	0.533	6:03	150	803	578	450	0.260	1.285	803	578							Pitting			
2690	Metal Loss	Int	4311.33	4320.3	1.44	39.48	40.92	1160	AGM 4	1019.49	AGM 5	121.15	42.000	0.375	0.375	35000		16	0.059					0.893	1.059	5:23	150	802	577	450	0.260	1.283	801	577							Pitting			
2691	Metal Loss	Int	4311.53	4320.5	1.63	39.29	40.92	1160	AGM 4	1019.68	AGM 5	120.95	42.000	0.375	0.375	35000		39	0.146					0.941	0.927	6:34	150	797	574	450	0.261	1.275	795	572							Pitting			
2692	Metal Loss	Int	4311.54	4320.5	1.65	39.27	40.92	1160	AGM 4	1019.70	AGM 5	120.93	42.000	0.375	0.375	35000		17	0.064					0.908	1.307	6:10	150	801	577	450	0.260	1.282	801	577							Pitting			
2693	Metal Loss	Int	4311.62	4320.6	1.73	39.19	40.92	1160	AGM 4	1019.78	AGM 5	120.85	42.000	0.375	0.375	35000		25	0.095					0.532	0.577	7:16	150	802	578	450	0.260	1.284	802	577							Pitting			
2694	Metal Loss	Int	4311.71	4320.7	1.82	39.10	40.92	1160	AGM 4	1019.87	AGM 5	120.77	42.000	0.375	0.375	35000		20	0.074					0.642	0.628	6:07	150	802	578	450	0.260	1.284	802	577							Pitting			
2695	Metal Loss	Int	4311.96	4320.9	2.07	38.86	40.92	1160	AGM 4	1020.11	AGM 5	120.52	42.000	0.375	0.375	35000		28	0.106					0.867	0.755	5:21	150	800	576	450	0.260	1.280	799	575							Pitting			
2696	Metal Loss	Int	4311.97	4320.9	2.07	38.85	40.92	1160	AGM 4	1020.12	AGM 5	120.51	42.000	0.375	0.375	35000		24	0.090					0.709	0.827	6:38	150	802	577	450	0.260	1.282	801	577							Pitting			
2697	Cluster	Int	4311.97	4320.9	2.08	38.84	40.92	1160	AGM 4	1020.13	AGM 5	120.50	42.000	0.375	0.375	35000		37	0.138					1.679	1.447	7:15	150	785	565	450	0.265	1.256	795	572						CLS C				
2698	Metal Loss	Int	4312.20	4321.2	2.31	38.61	40.92	1160	AGM 4	1020.36	AGM 5	120.27	42.000	0.375	0.375	35000		21	0.080					0.721	1.051	7:15	150	802	577	450	0.260	1.283	801	577							Pitting			
2699	Metal Loss	Int	4312.33	4321.3	2.43	38.49	40.92	1160	AGM 4	1020.48	AGM 5	120.15	42.000	0.375	0.375	35000		15	0.056					0.712	0.810	6:01	150	802	578	450	0.260	1.284	802	577							Pitting			
2700	Metal Loss	Int	4312.44	4321.4	2.55	38.38	40.92	1160	AGM 4	1020.59	AGM 5	120.04	42.000	0.375	0.375	35000		31	0.116					0.738	0.591	7:12	150	801	576	450	0.260	1.281	800	576							Pitting			
2701	Metal Loss	Int	4312.77	4321.7	2.87	38.05	40.92	1160	AGM 4	1020.92	AGM 5	119.71	42.000	0.375	0.375	35000		23	0.086					1.221	1.844	7:17	150	798	575	450	0.261	1.277	797	574							General Metal-loss			
2702	Metal Loss	Int	4312.95	4321.9	3.05	37.87	40.92	1160	AGM 4	1021.10	AGM 5	119.53	42.000	0.375	0.375	35000		29	0.111					0.763	0.756	7:12	150	801	576	450	0.260	1.281	800	576							Pitting			
2703	Metal Loss	Int	4313.31	4322.3	3.42	37.51	40.92	1160	AGM 4	1021.46	AGM 5	119.17	42.000	0.375	0.375	35000		16	0.061					0.740	0.918	6:43	150	802	578	450	0.260	1.284	802	577							Pitting			
2704	Metal Loss	Int	4313.34	4322.3	3.45	37.47	40.92	1160	AGM 4	1021.50	AGM 5	119.14	42.000	0.375	0.375	35000		24	0.091					1.091	1.551	5:20	150	799	575	450	0.261	1.278	798	575							Pitting			
2705	Metal Loss	Int	4313.41	4322.4	3.52	37.41	40.92	1160	AGM 4	1021.56	AGM 5	119.07	42.000	0.375	0.375	35000		26	0.099					0.783	0.985	7:17	150	801	577	450	0.260	1.281	800	576							Pitting			
2706	Metal Loss	Int	4313.49	4322.5	3.59	37.33	40.92	1160	AGM 4	1021.64	AGM 5	118.99	42.000	0.375	0.375	35000		31	0.115					0.931	1.614	6:43	150	799	575	450	0.261	1.278	798	575							Pitting			
2707	Metal Loss	Int	4313.60	4322.6	3.71	37.21	40.92	1160	AGM 4	1021.76	AGM 5	118.87	42.000	0.375	0.375	35000		31	0.116					1.139	1.445	5:41	150	796	573	450	0.262	1.274	795	572							Pitting			
2708	Cluster	Int	4313.67	4322.7	3.78	37.14	40.92	1160	AGM 4	1021.83	AGM 5	118.80	42.000	0.375	0.375	35000		28	0.104					0.896	2.238	6:34	150	800	576	450	0.260	1.280	799	575						CLS C				
2709	Metal Loss	Int	4313.84	4322.8	3.94	36.98	40.92	1160	AGM 4	1021.99	AGM 5	118.64	42.000	0.375	0.375	35000		53	0.199					1.260	1.083	6:10	150	784	565	450	0.265	1.255	777	559							Pitting			
2710	Metal Loss	Int	4313.93	4322.9	4.03	36.89	40.92	1160	AGM 4	1022.08	AGM 5	118.55	42.000	0.375	0.375	35000		17	0.063					1.454	1.665	6:43	150	798	575	450	0.261	1.277	797	574							General Metal-loss			
2711	Metal Loss	Int	4314.42	4323.4	4.52	36.40	40.92	1160	AGM 4	1022.57	AGM 5	118.06	42.000	0.375	0.375	35000		19	0.073					0.542	0.604	6:46	150	803	578	450	0.260	1.284	802	577							Pitting			
2712	Metal Loss	Int	4314.63	4323.6	4.73	36.19	40.92	1160	AGM 4	1022.78	AGM 5	117.85	42.000	0.375	0.375	35000		25	0.094					0.797	1.166	6:43	150	801	577	450	0.260	1.281	800	576							Pitting			
2713	Metal Loss	Int	4314.68	4323.7	4.79	36.14	40.92	1160	AGM 4	1022.83	AGM 5	117.80	42.000	0.375	0.375	35000		30	0.111					0.724	0.666	6:18	150	801	577	450	0.260	1.281	800	576							Pitting			
2714	Cluster	Int	4315.07	4324.1	5.18	35.74	40.92	1160	AGM 4	1023.22	AGM 5	117.41	42.000	0.375	0.375	35000		56	0.209					0.995	1.731	6:33	150	790	569	450	0.264	1.264	785	565						CLS C				
2715	Metal Loss	Int	4315.46	4324.5	5.56	35.36	40.92	1160	AGM 4	1023.61	AGM 5	117.02	42.000	0.375	0.375	35000		16	0.060					0.315	0.501	7:19	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2716	Metal Loss	Int	4315.68	4324.7	5.79	35.13	40.92	1160	AGM 4	1023.84	AGM 5	116.80	42.000	0.375	0.375	35000		27	0.101					1.059	1.103	5:49	150	798	575	450	0.261	1.277	797	574							Pitting			
2717	Cluster	Int	4315.75	4324.8	5.85	35.07	40.92	1160	AGM 4	1023.90	AGM 5	116.73	42.000	0.375	0.375	35000		36	0.136					0.963	3.198	6:15	150	797	574	450	0.261	1.275	796	573						CLS C				
2718	Metal Loss	Int	4316.29	4325.3	6.40	34.52	40.92	1160	AGM 4	1024.44	AGM 5	116.19	42.000	0.375	0.375	35000		21	0.078					0.558	0.666	5:12	150	803	578	450	0.260	1.284	802	577							Pitting			
2719	Metal Loss	Int	4317.41	4326.5	7.52	33.40	40.92	1160	AGM 4	1025.57	AGM 5	115.06	42.000	0.375	0.375	35000		16	0.060					0.315	0.507	7:02	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2720	Metal Loss	Int	4317.49	4326.6	7.60	33.32	40.92	1160	AGM 4	1025.65	AGM 5	114.99	42.000	0.375	0.375	35000		22	0.081					0.861	1.182	6:35	150	801	577	450	0.260	1.282	800	576							Pitting			
2721	Metal Loss	Int	4317.93	4327.0	8.04	32.89	40.92	1160	AGM 4	1026.08	AGM 5	114.55	42.000	0.375	0.375	35000		42	0.158					1.041	1.039	6:42	150	794	572	450	0.262	1.271	792	570							Pitting			
2722	Metal Loss	Int	4318.12	4327.2	8.23	32.69	40.92	1160	AGM 4	1026.27	AGM 5	114.36	42.000	0.375	0.375	35000		41	0.152					1.117	1.193	5:59	150	794	571	450	0.263	1.270	791	570							Pitting			
2723	Metal Loss	Int	4319.20	4328.3	9.30	31.62	40.92	1160	AGM 4	1027.35	AGM 5	113.28	42.000	0.375	0.375	35000		36	0.135					0.812	0.518	6:34	150	799	575	450	0.261	1.278	798	575							Pitting			
2724	Metal Loss	Int	4319.54	4328.7	9.65	31.27	40.92	1160	AGM 4	1027.69	AGM 5	112.94	42.000	0.375	0.375	35000		26	0.099					0.743	0.947	7:04	150	801	577	450	0.260	1.282	800	576							Pitting			
2725	Metal Loss	Int	4319.71	4328.8	9.82	31.10	40.92	1160	AGM 4	1027.86	AGM 5	112.77	42.000	0.375	0.375	35000		52	0.197					1.169	1.144	6:12	150	787	567	450	0.265	1.259	781	562							Pitting			
2726	Metal Loss	Int	4320.80	4329.9	10.90	30.02	40.92	1160	AGM 4	1028.95	AGM 5	111.68	42.000	0.375	0.375	35000		16	0.061					0.737	0.758	5:53	150	802	578	450	0.260	1.284	802	577							Pitting			
2727	Metal Loss	Int	4321.06	4330.2	11.17	29.75	40.92	1160	AGM 4	1029.22	AGM 5	111.42	42.000	0.375	0.375	35000		50	0.187					1.360	1.556	6:03	150	783	564	450	0.266	1.254	777	559							General Metal-loss			
2728	Metal Loss	Int	4321.42	4330.6	11.52	29.40	40.92	1160	AGM 4	1029.57	AGM 5	111.06	42.000	0.375	0.375	35000		20	0.075					0.382	0.541	7:08	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2729	Metal Loss	Int	4321.49	4330.6	11.60	29.33	40.92	1160	AGM 4	1029.64	AGM 5	110.99	42.000	0.375	0.375	35000		16	0.059					0.444	0.560	6:21	150	803	578	450	0.260	1.285	803	578							Pitting			
2730	Metal Loss	Int	4321.83	4331.0	11.93	28.99	40.92	1160	AGM 4	1029.98	AGM 5	110.65	42.000	0.375	0.375	35000		22	0.083					0.831	0.886	6:02	150	801	577	450	0.260	1.282	801	577							Pitting			
2731	Metal Loss	Int	4322.16	4331.3	12.27	28.65	40.92	1160	AGM 4	1030.32	AGM 5	110.31	42.000	0.375	0.375	35000		28	0.104					0.746	0.666	5:59	150	801	577	450	0.260	1.281	800	576							Pitting			

Feature Number (sequential order)	Pipeline Feature	INT/ EXT (ID/OD)	Odometer	Station Number	Distance to U/S weld	Distance to D/S weld	Joint Length	Defect Joint Number	Upstream (U/S) Reference Name	Upstream (U/S) Reference Distance from:	Downstream (D/S) Reference Name	Downstream (D/S) Reference Distance to:	Diameter	Nominal Wall Thickness	Measured Wall Thickness	Pipe Grade (SMYS)	Long Seam Orientation	Metal Loss Depth	Metal Loss Depth	Deformation Depth	Deformation Depth	Crack Depth	Crack Depth	Length	Width	Orientation	MOP	Modified B31.G Modified B31.G P_{BURST}	Modified B31.G Modified B31.G P_{SAFE}	Design Pressure (72% SMYS)	ERF MOP / P_{SAFE}	RPR P_{BURST} / 100% SMYS	Effective Area P_{BURST}	Effective Area P_{SAFE}	Group Number	Group Category	NAD 83 Latitude	NAD 83 Longitude	NAVD 88 Elevation	Comments	POF classification	Excavation/ Repair Required	SPLC Notes	Tool Type/ Technology
			(feet)	(feet)	(feet)	(feet)	(feet)			(feet)		(feet)	(inch)	(inch)	(inch)	(psi)		(%)	(inch)	(%)	(inch)	(%)	(inch)	(inch)	(inch)	(O'clock)	(psi)	(psi)	(psi)	(psi)			(psi)	(psi)					(feet)			Target/Yes/AGM		
2732	Metal Loss	Int	4326.42	4335.7	16.53	24.39	40.92	1160	AGM 4	1034.58	AGM 5	106.05	42.000	0.375	0.375	35000		24	0.090					0.824	1.146	5:57	150	801	577	450	0.260	1.281	800	576							Pitting			
2733	Metal Loss	Int	4326.74	4336.0	16.85	24.07	40.92	1160	AGM 4	1034.90	AGM 5	105.74	42.000	0.375	0.375	35000		23	0.086					0.787	1.046	6:07	150	801	577	450	0.260	1.282	801	577							Pitting			
2734	Metal Loss	Int	4327.57	4336.9	17.68	23.24	40.92	1160	AGM 4	1035.73	AGM 5	104.90	42.000	0.375	0.375	35000		18	0.069					0.599	0.676	4:51	150	803	578	450	0.260	1.284	802	577							Pitting			
2735	Metal Loss	Int	4328.91	4338.2	19.01	21.91	40.92	1160	AGM 4	1037.06	AGM 5	103.57	42.000	0.375	0.375	35000		17	0.062					0.627	0.786	5:57	150	803	578	450	0.260	1.284	802	577							Pitting			
2736	Metal Loss	Int	4330.27	4339.6	20.38	20.54	40.92	1160	AGM 4	1038.43	AGM 5	102.21	42.000	0.375	0.375	35000		18	0.067					1.102	1.573	6:05	150	800	576	450	0.260	1.280	799	575							Pitting			
2737	Metal Loss	Int	4330.66	4340.0	20.76	20.16	40.92	1160	AGM 4	1038.81	AGM 5	101.82	42.000	0.375	0.375	35000		30	0.111					0.604	0.593	6:35	150	802	577	450	0.260	1.283	801	577							Pitting			
2738	Metal Loss	Int	4330.81	4340.2	20.92	20.00	40.92	1160	AGM 4	1038.97	AGM 5	101.67	42.000	0.375	0.375	35000		38	0.142					1.032	0.907	4:25	150	796	573	450	0.262	1.273	794	572							Pitting			
2739	Metal Loss	Int	4332.55	4341.9	22.66	18.26	40.92	1160	AGM 4	1040.70	AGM 5	99.93	42.000	0.375	0.375	35000		19	0.070					0.359	0.536	6:10	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2740	Metal Loss	Int	4332.86	4342.3	22.96	17.96	40.92	1160	AGM 4	1041.01	AGM 5	99.62	42.000	0.375	0.375	35000		18	0.066					0.315	0.530	6:20	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2741	Metal Loss	Int	4333.72	4343.1	23.83	17.09	40.92	1160	AGM 4	1041.87	AGM 5	98.76	42.000	0.375	0.375	35000		41	0.153					0.891	0.910	7:18	150	797	574	450	0.261	1.275	795	572							Pitting			
2742	Metal Loss	Int	4334.49	4343.9	24.60	16.33	40.92	1160	AGM 4	1042.64	AGM 5	97.99	42.000	0.375	0.375	35000		27	0.101					0.862	1.215	7:13	150	800	576	450	0.260	1.280	799	575							Pitting			
2743	Metal Loss	Int	4336.19	4345.7	26.29	14.63	40.92	1160	AGM 4	1044.34	AGM 5	96.29	42.000	0.375	0.375	35000		30	0.114					0.738	0.699	6:34	150	801	576	450	0.260	1.281	800	576							Pitting			
2744	Metal Loss	Int	4336.65	4346.1	26.76	14.16	40.92	1160	AGM 4	1044.81	AGM 5	95.82	42.000	0.375	0.375	35000		22	0.082					0.315	0.537	5:34	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2745	Cluster	Int	4337.85	4347.4	27.96	12.96	40.92	1160	AGM 4	1046.01	AGM 5	94.62	42.000	0.375	0.375	35000		38	0.142					1.200	4.655	6:31	150	793	571	450	0.263	1.269	791	570						CLS C				
2746	Metal Loss	Int	4340.36	4349.9	30.47	10.46	40.92	1160	AGM 4	1048.51	AGM 5	92.12	42.000	0.375	0.375	35000		27	0.100					1.002	1.288	5:56	150	799	575	450	0.261	1.278	798	575							Pitting			
2747	Metal Loss	Int	4344.29	4353.9	34.40	6.52	40.92	1160	AGM 4	1052.45	AGM 5	88.18	42.000	0.375	0.375	35000		40	0.148					1.001	0.928	6:39	150	796	573	450	0.262	1.273	794	572							Pitting			
2748	Metal Loss	Int	4344.97	4354.6	35.08	5.84	40.92	1160	AGM 4	1053.13	AGM 5	87.51	42.000	0.375	0.375	35000		37	0.140					1.035	1.397	5:29	150	796	573	450	0.262	1.273	794	572							Pitting			
2749	Metal Loss	Int	4345.17	4354.8	35.28	5.64	40.92	1160	AGM 4	1053.32	AGM 5	87.31	42.000	0.375	0.375	35000		27	0.100					0.657	0.651	5:56	150	802	577	450	0.260	1.283	801	577							Pitting			
2750	Metal Loss	Int	4346.27	4355.9	36.37	4.55	40.92	1160	AGM 4	1054.42	AGM 5	86.21	42.000	0.375	0.375	35000		43	0.162					1.097	1.346	6:08	150	793	571	450	0.263	1.269	790	569							Pitting			
2751	Metal Loss	Int	4346.50	4356.2	36.61	4.31	40.92	1160	AGM 4	1054.66	AGM 5	85.98	42.000	0.375	0.375	35000		31	0.118					0.999	1.006	6:40	150	798	575	450	0.261	1.277	797	574							Pitting			
2752	Cluster	Int	4348.88	4358.6	38.99	1.93	40.92	1160	AGM 4	1057.04	AGM 5	83.59	42.000	0.375	0.375	35000		30	0.111					1.108	4.156	6:03	150	797	574	450	0.261	1.276	796	573						CLS C				
2753	Metal Loss	Int	4350.81	4360.6	40.92	0.00	40.92	1160	AGM 4	1058.97	AGM 5	81.66	42.000	0.375	0.375	35000		30	0.113					0.607	0.730	5:28	150	802	577	450	0.260	1.283	801	577						On GWD	Pitting			
2754	Girth Weld		4350.82	4360.6	40.92	5.30	5.30	1170	AGM 4	1058.97	AGM 5	81.66	42.000	0.375	0.375	35000											150																	
2755	Girth Weld		4356.11	4366.0	5.30	40.39	40.39	1180	AGM 4	1064.27	AGM 5	76.36	42.000	0.375	0.375	35000											150																	
2756	Metal Loss	Int	4356.44	4366.3	0.32	40.07	40.39	1180	AGM 4	1064.59	AGM 5	76.04	42.000	0.375	0.375	35000		22	0.083					0.389	0.543	6:00	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2757	Metal Loss	Int	4358.87	4368.8	2.76	37.63	40.39	1180	AGM 4	1067.02	AGM 5	73.61	42.000	0.375	0.375	35000		16	0.059					0.472	0.629	5:46	150	803	578	450	0.260	1.285	803	578							Pitting			
2758	Metal Loss	Int	4372.06	4382.3	15.94	24.45	40.39	1180	AGM 4	1080.21	AGM 5	60.42	42.000	0.375	0.375	35000		24	0.091					0.705	0.729	5:56	150	802	577	450	0.260	1.282	801	577							Pitting			
2759	Girth Weld		4396.50	4407.3	40.39	4.84	4.84	1190	AGM 4	1104.66	AGM 5	35.97	42.000	0.375	0.375	35000											150																	
2760	Bend		4398.87	4409.7	2.36	2.48	4.84	1190	AGM 4	1107.02	AGM 5	33.61	42.000	0.375	0.375	35000								53.775			150													Over Forged Bend				
2761	Girth Weld		4401.34	4412.2	4.84	4.18	4.18	1200	AGM 4	1109.50	AGM 5	31.13	42.000	0.375	0.375	35000											150																	
2762	Bend		4403.42	4414.3	2.08	2.10	4.18	1200	AGM 4	1111.58	AGM 5	29.05	42.000	0.375	0.375	35000								47.165			150													Sag Forged Bend				
2763	Girth Weld		4405.52	4416.5	4.18	26.46	26.46	1210	AGM 4	1113.68	AGM 5	26.95	42.000	0.375	0.375	35000											150																	
2764	Metal Loss	Int	4406.31	4417.3	0.79	25.67	26.46	1210	AGM 4	1114.47	AGM 5	26.16	42.000	0.375	0.375	35000		22	0.084					0.788	0.731	5:48	150	801	577	450	0.260	1.282	801	577							Pitting			
2765	Cluster	Int	4406.44	4417.4	0.91	25.54	26.46	1210	AGM 4	1114.59	AGM 5	26.04	42.000	0.375	0.375	35000		19	0.070					2.603	5.419	6:19	150	787	566	450	0.265	1.259	789	568						CLS C				
2766	Metal Loss	Int	4406.80	4417.8	1.28	25.18	26.46	1210	AGM 4	1114.96	AGM 5	25.67	42.000	0.375	0.375	35000		19	0.073					0.628	0.623	6:05	150	802	578	450	0.260	1.284	802	577							Pitting			
2767	Cluster	Int	4406.95	4417.9	1.42	25.03	26.46	1210	AGM 4	1115.10	AGM 5	25.53	42.000	0.375	0.375	35000		52	0.195					0.637	3.577	6:13	150	799	575	450	0.261	1.278	797	574						CLS C				
2768	Cluster	Int	4407.42	4418.4	1.90	24.56	26.46	1210	AGM 4	1115.57	AGM 5	25.06	42.000	0.375	0.375	35000		37	0.139					3.349	3.649	6:20	150	746	537	450	0.279	1.194	743	535						CLS C				
2769	Metal Loss	Int	4407.74	4418.7	2.22	24.24	26.46	1210	AGM 4	1115.90	AGM 5	24.73	42.000	0.375	0.375	35000		15	0.057					0.777	0.638	7:06	150	802	578	450	0.260	1.283	802	577							Pitting			
2770	Metal Loss	Int	4407.94	4418.9	2.41	24.05	26.46	1210	AGM 4	1116.09	AGM 5	24.54	42.000	0.375	0.375	35000		31	0.114					1.212	1.375	6:53	150	796	573	450	0.262	1.273	794	572							General Metal-loss			
2771	Metal Loss	Int	4407.94	4418.9	2.42	24.04	26.46	1210	AGM 4	1116.10	AGM 5	24.53	42.000	0.375	0.375	35000		17	0.064					0.740	0.541	5:08	150	802	578	450	0.260	1.283	802	577							Pitting			
2772	Metal Loss	Int	4408.31	4419.3	2.79	23.67	26.46	1210	AGM 4	1116.46	AGM 5	24.17	42.000	0.375	0.375	35000		18	0.069					0.815	0.753	6:02	150	802	577	450	0.260	1.283	801	577							Pitting			
2773	Metal Loss	Int	4408.42	4419.4	2.89	23.56	26.46	1210	AGM 4	1116.57	AGM 5	24.06	42.000	0.375	0.375	35000		15	0.057					1.353	1.236	6:40	150	799	576	450	0.260	1.279	799	575							General Metal-loss			
2774	Metal Loss	Int	4408.56	4419.6	3.04	23.42	26.46	1210	AGM 4	1116.71	AGM 5	23.92	42.000	0.375	0.375	35000		30	0.113					1.278	1.380	5:53	150	795	572	450	0.262	1.272	793	571							General Metal-loss			
2775	Metal Loss	Int	4408.77	4419.8	3.25	23.21	26.46	1210	AGM 4	1116.92	AGM 5	23.71	42.000	0.375	0.375	35000		18	0.068					1.357	1.264	6:36	150	799	575	450	0.261	1.278	797	574							General Metal-loss			
2776	Metal Loss	Int	4408.88	4419.9	3.36	23.10	26.46	1210	AGM 4	1117.03	AGM 5	23.60	42.000	0.375	0.375	35000		18	0.069					0.605	0.557	7:04	150	802	578	450	0.260	1.284	802	577							Pitting			
2777	Cluster	Int	4409.56	4420.6	4.04	22.42	26.46	1210	AGM 4	1117.72	AGM 5	22.91	42.000	0.375	0.375	35000		26	0.096					3.197	5.266	7:11	150	770	554	450	0.271	1.232	772	556						CLS C				
2778	Metal Loss	Int	4409.62	4420.7	4.10	22.36	26.46	1210	AGM 4	1117.78	AGM 5	22.85	42.000	0.375	0.375	35000		19	0.070					0.963	1.046	6:17	150	801	577	450	0.260	1.281	800	576							Pitting			
2779	Metal Loss	Int	4409.82	4420.9	4.30	22.16	26.46	1210	AGM 4	1117.97	AGM 5	22.66	42.000	0.375	0.375	35000		22	0.081					1.130	0.775	6:35	150	799	575	450	0.261	1.279	798	575							Pitting			
2780	Metal Loss	Int	4409.87	4420.9	4.34	22.11	26.46	1210	AGM 4	1118.02	AGM 5	22.61	42.000	0.375	0.375	35000		16	0.059					0.818	0.652	5:14	150	802	577	450	0.260	1.283	802	577							Pitting			
2781	Metal Loss	Int	4409.90	4420.9	4.38	22.08	26.46	1210	AGM 4	1118.06	AGM 5	22.57	42.000	0.375	0.375	35000		21	0.080					0.621	0.668	4:37	150	802	578	450	0.260	1.284	802	577							Pitting			
2782	Metal Loss	Int	4410.01	4421.1	4.49	21.97	26.46	1210	AGM 4	1118.17	AGM 5	22.47	42.000	0.375	0.375	35000		51	0.191					1.361	0.977	5:52	150	783	564	450	0.266	1.252	775	558							Pitting			
2783	Metal Loss	Int	4410.11	4421.2	4.58	21.87	26.46	1210	AGM 4	1118.26	AGM 5	22.37	42.000	0.375	0.375	35000		21	0.080					1.118	1.661	6:33	150	799	576	450	0.260	1.279	798	575							Pitting			
2784	Metal Loss	Int	4410.54	4421.6	5.02	21.44	26.46	1210	AGM 4	1118.69	AGM 5	21.94	42.000	0.375	0.375	35000		21	0.077					1.008	0.640	7:25	150	800	576	450	0.260	1.280	800	576							Pitting			
2785	Cluster	Int	4410.60	4421.7	5.08	21.38	26.46	1210	AGM 4	1118.75	AGM 5	21.88	42.000	0.375	0.375	35000		21	0.077					1.268	3.459	6:27	150	798	575	450	0.261	1.277	797	574						CLS C				
2786	Metal Loss	Int	4410.68	4421.7	5.16	21.30	26.46	1210	AGM 4	1118.84	AGM 5	21.79	42.000	0.375	0.375	35000		23	0.088					0.554	0.612	6:56	150	802	578	450	0.260	1.284	802	577							Pitting			
2787	Metal Loss	Int	4410.72	4421.8	5.20	21.26	26.46	1210	AGM 4	1118.87	AGM 5	21.76	42.000	0.375	0.375	35000		18	0.069					0.463	0.600	4:52	150	803	578	450	0.260	1.285	803	578							Pitting			
2788	Metal Loss	Int	4410.80	4421.9	5.28	21.18	26.46	1210	AGM 4	1118.95	AGM 5	21.68	42.000	0.375	0.375	35000		28	0.106					1.002	0.532	6:35	150	799	575	450	0.261	1.278	797	574							Pitting			
2789	Metal Loss	Int	4410.99	4422.1	5.47	20.99	26.46	1210	AGM 4	1119.15	AGM 5	21.48	42.000	0.375	0.375	35000		20	0.073					0.738	0.812	5:28	150	802	577	450	0.260	1.283	802	577							Pitting			
2790	Metal Loss	Int	4411.25	4422.3	5.73	20.73	26.46	1210	AGM 4	1119.41	AGM 5	21.22	42.000	0.375	0.375	35000		17	0.065					0.603	0.665	6:14	150	803	578	450	0.260	1.284	802	577							Pitting			
2791	Metal Loss	Int	4411.29	4422.4	5.77	20.69	26.46	1210	AGM 4	1119.44	AGM 5	21.19	42.000	0.375	0.375	35000		19	0.072					0.990	1.007	6:56	150	801	576	450	0.260	1.281	800	576							Pitting			
2792	Metal Loss	Int	4411.30	4422.4	5.77	20.68	26.46	1210	AGM 4	1119.45	AGM 5	21.18	42.000	0.375	0.375	35000		38	0.143					1.886	1.805	4:59	150	780	561	450	0.267	1.247	773	557							General Metal-loss			
2793	Metal Loss	Int	4411.70	4422.8	6.18	20.28	26.46	1210	AGM 4	1119.85	AGM 5	20.78	42.000	0.375	0.375	35000		21	0.079					0.531	0.622	5:06	150	803	578	450	0.260	1.284	802	577							Pitting			
2794	Metal Loss	Int	4412.08	4423.2	6.56	19.90	26.46	1210	AGM 4	1120.23	AGM 5	20.40	42.000	0.375	0.375	35000		28	0.107					1.024	0.769	6:36	150	798	575	450	0.261	1.277	797	574							Pitting			
2795	Metal Loss	Int	4412.14	4423.2	6.62	19.84	26.46	1210	AGM 4	1120.30	AGM 5	20.33	42.000	0.375	0.375	35000		43	0.161					1.112	1.057	6:09	150	793	571	450	0.263	1.268	789	568							Pitting			
2796	Metal Loss	Int	4412.55	4423.6	7.02	19.44	26.46	1210	AGM 4	1120.70	AGM 5	19.93	42.000	0.375	0.375	35000		16	0.059					0.720	0.523	5:17	150	802	578	450	0.260	1.284	802	577							Pitting			
2797	Cluster	Int	4412.56	4423.7	7.04	19.42	26.46	1210	AGM 4	1120.72	AGM 5	19.91	42.000	0.375	0.375	35000		20	0.074					1.724	2.187	6:33	150	795	572	450	0.262	1.272	794	572						CLS C				
2798	Cluster	Int	4412.90	4424.0	7.37	19.08	26.46	1210	AGM 4	1121.05	AGM 5	19.58	42.000	0.375	0.375	35000		22	0.082					1.067	2.125	5:42	150	800	576	450	0.260	1.279	799	575						CLS C				
2799	Metal Loss	Int	4413.04	4424.1	7.52	18.94	26.46	1210	AGM 4	1121.19	AGM 5	19.44	42.000	0.375	0.375	35000		16	0.060					0.682	0.607	6:37	150	802	578	450	0.260	1.284	802	577							Pitting			
2800	Metal Loss	Int	4413.05	4424.2	7.52	18.93	26.46	1210	AGM 4	1121.20	AGM 5	19.43	42.000	0.375	0.375	35000		25	0.094					0.525	0.600	4:43	150	802	578	450	0.260	1.284	802	577							Pitting			
2801	Metal Loss	Int	4413.14	4424.2	7.61	18.85	26.46	1210	AGM 4	1121.29	AGM 5	19.34	42.000	0.375	0.375	35000		16	0.062					0.328	0.550	7:43	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2802	Metal Loss	Int	4413.26	4424.4	7.74	18.72	26.46	1210	AGM 4	1121.42	AGM 5	19.21	42.000	0.375	0.375	35000		28	0.105					1.217	1.003	6:32	150	797	574	450	0.261	1.274	795	572							Pitting			
2803	Metal Loss	Int	4413.34	4424.5	7.82	18.64	26.46	1210	AGM 4	1121.50	AGM 5	19.13	42.000	0.375	0.375	35000		22	0.083					1.352	1.606	5:54	150	797	574	450	0.261	1.275	796	573							General Metal-loss			
2804	Metal Loss	Int	4413.56	4424.7	8.04	18.42	26.46	1210	AGM 4	1121.71	AGM 5	18.92	42.000	0.375	0.375	35000		39	0.148					1.745	1.359	6:38	150	782	563	450	0.266	1.251	775	558							General Metal-loss			
2805	Metal Loss	Int	4413.89	4425.0	8.37	18.09	26.46	1210	AGM 4	1122.04	AGM 5	18.59	42.000	0.375	0.375	35000		17	0.066					1.072	0.577	6:01	150	800	576	450	0.260	1.281	800	576							Pitting			
2806	Cluster	Int	4413.90	4425.0	8.38	18.08	26.46	1210	AGM 4	1122.05	AGM 5	18.58	42.000	0.375	0.375	35000		17	0.064					0.479	0.975	4:44	150	803	578	450	0.260	1.285	803	578						CLS C				
2807	Metal Loss	Int	4413.99	4425.1	8.47	17.99	26.46	1210	AGM 4	1122.15	AGM 5	18.49	42.000	0.375	0.375	35000		22	0.084					0.384	0.552	5:19	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2808	Cluster	Int	4414.38	4425.5	8.85	17.60	26.46	1210	AGM 4	1122.53	AGM 5	18.10	42.000	0.375	0.375	35000		25	0.096					3.292	5.327	6:12	150	769	554	450	0.271	1.230	785	565						CLS C				
2809	Metal Loss	Int	4414.53	4425.7	9.01	17.45	26.46	1210	AGM 4	1122.68	AGM 5	17.95	42.000	0.375	0.375	35000		25	0.094					0.755	0.579	6:14	150	801	577	450	0.260	1.282	801	577							Pitting			
2810	Metal Loss	Int	4414.58	4425.7	9.06	17.40	26.46	1210	AGM 4	1122.73	AGM 5	17.90	42.000	0.375	0.375	35000		22	0.082					0.670	0.524	5:20	150	802	577	450	0.260	1.283	802	577							Pitting			
2811	Metal Loss	Int	4414.65	4425.8	9.12	17.34	26.46	1210	AGM 4	1122.80	AGM 5	17.83	42.000	0.375	0.375	35000		28	0.106					0.494	0.569	5:57	150	802	578	450	0.260	1.284	802	577							Pitting			
2812	Metal Loss	Int	4414.82	4426.0	9.30	17.16	26.46	1210	AGM 4	1122.98	AGM 5	17.65	42.000	0.375	0.375	35000		17	0.063					0.663	0.645	5:48	150	802	578	450	0.260	1.284	802	577							Pitting			
2813	Metal Loss	Int	4415.05	4426.2	9.53	16.93	26.46	1210	AGM 4	1123.20	AGM 5	17.43	42.000	0.375	0.375	35000		16	0.060					0.912	1.374	6:05	150	802	577	450	0.260	1.282	801	577							Pitting			
2814	Metal Loss	Int	4415.21	4426.4	9.69	16.77	26.46	1210	AGM 4	1123.36	AGM 5	17.27	42.000	0.375	0.375	35000		15	0.058					0.421	0.606	5:07	150	803	578	450	0.260	1.285	803	578							Pitting			
2815	Metal Loss	Int	4415.47	4426.6	9.95	16.51	26.46	1210	AGM 4	1123.63	AGM 5	17.01	42.000	0.375	0.375	35000		19	0.072					0.477	0.548	4:46	150	803	578	450	0.260	1.285	803	578							Pitting			
2816	Cluster	Int	4415.56	4426.7	10.04	16.42	26.46	1210	AGM 4	1123.71	AGM 5	16.92	42.000	0.375	0.375	35000		20	0.073					0.943	1.872	5:57	150	801	577	450	0.260	1.281	800	576						CLS C				
2817	Metal Loss	Int	4415.81	4427.0	10.29	16.17	26.46	1210	AGM 4	1123.96	AGM 5	16.67	42.000	0.375	0.375	35000		18	0.068					1.072	0.735	5:58	150	800	576	450	0.260	1.281	800	576							Pitting			
2818	Metal Loss	Int	4415.94	4427.1	10.41	16.04	26.46	1210	AGM 4	1124.09	AGM 5	16.54	42.000	0.375	0.375	35000		16	0.061					0.674	0.524	7:06	150	802	578	450	0.260	1.284	802	577							Pitting			
2819	Metal Loss	Int	4416.13	4427.3	10.61	15.85	26.46	1210	AGM 4	1124.28	AGM 5	16.35	42.000	0.375	0.375	35000		21	0.079					0.479	0.570	5:57	150	803	578	450	0.260	1.284	803	578							Pitting			
2820	Metal Loss	Int	4416.38	4427.6	10.86	15.60	26.46	1210	AGM 4	1124.53	AGM 5	16.10	42.000	0.375	0.375	35000		22	0.084					0.686	0.543	4:35	150	802	577	450	0.260	1.283	801	577							Pitting			
2821	Metal Loss	Int	4416.71	4427.9	11.19	15.27	26.46	1210	AGM 4	1124.87	AGM 5	15.76	42.000	0.375	0.375	35000		31	0.117					0.497	0.573	6:04	150	802	578	450	0.260	1.283	802	577							Pitting			
2822	Cluster	Int	4416.98	4428.2	11.46	15.00	26.46	1210	AGM 4	1125.14	AGM 5	15.49	42.000	0.375	0.375	35000		22	0.083					2.436	3.910	6:08	150	785	565	450	0.265	1.256	787	567						CLS C				
2823	Metal Loss	Int	4416.99	4428.2	11.47	14.99	26.46	1210	AGM 4	1125.15	AGM 5	15.49	42.000	0.375	0.375	35000		16	0.060					0.434	0.561	7:39	150	803	578	450	0.260	1.285	803	578							Pitting			
2824	Metal Loss	Int	4417.03	4428.2	11.51	14.95	26.46	1210	AGM 4	1125.19	AGM 5	15.44	42.000	0.375	0.375	35000		20	0.074					0.821	0.562	6:57	150	801	577	450	0.260	1.282	801	577							Pitting			
2825	Cluster	Int	4417.25	4428.4	11.73	14.73	26.46	1210	AGM 4	1125.40	AGM 5	15.23	42.000	0.375	0.375	35000		30	0.112					1.292	2.250	6:11	150	795	572	450	0.262	1.272	795	572						CLS C				
2826	Cluster	Int	4417.58	4428.8	12.06	14.40	26.46	1210	AGM 4	1125.74	AGM 5	14.89	42.000	0.375	0.375	35000		38	0.141					2.158	4.743	6:11	150	774	557	450	0.269	1.238	781	562						CLS C				
2827	Cluster	Int	4417.68	4428.9	12.16	14.30	26.46	1210	AGM 4	1125.83	AGM 5	14.80	42.000	0.375	0.375	35000		28	0.105					2.323	3.308	4:44	150	781	562	450	0.267	1.249	790	569						CLS C				
2828	Cluster	Int	4417.87	4429.1	12.35	14.11	26.46	1210	AGM 4	1126.02	AGM 5	14.61	42.000	0.375	0.375	35000		41	0.155					2.417	2.265	6:03	150	763	549	450	0.273	1.220	775	558						CLS C				
2829	Metal Loss	Int	4417.95	4429.2	12.42	14.03	26.46	1210	AGM 4	1126.10	AGM 5	14.53	42.000	0.375	0.375	35000		17	0.065					1.171	0.762	7:02	150	800	576	450	0.260	1.280	799	575							Pitting			
2830	Metal Loss	Int	4417.96	4429.2	12.44	14.02	26.46	1210	AGM 4	1126.11	AGM 5	14.52	42.000	0.375	0.375	35000		16	0.062					0.824	0.559	4:41	150	802	577	450	0.260	1.283	801	577							Pitting			
2831	Metal Loss	Int	4418.13	4429.3	12.61	13.85	26.46	1210	AGM 4	1126.29	AGM 5	14.34	42.000	0.375	0.375	35000		23	0.085					0.369	0.555	4:23	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2832	Metal Loss	Int	4418.22	4429.4	12.69	13.76	26.46	1210	AGM 4	1126.37	AGM 5	14.26	42.000	0.375	0.375	35000		15	0.058					0.720	0.527	7:41	150	802	578	450	0.260	1.284	802	577							Pitting			
2833	Metal Loss	Int	4418.23	4429.4	12.71	13.75	26.46	1210	AGM 4	1126.38	AGM 5	14.25	42.000	0.375	0.375	35000		26	0.098					0.788	1.357	6:00	150	801	577	450	0.260	1.281	800	576							Pitting			
2834	Metal Loss	Int	4418.48	4429.7	12.95	13.50	26.46	1210	AGM 4	1126.63	AGM 5	14.00	42.000	0.375	0.375	35000		16	0.061					0.740	0.625	5:57	150	802	578	450	0.260	1.284	802	577							Pitting			
2835	Metal Loss	Int	4418.53	4429.8	13.01	13.45	26.46	1210	AGM 4	1126.69	AGM 5	13.94	42.000	0.375	0.375	35000		18	0.067					0.596	0.581	5:01	150	803	578	450	0.260	1.284	802	577							Pitting			
2836	Cluster	Int	4418.67	4429.9	13.14	13.32	26.46	1210	AGM 4	1126.82	AGM 5	13.81	42.000	0.375	0.375	35000		26	0.099					0.878	1.469	5:27	150	800	576	450	0.260	1.280	799	575						CLS C				
2837	Metal Loss	Int	4418.71	4429.9	13.19	13.27	26.46	1210	AGM 4	1126.87	AGM 5	13.77	42.000	0.375	0.375	35000		49	0.185					1.615	1.417	6:01	150	776	559	450	0.268	1.242	767	552							General Metal-loss			
2838	Metal Loss	Int	4418.96	4430.2	13.44	13.02	26.46	1210	AGM 4	1127.12	AGM 5	13.51	42.000	0.375	0.375	35000		22	0.082					0.540	0.555	4:38	150	803	578	450	0.260	1.284	802	577							Pitting			
2839	Metal Loss	Int	4419.08	4430.3	13.56	12.90	26.46	1210	AGM 4	1127.24	AGM 5	13.39	42.000	0.375	0.375	35000		20	0.074					0.513	0.563	6:38	150	803	578	450	0.260	1.284	803	578							Pitting			
2840	Metal Loss	Int	4419.14	4430.4	13.62	12.84	26.46	1210	AGM 4	1127.29	AGM 5	13.34	42.000	0.375	0.375	35000		42	0.157					1.599	1.122	6:07	150	783	564	450	0.266	1.253	777	559							Pitting			
2841	Metal Loss	Int	4419.28	4430.5	13.76	12.70	26.46	1210	AGM 4	1127.43	AGM 5	13.20	42.000	0.375	0.375	35000		22	0.081					0.967	0.616	5:24	150	800	576	450	0.260	1.280	800	576							Pitting			
2842	Metal Loss	Int	4419.60	4430.8	14.08	12.38	26.46	1210	AGM 4	1127.75	AGM 5	12.88	42.000	0.375	0.375	35000		18	0.069					0.956	1.310	5:26	150	801	577	450	0.260	1.282	800	576							Pitting			
2843	Metal Loss	Int	4419.67	4430.9	14.15	12.31	26.46	1210	AGM 4	1127.83	AGM 5	12.81	42.000	0.375	0.375	35000		16	0.060					0.390	0.560	4:54	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2844	Cluster	Int	4419.71	4431.0	14.19	12.27	26.46	1210	AGM 4	1127.86	AGM 5	12.77	42.000	0.375	0.375	35000		38	0.144					1.006	1.530	6:33	150	796	573	450	0.262	1.274	795	572						CLS C				
2845	Metal Loss	Int	4419.72	4431.0	14.19	12.26	26.46	1210	AGM 4	1127.87	AGM 5	12.76	42.000	0.375	0.375	35000		25	0.093					0.725	0.587	7:42	150	801	577	450	0.260	1.282	801	577							Pitting			
2846	Metal Loss	Int	4419.82	4431.1	14.30	12.16	26.46	1210	AGM 4	1127.98	AGM 5	12.66	42.000	0.375	0.375	35000		19	0.072					0.762	0.589	6:14	150	802	577	450	0.260	1.283	801	577							Pitting			
2847	Metal Loss	Int	4419.91	4431.2	14.39	12.07	26.46	1210	AGM 4	1128.07	AGM 5	12.57	42.000	0.375	0.375	35000		19	0.071					0.512	0.541	7:43	150	803	578	450	0.260	1.284	803	578							Pitting			
2848	Metal Loss	Int	4420.15	4431.4	14.63	11.83	26.46	1210	AGM 4	1128.30	AGM 5	12.33	42.000	0.375	0.375	35000		29	0.107					0.360	0.548	6:37	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2849	Metal Loss	Int	4420.70	4432.0	15.18	11.28	26.46	1210	AGM 4	1128.86	AGM 5	11.77	42.000	0.375	0.375	35000		20	0.076					0.829	0.526	5:01	150	801	577	450	0.260	1.282	801	577							Pitting			
2850	Metal Loss	Int	4421.13	4432.4	15.61	10.85	26.46	1210	AGM 4	1129.29	AGM 5	11.34	42.000	0.375	0.375	35000		16	0.061					0.757	0.514	6:37	150	802	578	450	0.260	1.283	802	577							Pitting			
2851	Metal Loss	Int	4421.14	4432.4	15.62	10.84	26.46	1210	AGM 4	1129.29	AGM 5	11.34	42.000	0.375	0.375	35000		17	0.063					0.405	0.559	5:32	150	803	578	450	0.260	1.285	803	578							Pitting			
2852	Metal Loss	Int	4421.39	4432.7	15.86	10.59	26.46	1210	AGM 4	1129.54	AGM 5	11.09	42.000	0.375	0.375	35000		21	0.080					0.683	0.540	4:26	150	802	577	450	0.260	1.283	802	577							Pitting			
2853	Metal Loss	Int	4421.46	4432.7	15.94	10.52	26.46	1210	AGM 4	1129.62	AGM 5	11.02	42.000	0.375	0.375	35000		21	0.077					0.935	0.515	5:32	150	801	576	450	0.260	1.281	800	576							Pitting			
2854	Cluster	Int	4421.73	4433.0	16.21	10.25	26.46	1210	AGM 4	1129.88	AGM 5	10.75	42.000	0.375	0.375	35000		20	0.076					1.124	3.478	4:53	150	800	576	450	0.260	1.279	799	575						CLS C				
2855	Metal Loss	Int	4421.94	4433.2	16.41	10.04	26.46	1210	AGM 4	1130.09	AGM 5	10.54	42.000	0.375	0.375	35000		23	0.087					0.437	0.561	8:16	150	803	578	450	0.260	1.285	803	578							Pitting			
2856	Metal Loss	Int	4422.12	4433.4	16.60	9.86	26.46	1210	AGM 4	1130.27	AGM 5	10.36	42.000	0.375	0.375	35000		15	0.057					0.422	0.557	7:25	150	803	578	450	0.260	1.285	803	578							Pitting			
2857	Metal Loss	Int	4422.37	4433.7	16.85	9.61	26.46	1210	AGM 4	1130.52	AGM 5	10.11	42.000	0.375	0.375	35000		17	0.065					0.708	0.520	6:33	150	802	578	450	0.260	1.284	802	577							Pitting			
2858	Metal Loss	Int	4422.64	4434.0	17.12	9.34	26.46	1210	AGM 4	1130.80	AGM 5	9.84	42.000	0.375	0.375	35000		15	0.057					0.364	0.558	6:30	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2859	Metal Loss	Int	4422.79	4434.1	17.27	9.19	26.46	1210	AGM 4	1130.94	AGM 5	9.69	42.000	0.375	0.375	35000		19	0.070					0.538	0.542	5:03	150	803	578	450	0.260	1.284	803	578							Pitting			
2860	Metal Loss	Int	4423.05	4434.4	17.53	8.93	26.46	1210	AGM 4	1131.21	AGM 5	9.42	42.000	0.375	0.375	35000		19	0.070					0.602	0.533	6:34	150	802	578	450	0.260	1.284	802	577							Pitting			
2861	Metal Loss	Int	4423.42	4434.7	17.90	8.56	26.46	1210	AGM 4	1131.57	AGM 5	9.06	42.000	0.375	0.375	35000		22	0.084					0.592	0.587	4:29	150	802	578	450	0.260	1.284	802	577							Pitting			
2862	Metal Loss	Int	4423.58	4434.9	18.05	8.40	26.46	1210	AGM 4	1131.73	AGM 5	8.90	42.000	0.375	0.375	35000		22	0.084					0.518	0.543	6:04	150	803	578	450	0.260	1.284	802	577							Pitting			
2863	Metal Loss	Int	4423.69	4435.0	18.16	8.29	26.46	1210	AGM 4	1131.84	AGM 5	8.79	42.000	0.375	0.375	35000		17	0.062					0.625	0.574	7:41	150	803	578	450	0.260	1.284	802	577							Pitting			
2864	Metal Loss	Int	4424.05	4435.4	18.53	7.93	26.46	1210	AGM 4	1132.21	AGM 5	8.43	42.000	0.375	0.375	35000		17	0.065					0.759	0.608	5:21	150	802	577	450	0.260	1.283	802	577							Pitting			
2865	Metal Loss	Int	4424.08	4435.4	18.56	7.90	26.46	1210	AGM 4	1132.23	AGM 5	8.40	42.000	0.375	0.375	35000		19	0.070					0.757	0.601	4:33	150	802	577	450	0.260	1.283	802	577							Pitting			
2866	Metal Loss	Int	4424.26	4435.6	18.74	7.72	26.46	1210	AGM 4	1132.42	AGM 5	8.22	42.000	0.375	0.375	35000		27	0.102					0.444	0.563	5:36	150	803	578	450	0.260	1.284	802	577							Pitting			
2867	Metal Loss	Int	4424.56	4435.9	19.03	7.42	26.46	1210	AGM 4	1132.71	AGM 5	7.92	42.000	0.375	0.375	35000		20	0.075					0.584	0.652	4:49	150	802	578	450	0.260	1.284	802	577							Pitting			
2868	Metal Loss	Int	4424.68	4436.0	19.16	7.30	26.46	1210	AGM 4	1132.83	AGM 5	7.80	42.000	0.375	0.375	35000		25	0.092					1.169	0.579	6:42	150	798	575	450	0.261	1.277	797	574							Axial Grooving			
2869	Metal Loss	Int	4424.72	4436.1	19.19	7.26	26.46	1210	AGM 4	1132.87	AGM 5	7.76	42.000	0.375	0.375	35000		27	0.103					0.338	0.550	4:20	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2870	Metal Loss	Int	4425.14	4436.5	19.61	6.84	26.46	1210	AGM 4	1133.29	AGM 5	7.34	42.000	0.375	0.375	35000		29	0.107					0.534	0.562	6:37	150	802	578	450	0.260	1.283	802	577							Pitting			
2871	Metal Loss	Int	4425.14	4436.5	19.61	6.84	26.46	1210	AGM 4	1133.29	AGM 5	7.34	42.000	0.375	0.375	35000		15	0.058					0.385	0.558	4:54	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2872	Metal Loss	Int	4425.65	4437.0	20.13	6.33	26.46	1210	AGM 4	1133.81	AGM 5	6.83	42.000	0.375	0.375	35000		16	0.061					0.707	0.580	5:38	150	802	578	450	0.260	1.284	802	577							Pitting			
2873	Metal Loss	Int	4425.72	4437.1	20.20	6.26	26.46	1210	AGM 4	1133.88	AGM 5	6.75	42.000	0.375	0.375	35000		30	0.112					0.940	0.880	4:26	150	799	575	450	0.261	1.278	798	575							Pitting			
2874	Cluster	Int	4425.85	4437.2	20.33	6.13	26.46	1210	AGM 4	1134.01	AGM 5	6.63	42.000	0.375	0.375	35000		20	0.074					1.601	1.727	6:39	150	796	573	450	0.262	1.274	798	575						CLS C				
2875	Metal Loss	Int	4426.01	4437.4	20.49	5.97	26.46	1210	AGM 4	1134.17	AGM 5	6.46	42.000	0.375	0.375	35000		16	0.060					0.360	0.537	5:29	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2876	Metal Loss	Int	4426.04	4437.4	20.52	5.94	26.46	1210	AGM 4	1134.20	AGM 5	6.43	42.000	0.375	0.375	35000		16	0.062					0.427	0.559	6:38	150	803	578	450	0.260	1.285	803	578							Pitting			
2877	Metal Loss	Int	4426.33	4437.7	20.81	5.65	26.46	1210	AGM 4	1134.49	AGM 5	6.14	42.000	0.375	0.375	35000		16	0.062					0.667	0.790	7:18	150	802	578	450	0.260	1.284	802	577							Pitting			
2878	Metal Loss	Int	4426.57	4438.0	21.05	5.41	26.46	1210	AGM 4	1134.72	AGM 5	5.91	42.000	0.375	0.375	35000		28	0.105					0.809	0.531	4:32	150	800	576	450	0.260	1.281	800	576							Pitting			
2879	Metal Loss	Int	4426.63	4438.0	21.11	5.35	26.46	1210	AGM 4	1134.79	AGM 5	5.84	42.000	0.375	0.375	35000		15	0.057					0.633	0.533	5:38	150	803	578	450	0.260	1.284	802	577							Pitting			
2880	Metal Loss	Int	4426.70	4438.1	21.18	5.28	26.46	1210	AGM 4	1134.85	AGM 5	5.78	42.000	0.375	0.375	35000		19	0.070					0.516	0.552	6:39	150	803	578	450	0.260	1.284	803	578							Pitting			
2881	Cluster	Int	4426.71	4438.1	21.19	5.27	26.46	1210	AGM 4	1134.86	AGM 5	5.77	42.000	0.375	0.375	35000		22	0.083					2.078	0.620	6:12	150	790	569	450	0.264	1.264	797	574						CLS C				
2882	Metal Loss	Int	4426.90	4438.3	21.38	5.08	26.46	1210	AGM 4	1135.06	AGM 5	5.58	42.000	0.375	0.375	35000		23	0.086					0.380	0.547	4:16	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2883	Metal Loss	Int	4426.93	4438.3	21.41	5.05	26.46	1210	AGM 4	1135.09	AGM 5	5.54	42.000	0.375	0.375	35000		19	0.070					1.041	0.665	7:06	150	800	576	450	0.260	1.281	800	576							Pitting			
2884	Cluster	Int	4426.95	4438.4	21.43	5.03	26.46	1210	AGM 4	1135.10	AGM 5	5.53	42.000	0.375	0.375	35000		26	0.099					0.965	3.297	5:38	150	799	576	450	0.260	1.279	799	575						CLS C				
2885	Cluster	Int	4427.11	4438.5	21.58	4.87	26.46	1210	AGM 4	1135.26	AGM 5	5.37	42.000	0.375	0.375	35000		20	0.074					0.693	0.887	6:09	150	802	577	450	0.260	1.283	802	577						CLS C				
2886	Metal Loss	Int	4427.13	4438.5	21.61	4.85	26.46	1210	AGM 4	1135.28	AGM 5	5.35	42.000	0.375	0.375	35000		21	0.077					0.601	0.605	4:31	150	802	578	450	0.260	1.284	802	577							Pitting			
2887	Metal Loss	Int	4427.16	4438.6	21.64	4.82	26.46	1210	AGM 4	1135.32	AGM 5	5.31	42.000	0.375	0.375	35000		20	0.074					0.431	0.562	5:39	150	803	578	450	0.260	1.285	803	578							Pitting			
2888	Metal Loss	Int	4427.46	4438.9	21.94	4.52	26.46	1210	AGM 4	1135.62	AGM 5	5.02	42.000	0.375	0.375	35000		16	0.061					0.486	0.604	4:29	150	803	578	450	0.260	1.285	803	578							Pitting			
2889	Metal Loss	Int	4427.50	4438.9	21.97	4.48	26.46	1210	AGM 4	1135.65	AGM 5	4.98	42.000	0.375	0.375	35000		18	0.068					0.543	0.549	6:54	150	803	578	450	0.260	1.284	803	578							Pitting			
2890	Cluster	Int	4427.54	4439.0	22.01	4.44	26.46	1210	AGM 4	1135.69	AGM 5	4.94	42.000	0.375	0.375	35000		24	0.090					1.664	3.039	5:32	150	793	571	450	0.263	1.269	797	574						CLS C				
2891	Metal Loss	Int	4427.87	4439.3	22.34	4.11	26.46	1210	AGM 4	1136.02	AGM 5	4.61	42.000	0.375	0.375	35000		25	0.093					0.561	0.583	7:32	150	802	578	450	0.260	1.284	802	577							Pitting			
2892	Metal Loss	Int	4427.92	4439.3	22.40	4.06	26.46	1210	AGM 4	1136.07	AGM 5	4.56	42.000	0.375	0.375	35000		21	0.079					0.731	1.198	4:41	150	802	577	450	0.260	1.283	801	577							Pitting			
2893	Cluster	Int	4427.92	4439.3	22.40	4.06	26.46	1210	AGM 4	1136.07	AGM 5	4.56	42.000	0.375	0.375	35000		31	0.118					2.053	2.264	5:35	150	782	563	450	0.266	1.252	791	570						CLS C				
2894	Metal Loss	Int	4427.96	4439.4	22.43	4.02	26.46	1210	AGM 4	1136.11	AGM 5	4.52	42.000	0.375	0.375	35000		17	0.064					0.526	0.575	6:17	150	803	578	450	0.260	1.285	803	578							Pitting			
2895	Metal Loss	Int	4428.15	4439.6	22.62	3.83	26.46	1210	AGM 4	1136.30	AGM 5	4.33	42.000	0.375	0.375	35000		27	0.102					0.525	0.543	5:40	150	802	578	450	0.260	1.284	802	577							Pitting			
2896	Metal Loss	Int	4428.31	4439.7	22.78	3.67	26.46	1210	AGM 4	1136.46	AGM 5	4.17	42.000	0.375	0.375	35000		18	0.069					0.432	0.558	5:40	150	803	578	450	0.260	1.285	803	578							Pitting			
2897	Metal Loss	Int	4428.51	4440.0	22.99	3.47	26.46	1210	AGM 4	1136.67	AGM 5	3.96	42.000	0.375	0.375	35000		15	0.057					0.827	0.712	6:28	150	802	577	450	0.260	1.283	802	577							Pitting			
2898	Metal Loss	Int	4428.53	4440.0	23.00	3.45	26.46	1210	AGM 4	1136.68	AGM 5	3.95	42.000	0.375	0.375	35000		36	0.134					0.751	0.519	4:58	150	800	576	450	0.260	1.280	799	575							Pitting			
2899	Metal Loss	Int	4428.78	4440.2	23.26	3.20	26.46	1210	AGM 4	1136.93	AGM 5	3.70	42.000	0.375	0.375	35000		18	0.068					0.755	0.616	4:57	150	802	577	450	0.260	1.283	802	577							Pitting			
2900	Metal Loss	Int	4428.81	4440.2	23.28	3.17	26.46	1210	AGM 4	1136.96	AGM 5	3.67	42.000	0.375	0.375	35000		26	0.098					0.720	0.636	6:24	150	801	577	450	0.260	1.282	801	577							Pitting			
2901	Metal Loss	Int	4428.95	4440.4	23.43	3.03	26.46	1210	AGM 4	1137.11	AGM 5	3.52	42.000	0.375	0.375	35000		19	0.072					0.713	0.520	5:41	150	802	578	450	0.260	1.283	802	577							Pitting			
2902	Cluster	Int	4429.12	4440.6	23.59	2.86	26.46	1210	AGM 4	1137.27	AGM 5	3.36	42.000	0.375	0.375	35000		19	0.072					0.923	1.980	5:31	150	801	577	450	0.260	1.282	801	577						CLS C				
2903	Cluster	Int	4429.12	4440.6	23.60	2.86	26.46	1210	AGM 4	1137.27	AGM 5	3.36	42.000	0.375	0.375	35000		19	0.073					0.985	3.270	7:40	150	801	576	450	0.260	1.281	800	576						CLS C				
2904	Metal Loss	Int	4429.24	4440.7	23.72	2.74	26.46	1210	AGM 4	1137.40	AGM 5	3.23	42.000	0.375	0.375	35000		20	0.075					0.996	1.324	7:08	150	800	576	450	0.260	1.281	800	576							Pitting			
2905	Metal Loss	Int	4429.34	4440.8	23.82	2.64	26.46	1210	AGM 4	1137.49	AGM 5	3.14	42.000	0.375	0.375	35000		29	0.110					0.564	0.538	4:59	150	802	577	450	0.260	1.283	801	577							Pitting			
2906	Metal Loss	Int	4429.80	4441.3	24.27	2.18	26.46	1210	AGM 4	1137.95	AGM 5	2.68	42.000	0.375	0.375	35000		19	0.073					0.531	0.577	4:19	150	803	578	450	0.260	1.284	802	577							Pitting			
2907	Metal Loss	Int	4429.88	4441.3	24.35	2.10	26.46	1210	AGM 4	1138.03	AGM 5	2.60	42.000	0.375	0.375	35000		18	0.067					0.442	0.558	6:37	150	803	578	450	0.260	1.285	803	578							Pitting			
2908	Cluster	Int	4430.11	4441.6	24.58	1.88	26.46	1210	AGM 4	1138.26	AGM 5	2.37	42.000	0.375	0.375	35000		30	0.113					0.861	1.990	4:40	150	800	576	450	0.260	1.279	799	575						CLS C				
2909	Metal Loss	Int	4430.41	4441.9	24.89	1.57	26.46	1210	AGM 4	1138.57	AGM 5	2.06	42.000	0.375	0.375	35000		16	0.060					0.378	0.558	4:31	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2910	Cluster	Int	4430.45	4441.9	24.92	1.53	26.46	1210	AGM 4	1138.60	AGM 5	2.03	42.000	0.375	0.375	35000		20	0.075					2.102	1.685	5:39	150	791	570	450	0.263	1.266	795	572						CLS C				
2911	Metal Loss	Int	4430.61	4442.1	25.09	1.37	26.46	1210	AGM 4	1138.76	AGM 5	1.87	42.000	0.375	0.375	35000		15	0.056					0.625	0.896	5:18	150	803	578	450	0.260	1.284	802	577							Pitting			
2912	Metal Loss	Int	4430.66	4442.1	25.14	1.32	26.46	1210	AGM 4	1138.81	AGM 5	1.82	42.000	0.375	0.375	35000		17	0.063					0.559	0.712	7:21	150	803	578	450	0.260	1.284	803	578							Pitting			
2913	Metal Loss	Int	4430.83	4442.3	25.31	1.15	26.46	1210	AGM 4	1138.98	AGM 5	1.65	42.000	0.375	0.375	35000		25	0.092					0.682	0.689	4:45	150	802	577	450	0.260	1.283	801	577							Pitting			
2914	Metal Loss	Int	4430.95	4442.4	25.42	1.03	26.46	1210	AGM 4	1139.10	AGM 5	1.53	42.000	0.375	0.375	35000		38	0.143					0.832	0.698	6:38	150	798	575	450	0.261	1.277	797	574							Pitting			

Reported Feature Reference													Pipe Specification					Reported Feature Dimensions									Calculated Values								Classification		XYZ Information							
									Upstream (U/S) Reference		Downstream (D/S) Reference																	Modified B31.G		Design	ERF	RPR	Effective Area				NAD 83		NAVD 88					
Feature Number (sequential order)	Pipeline Feature	INT/ EXT (ID/OD)	Odometer	Station Number	Distance to U/S weld	Distance to D/S weld	Joint Length	Defect Joint Number	Name	Distance from:	Name	Distance to:	Diameter	Nominal Wall Thickness	Measured Wall Thickness	Pipe Grade (SMYS)	Long Seam Orientation	Metal Loss Depth	Metal Loss Depth	Deformation Depth	Deformation Depth	Crack Depth	Crack Depth	Length	Width	Orientation	MOP	Modified B31.G P_{BURST}	Modified B31.G P_{SAFE}	Pressure (72% SMYS)	MOP / P_{SAFE}	P_{BURST} / 100% SMYS	P_{BURST}	P_{SAFE}	Group Number	Group Category	Latitude	Longitude	Elevation	Comments	POF classification	Excavation/ Repair Required	SPLC Notes	Tool Type/ Technology
			(feet)	(feet)	(feet)	(feet)	(feet)			(feet)		(feet)	(inch)	(inch)	(inch)	(psi)		(%)	(inch)	(%)	(inch)	(%)	(inch)	(inch)	(inch)	(O'clock)	(psi)	(psi)	(psi)	(psi)			(psi)	(psi)					(feet)			Target/Yes/AGM		
2915	Metal Loss	Int	4430.98	4442.5	25.46	1.00	26.46	1210	AGM 4	1139.14	AGM 5	1.49	42.000	0.375	0.375	35000		26	0.098					0.703	0.683	7:14	150	801	577	450	0.260	1.282	801	577							Pitting			
2916	Metal Loss	Int	4430.99	4442.5	25.47	0.99	26.46	1210	AGM 4	1139.15	AGM 5	1.49	42.000	0.375	0.375	35000		21	0.078					0.519	0.573	5:07	150	803	578	450	0.260	1.284	802	577							Pitting			
2917	Cluster	Int	4431.00	4442.5	25.48	0.98	26.46	1210	AGM 4	1139.15	AGM 5	1.48	42.000	0.375	0.375	35000		34	0.129					2.255	1.869	5:40	150	775	558	450	0.269	1.241	783	564						CLS C				
2918	Metal Loss	Int	4431.17	4442.7	25.65	0.81	26.46	1210	AGM 4	1139.33	AGM 5	1.31	42.000	0.375	0.375	35000		16	0.059					0.464	0.565	5:12	150	803	578	450	0.260	1.285	803	578							Pitting			
2919	Metal Loss	Int	4431.18	4442.7	25.65	0.80	26.46	1210	AGM 4	1139.33	AGM 5	1.30	42.000	0.375	0.375	35000		16	0.060					0.542	1.132	4:45	150	803	578	450	0.260	1.285	803	578							Circumferential Grooving			
2920	Metal Loss	Int	4431.42	4442.9	25.89	0.56	26.46	1210	AGM 4	1139.57	AGM 5	1.06	42.000	0.375	0.375	35000		28	0.103					0.929	0.543	7:09	150	799	576	450	0.260	1.279	798	575							Pitting			
2921	Cluster	Int	4431.45	4442.9	25.92	0.53	26.46	1210	AGM 4	1139.60	AGM 5	1.03	42.000	0.375	0.375	35000		25	0.092					1.922	4.931	5:19	150	790	569	450	0.264	1.264	794	572						CLS C				
2922	Metal Loss	Int	4431.59	4443.1	26.07	0.39	26.46	1210	AGM 4	1139.75	AGM 5	0.88	42.000	0.375	0.375	35000		20	0.074					0.721	0.735	6:40	150	802	577	450	0.260	1.283	802	577							Pitting			
2923	Metal Loss	Int	4431.62	4443.1	26.10	0.36	26.46	1210	AGM 4	1139.77	AGM 5	0.86	42.000	0.375	0.375	35000		26	0.099					0.326	0.551	4:38	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2924	Metal Loss	Int	4431.91	4443.4	26.39	0.07	26.46	1210	AGM 4	1140.06	AGM 5	0.57	42.000	0.375	0.375	35000		20	0.075					0.363	0.693	7:15	150	803	578	450	0.260	1.285	803	578						Near GWD	Circumferential Slotting			
2925	Girth Weld		4431.98	4443.5	26.46	40.71	40.71	1220	AGM 4	1140.13	AGM 5	0.50	42.000	0.375	0.375	35000											150																	
2926	Metal Loss	Int	4432.00	4443.5	0.02	40.69	40.71	1220	AGM 4	1140.15	AGM 5	0.48	42.000	0.375	0.375	35000		40	0.151					1.138	4.021	6:06	150	793	571	450	0.263	1.269	790	569						On GWD	Circumferential Grooving			
2927	Metal Loss	Int	4432.38	4443.9	0.40	40.31	40.71	1220	AGM 4	1140.54	AGM 5	0.09	42.000	0.375	0.375	35000		18	0.069					0.513	0.544	4:31	150	803	578	450	0.260	1.284	803	578							Pitting			
2928	Above Ground Marker		4432.48	4444.0	0.50	40.22	40.71	1220	AGM 4	1140.63	AGM 6	510.43	42.000	0.375	0.375	35000											150													AGM # 5 Sta 44+44				
2929	Metal Loss	Int	4432.60	4444.1	0.62	40.09	40.71	1220	AGM 5	0.12	AGM 6	510.31	42.000	0.375	0.375	35000		26	0.098					0.515	0.844	5:25	150	802	578	450	0.260	1.284	802	577							Pitting			
2930	Metal Loss	Int	4432.65	4444.2	0.67	40.05	40.71	1220	AGM 5	0.17	AGM 6	510.27	42.000	0.375	0.375	35000		21	0.080					0.571	0.966	6:28	150	802	578	450	0.260	1.284	802	577							Pitting			
2931	Metal Loss	Int	4432.67	4444.2	0.69	40.03	40.71	1220	AGM 5	0.19	AGM 6	510.25	42.000	0.375	0.375	35000		19	0.071					0.823	0.574	4:36	150	802	577	450	0.260	1.282	801	577							Pitting			
2932	Metal Loss	Int	4432.81	4444.3	0.83	39.88	40.71	1220	AGM 5	0.33	AGM 6	510.10	42.000	0.375	0.375	35000		17	0.065					0.428	0.555	4:36	150	803	578	450	0.260	1.285	803	578							Pitting			
2933	Metal Loss	Int	4432.83	4444.3	0.85	39.87	40.71	1220	AGM 5	0.35	AGM 6	510.09	42.000	0.375	0.375	35000		16	0.059					0.581	0.576	6:12	150	803	578	450	0.260	1.284	803	578							Pitting			
2934	Cluster	Int	4432.89	4444.4	0.91	39.80	40.71	1220	AGM 5	0.41	AGM 6	510.02	42.000	0.375	0.375	35000		24	0.089					1.253	2.326	4:49	150	798	574	450	0.261	1.276	800	576						CLS C				
2935	Metal Loss	Int	4432.96	4444.4	0.98	39.73	40.71	1220	AGM 5	0.48	AGM 6	509.95	42.000	0.375	0.375	35000		39	0.147					0.620	0.540	5:45	150	801	576	450	0.260	1.281	800	576							Pitting			
2936	Metal Loss	Int	4433.05	4444.5	1.07	39.65	40.71	1220	AGM 5	0.57	AGM 6	509.87	42.000	0.375	0.375	35000		18	0.067					0.531	0.584	6:39	150	803	578	450	0.260	1.284	803	578							Pitting			
2937	Metal Loss	Int	4433.22	4444.7	1.24	39.47	40.71	1220	AGM 5	0.75	AGM 6	509.69	42.000	0.375	0.375	35000		20	0.076					0.432	0.564	4:21	150	803	578	450	0.260	1.285	803	578							Pitting			
2938	Metal Loss	Int	4433.26	4444.7	1.28	39.43	40.71	1220	AGM 5	0.79	AGM 6	509.65	42.000	0.375	0.375	35000		21	0.079					0.630	0.651	7:14	150	802	578	450	0.260	1.284	802	577							Pitting			
2939	Metal Loss	Int	4433.29	4444.7	1.31	39.40	40.71	1220	AGM 5	0.82	AGM 6	509.62	42.000	0.375	0.375	35000		24	0.090					0.685	0.698	5:29	150	802	577	450	0.260	1.283	801	577							Pitting			
2940	Metal Loss	Int	4433.32	4444.8	1.34	39.38	40.71	1220	AGM 5	0.84	AGM 6	509.60	42.000	0.375	0.375	35000		26	0.096					0.649	0.676	4:44	150	802	577	450	0.260	1.283	801	577							Pitting			
2941	Metal Loss	Int	4433.41	4444.9	1.43	39.28	40.71	1220	AGM 5	0.94	AGM 6	509.50	42.000	0.375	0.375	35000		16	0.060					0.617	0.638	5:10	150	803	578	450	0.260	1.284	802	577							Pitting			
2942	Metal Loss	Int	4433.69	4445.1	1.71	39.00	40.71	1220	AGM 5	1.22	AGM 6	509.22	42.000	0.375	0.375	35000		26	0.097					0.460	0.560	6:23	150	803	578	450	0.260	1.284	802	577							Pitting			
2943	Cluster	Int	4433.70	4445.1	1.72	38.99	40.71	1220	AGM 5	1.23	AGM 6	509.21	42.000	0.375	0.375	35000		25	0.092					3.586	5.036	4:51	150	766	551	450	0.272	1.226	786	566						CLS C				
2944	Metal Loss	Int	4433.73	4445.1	1.75	38.96	40.71	1220	AGM 5	1.25	AGM 6	509.18	42.000	0.375	0.375	35000		16	0.059					0.635	0.667	6:45	150	803	578	450	0.260	1.284	802	577							Pitting			
2945	Cluster	Int	4434.13	4445.5	2.15	38.56	40.71	1220	AGM 5	1.65	AGM 6	508.78	42.000	0.375	0.375	35000		23	0.086					1.925	3.235	4:45	150	791	569	450	0.264	1.265	797	574						CLS C				
2946	Metal Loss	Int	4434.16	4445.5	2.18	38.53	40.71	1220	AGM 5	1.68	AGM 6	508.75	42.000	0.375	0.375	35000		24	0.090					0.589	0.964	7:17	150	802	578	450	0.260	1.283	802	577							Pitting			
2947	Metal Loss	Int	4434.22	4445.6	2.24	38.48	40.71	1220	AGM 5	1.74	AGM 6	508.69	42.000	0.375	0.375	35000		17	0.064					0.565	0.757	5:29	150	803	578	450	0.260	1.284	803	578							Pitting			
2948	Metal Loss	Int	4434.42	4445.8	2.44	38.28	40.71	1220	AGM 5	1.94	AGM 6	508.49	42.000	0.375	0.375	35000		20	0.075					1.107	0.814	5:17	150	800	576	450	0.260	1.280	799	575							Pitting			
2949	Cluster	Int	4434.62	4445.9	2.64	38.08	40.71	1220	AGM 5	2.14	AGM 6	508.30	42.000	0.375	0.375	35000		25	0.095					0.329	3.146	5:11	150	803	578	450	0.260	1.285	803	578						CLS C				
2950	Metal Loss	Int	4434.66	4446.0	2.68	38.03	40.71	1220	AGM 5	2.19	AGM 6	508.25	42.000	0.375	0.375	35000		18	0.068					0.717	1.177	6:33	150	802	578	450	0.260	1.283	802	577							Pitting			
2951	Metal Loss	Int	4434.69	4446.0	2.71	38.00	40.71	1220	AGM 5	2.21	AGM 6	508.22	42.000	0.375	0.375	35000		19	0.069					0.507	0.576	4:39	150	803	578	450	0.260	1.284	803	578							Pitting			
2952	Metal Loss	Int	4434.97	4446.3	2.99	37.73	40.71	1220	AGM 5	2.49	AGM 6	507.95	42.000	0.375	0.375	35000		18	0.067					0.508	0.864	7:23	150	803	578	450	0.260	1.285	803	578							Pitting			
2953	Metal Loss	Int	4434.98	4446.3	3.00	37.71	40.71	1220	AGM 5	2.51	AGM 6	507.93	42.000	0.375	0.375	35000		26	0.099					0.769	0.694	6:03	150	801	577	450	0.260	1.281	800	576							Pitting			
2954	Metal Loss	Int	4435.09	4446.4	3.11	37.61	40.71	1220	AGM 5	2.61	AGM 6	507.82	42.000	0.375	0.375	35000		21	0.077					0.678	0.786	4:45	150	802	577	450	0.260	1.283	802	577							Pitting			
2955	Cluster	Int	4435.10	4446.4	3.12	37.60	40.71	1220	AGM 5	2.62	AGM 6	507.82	42.000	0.375	0.375	35000		24	0.092					1.215	2.638	5:09	150	798	574	450	0.261	1.276	797	574						CLS C				
2956	Metal Loss	Int	4435.25	4446.5	3.27	37.45	40.71	1220	AGM 5	2.77	AGM 6	507.67	42.000	0.375	0.375	35000		18	0.069					0.627	0.653	7:20	150	802	578	450	0.260	1.284	802	577							Pitting			
2957	Cluster	Int	4435.41	4446.7	3.43	37.28	40.71	1220	AGM 5	2.93	AGM 6	507.50	42.000	0.375	0.375	35000		30	0.113					1.462	6.363	4:55	150	793	571	450	0.263	1.268	794	572						CLS C				
2958	Cluster	Int	4435.43	4446.7	3.45	37.26	40.71	1220	AGM 5	2.95	AGM 6	507.48	42.000	0.375	0.375	35000		25	0.093					0.752	1.495	6:52	150	801	577	450	0.260	1.282	801	577						CLS C				
2959	Metal Loss	Int	4435.53	4446.8	3.55	37.16	40.71	1220	AGM 5	3.05	AGM 6	507.38	42.000	0.375	0.375	35000		16	0.060					0.566	0.701	6:22	150	803	578	450	0.260	1.284	803	578							Pitting			
2960	Metal Loss	Int	4435.64	4446.9	3.66	37.06	40.71	1220	AGM 5	3.16	AGM 6	507.28	42.000	0.375	0.375	35000		22	0.084					0.408	0.557	5:18	150	803	578	450	0.260	1.285	803	578							Pitting			
2961	Cluster	Int	4435.85	4447.1	3.87	36.85	40.71	1220	AGM 5	3.37	AGM 6	507.07	42.000	0.375	0.375	35000		31	0.117					0.546	1.793	5:09	150	802	577	450	0.260	1.283	802	577						CLS C				
2962	Metal Loss	Int	4435.85	4447.1	3.87	36.84	40.71	1220	AGM 5	3.37	AGM 6	507.06	42.000	0.375	0.375	35000		15	0.057					0.717	0.721	7:23	150	802	578	450	0.260	1.284	802	577							Pitting			
2963	Cluster	Int	4435.91	4447.1	3.93	36.78	40.71	1220	AGM 5	3.43	AGM 6	507.00	42.000	0.375	0.375	35000		38	0.144					3.580	3.189	6:34	150	737	531	450	0.282	1.179	771	555						CLS C				
2964	Cluster	Int	4436.36	4447.5	4.38	36.33	40.71	1220	AGM 5	3.88	AGM 6	506.55	42.000	0.375	0.375	35000		45	0.168					0.943	3.916	6:42	150	795	572	450	0.262	1.272	793	571						CLS C				
2965	Metal Loss	Int	4436.37	4447.5	4.39	36.32	40.71	1220	AGM 5	3.90	AGM 6	506.54	42.000	0.375	0.375	35000		17	0.063					0.390	0.548	5:19	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2966	Metal Loss	Int	4436.58	4447.7	4.60	36.12	40.71	1220	AGM 5	4.10	AGM 6	506.33	42.000	0.375	0.375	35000		18	0.066					0.623	0.636	7:19	150	802	578	450	0.260	1.284	802	577							Pitting			
2967	Metal Loss	Int	4436.65	4447.8	4.67	36.04	40.71	1220	AGM 5	4.17	AGM 6	506.26	42.000	0.375	0.375	35000		24	0.088					0.537	0.805	5:20	150	802	578	450	0.260	1.284	802	577							Pitting			
2968	Metal Loss	Int	4436.69	4447.8	4.71	36.00	40.71	1220	AGM 5	4.21	AGM 6	506.22	42.000	0.375	0.375	35000		43	0.161					0.682	0.621	6:51	150	799	576	450	0.260	1.279	798	575							Pitting			
2969	Cluster	Int	4436.86	4448.0	4.88	35.83	40.71	1220	AGM 5	4.38	AGM 6	506.05	42.000	0.375	0.375	35000		28	0.104					0.673	2.608	5:13	150	801	577	450	0.260	1.282	801	577						CLS C				
2970	Metal Loss	Int	4436.87	4448.0	4.89	35.82	40.71	1220	AGM 5	4.40	AGM 6	506.04	42.000	0.375	0.375	35000		21	0.078					0.395	0.545	5:38	150	803	578	450	0.260	1.285	803	578							Pitting			
2971	Metal Loss	Int	4437.08	4448.2	5.10	35.62	40.71	1220	AGM 5	4.60	AGM 6	505.84	42.000	0.375	0.375	35000		49	0.185					0.806	0.648	6:46	150	796	573	450	0.262	1.274	794	572							Pitting			
2972	Metal Loss	Int	4437.23	4448.3	5.25	35.46	40.71	1220	AGM 5	4.76	AGM 6	505.68	42.000	0.375	0.375	35000		17	0.065					0.976	1.160	7:15	150	801	577	450	0.260	1.282	800	576							Pitting			
2973	Metal Loss	Int	4437.26	4448.4	5.28	35.43	40.71	1220	AGM 5	4.79	AGM 6	505.65	42.000	0.375	0.375	35000		31	0.117					0.627	0.602	4:52	150	801	577	450	0.260	1.282	801	577							Pitting			
2974	Metal Loss	Int	4437.28	4448.4	5.30	35.42	40.71	1220	AGM 5	4.80	AGM 6	505.64	42.000	0.375	0.375	35000		17	0.065					0.735	0.616	6:29	150	802	578	450	0.260	1.283	802	577							Pitting			
2975	Metal Loss	Int	4437.48	4448.6	5.50	35.21	40.71	1220	AGM 5	5.01	AGM 6	505.43	42.000	0.375	0.375	35000		20	0.075					0.736	1.216	6:43	150	802	577	450	0.260	1.283	801	577							Pitting			
2976	Metal Loss	Int	4437.49	4448.6	5.51	35.21	40.71	1220	AGM 5	5.01	AGM 6	505.42	42.000	0.375	0.375	35000		15	0.058					0.386	0.545	5:28	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
2977	Metal Loss	Int	4437.54	4448.6	5.56	35.16	40.71	1220	AGM 5	5.06	AGM 6	505.38	42.000	0.375	0.375	35000		34	0.127					0.600	0.649	4:56	150	801	577	450	0.260	1.282	801	577							Pitting			
2978	Metal Loss	Int	4437.72	4448.8	5.74	34.97	40.71	1220	AGM 5	5.24	AGM 6	505.19	42.000	0.375	0.375	35000		25	0.094					0.402	0.552	4:36	150	803	578	450	0.260	1.285	803	578							Pitting			
2979	Metal Loss	Int	4437.73	4448.8	5.75	34.96	40.71	1220	AGM 5	5.25	AGM 6	505.18	42.000	0.375	0.375	35000		18	0.067					0.453	0.986	4:55	150	803	578	450	0.260	1.285	803	578							Circumferential Grooving			
2980	Cluster	Int	4437.78	4448.8	5.80	34.91	40.71	1220	AGM 5	5.30	AGM 6	505.13	42.000	0.375	0.375	35000		32	0.120					1.704	0.899	6:44	150	788	567	450	0.265	1.261	794	572						CLS C				
2981	Metal Loss	Int	4437.78	4448.8	5.80	34.91	40.71	1220	AGM 5	5.30	AGM 6	505.13	42.000	0.375	0.375	35000		25	0.095					0.584	0.647	5:35	150	802	578	450	0.260	1.283	802	577							Pitting			
2982	Metal Loss	Int	4437.81	4448.9	5.83	34.88	40.71	1220	AGM 5	5.34	AGM 6	505.10	42.000	0.375	0.375	35000		20	0.075					0.740	0.712	7:21	150	802	577	450	0.260	1.283	801	577							Pitting			
2983	Metal Loss	Int	4437.93	4449.0	5.95	34.76	40.71	1220	AGM 5	5.46	AGM 6	504.98	42.000	0.375	0.375	35000		23	0.086					0.786	1.201	6:04	150	801	577	450	0.260	1.282	801	577							Pitting			
2984	Metal Loss	Int	4437.95	4449.0	5.97	34.75	40.71	1220	AGM 5	5.47	AGM 6	504.97	42.000	0.375	0.375	35000		30	0.113					0.616	0.660	4:47	150	802	577	450	0.260	1.282	801	577							Pitting			
2985	Metal Loss	Int	4438.15	4449.2	6.17	34.55	40.71	1220	AGM 5	5.67	AGM 6	504.76	42.000	0.375	0.375	35000		25	0.095					1.100	1.064	6:47	150	798	575	450	0.261	1.278	797	574							Pitting			
2986	Cluster	Int	4438.26	4449.3	6.28	34.43	40.71	1220	AGM 5	5.79	AGM 6	504.65	42.000	0.375	0.375	35000		34	0.128					2.714	3.336	5:15	150	766	551	450	0.272	1.225	783	564						CLS C				
2987	Metal Loss	Int	4438.47	4449.5	6.49	34.22	40.71	1220	AGM 5	6.00	AGM 6	504.44	42.000	0.375	0.375	35000		18	0.069					0.616	0.649	4:46	150	802	578	450	0.260	1.284	802	577							Pitting			
2988	Cluster	Int	4438.67	4449.6	6.69	34.03	40.71	1220	AGM 5	6.19	AGM 6	504.25	42.000	0.375	0.375	35000		34	0.129					2.487	6.685	5:12	150	770	555	450	0.270	1.232	778	560						CLS C				
2989	Metal Loss	Int	4438.72	4449.7	6.74	33.97	40.71	1220	AGM 5	6.24	AGM 6	504.19	42.000	0.375	0.375	35000		22	0.082					0.720	0.630	7:08	150	802	577	450	0.260	1.283	801	577							Pitting			
2990	Metal Loss	Int	4438.79	4449.8	6.81	33.90	40.71	1220	AGM 5	6.32	AGM 6	504.12	42.000	0.375	0.375	35000		18	0.066					0.750	0.907	5:37	150	802	577	450	0.260	1.283	802	577							Pitting			
2991	Cluster	Int	4438.84	4449.8	6.86	33.85	40.71	1220	AGM 5	6.37	AGM 6	504.07	42.000	0.375	0.375	35000		20	0.075					2.673	4.644	6:52	150	785	565	450	0.265	1.256	787	567						CLS C				
2992	Cluster	Int	4439.01	4449.9	7.03	33.68	40.71	1220	AGM 5	6.53	AGM 6	503.90	42.000	0.375	0.375	35000		31	0.116					1.542	1.765	5:25	150	791	570	450	0.263	1.266	794	572						CLS C				
2993	Metal Loss	Int	4439.06	4450.0	7.08	33.64	40.71	1220	AGM 5	6.58	AGM 6	503.86	42.000	0.375	0.375	35000		21	0.079					0.397	0.553	6:28	150	803	578	450	0.260	1.285	803	578							Pitting			
2994	Metal Loss	Int	4439.12	4450.1	7.14	33.57	40.71	1220	AGM 5	6.65	AGM 6	503.79	42.000	0.375	0.375	35000		26	0.097					0.571	0.613	4:41	150	802	578	450	0.260	1.283	802	577							Pitting			
2995	Metal Loss	Int	4439.21	4450.1	7.23	33.49	40.71	1220	AGM 5	6.73	AGM 6	503.70	42.000	0.375	0.375	35000		16	0.059					0.484	0.574	6:47	150	803	578	450	0.260	1.285	803	578							Pitting			
2996	Metal Loss	Int	4439.25	4450.2	7.27	33.45	40.71	1220	AGM 5	6.77	AGM 6	503.67	42.000	0.375	0.375	35000		23	0.087					0.949	1.145	7:12	150	800	576	450	0.260	1.280	799	575							Pitting			
2997	Metal Loss	Int	4439.27	4450.2	7.29	33.42	40.71	1220	AGM 5	6.79	AGM 6	503.64	42.000	0.375	0.375	35000		18	0.066					0.952	0.780	6:28	150	801	577	450	0.260	1.282	801	577							Pitting			
2998	Cluster	Int	4439.33	4450.2	7.35	33.37	40.71	1220	AGM 5	6.85	AGM 6	503.59	42.000	0.375	0.375	35000		44	0.164					2.102	6.703	5:14	150	768	553	450	0.271	1.229	775	558						CLS C				
2999	Metal Loss	Int	4439.48	4450.4	7.50	33.21	40.71	1220	AGM 5	7.01	AGM 6	503.43	42.000	0.375	0.375	35000		20	0.075					0.443	0.560	4:57	150	803	578	450	0.260	1.285	803	578							Pitting			
3000	Cluster	Int	4439.56	4450.5	7.58	33.13	40.71	1220	AGM 5	7.08	AGM 6	503.35	42.000	0.375	0.375	35000		25	0.094					1.690	4.554	6:43	150	792	571	450	0.263	1.268	795	572						CLS C				
3001	Metal Loss	Int	4439.59	4450.5	7.61	33.11	40.71	1220	AGM 5	7.11	AGM 6	503.33	42.000	0.375	0.375	35000		20	0.073					0.370	0.556	5:26	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3002	Metal Loss	Int	4439.62	4450.5	7.64	33.07	40.71	1220	AGM 5	7.14	AGM 6	503.29	42.000	0.375	0.375	35000		17	0.065					0.550	0.636	4:58	150	803	578	450	0.260	1.284	803	578							Pitting			
3003	Metal Loss	Int	4439.73	4450.6	7.75	32.96	40.71	1220	AGM 5	7.25	AGM 6	503.18	42.000	0.375	0.375	35000		22	0.083					0.731	1.390	5:35	150	802	577	450	0.260	1.283	801	577							Pitting			
3004	Metal Loss	Int	4439.88	4450.7	7.90	32.82	40.71	1220	AGM 5	7.40	AGM 6	503.04	42.000	0.375	0.375	35000		40	0.148					0.818	1.087	6:50	150	798	575	450	0.261	1.277	797	574							Pitting			
3005	Metal Loss	Int	4439.90	4450.8	7.92	32.79	40.71	1220	AGM 5	7.43	AGM 6	503.01	42.000	0.375	0.375	35000		18	0.066					0.583	0.577	6:31	150	803	578	450	0.260	1.284	802	577							Pitting			
3006	Cluster	Int	4439.97	4450.8	7.99	32.72	40.71	1220	AGM 5	7.50	AGM 6	502.94	42.000	0.375	0.375	35000		30	0.114					1.468	6.852	5:16	150	792	571	450	0.263	1.268	791	570						CLS C				
3007	Metal Loss	Int	4440.09	4450.9	8.11	32.60	40.71	1220	AGM 5	7.61	AGM 6	502.82	42.000	0.375	0.375	35000		23	0.085					0.481	0.638	4:48	150	803	578	450	0.260	1.284	802	577							Pitting			
3008	Metal Loss	Int	4440.14	4451.0	8.16	32.56	40.71	1220	AGM 5	7.66	AGM 6	502.77	42.000	0.375	0.375	35000		40	0.149					0.701	0.626	6:35	150	800	576	450	0.260	1.279	798	575							Pitting			
3009	Metal Loss	Int	4440.18	4451.0	8.20	32.52	40.71	1220	AGM 5	7.70	AGM 6	502.74	42.000	0.375	0.375	35000		33	0.124					0.845	0.828	7:08	150	799	575	450	0.261	1.279	798	575							Pitting			
3010	Metal Loss	Int	4440.32	4451.1	8.34	32.37	40.71	1220	AGM 5	7.85	AGM 6	502.59	42.000	0.375	0.375	35000		18	0.068					0.488	0.617	5:34	150	803	578	450	0.260	1.285	803	578							Pitting			
3011	Cluster	Int	4440.33	4451.2	8.35	32.36	40.71	1220	AGM 5	7.85	AGM 6	502.58	42.000	0.375	0.375	35000		56	0.209					1.516	3.199	6:43	150	774	557	450	0.269	1.238	778	560						CLS C				
3012	Cluster	Int	4440.49	4451.3	8.51	32.21	40.71	1220	AGM 5	8.01	AGM 6	502.42	42.000	0.375	0.375	35000		32	0.120					1.316	7.855	5:12	150	794	572	450	0.262	1.270	793	571						CLS C				
3013	Cluster	Int	4440.77	4451.6	8.79	31.92	40.71	1220	AGM 5	8.29	AGM 6	502.14	42.000	0.375	0.375	35000		34	0.128					0.806	2.170	5:32	150	799	576	450	0.260	1.279	798	575						CLS C				
3014	Cluster	Int	4440.87	4451.6	8.89	31.82	40.71	1220	AGM 5	8.39	AGM 6	502.04	42.000	0.375	0.375	35000		48	0.180					0.792	1.947	7:00	150	797	574	450	0.261	1.275	795	572						CLS C				
3015	Metal Loss	Int	4440.93	4451.7	8.95	31.76	40.71	1220	AGM 5	8.45	AGM 6	501.98	42.000	0.375	0.375	35000		17	0.064					0.417	0.555	4:57	150	803	578	450	0.260	1.285	803	578							Pitting			
3016	Cluster	Int	4440.97	4451.7	8.99	31.72	40.71	1220	AGM 5	8.50	AGM 6	501.94	42.000	0.375	0.375	35000		26	0.096					1.358	1.189	5:22	150	796	573	450	0.262	1.273	798	575						CLS C				
3017	Metal Loss	Int	4441.12	4451.9	9.14	31.57	40.71	1220	AGM 5	8.64	AGM 6	501.79	42.000	0.375	0.375	35000		17	0.063					0.497	0.573	6:28	150	803	578	450	0.260	1.285	803	578							Pitting			
3018	Metal Loss	Int	4441.29	4452.0	9.31	31.40	40.71	1220	AGM 5	8.81	AGM 6	501.62	42.000	0.375	0.375	35000		19	0.071					0.647	0.618	6:32	150	802	578	450	0.260	1.284	802	577							Pitting			
3019	Metal Loss	Int	4441.37	4452.1	9.39	31.33	40.71	1220	AGM 5	8.89	AGM 6	501.54	42.000	0.375	0.375	35000		29	0.110					0.711	0.672	4:57	150	801	577	450	0.260	1.281	800	576							Pitting			
3020	Cluster	Int	4441.37	4452.1	9.39	31.32	40.71	1220	AGM 5	8.90	AGM 6	501.54	42.000	0.375	0.375	35000		26	0.097					2.115	0.697	7:04	150	786	566	450	0.265	1.258	795	572						CLS C				
3021	Metal Loss	Int	4441.43	4452.2	9.45	31.26	40.71	1220	AGM 5	8.96	AGM 6	501.48	42.000	0.375	0.375	35000		30	0.113					0.785	0.789	5:13	150	800	576	450	0.260	1.280	799	575							Pitting			
3022	Metal Loss	Int	4441.69	4452.4	9.71	31.00	40.71	1220	AGM 5	9.22	AGM 6	501.22	42.000	0.375	0.375	35000		21	0.080					0.713	0.741	6:36	150	802	577	450	0.260	1.283	801	577							Pitting			
3023	Metal Loss	Int	4441.69	4452.4	9.71	31.00	40.71	1220	AGM 5	9.22	AGM 6	501.22	42.000	0.375	0.375	35000		41	0.155					0.813	0.805	5:29	150	798	575	450	0.261	1.277	796	573							Pitting			
3024	Metal Loss	Int	4441.81	4452.5	9.83	30.89	40.71	1220	AGM 5	9.33	AGM 6	501.11	42.000	0.375	0.375	35000		22	0.081					0.463	0.565	4:57	150	803	578	450	0.260	1.284	803	578							Pitting			
3025	Metal Loss	Int	4441.88	4452.6	9.89	30.82	40.71	1220	AGM 5	9.40	AGM 6	501.04	42.000	0.375	0.375	35000		20	0.074					0.431	0.643	5:29	150	803	578	450	0.260	1.285	803	578							Pitting			
3026	Metal Loss	Int	4441.94	4452.6	9.96	30.75	40.71	1220	AGM 5	9.47	AGM 6	500.97	42.000	0.375	0.375	35000		21	0.081					0.553	0.569	7:13	150	802	578	450	0.260	1.284	802	577							Pitting			
3027	Metal Loss	Int	4442.08	4452.7	10.10	30.61	40.71	1220	AGM 5	9.60	AGM 6	500.83	42.000	0.375	0.375	35000		28	0.107					0.622	0.607	6:58	150	802	577	450	0.260	1.283	801	577							Pitting			
3028	Cluster	Int	4442.22	4452.9	10.24	30.48	40.71	1220	AGM 5	9.74	AGM 6	500.69	42.000	0.375	0.375	35000		25	0.095					0.956	2.810	5:04	150	800	576	450	0.260	1.279	799	575						CLS C				
3029	Metal Loss	Int	4442.28	4452.9	10.30	30.41	40.71	1220	AGM 5	9.81	AGM 6	500.63	42.000	0.375	0.375	35000		18	0.069					0.537	0.615	7:06	150	803	578	450	0.260	1.284	803	578							Pitting			
3030	Metal Loss	Int	4442.29	4452.9	10.31	30.40	40.71	1220	AGM 5	9.81	AGM 6	500.62	42.000	0.375	0.375	35000		38	0.143					1.103	1.196	5:55	150	795	572	450	0.262	1.271	792	570							Pitting			
3031	Cluster	Int	4442.52	4453.1	10.54	30.18	40.71	1220	AGM 5	10.04	AGM 6	500.39	42.000	0.375	0.375	35000		39	0.145					2.142	1.937	5:33	150	773	557	450	0.269	1.237	789	568						CLS C				
3032	Metal Loss	Int	4442.53	4453.2	10.55	30.16	40.71	1220	AGM 5	10.06	AGM 6	500.38	42.000	0.375	0.375	35000		49	0.183					1.491	2.567	6:00	150	781	562	450	0.267	1.249	773	557							General Metal-loss			
3033	Metal Loss	Int	4442.68	4453.3	10.70	30.02	40.71	1220	AGM 5	10.20	AGM 6	500.24	42.000	0.375	0.375	35000		19	0.069					0.735	0.742	7:14	150	802	577	450	0.260	1.283	802	577							Pitting			
3034	Metal Loss	Int	4442.94	4453.5	10.96	29.75	40.71	1220	AGM 5	10.46	AGM 6	499.97	42.000	0.375	0.375	35000		18	0.069					0.753	0.666	5:11	150	802	577	450	0.260	1.283	802	577							Pitting			
3035	Cluster	Int	4443.05	4453.6	11.07	29.65	40.71	1220	AGM 5	10.57	AGM 6	499.86	42.000	0.375	0.375	35000		23	0.087					0.988	1.893	7:10	150	800	576	450	0.260	1.280	799	575						CLS C				
3036	Cluster	Int	4443.07	4453.7	11.09	29.62	40.71	1220	AGM 5	10.59	AGM 6	499.84	42.000	0.375	0.375	35000		20	0.074					1.597	3.773	6:42	150	796	573	450	0.262	1.274	796	573						CLS C				
3037	Metal Loss	Int	4443.15	4453.7	11.17	29.55	40.71	1220	AGM 5	10.67	AGM 6	499.76	42.000	0.375	0.375	35000		17	0.064					0.315	0.539	5:12	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3038	Cluster	Int	4443.25	4453.8	11.27	29.44	40.71	1220	AGM 5	10.78	AGM 6	499.66	42.000	0.375	0.375	35000		25	0.095					1.184	2.258	5:42	150	798	574	450	0.261	1.276	800	576						CLS C				
3039	Metal Loss	Int	4443.41	4454.0	11.43	29.28	40.71	1220	AGM 5	10.93	AGM 6	499.50	42.000	0.375	0.375	35000		15	0.057					0.752	0.662	6:44	150	802	578	450	0.260	1.284	802	577							Pitting			
3040	Metal Loss	Int	4443.59	4454.1	11.61	29.10	40.71	1220	AGM 5	11.12	AGM 6	499.32	42.000	0.375	0.375	35000		18	0.067					0.578	0.609	5:34	150	803	578	450	0.260	1.284	802	577							Pitting			
3041	Metal Loss	Int	4443.68	4454.2	11.70	29.01	40.71	1220	AGM 5	11.21	AGM 6	499.23	42.000	0.375	0.375	35000		33	0.125					1.009	0.802	6:45	150	797	574	450	0.261	1.276	796	573							Pitting			
3042	Metal Loss	Int	4443.84	4454.4	11.86	28.85	40.71	1220	AGM 5	11.36	AGM 6	499.07	42.000	0.375	0.375	35000		41	0.155					0.945	1.062	4:31	150	796	573	450	0.262	1.274	794	572							Pitting			
3043	Cluster	Int	4443.88	4454.4	11.90	28.82	40.71	1220	AGM 5	11.40	AGM 6	499.03	42.000	0.375	0.375	35000		36	0.135					2.737	5.291	5:18	150	762	549	450	0.273	1.220	776	559						CLS C				
3044	Cluster	Int	4444.25	4454.7	12.27	28.44	40.71	1220	AGM 5	11.77	AGM 6	498.66	42.000	0.375	0.375	35000		42	0.158					1.028	4.369	6:54	150	794	572	450	0.262	1.271	792	570						CLS C				
3045	Metal Loss	Int	4444.25	4454.7	12.27	28.44	40.71	1220	AGM 5	11.78	AGM 6	498.66	42.000	0.375	0.375	35000		22	0.083					0.836	1.002	5:08	150	801	577	450	0.260	1.282	800	576							Pitting			
3046	Metal Loss	Int	4444.32	4454.8	12.34	28.37	40.71	1220	AGM 5	11.84	AGM 6	498.59	42.000	0.375	0.375	35000		15	0.057					0.743	0.766	5:36	150	802	578	450	0.260	1.284	802	577							Pitting			
3047	Cluster	Int	4444.56	4455.0	12.58	28.13	40.71	1220	AGM 5	12.09	AGM 6	498.35	42.000	0.375	0.375	35000		57	0.215					2.262	3.606	7:00	150	741	534	450	0.281	1.186	770	554						CLS C				
3048	Cluster	Int	4444.56	4455.0	12.58	28.13	40.71	1220	AGM 5	12.09	AGM 6	498.35	42.000	0.375	0.375	35000		22	0.083					1.434	2.069	6:30	150	796	573	450	0.262	1.274	796	573						CLS C				
3049	Metal Loss	Int	4444.58	4455.0	12.60	28.11	40.71	1220	AGM 5	12.10	AGM 6	498.33	42.000	0.375	0.375	35000		18	0.068					0.654	0.693	5:08	150	802	578	450	0.260	1.284	802	577							Pitting			
3050	Metal Loss	Int	4444.69	4455.1	12.71	28.00	40.71	1220	AGM 5	12.22	AGM 6	498.22	42.000	0.375	0.375	35000		23	0.086					0.395	0.558	5:35	150	803	578	450	0.260	1.285	803	578							Pitting			
3051	Metal Loss	Int	4444.77	4455.2	12.79	27.92	40.71	1220	AGM 5	12.30	AGM 6	498.14	42.000	0.375	0.375	35000		28	0.106					0.689	0.634	5:15	150	801	577	450	0.260	1.282	801	577							Pitting			
3052	Metal Loss	Int	4444.82	4455.2	12.84	27.88	40.71	1220	AGM 5	12.34	AGM 6	498.10	42.000	0.375	0.375	35000		30	0.111					0.631	0.585	6:37	150	801	577	450	0.260	1.282	801	577							Pitting			
3053	Cluster	Int	4445.01	4455.4	13.03	27.69	40.71	1220	AGM 5	12.53	AGM 6	497.90	42.000	0.375	0.375	35000		49	0.184					2.746	2.710	5:15	150	738	532	450	0.282	1.182	773	557						CLS C				
3054	Metal Loss	Int	4445.09	4455.5	13.11	27.60	40.71	1220	AGM 5	12.61	AGM 6	497.82	42.000	0.375	0.375	35000		19	0.072					0.693	0.879	6:45	150	802	578	450	0.260	1.283	802	577							Pitting			
3055	Cluster	Int	4445.37	4455.7	13.39	27.32	40.71	1220	AGM 5	12.90	AGM 6	497.54	42.000	0.375	0.375	35000		32	0.122					2.422	3.992	6:59	150	774	557	450	0.269	1.239	777	559						CLS C				
3056	Metal Loss	Int	4445.62	4456.0	13.64	27.08	40.71	1220	AGM 5	13.14	AGM 6	497.30	42.000	0.375	0.375	35000		32	0.120					0.849	0.667	5:14	150	799	576	450	0.260	1.279	798	575							Pitting			
3057	Metal Loss	Int	4445.83	4456.2	13.85	26.86	40.71	1220	AGM 5	13.35	AGM 6	497.08	42.000	0.375	0.375	35000		39	0.145					0.872	1.184	7:02	150	798	574	450	0.261	1.276	796	573							Pitting			
3058	Metal Loss	Int	4445.89	4456.2	13.91	26.80	40.71	1220	AGM 5	13.41	AGM 6	497.02	42.000	0.375	0.375	35000		18	0.068					0.703	0.671	7:36	150	802	578	450	0.260	1.283	802	577							Pitting			
3059	Metal Loss	Int	4445.94	4456.3	13.96	26.75	40.71	1220	AGM 5	13.46	AGM 6	496.97	42.000	0.375	0.375	35000		34	0.126					1.100	1.265	5:47	150	796	573	450	0.262	1.274	794	572							Pitting			
3060	Metal Loss	Int	4446.06	4456.4	14.08	26.63	40.71	1220	AGM 5	13.59	AGM 6	496.85	42.000	0.375	0.375	35000		24	0.089					0.902	0.919	7:09	150	800	576	450	0.260	1.281	800	576							Pitting			
3061	Metal Loss	Int	4446.19	4456.5	14.21	26.50	40.71	1220	AGM 5	13.71	AGM 6	496.72	42.000	0.375	0.375	35000		31	0.115					0.838	0.923	6:51	150	800	576	450	0.260	1.280	799	575							Pitting			
3062	Metal Loss	Int	4446.53	4456.8	14.55	26.17	40.71	1220	AGM 5	14.05	AGM 6	496.39	42.000	0.375	0.375	35000		25	0.092					0.571	0.765	4:28	150	802	578	450	0.260	1.284	802	577							Pitting			
3063	Metal Loss	Int	4446.68	4456.9	14.70	26.02	40.71	1220	AGM 5	14.20	AGM 6	496.23	42.000	0.375	0.375	35000		18	0.068					0.887	0.846	6:55	150	801	577	450	0.260	1.282	801	577							Pitting			
3064	Metal Loss	Int	4446.86	4457.1	14.88	25.83	40.71	1220	AGM 5	14.39	AGM 6	496.05	42.000	0.375	0.375	35000		17	0.063					0.668	0.678	6:55	150	802	578	450	0.260	1.284	802	577							Pitting			
3065	Cluster	Int	4446.87	4457.1	14.89	25.83	40.71	1220	AGM 5	14.39	AGM 6	496.05	42.000	0.375	0.375	35000		21	0.080					1.673	2.502	5:15	150	795	572	450	0.262	1.271	797	574						CLS C				
3066	Metal Loss	Int	4447.01	4457.2	15.03	25.68	40.71	1220	AGM 5	14.54	AGM 6	495.90	42.000	0.375	0.375	35000		24	0.089					0.930	0.889	6:42	150	800	576	450	0.260	1.280	799	575							Pitting			
3067	Metal Loss	Int	4447.50	4457.7	15.52	25.20	40.71	1220	AGM 5	15.02	AGM 6	495.42	42.000	0.375	0.375	35000		19	0.071					0.554	0.679	5:20	150	803	578	450	0.260	1.284	802	577							Pitting			
3068	Metal Loss	Int	4447.65	4457.8	15.67	25.04	40.71	1220	AGM 5	15.18	AGM 6	495.26	42.000	0.375	0.375	35000		29	0.110					0.743	0.913	7:04	150	801	576	450	0.260	1.281	800	576							Pitting			
3069	Cluster	Int	4447.86	4458.0	15.88	24.84	40.71	1220	AGM 5	15.38	AGM 6	495.06	42.000	0.375	0.375	35000		20	0.077					1.179	4.442	6:52	150	799	575	450	0.261	1.279	798	575						CLS C				
3070	Metal Loss	Int	4448.05	4458.2	16.07	24.65	40.71	1220	AGM 5	15.57	AGM 6	494.87	42.000	0.375	0.375	35000		22	0.083					0.939	1.163	5:20	150	800	576	450	0.260	1.281	800	576							Pitting			
3071	Cluster	Int	4448.20	4458.3	16.22	24.49	40.71	1220	AGM 5	15.72	AGM 6	494.71	42.000	0.375	0.375	35000		35	0.132					1.287	2.103	7:00	150	793	571	450	0.263	1.269	790	569						CLS C				
3072	Metal Loss	Int	4448.27	4458.4	16.29	24.43	40.71	1220	AGM 5	15.79	AGM 6	494.64	42.000	0.375	0.375	35000		18	0.069					0.384	0.545	4:58	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3073	Metal Loss	Int	4448.32	4458.4	16.34	24.37	40.71	1220	AGM 5	15.85	AGM 6	494.59	42.000	0.375	0.375	35000		27	0.101					0.596	0.645	5:19	150	802	577	450	0.260	1.283	802	577							Pitting			
3074	Cluster	Int	4448.47	4458.6	16.49	24.22	40.71	1220	AGM 5	15.99	AGM 6	494.44	42.000	0.375	0.375	35000		32	0.119					1.274	3.774	7:00	150	795	572	450	0.262	1.271	793	571						CLS C				
3075	Metal Loss	Int	4448.74	4458.8	16.76	23.95	40.71	1220	AGM 5	16.26	AGM 6	494.17	42.000	0.375	0.375	35000		39	0.146					0.970	0.737	7:03	150	796	573	450	0.262	1.274	794	572							Pitting			
3076	Cluster	Int	4448.74	4458.8	16.76	23.95	40.71	1220	AGM 5	16.27	AGM 6	494.17	42.000	0.375	0.375	35000		23	0.085					0.731	3.386	5:28	150	802	577	450	0.260	1.283	801	577						CLS C				
3077	Metal Loss	Int	4448.92	4459.0	16.94	23.77	40.71	1220	AGM 5	16.45	AGM 6	493.99	42.000	0.375	0.375	35000		28	0.103					0.974	0.673	6:52	150	799	575	450	0.261	1.279	798	575							Pitting			
3078	Cluster	Int	4449.26	4459.3	17.28	23.44	40.71	1220	AGM 5	16.78	AGM 6	493.66	42.000	0.375	0.375	35000		29	0.107					2.175	2.314	6:52	150	783	564	450	0.266	1.252	784	564						CLS C				
3079	Cluster	Int	4449.55	4459.6	17.57	23.14	40.71	1220	AGM 5	17.07	AGM 6	493.36	42.000	0.375	0.375	35000		48	0.181					2.249	2.538	6:57	150	757	545	450	0.275	1.212	749	539						CLS C				
3080	Metal Loss	Int	4449.85	4459.8	17.87	22.84	40.71	1220	AGM 5	17.38	AGM 6	493.06	42.000	0.375	0.375	35000		15	0.057					0.797	0.800	6:43	150	802	578	450	0.260	1.283	802	577							Pitting			
3081	Metal Loss	Int	4450.04	4460.0	18.06	22.65	40.71	1220	AGM 5	17.57	AGM 6	492.87	42.000	0.375	0.375	35000		41	0.154					0.929	1.105	5:55	150	796	573	450	0.262	1.274	794	572							Pitting			
3082	Metal Loss	Int	4450.18	4460.1	18.20	22.51	40.71	1220	AGM 5	17.71	AGM 6	492.73	42.000	0.375	0.375	35000		17	0.063					0.569	0.743	4:40	150	803	578	450	0.260	1.284	803	578							Pitting			
3083	Metal Loss	Int	4450.28	4460.2	18.30	22.41	40.71	1220	AGM 5	17.80	AGM 6	492.63	42.000	0.375	0.375	35000		32	0.121					0.821	0.932	5:20	150	800	576	450	0.260	1.279	799	575							Pitting			
3084	Metal Loss	Int	4450.45	4460.4	18.47	22.24	40.71	1220	AGM 5	17.97	AGM 6	492.46	42.000	0.375	0.375	35000		19	0.072					0.553	0.713	6:46	150	803	578	450	0.260	1.284	802	577							Pitting			
3085	Cluster	Int	4450.65	4460.6	18.67	22.05	40.71	1220	AGM 5	18.17	AGM 6	492.26	42.000	0.375	0.375	35000		47	0.177					2.180	1.804	5:23	150	761	548	450	0.274	1.218	785	565						CLS C				
3086	Metal Loss	Int	4450.79	4460.7	18.81	21.90	40.71	1220	AGM 5	18.31	AGM 6	492.12	42.000	0.375	0.375	35000		41	0.154					0.882	0.750	6:47	150	797	574	450	0.261	1.275	795	572							Pitting			
3087	Metal Loss	Int	4450.88	4460.8	18.90	21.81	40.71	1220	AGM 5	18.40	AGM 6	492.03	42.000	0.375	0.375	35000		18	0.069					0.512	0.602	5:21	150	803	578	450	0.260	1.284	803	578							Pitting			
3088	Cluster	Int	4451.12	4461.0	19.14	21.57	40.71	1220	AGM 5	18.64	AGM 6	491.79	42.000	0.375	0.375	35000		30	0.113					0.943	3.415	5:20	150	799	575	450	0.261	1.278	798	575						CLS C				
3089	Metal Loss	Int	4451.16	4461.0	19.18	21.53	40.71	1220	AGM 5	18.69	AGM 6	491.75	42.000	0.375	0.375	35000		44	0.164					1.104	0.891	6:48	150	793	571	450	0.263	1.268	789	568							Pitting			
3090	Metal Loss	Int	4451.47	4461.3	19.49	21.22	40.71	1220	AGM 5	18.99	AGM 6	491.44	42.000	0.375	0.375	35000		19	0.070					0.568	0.863	5:25	150	803	578	450	0.260	1.284	802	577							Pitting			
3091	Metal Loss	Int	4451.61	4461.4	19.63	21.08	40.71	1220	AGM 5	19.13	AGM 6	491.30	42.000	0.375	0.375	35000		31	0.117					1.119	1.334	6:47	150	797	574	450	0.261	1.275	795	572							Pitting			
3092	Metal Loss	Int	4451.71	4461.5	19.73	20.98	40.71	1220	AGM 5	19.23	AGM 6	491.20	42.000	0.375	0.375	35000		43	0.160					1.318	1.249	6:15	150	789	568	450	0.264	1.262	784	564							General Metal-loss			
3093	Cluster	Int	4452.08	4461.9	20.10	20.62	40.71	1220	AGM 5	19.60	AGM 6	490.83	42.000	0.375	0.375	35000		50	0.187					0.780	1.595	5:33	150	797	574	450	0.261	1.275	794	572						CLS C				
3094	Cluster	Int	4452.26	4462.0	20.28	20.44	40.71	1220	AGM 5	19.78	AGM 6	490.66	42.000	0.375	0.375	35000		25	0.095					1.404	0.626	5:13	150	795	573	450	0.262	1.273	799	575						CLS C				
3095	Metal Loss	Int	4452.30	4462.1	20.32	20.39	40.71	1220	AGM 5	19.83	AGM 6	490.61	42.000	0.375	0.375	35000		53	0.197					0.811	0.781	5:37	150	795	573	450	0.262	1.272	792	570							Pitting			
3096	Metal Loss	Int	4452.32	4462.1	20.34	20.37	40.71	1220	AGM 5	19.84	AGM 6	490.59	42.000	0.375	0.375	35000		33	0.124					1.149	1.396	6:47	150	796	573	450	0.262	1.273	794	572							Pitting			
3097	Cluster	Int	4452.53	4462.3	20.55	20.16	40.71	1220	AGM 5	20.05	AGM 6	490.38	42.000	0.375	0.375	35000		47	0.178					1.588	2.942	5:30	150	779	561	450	0.267	1.246	776	559						CLS C				

Reported Feature Reference													Pipe Specification					Reported Feature Dimensions									Calculated Values								Classification		XYZ Information							
									Upstream (U/S) Reference		Downstream (D/S) Reference																	Modified B31.G			ERF	RPR	Effective Area				NAD 83		NAVD 88					
Feature Number (sequential order)	Pipeline Feature	INT/ EXT (ID/OD)	Odometer	Station Number	Distance to U/S weld	Distance to D/S weld	Joint Length	Defect Joint Number	Name	Distance from:	Name	Distance to:	Diameter	Nominal Wall Thickness	Measured Wall Thickness	Pipe Grade (SMYS)	Long Seam Orientation	Metal Loss Depth	Metal Loss Depth	Deformation Depth	Deformation Depth	Crack Depth	Crack Depth	Length	Width	Orientation	MOP	Modified B31.G P_{BURST}	Modified B31.G P_{SAFE}	Design Pressure (72% SMYS)	MOP / P_{SAFE}	P_{BURST} / 100% SMYS	P_{BURST}	P_{SAFE}	Group Number	Group Category	Latitude	Longitude	Elevation	Comments	POF classification	Excavation/ Repair Required	SPLC Notes	Tool Type/ Technology
			(feet)	(feet)	(feet)	(feet)	(feet)			(feet)		(feet)	(inch)	(inch)	(inch)	(psi)		(%)	(inch)	(%)	(inch)	(%)	(inch)	(inch)	(inch)	(O'clock)	(psi)	(psi)	(psi)	(psi)			(psi)	(psi)					(feet)			Target/Yes/AGM		
3098	Metal Loss	Int	4453.09	4462.8	21.11	19.61	40.71	1220	AGM 5	20.61	AGM 6	489.83	42.000	0.375	0.375	35000		27	0.100					0.981	0.747	6:50	150	799	575	450	0.261	1.279	798	575							Pitting			
3099	Metal Loss	Int	4453.16	4462.8	21.18	19.53	40.71	1220	AGM 5	20.68	AGM 6	489.75	42.000	0.375	0.375	35000		18	0.068					0.499	0.603	5:24	150	803	578	450	0.260	1.285	803	578							Pitting			
3100	Cluster	Int	4453.57	4463.2	21.59	19.13	40.71	1220	AGM 5	21.09	AGM 6	489.35	42.000	0.375	0.375	35000		33	0.123					2.760	4.238	6:48	150	767	552	450	0.272	1.227	781	562						CLS C				
3101	Metal Loss	Int	4453.79	4463.4	21.81	18.90	40.71	1220	AGM 5	21.32	AGM 6	489.12	42.000	0.375	0.375	35000		38	0.143					0.688	1.175	5:34	150	800	576	450	0.260	1.280	799	575							Pitting			
3102	Metal Loss	Int	4453.80	4463.4	21.82	18.90	40.71	1220	AGM 5	21.32	AGM 6	489.12	42.000	0.375	0.375	35000		15	0.057					0.773	1.072	5:54	150	802	578	450	0.260	1.283	802	577							Pitting			
3103	Metal Loss	Int	4453.93	4463.5	21.95	18.77	40.71	1220	AGM 5	21.45	AGM 6	488.98	42.000	0.375	0.375	35000		55	0.207					1.055	0.684	6:53	150	789	568	450	0.264	1.262	783	564							Pitting			
3104	Metal Loss	Int	4454.10	4463.7	22.12	18.59	40.71	1220	AGM 5	21.62	AGM 6	488.81	42.000	0.375	0.375	35000		21	0.080					0.513	0.639	5:26	150	803	578	450	0.260	1.284	802	577							Pitting			
3105	Metal Loss	Int	4454.12	4463.7	22.14	18.58	40.71	1220	AGM 5	21.64	AGM 6	488.80	42.000	0.375	0.375	35000		38	0.142					0.998	1.255	6:46	150	796	573	450	0.262	1.274	794	572							Pitting			
3106	Cluster	Int	4454.37	4463.9	22.39	18.32	40.71	1220	AGM 5	21.90	AGM 6	488.54	42.000	0.375	0.375	35000		27	0.102					1.895	2.008	6:48	150	788	568	450	0.264	1.261	791	570						CLS C				
3107	Metal Loss	Int	4454.72	4464.3	22.74	17.98	40.71	1220	AGM 5	22.24	AGM 6	488.19	42.000	0.375	0.375	35000		22	0.084					1.013	1.467	6:44	150	800	576	450	0.260	1.280	799	575							Pitting			
3108	Metal Loss	Int	4455.04	4464.6	23.06	17.65	40.71	1220	AGM 5	22.57	AGM 6	487.87	42.000	0.375	0.375	35000		38	0.142					0.806	0.940	5:25	150	799	575	450	0.261	1.278	797	574							Pitting			
3109	Metal Loss	Int	4455.32	4464.8	23.34	17.37	40.71	1220	AGM 5	22.84	AGM 6	487.59	42.000	0.375	0.375	35000		63	0.236					1.287	1.226	6:06	150	775	558	450	0.269	1.241	763	549							General Metal-loss			
3110	Metal Loss	Int	4455.45	4464.9	23.47	17.24	40.71	1220	AGM 5	22.97	AGM 6	487.46	42.000	0.375	0.375	35000		26	0.096					0.775	1.018	5:25	150	801	577	450	0.260	1.282	800	576							Pitting			
3111	Metal Loss	Int	4456.16	4465.6	24.18	16.53	40.71	1220	AGM 5	23.69	AGM 6	486.75	42.000	0.375	0.375	35000		26	0.099					0.673	1.128	5:26	150	802	577	450	0.260	1.282	801	577							Pitting			
3112	Metal Loss	Int	4456.41	4465.8	24.43	16.28	40.71	1220	AGM 5	23.93	AGM 6	486.50	42.000	0.375	0.375	35000		20	0.073					0.831	1.157	5:25	150	801	577	450	0.260	1.282	801	577							Pitting			
3113	Metal Loss	Int	4456.78	4466.1	24.80	15.91	40.71	1220	AGM 5	24.30	AGM 6	486.13	42.000	0.375	0.375	35000		37	0.139					0.755	1.080	5:31	150	799	576	450	0.260	1.279	798	575							Pitting			
3114	Metal Loss	Int	4456.81	4466.2	24.83	15.89	40.71	1220	AGM 5	24.33	AGM 6	486.10	42.000	0.375	0.375	35000		23	0.088					0.459	0.641	6:51	150	803	578	450	0.260	1.284	803	578							Pitting			
3115	Metal Loss	Int	4456.96	4466.3	24.98	15.74	40.71	1220	AGM 5	24.48	AGM 6	485.95	42.000	0.375	0.375	35000		28	0.107					0.990	1.672	6:03	150	799	575	450	0.261	1.278	798	575							Pitting			
3116	Metal Loss	Int	4456.97	4466.3	24.99	15.72	40.71	1220	AGM 5	24.49	AGM 6	485.94	42.000	0.375	0.375	35000		20	0.075					1.147	1.033	5:26	150	799	576	450	0.260	1.279	799	575							Pitting			
3117	Metal Loss	Int	4457.12	4466.4	25.14	15.57	40.71	1220	AGM 5	24.64	AGM 6	485.79	42.000	0.375	0.375	35000		25	0.092					1.006	1.147	6:48	150	799	576	450	0.260	1.279	798	575							Pitting			
3118	Metal Loss	Int	4457.17	4466.5	25.19	15.52	40.71	1220	AGM 5	24.69	AGM 6	485.74	42.000	0.375	0.375	35000		20	0.075					0.812	0.741	5:33	150	801	577	450	0.260	1.282	801	577							Pitting			
3119	Metal Loss	Int	4457.36	4466.7	25.38	15.34	40.71	1220	AGM 5	24.88	AGM 6	485.55	42.000	0.375	0.375	35000		23	0.088					0.697	1.205	5:23	150	802	577	450	0.260	1.283	801	577							Pitting			
3120	Metal Loss	Int	4457.49	4466.8	25.51	15.21	40.71	1220	AGM 5	25.01	AGM 6	485.42	42.000	0.375	0.375	35000		30	0.114					1.012	1.204	6:10	150	798	575	450	0.261	1.277	797	574							Pitting			
3121	Metal Loss	Int	4457.58	4466.9	25.60	15.11	40.71	1220	AGM 5	25.10	AGM 6	485.33	42.000	0.375	0.375	35000		21	0.079					0.552	0.612	5:31	150	803	578	450	0.260	1.284	802	577							Pitting			
3122	Cluster	Int	4457.80	4467.1	25.82	14.90	40.71	1220	AGM 5	25.32	AGM 6	485.12	42.000	0.375	0.375	35000		24	0.089					1.280	1.167	5:30	150	797	574	450	0.261	1.276	799	575						CLS C				
3123	Metal Loss	Int	4458.09	4467.3	26.11	14.60	40.71	1220	AGM 5	25.61	AGM 6	484.82	42.000	0.375	0.375	35000		25	0.095					0.781	1.464	5:27	150	801	577	450	0.260	1.282	800	576							Pitting			
3124	Metal Loss	Int	4458.87	4468.0	26.89	13.83	40.71	1220	AGM 5	26.39	AGM 6	484.04	42.000	0.375	0.375	35000		23	0.087					0.834	0.849	6:47	150	801	577	450	0.260	1.281	800	576							Pitting			
3125	Metal Loss	Int	4458.91	4468.1	26.93	13.78	40.71	1220	AGM 5	26.44	AGM 6	484.00	42.000	0.375	0.375	35000		36	0.134					1.012	1.710	5:25	150	797	574	450	0.261	1.275	795	572							Pitting			
3126	Metal Loss	Int	4459.34	4468.5	27.36	13.35	40.71	1220	AGM 5	26.86	AGM 6	483.57	42.000	0.375	0.375	35000		18	0.069					0.481	0.723	5:26	150	803	578	450	0.260	1.285	803	578							Pitting			
3127	Metal Loss	Int	4459.55	4468.7	27.57	13.14	40.71	1220	AGM 5	27.07	AGM 6	483.36	42.000	0.375	0.375	35000		46	0.172					1.076	1.022	6:14	150	792	570	450	0.263	1.268	789	568							Pitting			
3128	Cluster	Int	4459.79	4468.9	27.81	12.90	40.71	1220	AGM 5	27.32	AGM 6	483.12	42.000	0.375	0.375	35000		37	0.137					1.433	2.265	5:24	150	790	569	450	0.264	1.264	788	567						CLS C				
3129	Metal Loss	Int	4459.84	4468.9	27.86	12.85	40.71	1220	AGM 5	27.36	AGM 6	483.07	42.000	0.375	0.375	35000		26	0.096					0.833	1.001	6:50	150	801	576	450	0.260	1.281	800	576							Pitting			
3130	Metal Loss	Int	4460.15	4469.2	28.17	12.54	40.71	1220	AGM 5	27.67	AGM 6	482.76	42.000	0.375	0.375	35000		31	0.118					0.863	0.925	5:23	150	799	576	450	0.260	1.279	798	575							Pitting			
3131	Cluster	Int	4460.17	4469.2	28.19	12.52	40.71	1220	AGM 5	27.69	AGM 6	482.74	42.000	0.375	0.375	35000		21	0.077					2.057	1.421	6:50	150	791	570	450	0.263	1.266	793	571						CLS C				
3132	Metal Loss	Int	4460.30	4469.4	28.32	12.39	40.71	1220	AGM 5	27.83	AGM 6	482.61	42.000	0.375	0.375	35000		18	0.068					0.644	1.623	5:28	150	802	578	450	0.260	1.284	802	577							Circumferential Grooving			
3133	Metal Loss	Int	4460.40	4469.4	28.42	12.30	40.71	1220	AGM 5	27.92	AGM 6	482.51	42.000	0.375	0.375	35000		18	0.067					0.315	0.520	6:49	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3134	Metal Loss	Int	4460.63	4469.6	28.65	12.06	40.71	1220	AGM 5	28.16	AGM 6	482.28	42.000	0.375	0.375	35000		30	0.112					1.035	1.275	6:50	150	798	575	450	0.261	1.277	797	574							Pitting			
3135	Metal Loss	Int	4461.14	4470.1	29.16	11.55	40.71	1220	AGM 5	28.66	AGM 6	481.77	42.000	0.375	0.375	35000		17	0.066					0.838	0.900	6:49	150	802	577	450	0.260	1.283	801	577							Pitting			
3136	Metal Loss	Int	4461.45	4470.4	29.47	11.24	40.71	1220	AGM 5	28.97	AGM 6	481.46	42.000	0.375	0.375	35000		29	0.109					0.578	0.585	5:26	150	802	577	450	0.260	1.283	801	577							Pitting			
3137	Metal Loss	Int	4461.50	4470.4	29.52	11.19	40.71	1220	AGM 5	29.02	AGM 6	481.41	42.000	0.375	0.375	35000		19	0.070					0.789	0.968	6:44	150	802	577	450	0.260	1.283	801	577							Pitting			
3138	Metal Loss	Int	4461.65	4470.6	29.67	11.04	40.71	1220	AGM 5	29.18	AGM 6	481.26	42.000	0.375	0.375	35000		20	0.076					0.652	0.745	6:43	150	802	578	450	0.260	1.283	802	577							Pitting			
3139	Metal Loss	Int	4461.69	4470.6	29.71	11.00	40.71	1220	AGM 5	29.21	AGM 6	481.22	42.000	0.375	0.375	35000		24	0.089					0.631	0.754	5:23	150	802	577	450	0.260	1.283	802	577							Pitting			
3140	Metal Loss	Int	4461.95	4470.9	29.97	10.74	40.71	1220	AGM 5	29.48	AGM 6	480.96	42.000	0.375	0.375	35000		20	0.076					1.023	1.109	6:49	150	800	576	450	0.260	1.280	799	575							Pitting			
3141	Metal Loss	Int	4462.03	4470.9	30.05	10.67	40.71	1220	AGM 5	29.55	AGM 6	480.88	42.000	0.375	0.375	35000		35	0.131					1.098	2.135	6:05	150	796	573	450	0.262	1.273	794	572							Pitting			
3142	Metal Loss	Int	4462.27	4471.1	30.29	10.42	40.71	1220	AGM 5	29.79	AGM 6	480.64	42.000	0.375	0.375	35000		20	0.077					0.602	0.953	5:24	150	802	578	450	0.260	1.284	802	577							Pitting			
3143	Metal Loss	Int	4462.56	4471.4	30.58	10.14	40.71	1220	AGM 5	30.08	AGM 6	480.35	42.000	0.375	0.375	35000		34	0.126					0.826	1.312	6:43	150	799	575	450	0.261	1.279	798	575							Pitting			
3144	Cluster	Int	4462.65	4471.5	30.67	10.04	40.71	1220	AGM 5	30.18	AGM 6	480.26	42.000	0.375	0.375	35000		46	0.172					1.400	2.335	5:21	150	785	565	450	0.265	1.256	782	563						CLS C				
3145	Metal Loss	Int	4463.08	4471.9	31.10	9.61	40.71	1220	AGM 5	30.60	AGM 6	479.83	42.000	0.375	0.375	35000		35	0.132					0.865	0.824	6:36	150	799	575	450	0.261	1.278	797	574							Pitting			
3146	Metal Loss	Int	4463.67	4472.4	31.69	9.02	40.71	1220	AGM 5	31.19	AGM 6	479.24	42.000	0.375	0.375	35000		26	0.099					0.835	1.096	5:39	150	800	576	450	0.260	1.281	800	576							Pitting			
3147	Cluster	Int	4464.13	4472.8	32.15	8.56	40.71	1220	AGM 5	31.65	AGM 6	478.78	42.000	0.375	0.375	35000		35	0.132					2.632	3.403	6:30	150	766	552	450	0.272	1.226	776	559						CLS C				
3148	Cluster	Int	4464.84	4473.5	32.86	7.86	40.71	1220	AGM 5	32.36	AGM 6	478.07	42.000	0.375	0.375	35000		30	0.114					1.460	2.034	6:40	150	793	571	450	0.263	1.268	791	570						CLS C				
3149	Metal Loss	Int	4465.02	4473.6	33.04	7.68	40.71	1220	AGM 5	32.54	AGM 6	477.89	42.000	0.375	0.375	35000		27	0.101					0.584	0.805	5:27	150	802	577	450	0.260	1.283	802	577							Pitting			
3150	Metal Loss	Int	4465.31	4473.9	33.33	7.39	40.71	1220	AGM 5	32.83	AGM 6	477.60	42.000	0.375	0.375	35000		15	0.057					0.421	0.570	5:23	150	803	578	450	0.260	1.285	803	578							Pitting			
3151	Metal Loss	Int	4465.61	4474.2	33.63	7.09	40.71	1220	AGM 5	33.13	AGM 6	477.31	42.000	0.375	0.375	35000		19	0.071					0.469	0.624	5:31	150	803	578	450	0.260	1.285	803	578							Pitting			
3152	Metal Loss	Int	4465.84	4474.4	33.86	6.85	40.71	1220	AGM 5	33.36	AGM 6	477.07	42.000	0.375	0.375	35000		23	0.086					0.397	0.552	5:28	150	803	578	450	0.260	1.285	803	578							Pitting			
3153	Metal Loss	Int	4466.52	4475.0	34.54	6.17	40.71	1220	AGM 5	34.04	AGM 6	476.39	42.000	0.375	0.375	35000		27	0.101					1.063	1.711	6:00	150	798	575	450	0.261	1.277	797	574							Pitting			
3154	Metal Loss	Int	4466.86	4475.3	34.88	5.84	40.71	1220	AGM 5	34.38	AGM 6	476.06	42.000	0.375	0.375	35000		24	0.090					0.868	0.969	6:53	150	801	576	450	0.260	1.281	800	576							Pitting			
3155	Metal Loss	Int	4466.90	4475.4	34.92	5.79	40.71	1220	AGM 5	34.42	AGM 6	476.01	42.000	0.375	0.375	35000		28	0.106					0.802	0.886	6:13	150	800	576	450	0.260	1.281	800	576							Pitting			
3156	Metal Loss	Int	4467.55	4476.0	35.57	5.14	40.71	1220	AGM 5	35.07	AGM 6	475.36	42.000	0.375	0.375	35000		40	0.152					1.007	0.979	5:14	150	795	573	450	0.262	1.273	793	571							Pitting			
3157	Metal Loss	Int	4469.51	4477.7	37.53	3.18	40.71	1220	AGM 5	37.03	AGM 6	473.40	42.000	0.375	0.375	35000		26	0.097					0.983	1.149	6:05	150	799	576	450	0.260	1.279	798	575							Pitting			
3158	Metal Loss	Int	4469.57	4477.8	37.59	3.12	40.71	1220	AGM 5	37.09	AGM 6	473.34	42.000	0.375	0.375	35000		28	0.106					0.786	1.469	6:27	150	801	576	450	0.260	1.281	800	576							Pitting			
3159	Metal Loss	Int	4470.42	4478.6	38.44	2.27	40.71	1220	AGM 5	37.94	AGM 6	472.49	42.000	0.375	0.375	35000		38	0.141					1.923	1.605	6:03	150	779	561	450	0.267	1.247	773	557							General Metal-loss			
3160	Metal Loss	Int	4471.75	4479.8	39.77	0.94	40.71	1220	AGM 5	39.27	AGM 6	471.16	42.000	0.375	0.375	35000		18	0.066					0.625	0.724	5:40	150	802	578	450	0.260	1.284	802	577							Pitting			
3161	Girth Weld		4472.69	4480.6	40.71	3.15	3.15	1230	AGM 5	40.22	AGM 6	470.22	42.000	0.375	0.375	35000											150																	
3162	Bend		4474.30	4482.1	1.60	1.55	3.15	1230	AGM 5	41.82	AGM 6	468.61	42.000	0.375	0.375	35000								34.680			150													Sag Forged Bend				
3163	Girth Weld		4475.85	4483.5	3.15	5.32	5.32	1240	AGM 5	43.37	AGM 6	467.06	42.000	0.375	0.375	35000											150																	
3164	Bend		4478.57	4486.0	2.72	2.60	5.32	1240	AGM 5	46.09	AGM 6	464.34	42.000	0.375	0.375	35000								60.312			150													Over Forged Bend				
3165	Girth Weld		4481.17	4488.4	5.32	8.05	8.05	1250	AGM 5	48.69	AGM 6	461.74	42.000	0.375	0.375	35000											150																	
3166	Girth Weld		4489.22	4495.7	8.05	21.51	21.51	1260	AGM 5	56.74	AGM 6	453.69	42.000	0.375	0.375	35000											150																	
3167	Girth Weld		4510.73	4515.3	21.51	10.02	10.02	1270	AGM 5	78.25	AGM 6	432.19	42.000	0.375	0.375	35000											150																	
3168	Girth Weld		4520.75	4524.4	10.02	8.73	8.73	1280	AGM 5	88.27	AGM 6	422.17	42.000	0.375	0.375	35000											150																	
3169	Bend		4525.19	4528.5	4.45	4.28	8.73	1280	AGM 5	92.72	AGM 6	417.72	42.000	0.375	0.375	35000								100.654			150													Left Forged Bend				
3170	Girth Weld		4529.48	4532.4	8.73	40.45	40.45	1290	AGM 5	97.00	AGM 6	413.44	42.000	0.375	0.375	35000											150																	
3171	Metal Loss	Int	4542.88	4544.6	13.41	27.05	40.45	1290	AGM 5	110.40	AGM 6	400.03	42.000	0.375	0.375	35000		23	0.085					0.409	0.551	6:22	150	803	578	450	0.260	1.285	803	578							Pitting			
3172	Girth Weld		4569.93	4569.2	40.45	40.76	40.76	1300	AGM 5	137.45	AGM 6	372.98	42.000	0.375	0.375	35000											150																	
3173	Girth Weld		4610.69	4606.3	40.76	40.48	40.48	1310	AGM 5	178.21	AGM 6	332.23	42.000	0.375	0.375	35000											150																	
3174	Girth Weld		4651.16	4643.2	40.48	38.68	38.68	1320	AGM 5	218.68	AGM 6	291.75	42.000	0.375	0.375	35000											150																	
3175	Girth Weld		4689.85	4678.5	38.68	39.94	39.94	1330	AGM 5	257.37	AGM 6	253.07	42.000	0.375	0.375	35000											150																	
3176	Metal Loss	Int	4715.75	4702.1	25.91	14.03	39.94	1330	AGM 5	283.28	AGM 6	227.16	42.000	0.375	0.375	35000		26	0.098					0.655	0.659	6:23	150	802	577	450	0.260	1.283	801	577							Pitting			
3177	Metal Loss	Int	4719.71	4705.7	29.87	10.07	39.94	1330	AGM 5	287.24	AGM 6	223.20	42.000	0.375	0.375	35000		20	0.076					0.445	0.567	6:06	150	803	578	450	0.260	1.285	803	578							Pitting			
3178	Metal Loss	Int	4725.13	4710.6	35.29	4.65	39.94	1330	AGM 5	292.66	AGM 6	217.78	42.000	0.375	0.375	35000		20	0.077					0.315	0.521	6:23	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3179	Metal Loss	Int	4725.90	4711.3	36.05	3.88	39.94	1330	AGM 5	293.42	AGM 6	217.01	42.000	0.375	0.375	35000		19	0.072					0.943	0.958	5:51	150	801	577	450	0.260	1.281	800	576							Pitting			
3180	Metal Loss	Int	4726.30	4711.7	36.45	3.49	39.94	1330	AGM 5	293.82	AGM 6	216.61	42.000	0.375	0.375	35000		18	0.067					0.318	0.534	6:25	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3181	Metal Loss	Int	4727.25	4712.5	37.40	2.53	39.94	1330	AGM 5	294.77	AGM 6	215.66	42.000	0.375	0.375	35000		26	0.099					0.669	0.613	5:51	150	802	577	450	0.260	1.282	801	577							Pitting			
3182	Cluster	Int	4727.64	4712.9	37.79	2.15	39.94	1330	AGM 5	295.16	AGM 6	215.27	42.000	0.375	0.375	35000		30	0.111					1.459	3.664	6:05	150	793	571	450	0.263	1.269	790	569						CLS C				
3183	Metal Loss	Int	4728.16	4713.4	38.32	1.62	39.94	1330	AGM 5	295.68	AGM 6	214.75	42.000	0.375	0.375	35000		17	0.062					0.364	0.555	5:51	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3184	Metal Loss	Int	4728.80	4713.9	38.95	0.99	39.94	1330	AGM 5	296.32	AGM 6	214.11	42.000	0.375	0.375	35000		16	0.060					0.315	0.521	6:02	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3185	Girth Weld		4729.78	4714.8	39.94	40.83	40.83	1340	AGM 5	297.31	AGM 6	213.13	42.000	0.375	0.375	35000											150																	
3186	Metal Loss	Int	4729.80	4714.9	0.01	40.81	40.83	1340	AGM 5	297.32	AGM 6	213.12	42.000	0.375	0.375	35000		23	0.086					0.361	0.562	6:08	150	803	578	450	0.260	1.285	803	578						On GWD	Circumferential Slotting			
3187	Metal Loss	Int	4736.99	4721.4	7.20	33.62	40.83	1340	AGM 5	304.51	AGM 6	205.93	42.000	0.375	0.375	35000		16	0.059					0.812	0.707	5:21	150	802	577	450	0.260	1.283	802	577							Pitting			
3188	Metal Loss	Int	4738.05	4722.4	8.27	32.56	40.83	1340	AGM 5	305.57	AGM 6	204.86	42.000	0.375	0.375	35000		45	0.169					1.222	2.121	5:34	150	790	569	450	0.264	1.263	785	565							General Metal-loss			
3189	Metal Loss	Int	4752.91	4735.9	23.12	17.70	40.83	1340	AGM 5	320.43	AGM 6	190.01	42.000	0.375	0.375	35000		15	0.056					0.374	0.541	6:15	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3190	Metal Loss	Int	4757.37	4740.0	27.59	13.24	40.83	1340	AGM 5	324.90	AGM 6	185.54	42.000	0.375	0.375	35000		24	0.089					0.662	0.654	5:52	150	802	577	450	0.260	1.283	801	577							Pitting			
3191	Metal Loss	Int	4757.66	4740.2	27.88	12.95	40.83	1340	AGM 5	325.18	AGM 6	185.25	42.000	0.375	0.375	35000		66	0.249					1.607	1.425	6:21	150	757	545	450	0.275	1.211	734	528							General Metal-loss			
3192	Metal Loss	Int	4758.85	4741.3	29.07	11.76	40.83	1340	AGM 5	326.37	AGM 6	184.06	42.000	0.375	0.375	35000		16	0.060					0.886	1.920	6:19	150	802	577	450	0.260	1.283	801	577							Circumferential Grooving			
3193	Metal Loss	Int	4760.58	4742.9	30.80	10.03	40.83	1340	AGM 5	328.10	AGM 6	182.33	42.000	0.375	0.375	35000		29	0.108					0.852	0.800	5:40	150	800	576	450	0.260	1.280	799	575							Pitting			
3194	Metal Loss	Int	4760.86	4743.2	31.07	9.75	40.83	1340	AGM 5	328.38	AGM 6	182.05	42.000	0.375	0.375	35000		39	0.146					1.343	1.574	5:38	150	790	569	450	0.264	1.264	786	566							General Metal-loss			
3195	Metal Loss	Int	4764.00	4746.0	34.21	6.61	40.83	1340	AGM 5	331.52	AGM 6	178.91	42.000	0.375	0.375	35000		16	0.062					1.003	1.131	6:14	150	801	577	450	0.260	1.282	801	577							Pitting			
3196	Cluster	Int	4764.43	4746.4	34.65	6.18	40.83	1340	AGM 5	331.96	AGM 6	178.48	42.000	0.375	0.375	35000		51	0.190					1.968	4.706	6:16	150	764	550	450	0.273	1.222	753	542						CLS C				
3197	Metal Loss	Int	4764.67	4746.6	34.88	5.94	40.83	1340	AGM 5	332.19	AGM 6	178.25	42.000	0.375	0.375	35000		27	0.100					1.008	1.371	5:44	150	799	575	450	0.261	1.278	798	575							Pitting			
3198	Metal Loss	Int	4765.09	4747.0	35.31	5.52	40.83	1340	AGM 5	332.61	AGM 6	177.82	42.000	0.375	0.375	35000		35	0.133					2.186	3.642	6:10	150	776	558	450	0.269	1.241	768	553							General Metal-loss			
3199	Metal Loss	Int	4766.17	4748.0	36.38	4.44	40.83	1340	AGM 5	333.69	AGM 6	176.75	42.000	0.375	0.375	35000		55	0.208					1.476	1.324	6:01	150	776	558	450	0.269	1.241	765	551							General Metal-loss			
3200	Metal Loss	Int	4766.71	4748.5	36.93	3.90	40.83	1340	AGM 5	334.23	AGM 6	176.20	42.000	0.375	0.375	35000		35	0.130					0.707	0.758	5:53	150	800	576	450	0.260	1.280	799	575							Pitting			
3201	Cluster	Int	4769.33	4750.9	39.55	1.28	40.83	1340	AGM 5	336.85	AGM 6	173.58	42.000	0.375	0.375	35000		34	0.129					1.649	3.253	5:57	150	787	567	450	0.265	1.260	786	566						CLS C				
3202	Metal Loss	Int	4769.68	4751.2	39.89	0.93	40.83	1340	AGM 5	337.20	AGM 6	173.23	42.000	0.375	0.375	35000		20	0.076					0.752	0.652	6:15	150	802	577	450	0.260	1.283	801	577							Pitting			
3203	Metal Loss	Int	4770.24	4751.7	40.46	0.37	40.83	1340	AGM 5	337.77	AGM 6	172.67	42.000	0.375	0.375	35000		42	0.159					1.386	2.312	5:57	150	788	567	450	0.265	1.260	783	564							General Metal-loss			
3204	Girth Weld		4770.61	4752.0	40.83	40.36	40.36	1350	AGM 5	338.13	AGM 6	172.30	42.000	0.375	0.375	35000											150																	
3205	Metal Loss	Int	4770.92	4752.3	0.31	40.05	40.36	1350	AGM 5	338.44	AGM 6	171.99	42.000	0.375	0.375	35000		32	0.122					0.915	1.009	6:06	150	799	575	450	0.261	1.278	797	574							Pitting			
3206	Metal Loss	Int	4771.35	4752.7	0.74	39.62	40.36	1350	AGM 5	338.87	AGM 6	171.56	42.000	0.375	0.375	35000		22	0.081					0.875	0.689	6:08	150	801	577	450	0.260	1.281	800	576							Pitting			
3207	Cluster	Int	4771.63	4753.0	1.02	39.33	40.36	1350	AGM 5	339.15	AGM 6	171.28	42.000	0.375	0.375	35000		22	0.083					2.513	1.164	6:08	150	784	565	450	0.265	1.255	790	569						CLS C				
3208	Cluster	Int	4772.70	4753.9	2.09	38.26	40.36	1350	AGM 5	340.23	AGM 6	170.21	42.000	0.375	0.375	35000		19	0.070					2.374	1.427	6:04	150	789	568	450	0.264	1.263	792	570						CLS C				
3209	Metal Loss	Int	4774.72	4755.8	4.11	36.25	40.36	1350	AGM 5	342.24	AGM 6	168.19	42.000	0.375	0.375	35000		32	0.120					1.294	1.641	6:35	150	794	572	450	0.262	1.271	792	570							General Metal-loss			
3210	Metal Loss	Int	4778.76	4759.5	8.15	32.20	40.36	1350	AGM 5	346.28	AGM 6	164.15	42.000	0.375	0.375	35000		30	0.114					1.165	1.611	5:34	150	796	573	450	0.262	1.274	795	572							Pitting			
3211	Metal Loss	Int	4780.00	4760.6	9.39	30.97	40.36	1350	AGM 5	347.52	AGM 6	162.91	42.000	0.375	0.375	35000		32	0.119					1.036	1.177	5:34	150	797	574	450	0.261	1.276	796	573							Pitting			
3212	Cluster	Int	4781.66	4762.1	11.05	29.30	40.36	1350	AGM 5	349.18	AGM 6	161.25	42.000	0.375	0.375	35000		24	0.091					1.269	2.405	6:12	150	797	574	450	0.261	1.276	797	574						CLS C				
3213	Metal Loss	Int	4783.78	4764.0	13.17	27.18	40.36	1350	AGM 5	351.31	AGM 6	159.13	42.000	0.375	0.375	35000		34	0.129					1.104	1.040	5:30	150	796	573	450	0.262	1.273	794	572							Pitting			
3214	Metal Loss	Int	4783.79	4764.0	13.18	27.18	40.36	1350	AGM 5	351.31	AGM 6	159.12	42.000	0.375	0.375	35000		33	0.123					1.003	1.079	5:57	150	798	574	450	0.261	1.276	796	573							Pitting			
3215	Metal Loss	Int	4784.07	4764.3	13.46	26.89	40.36	1350	AGM 5	351.60	AGM 6	158.84	42.000	0.375	0.375	35000		20	0.074					1.125	1.687	5:35	150	800	576	450	0.260	1.279	799	575							Pitting			
3216	Metal Loss	Int	4784.19	4764.4	13.58	26.78	40.36	1350	AGM 5	351.71	AGM 6	158.72	42.000	0.375	0.375	35000		26	0.096					0.932	0.867	6:37	150	800	576	450	0.260	1.280	799	575							Pitting			
3217	Metal Loss	Int	4786.07	4766.1	15.46	24.90	40.36	1350	AGM 5	353.59	AGM 6	156.84	42.000	0.375	0.375	35000		38	0.144					1.072	0.741	6:14	150	795	572	450	0.262	1.272	793	571							Pitting			
3218	Cluster	Int	4786.12	4766.2	15.51	24.84	40.36	1350	AGM 5	353.65	AGM 6	156.79	42.000	0.375	0.375	35000		24	0.091					1.752	1.743	5:31	150	792	570	450	0.263	1.267	792	570						CLS C				
3219	Metal Loss	Int	4786.35	4766.4	15.74	24.62	40.36	1350	AGM 5	353.87	AGM 6	156.56	42.000	0.375	0.375	35000		29	0.110					1.028	1.073	5:33	150	798	575	450	0.261	1.277	797	574							Pitting			
3220	Metal Loss	Int	4787.21	4767.2	16.60	23.76	40.36	1350	AGM 5	354.73	AGM 6	155.70	42.000	0.375	0.375	35000		34	0.129					1.020	0.818	5:30	150	797	574	450	0.261	1.275	795	572							Pitting			
3221	Metal Loss	Int	4787.53	4767.4	16.92	23.43	40.36	1350	AGM 5	355.05	AGM 6	155.38	42.000	0.375	0.375	35000		26	0.096					0.710	0.708	5:33	150	801	577	450	0.260	1.282	801	577							Pitting			
3222	Metal Loss	Int	4788.24	4768.1	17.63	22.73	40.36	1350	AGM 5	355.76	AGM 6	154.67	42.000	0.375	0.375	35000		30	0.112					0.985	0.813	5:53	150	798	575	450	0.261	1.278	797	574							Pitting			
3223	Metal Loss	Int	4788.50	4768.3	17.89	22.47	40.36	1350	AGM 5	356.02	AGM 6	154.42	42.000	0.375	0.375	35000		26	0.098					0.503	0.576	5:48	150	802	578	450	0.260	1.284	802	577							Pitting			
3224	Metal Loss	Int	4788.97	4768.8	18.35	22.00	40.36	1350	AGM 5	356.49	AGM 6	153.95	42.000	0.375	0.375	35000		33	0.123					0.717	0.768	5:31	150	800	576	450	0.260	1.281	800	576							Pitting			
3225	Metal Loss	Int	4789.35	4769.1	18.74	21.62	40.36	1350	AGM 5	356.87	AGM 6	153.57	42.000	0.375	0.375	35000		23	0.088					0.849	1.128	6:38	150	801	577	450	0.260	1.281	800	576							Pitting			
3226	Metal Loss	Int	4789.48	4769.2	18.87	21.49	40.36	1350	AGM 5	357.00	AGM 6	153.43	42.000	0.375	0.375	35000		25	0.095					0.883	1.234	5:34	150	800	576	450	0.260	1.280	799	575							Pitting			
3227	Metal Loss	Int	4789.83	4769.5	19.22	21.14	40.36	1350	AGM 5	357.35	AGM 6	153.08	42.000	0.375	0.375	35000		28	0.104					1.088	1.149	5:32	150	798	575	450	0.261	1.277	797	574							Pitting			
3228	Metal Loss	Int	4790.43	4770.1	19.82	20.54	40.36	1350	AGM 5	357.95	AGM 6	152.49	42.000	0.375	0.375	35000		38	0.141					1.423	1.882	5:34	150	789	568	450	0.264	1.263	786	566							General Metal-loss			
3229	Metal Loss	Int	4791.61	4771.2	21.00	19.35	40.36	1350	AGM 5	359.14	AGM 6	151.30	42.000	0.375	0.375	35000		30	0.111					0.784	0.763	6:20	150	800	576	450	0.260	1.281	800	576							Pitting			
3230	Cluster	Int	4792.08	4771.6	21.47	18.88	40.36	1350	AGM 5	359.60	AGM 6	150.83	42.000	0.375	0.375	35000		32	0.120					2.732	2.491	5:34	150	769	553	450	0.271	1.230	768	553						CLS C				
3231	Metal Loss	Int	4793.00	4772.4	22.39	17.96	40.36	1350	AGM 5	360.52	AGM 6	149.91	42.000	0.375	0.375	35000		21	0.080					1.457	1.169	6:41	150	797	574	450	0.261	1.275	795	572							Pitting			
3232	Metal Loss	Int	4793.55	4772.9	22.94	17.41	40.36	1350	AGM 5	361.07	AGM 6	149.36	42.000	0.375	0.375	35000		32	0.121					0.979	0.800	6:06	150	798	575	450	0.261	1.277	797	574							Pitting			
3233	Metal Object		4793.68	4773.1	23.07	17.28	40.36	1350	AGM 5	361.20	AGM 6	149.23	42.000	0.375	0.375	35000								2.808	5.629	11:05	150													Close Metal Object				
3234	Metal Loss	Int	4793.70	4773.1	23.09	17.27	40.36	1350	AGM 5	361.22	AGM 6	149.22	42.000	0.375	0.375	35000		36	0.137					1.414	1.298	5:37	150	790	569	450	0.264	1.264	787	567							General Metal-loss			
3235	Metal Loss	Int	4793.91	4773.3	23.30	17.05	40.36	1350	AGM 5	361.44	AGM 6	149.00	42.000	0.375	0.375	35000		21	0.079					1.130	1.248	5:34	150	799	575	450	0.261	1.279	798	575							Pitting			
3236	Metal Loss	Int	4794.26	4773.6	23.65	16.70	40.36	1350	AGM 5	361.79	AGM 6	148.65	42.000	0.375	0.375	35000		31	0.117					1.293	1.668	5:33	150	794	572	450	0.262	1.271	792	570							General Metal-loss			
3237	Metal Loss	Int	4794.98	4774.2	24.37	15.98	40.36	1350	AGM 5	362.51	AGM 6	147.93	42.000	0.375	0.375	35000		29	0.109					0.974	0.898	6:40	150	799	575	450	0.261	1.278	798	575							Pitting			
3238	Metal Loss	Int	4795.73	4774.9	25.12	15.24	40.36	1350	AGM 5	363.25	AGM 6	147.18	42.000	0.375	0.375	35000		28	0.104					0.833	0.917	5:42	150	800	576	450	0.260	1.280	799	575							Pitting			
3239	Metal Loss	Int	4796.82	4775.9	26.21	14.14	40.36	1350	AGM 5	364.35	AGM 6	146.09	42.000	0.375	0.375	35000		67	0.251					1.329	1.071	5:44	150	770	554	450	0.271	1.231	753	542							Pitting			
3240	Metal Loss	Int	4797.35	4776.4	26.74	13.62	40.36	1350	AGM 5	364.87	AGM 6	145.56	42.000	0.375	0.375	35000		16	0.060					1.235	1.185	6:08	150	800	576	450	0.260	1.280	799	575							General Metal-loss			
3241	Cluster	Int	4798.53	4777.5	27.92	12.44	40.36	1350	AGM 5	366.05	AGM 6	144.38	42.000	0.375	0.375	35000		34	0.126					1.839	3.432	6:04	150	784	565	450	0.265	1.255	796	573						CLS C				
3242	Metal Loss	Int	4801.87	4780.5	31.26	9.09	40.36	1350	AGM 5	369.40	AGM 6	141.04	42.000	0.375	0.375	35000		31	0.115					0.859	0.976	6:06	150	800	576	450	0.260	1.279	799	575							Pitting			
3243	Metal Loss	Int	4802.02	4780.6	31.41	8.95	40.36	1350	AGM 5	369.54	AGM 6	140.90	42.000	0.375	0.375	35000		17	0.064					0.315	0.552	6:05	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3244	Metal Loss	Int	4802.18	4780.8	31.57	8.78	40.36	1350	AGM 5	369.71	AGM 6	140.73	42.000	0.375	0.375	35000		18	0.069					0.619	0.602	6:05	150	802	578	450	0.260	1.284	802	577							Pitting			
3245	Metal Loss	Int	4805.86	4784.1	35.25	5.10	40.36	1350	AGM 5	373.38	AGM 6	137.05	42.000	0.375	0.375	35000		20	0.076					0.785	1.031	5:55	150	802	577	450	0.260	1.283	801	577							Pitting			
3246	Metal Loss	Int	4807.70	4785.8	37.08	3.27	40.36	1350	AGM 5	375.22	AGM 6	135.22	42.000	0.375	0.375	35000		47	0.177					1.578	2.180	6:02	150	779	561	450	0.267	1.247	772	556							General Metal-loss			
3247	Metal Loss	Int	4808.32	4786.4	37.71	2.64	40.36	1350	AGM 5	375.84	AGM 6	134.59	42.000	0.375	0.375	35000		17	0.065					0.449	0.603	6:05	150	803	578	450	0.260	1.285	803	578							Pitting			
3248	Metal Loss	Int	4809.52	4787.5	38.91	1.44	40.36	1350	AGM 5	377.04	AGM 6	133.39	42.000	0.375	0.375	35000		18	0.069					0.881	1.043	6:06	150	801	577	450	0.260	1.282	801	577							Pitting			
3249	Metal Loss	Int	4810.83	4788.7	40.22	0.14	40.36	1350	AGM 5	378.35	AGM 6	132.09	42.000	0.375	0.375	35000		19	0.072					0.724	0.761	6:02	150	802	577	450	0.260	1.283	802	577						Near GWD	Pitting			
3250	Girth Weld		4810.97	4788.8	40.36	26.39	26.39	1360	AGM 5	378.49	AGM 6	131.95	42.000	0.375	0.375	35000											150																	
3251	Metal Loss	Int	4811.50	4789.3	0.54	25.86	26.39	1360	AGM 5	379.03	AGM 6	131.41	42.000	0.375	0.375	35000		41	0.155					1.194	0.852	6:02	150	792	570	450	0.263	1.267	788	567							Pitting			
3252	Metal Loss	Int	4812.60	4790.3	1.63	24.76	26.39	1360	AGM 5	380.12	AGM 6	130.31	42.000	0.375	0.375	35000		40	0.150					1.456	2.245	5:59	150	787	567	450	0.265	1.260	783	564							General Metal-loss			
3253	Metal Loss	Int	4825.64	4802.2	14.67	11.72	26.39	1360	AGM 5	393.16	AGM 6	117.27	42.000	0.375	0.375	35000		36	0.136					1.091	0.972	5:56	150	795	573	450	0.262	1.273	793	571							Pitting			
3254	Metal Loss	Int	4828.98	4805.2	18.01	8.38	26.39	1360	AGM 5	396.50	AGM 6	113.93	42.000	0.375	0.375	35000		30	0.113					0.623	0.626	6:03	150	801	577	450	0.260	1.282	801	577							Pitting			
3255	Girth Weld		4837.36	4812.8	26.39	7.31	7.31	1370	AGM 5	404.88	AGM 6	105.55	42.000	0.375	0.375	35000											150																	
3256	Girth Weld		4844.67	4819.5	7.31	5.82	5.82	1380	AGM 5	412.19	AGM 6	98.25	42.000	0.375	0.375	35000											150																	
3257	Bend		4847.59	4822.2	2.92	2.90	5.82	1380	AGM 5	415.11	AGM 6	95.33	42.000	0.375	0.375	35000								67.219			150													Over Forged Bend				
3258	Girth Weld		4850.49	4824.8	5.82	5.25	5.25	1390	AGM 5	418.01	AGM 6	92.43	42.000	0.375	0.375	35000											150																	
3259	Bend		4853.13	4827.2	2.64	2.61	5.25	1390	AGM 5	420.65	AGM 6	89.78	42.000	0.375	0.375	35000								60.459			150													Sag Forged Bend				
3260	Girth Weld		4855.73	4829.6	5.25	39.98	39.98	1400	AGM 5	423.26	AGM 6	87.18	42.000	0.375	0.375	35000											150																	
3261	Cluster	Int	4856.56	4830.3	0.83	39.15	39.98	1400	AGM 5	424.08	AGM 6	86.35	42.000	0.375	0.375	35000		46	0.174					1.986	4.129	5:58	150	768	553	450	0.271	1.229	773	557						CLS C				
3262	Cluster	Int	4856.81	4830.6	1.08	38.90	39.98	1400	AGM 5	424.33	AGM 6	86.10	42.000	0.375	0.375	35000		38	0.142					1.286	2.216	6:09	150	792	570	450	0.263	1.267	789	568						CLS C				
3263	Metal Loss	Int	4856.83	4830.6	1.10	38.88	39.98	1400	AGM 5	424.35	AGM 6	86.08	42.000	0.375	0.375	35000		24	0.091					0.732	0.983	5:33	150	801	577	450	0.260	1.282	801	577							Pitting			
3264	Metal Loss	Int	4856.86	4830.6	1.13	38.85	39.98	1400	AGM 5	424.38	AGM 6	86.05	42.000	0.375	0.375	35000		29	0.108					0.631	0.708	6:32	150	802	577	450	0.260	1.282	801	577							Pitting			
3265	Metal Loss	Int	4857.19	4830.9	1.46	38.52	39.98	1400	AGM 5	424.71	AGM 6	85.72	42.000	0.375	0.375	35000		31	0.116					1.637	3.592	6:14	150	790	569	450	0.264	1.263	786	566							General Metal-loss			
3266	Metal Loss	Int	4857.37	4831.1	1.64	38.34	39.98	1400	AGM 5	424.89	AGM 6	85.54	42.000	0.375	0.375	35000		23	0.086					0.962	1.038	5:32	150	800	576	450	0.260	1.280	799	575							Pitting			
3267	Metal Loss	Int	4857.41	4831.1	1.67	38.30	39.98	1400	AGM 5	424.93	AGM 6	85.50	42.000	0.375	0.375	35000		30	0.111					1.027	0.791	7:48	150	798	575	450	0.261	1.277	797	574							Pitting			
3268	Metal Loss	Int	4857.67	4831.3	1.93	38.04	39.98	1400	AGM 5	425.19	AGM 6	85.24	42.000	0.375	0.375	35000		32	0.120					0.822	0.901	5:33	150	800	576	450	0.260	1.279	799	575							Pitting			
3269	Metal Loss	Int	4857.67	4831.3	1.94	38.04	39.98	1400	AGM 5	425.19	AGM 6	85.24	42.000	0.375	0.375	35000		24	0.090					0.743	0.636	6:39	150	801	577	450	0.260	1.282	801	577							Pitting			
3270	Metal Loss	Int	4857.92	4831.6	2.19	37.79	39.98	1400	AGM 5	425.45	AGM 6	84.99	42.000	0.375	0.375	35000		17	0.065					0.995	1.002	6:31	150	801	577	450	0.260	1.282	800	576							Pitting			
3271	Metal Loss	Int	4858.70	4832.3	2.97	37.01	39.98	1400	AGM 5	426.23	AGM 6	84.21	42.000	0.375	0.375	35000		32	0.118					0.533	0.549	6:09	150	802	577	450	0.260	1.283	802	577							Pitting			
3272	Metal Loss	Int	4858.93	4832.5	3.20	36.78	39.98	1400	AGM 5	426.46	AGM 6	83.98	42.000	0.375	0.375	35000		51	0.192					1.535	2.083	6:21	150	777	560	450	0.268	1.244	768	553							General Metal-loss			
3273	Metal Loss	Int	4859.23	4832.8	3.50	36.48	39.98	1400	AGM 5	426.75	AGM 6	83.68	42.000	0.375	0.375	35000		40	0.152					1.046	1.971	6:22	150	795	572	450	0.262	1.272	792	570							Pitting			
3274	Metal Loss	Int	4859.62	4833.1	3.88	36.09	39.98	1400	AGM 5	427.14	AGM 6	83.30	42.000	0.375	0.375	35000		23	0.087					1.441	2.176	6:13	150	796	573	450	0.262	1.274	794	572							General Metal-loss			
3275	Metal Loss	Int	4860.19	4833.6	4.46	35.52	39.98	1400	AGM 5	427.71	AGM 6	82.72	42.000	0.375	0.375	35000		34	0.129					1.299	1.690	5:37	150	793	571	450	0.263	1.269	790	569							General Metal-loss			
3276	Cluster	Int	4860.30	4833.7	4.57	35.41	39.98	1400	AGM 5	427.83	AGM 6	82.61	42.000	0.375	0.375	35000		75	0.281					1.450	2.014	4:33	150	751	541	450	0.277	1.202	718	517	1	a				CLS C				
3277	Metal Loss	Int	4860.32	4833.8	4.58	35.39	39.98	1400	AGM 5	427.84	AGM 6	82.60	42.000	0.375	0.375	35000		32	0.120					1.415	1.703	6:21	150	792	571	450	0.263	1.268	790	569							General Metal-loss			
3278	Metal Loss	Int	4860.66	4834.1	4.93	35.05	39.98	1400	AGM 5	428.18	AGM 6	82.25	42.000	0.375	0.375	35000		25	0.095					0.641	0.710	6:54	150	802	577	450	0.260	1.283	801	577							Pitting			
3279	Metal Loss	Int	4861.23	4834.6	5.50	34.48	39.98	1400	AGM 5	428.75	AGM 6	81.68	42.000	0.375	0.375	35000		28	0.103					0.423	0.561	7:00	150	803	578	450	0.260	1.284	802	577							Pitting			
3280	Metal Loss	Int	4861.54	4834.9	5.80	34.17	39.98	1400	AGM 5	429.06	AGM 6	81.37	42.000	0.375	0.375	35000		27	0.099					0.689	0.528	6:06	150	801	577	450	0.260	1.282	801	577							Pitting			

Feature Number (sequential order)	Pipeline Feature	INT/ EXT (ID/OD)	Odometer	Station Number	Distance to U/S weld	Distance to D/S weld	Joint Length	Defect Joint Number	Upstream (U/S) Reference: Name	Upstream (U/S) Reference: Distance from:	Downstream (D/S) Reference: Name	Downstream (D/S) Reference: Distance to:
			(feet)	(feet)	(feet)	(feet)	(feet)			(feet)		(feet)
3281	Metal Loss	Int	4861.98	4835.3	6.24	33.73	39.98	1400	AGM 5	429.50	AGM 6	80.93
3282	Metal Loss	Int	4862.18	4835.5	6.45	33.53	39.98	1400	AGM 5	429.70	AGM 6	80.73
3283	Metal Loss	Int	4862.64	4835.9	6.90	33.07	39.98	1400	AGM 5	430.16	AGM 6	80.27
3284	Metal Loss	Int	4862.77	4836.0	7.04	32.94	39.98	1400	AGM 5	430.29	AGM 6	80.14
3285	Metal Loss	Int	4862.96	4836.2	7.23	32.75	39.98	1400	AGM 5	430.48	AGM 6	79.95
3286	Cluster	Int	4863.03	4836.2	7.29	32.68	39.98	1400	AGM 5	430.55	AGM 6	79.88
3287	Cluster	Int	4863.66	4836.8	7.93	32.05	39.98	1400	AGM 5	431.19	AGM 6	79.25
3288	Metal Loss	Int	4864.55	4837.6	8.81	31.16	39.98	1400	AGM 5	432.07	AGM 6	78.36
3289	Metal Loss	Int	4864.64	4837.7	8.90	31.07	39.98	1400	AGM 5	432.16	AGM 6	78.28
3290	Metal Loss	Int	4864.91	4837.9	9.18	30.80	39.98	1400	AGM 5	432.43	AGM 6	78.00
3291	Cluster	Int	4865.04	4838.1	9.30	30.68	39.98	1400	AGM 5	432.56	AGM 6	77.88
3292	Metal Loss	Int	4865.26	4838.3	9.52	30.45	39.98	1400	AGM 5	432.78	AGM 6	77.66
3293	Metal Loss	Int	4865.44	4838.4	9.70	30.28	39.98	1400	AGM 5	432.96	AGM 6	77.48
3294	Metal Loss	Int	4865.51	4838.5	9.77	30.20	39.98	1400	AGM 5	433.03	AGM 6	77.41
3295	Metal Loss	Int	4865.72	4838.7	9.99	29.99	39.98	1400	AGM 5	433.25	AGM 6	77.19
3296	Metal Loss	Int	4865.76	4838.7	10.03	29.95	39.98	1400	AGM 5	433.28	AGM 6	77.15
3297	Metal Loss	Int	4866.14	4839.1	10.40	29.57	39.98	1400	AGM 5	433.66	AGM 6	76.77
3298	Metal Loss	Int	4866.43	4839.3	10.69	29.28	39.98	1400	AGM 5	433.95	AGM 6	76.48
3299	Metal Loss	Int	4866.61	4839.5	10.88	29.10	39.98	1400	AGM 5	434.14	AGM 6	76.30
3300	Metal Loss	Int	4867.01	4839.8	11.27	28.71	39.98	1400	AGM 5	434.53	AGM 6	75.91
3301	Metal Loss	Int	4867.47	4840.3	11.73	28.24	39.98	1400	AGM 5	434.99	AGM 6	75.45
3302	Metal Loss	Int	4867.78	4840.6	12.04	27.93	39.98	1400	AGM 5	435.30	AGM 6	75.14
3303	Metal Loss	Int	4867.86	4840.6	12.13	27.85	39.98	1400	AGM 5	435.39	AGM 6	75.05
3304	Metal Loss	Int	4867.98	4840.7	12.25	27.73	39.98	1400	AGM 5	435.51	AGM 6	74.93
3305	Metal Loss	Int	4868.20	4840.9	12.46	27.51	39.98	1400	AGM 5	435.72	AGM 6	74.71
3306	Metal Loss	Int	4868.35	4841.1	12.62	27.36	39.98	1400	AGM 5	435.87	AGM 6	74.56
3307	Metal Loss	Int	4868.55	4841.3	12.82	27.16	39.98	1400	AGM 5	436.07	AGM 6	74.36
3308	Cluster	Int	4868.81	4841.5	13.08	26.90	39.98	1400	AGM 5	436.33	AGM 6	74.10
3309	Metal Loss	Int	4868.89	4841.6	13.15	26.82	39.98	1400	AGM 5	436.41	AGM 6	74.02
3310	Metal Loss	Int	4869.12	4841.8	13.39	26.59	39.98	1400	AGM 5	436.64	AGM 6	73.79
3311	Cluster	Int	4869.27	4841.9	13.53	26.44	39.98	1400	AGM 5	436.79	AGM 6	73.65
3312	Metal Loss	Int	4869.35	4842.0	13.62	26.36	39.98	1400	AGM 5	436.88	AGM 6	73.56
3313	Metal Loss	Int	4869.72	4842.3	13.98	26.00	39.98	1400	AGM 5	437.24	AGM 6	73.20
3314	Metal Loss	Int	4869.77	4842.4	14.03	25.94	39.98	1400	AGM 5	437.29	AGM 6	73.14
3315	Metal Loss	Int	4869.93	4842.5	14.19	25.78	39.98	1400	AGM 5	437.45	AGM 6	72.99
3316	Metal Loss	Int	4870.37	4842.9	14.63	25.34	39.98	1400	AGM 5	437.89	AGM 6	72.55
3317	Metal Loss	Int	4870.46	4843.0	14.73	25.25	39.98	1400	AGM 5	437.98	AGM 6	72.45
3318	Metal Loss	Int	4870.65	4843.2	14.92	25.06	39.98	1400	AGM 5	438.18	AGM 6	72.26
3319	Metal Loss	Int	4870.88	4843.4	15.15	24.83	39.98	1400	AGM 5	438.40	AGM 6	72.03
3320	Metal Loss	Int	4871.36	4843.8	15.63	24.35	39.98	1400	AGM 5	438.88	AGM 6	71.55
3321	Metal Loss	Int	4871.42	4843.9	15.69	24.29	39.98	1400	AGM 5	438.94	AGM 6	71.49
3322	Metal Loss	Int	4871.62	4844.1	15.88	24.09	39.98	1400	AGM 5	439.14	AGM 6	71.30
3323	Metal Loss	Int	4871.94	4844.3	16.20	23.78	39.98	1400	AGM 5	439.46	AGM 6	70.98
3324	Metal Loss	Int	4872.25	4844.6	16.51	23.46	39.98	1400	AGM 5	439.77	AGM 6	70.67
3325	Metal Loss	Int	4872.31	4844.7	16.58	23.40	39.98	1400	AGM 5	439.83	AGM 6	70.60
3326	Metal Loss	Int	4872.45	4844.8	16.71	23.26	39.98	1400	AGM 5	439.97	AGM 6	70.47
3327	Metal Loss	Int	4872.47	4844.8	16.73	23.24	39.98	1400	AGM 5	439.99	AGM 6	70.44
3328	Metal Loss	Int	4872.81	4845.1	17.07	22.91	39.98	1400	AGM 5	440.33	AGM 6	70.11
3329	Cluster	Int	4873.08	4845.4	17.34	22.63	39.98	1400	AGM 5	440.60	AGM 6	69.83
3330	Metal Loss	Int	4873.17	4845.5	17.44	22.54	39.98	1400	AGM 5	440.69	AGM 6	69.74
3331	Metal Loss	Int	4873.29	4845.6	17.56	22.42	39.98	1400	AGM 5	440.82	AGM 6	69.62
3332	Metal Loss	Int	4873.40	4845.7	17.66	22.31	39.98	1400	AGM 5	440.92	AGM 6	69.51
3333	Metal Loss	Int	4873.42	4845.7	17.68	22.29	39.98	1400	AGM 5	440.94	AGM 6	69.49
3334	Cluster	Int	4873.57	4845.8	17.84	22.14	39.98	1400	AGM 5	441.09	AGM 6	69.34
3335	Metal Loss	Int	4873.70	4845.9	17.96	22.01	39.98	1400	AGM 5	441.22	AGM 6	69.22
3336	Metal Loss	Int	4874.02	4846.2	18.29	21.69	39.98	1400	AGM 5	441.55	AGM 6	68.89
3337	Metal Loss	Int	4874.08	4846.3	18.35	21.63	39.98	1400	AGM 5	441.61	AGM 6	68.83
3338	Metal Loss	Int	4874.13	4846.3	18.39	21.59	39.98	1400	AGM 5	441.65	AGM 6	68.79
3339	Cluster	Int	4874.13	4846.3	18.40	21.58	39.98	1400	AGM 5	441.66	AGM 6	68.78
3340	Metal Loss	Int	4874.14	4846.3	18.40	21.57	39.98	1400	AGM 5	441.66	AGM 6	68.78
3341	Metal Loss	Int	4874.53	4846.7	18.80	21.18	39.98	1400	AGM 5	442.06	AGM 6	68.38
3342	Metal Loss	Int	4874.69	4846.9	18.96	21.02	39.98	1400	AGM 5	442.21	AGM 6	68.22
3343	Metal Loss	Int	4874.71	4846.9	18.98	21.00	39.98	1400	AGM 5	442.23	AGM 6	68.20
3344	Metal Loss	Int	4875.07	4847.2	19.33	20.64	39.98	1400	AGM 5	442.59	AGM 6	67.84
3345	Metal Loss	Int	4875.52	4847.6	19.79	20.19	39.98	1400	AGM 5	443.05	AGM 6	67.39
3346	Metal Loss	Int	4875.77	4847.8	20.03	19.94	39.98	1400	AGM 5	443.29	AGM 6	67.14
3347	Metal Loss	Int	4876.13	4848.2	20.39	19.58	39.98	1400	AGM 5	443.65	AGM 6	66.78
3348	Metal Loss	Int	4876.21	4848.2	20.48	19.50	39.98	1400	AGM 5	443.73	AGM 6	66.70
3349	Metal Loss	Int	4876.34	4848.4	20.61	19.37	39.98	1400	AGM 5	443.87	AGM 6	66.57
3350	Metal Loss	Int	4876.41	4848.4	20.68	19.30	39.98	1400	AGM 5	443.93	AGM 6	66.50
3351	Metal Loss	Int	4876.48	4848.5	20.75	19.23	39.98	1400	AGM 5	444.00	AGM 6	66.43
3352	Metal Loss	Int	4876.56	4848.6	20.83	19.15	39.98	1400	AGM 5	444.08	AGM 6	66.35
3353	Metal Loss	Int	4876.86	4848.8	21.13	18.85	39.98	1400	AGM 5	444.39	AGM 6	66.05
3354	Metal Loss	Int	4876.88	4848.8	21.14	18.83	39.98	1400	AGM 5	444.40	AGM 6	66.03
3355	Metal Loss	Int	4876.89	4848.9	21.15	18.83	39.98	1400	AGM 5	444.41	AGM 6	66.03
3356	Metal Loss	Int	4876.93	4848.9	21.20	18.78	39.98	1400	AGM 5	444.46	AGM 6	65.98
3357	Metal Loss	Int	4877.16	4849.1	21.42	18.55	39.98	1400	AGM 5	444.68	AGM 6	65.76
3358	Metal Loss	Int	4877.45	4849.4	21.71	18.26	39.98	1400	AGM 5	444.97	AGM 6	65.47
3359	Metal Loss	Int	4877.66	4849.6	21.92	18.06	39.98	1400	AGM 5	445.18	AGM 6	65.26
3360	Metal Loss	Int	4877.67	4849.6	21.94	18.04	39.98	1400	AGM 5	445.20	AGM 6	65.24
3361	Metal Loss	Int	4877.75	4849.6	22.02	17.96	39.98	1400	AGM 5	445.27	AGM 6	65.16
3362	Metal Loss	Int	4877.85	4849.7	22.11	17.86	39.98	1400	AGM 5	445.37	AGM 6	65.06
3363	Metal Loss	Int	4877.95	4849.8	22.22	17.76	39.98	1400	AGM 5	445.47	AGM 6	64.96
3364	Metal Loss	Int	4878.14	4850.0	22.40	17.57	39.98	1400	AGM 5	445.66	AGM 6	64.77
3365	Cluster	Int	4878.25	4850.1	22.52	17.46	39.98	1400	AGM 5	445.77	AGM 6	64.66
3366	Metal Loss	Int	4878.49	4850.3	22.76	17.22	39.98	1400	AGM 5	446.01	AGM 6	64.42
3367	Metal Loss	Int	4878.55	4850.4	22.82	17.16	39.98	1400	AGM 5	446.07	AGM 6	64.36
3368	Cluster	Int	4878.57	4850.4	22.83	17.15	39.98	1400	AGM 5	446.09	AGM 6	64.35
3369	Metal Loss	Int	4878.67	4850.5	22.93	17.04	39.98	1400	AGM 5	446.19	AGM 6	64.25
3370	Metal Loss	Int	4878.87	4850.7	23.13	16.84	39.98	1400	AGM 5	446.39	AGM 6	64.04
3371	Metal Loss	Int	4879.07	4850.8	23.33	16.64	39.98	1400	AGM 5	446.59	AGM 6	63.84
3372	Metal Loss	Int	4879.09	4850.9	23.35	16.62	39.98	1400	AGM 5	446.61	AGM 6	63.83
3373	Metal Loss	Int	4879.16	4850.9	23.43	16.55	39.98	1400	AGM 5	446.69	AGM 6	63.75
3374	Metal Loss	Int	4879.26	4851.0	23.52	16.46	39.98	1400	AGM 5	446.78	AGM 6	63.66
3375	Metal Loss	Int	4879.27	4851.0	23.54	16.44	39.98	1400	AGM 5	446.79	AGM 6	63.64
3376	Metal Loss	Int	4879.33	4851.1	23.60	16.38	39.98	1400	AGM 5	446.86	AGM 6	63.58
3377	Metal Loss	Int	4879.69	4851.4	23.95	16.02	39.98	1400	AGM 5	447.21	AGM 6	63.22
3378	Metal Loss	Int	4879.74	4851.5	24.01	15.97	39.98	1400	AGM 5	447.26	AGM 6	63.17
3379	Metal Loss	Int	4879.80	4851.5	24.07	15.91	39.98	1400	AGM 5	447.33	AGM 6	63.11
3380	Metal Loss	Int	4880.11	4851.8	24.38	15.60	39.98	1400	AGM 5	447.63	AGM 6	62.80
3381	Metal Loss	Int	4880.30	4852.0	24.57	15.41	39.98	1400	AGM 5	447.82	AGM 6	62.61
3382	Metal Loss	Int	4880.50	4852.1	24.77	15.21	39.98	1400	AGM 5	448.03	AGM 6	62.41
3383	Metal Loss	Int	4880.59	4852.2	24.85	15.13	39.98	1400	AGM 5	448.11	AGM 6	62.33
3384	Metal Loss	Int	4880.82	4852.4	25.08	14.90	39.98	1400	AGM 5	448.34	AGM 6	62.10
3385	Cluster	Int	4880.94	4852.5	25.20	14.77	39.98	1400	AGM 5	448.46	AGM 6	61.97
3386	Metal Loss	Int	4881.13	4852.7	25.40	14.58	39.98	1400	AGM 5	448.65	AGM 6	61.78
3387	Metal Loss	Int	4881.19	4852.8	25.46	14.52	39.98	1400	AGM 5	448.71	AGM 6	61.72
3388	Metal Loss	Int	4881.32	4852.9	25.58	14.40	39.98	1400	AGM 5	448.84	AGM 6	61.60
3389	Metal Loss	Int	4881.56	4853.1	25.82	14.15	39.98	1400	AGM 5	449.08	AGM 6	61.36
3390	Metal Loss	Int	4882.00	4853.5	26.26	13.71	39.98	1400	AGM 5	449.52	AGM 6	60.92
3391	Metal Loss	Int	4882.34	4853.8	26.60	13.37	39.98	1400	AGM 5	449.86	AGM 6	60.57
3392	Metal Loss	Int	4882.41	4853.9	26.68	13.30	39.98	1400	AGM 5	449.94	AGM 6	60.50
3393	Metal Loss	Int	4882.59	4854.0	26.85	13.12	39.98	1400	AGM 5	450.11	AGM 6	60.32
3394	Metal Loss	Int	4883.03	4854.5	27.30	12.68	39.98	1400	AGM 5	450.56	AGM 6	59.88
3395	Metal Loss	Int	4883.05	4854.5	27.31	12.66	39.98	1400	AGM 5	450.57	AGM 6	59.86
3396	Metal Loss	Int	4883.31	4854.7	27.57	12.40	39.98	1400	AGM 5	450.83	AGM 6	59.60
3397	Metal Loss	Int	4883.34	4854.7	27.61	12.37	39.98	1400	AGM 5	450.87	AGM 6	59.57
3398	Metal Loss	Int	4883.75	4855.1	28.01	11.96	39.98	1400	AGM 5	451.27	AGM 6	59.16
3399	Metal Loss	Int	4883.87	4855.2	28.13	11.84	39.98	1400	AGM 5	451.39	AGM 6	59.04
3400	Metal Loss	Int	4883.91	4855.3	28.18	11.80	39.98	1400	AGM 5	451.43	AGM 6	59.00
3401	Metal Loss	Int	4884.17	4855.5	28.44	11.54	39.98	1400	AGM 5	451.70	AGM 6	58.74
3402	Metal Loss	Int	4884.28	4855.6	28.55	11.43	39.98	1400	AGM 5	451.81	AGM 6	58.63
3403	Cluster	Int	4884.31	4855.6	28.57	11.40	39.98	1400	AGM 5	451.83	AGM 6	58.61
3404	Metal Loss	Int	4884.46	4855.8	28.73	11.25	39.98	1400	AGM 5	451.99	AGM 6	58.45
3405	Metal Loss	Int	4884.58	4855.9	28.85	11.13	39.98	1400	AGM 5	452.11	AGM 6	58.33
3406	Metal Loss	Int	4884.79	4856.1	29.06	10.92	39.98	1400	AGM 5	452.32	AGM 6	58.12
3407	Metal Loss	Int	4885.19	4856.4	29.45	10.52	39.98	1400	AGM 5	452.71	AGM 6	57.72
3408	Metal Loss	Int	4885.45	4856.7	29.71	10.26	39.98	1400	AGM 5	452.97	AGM 6	57.46
3409	Metal Loss	Int	4885.51	4856.7	29.78	10.20	39.98	1400	AGM 5	453.04	AGM 6	57.40
3410	Cluster	Int	4885.66	4856.8	29.92	10.05	39.98	1400	AGM 5	453.18	AGM 6	57.26
3411	Metal Loss	Int	4885.75	4856.9	30.01	9.96	39.98	1400	AGM 5	453.27	AGM 6	57.16
3412	Metal Loss	Int	4885.94	4857.1	30.20	9.77	39.98	1400	AGM 5	453.46	AGM 6	56.97
3413	Metal Loss	Int	4885.97	4857.1	30.24	9.74	39.98	1400	AGM 5	453.49	AGM 6	56.94
3414	Metal Loss	Int	4886.07	4857.2	30.33	9.64	39.98	1400	AGM 5	453.59	AGM 6	56.85
3415	Metal Loss	Int	4886.12	4857.3	30.38	9.59	39.98	1400	AGM 5	453.64	AGM 6	56.79
3416	Metal Loss	Int	4886.35	4857.5	30.61	9.36	39.98	1400	AGM 5	453.87	AGM 6	56.56
3417	Metal Loss	Int	4886.41	4857.5	30.67	9.31	39.98	1400	AGM 5	453.93	AGM 6	56.51
3418	Metal Loss	Int	4886.42	4857.5	30.69	9.29	39.98	1400	AGM 5	453.94	AGM 6	56.49
3419	Metal Loss	Int	4886.48	4857.6	30.75	9.23	39.98	1400	AGM 5	454.00	AGM 6	56.43
3420	Metal Loss	Int	4886.60	4857.7	30.86	9.11	39.98	1400	AGM 5	454.12	AGM 6	56.31
3421	Cluster	Int	4886.66	4857.8	30.92	9.05	39.98	1400	AGM 5	454.18	AGM 6	56.25
3422	Metal Loss	Int	4886.70	4857.8	30.96	9.01	39.98	1400	AGM 5	454.22	AGM 6	56.22
3423	Metal Loss	Int	4886.95	4858.0	31.22	8.76	39.98	1400	AGM 5	454.47	AGM 6	55.96
3424	Metal Loss	Int	4887.18	4858.2	31.44	8.53	39.98	1400	AGM 5	454.70	AGM 6	55.74
3425	Metal Loss	Int	4887.49	4858.5	31.75	8.23	39.98	1400	AGM 5	455.01	AGM 6	55.43
3426	Metal Loss	Int	4887.63	4858.6	31.89	8.08	39.98	1400	AGM 5	455.15	AGM 6	55.28
3427	Metal Loss	Int	4887.72	4858.7	31.99	7.99	39.98	1400	AGM 5	455.25	AGM 6	55.19
3428	Metal Loss	Int	4887.79	4858.8	32.05	7.92	39.98	1400	AGM 5	455.31	AGM 6	55.13
3429	Metal Loss	Int	4887.82	4858.8	32.08	7.89	39.98	1400	AGM 5	455.34	AGM 6	55.10
3430	Cluster	Int	4888.03	4859.0	32.30	7.68	39.98	1400	AGM 5	455.55	AGM 6	54.88
3431	Metal Loss	Int	4888.08	4859.0	32.34	7.63	39.98	1400	AGM 5	455.60	AGM 6	54.84
3432	Metal Loss	Int	4888.31	4859.3	32.58	7.40	39.98	1400	AGM 5	455.84	AGM 6	54.60
3433	Metal Loss	Int	4888.40	4859.3	32.66	7.31	39.98	1400	AGM 5	455.92	AGM 6	54.51
3434	Metal Loss	Int	4888.64	4859.6	32.90	7.07	39.98	1400	AGM 5	456.16	AGM 6	54.27
3435	Metal Loss	Int	4888.66	4859.6	32.93	7.05	39.98	1400	AGM 5	456.19	AGM 6	54.25
3436	Metal Loss	Int	4888.77	4859.7	33.03	6.94	39.98	1400	AGM 5	456.29	AGM 6	54.14
3437	Metal Loss	Int	4888.89	4859.8	33.16	6.82	39.98	1400	AGM 5	456.42	AGM 6	54.02
3438	Metal Loss	Int	4889.08	4860.0	33.35	6.63	39.98	1400	AGM 5	456.61	AGM 6	53.83
3439	Metal Loss	Int	4889.50	4860.3	33.77	6.21	39.98	1400	AGM 5	457.02	AGM 6	53.41
3440	Metal Loss	Int	4889.71	4860.5	33.98	6.00	39.98	1400	AGM 5	457.23	AGM 6	53.20
3441	Metal Loss	Int	4889.73	4860.6	34.00	5.98	39.98	1400	AGM 5	457.25	AGM 6	53.18
3442	Metal Loss	Int	4889.75	4860.6	34.02	5.96	39.98	1400	AGM 5	457.28	AGM 6	53.16
3443	Cluster	Int	4890.05	4860.8	34.32	5.66	39.98	1400	AGM 5	457.57	AGM 6	52.86
3444	Metal Loss	Int	4890.43	4861.2	34.70	5.28	39.98	1400	AGM 5	457.95	AGM 6	52.48
3445	Metal Loss	Int	4890.53	4861.3	34.79	5.18	39.98	1400	AGM 5	458.05	AGM 6	52.39
3446	Metal Loss	Int	4890.70	4861.4	34.97	5.01	39.98	1400	AGM 5	458.22	AGM 6	52.21
3447	Cluster	Int	4890.71	4861.4	34.98	5.00	39.98	1400	AGM 5	458.24	AGM 6	52.20
3448	Metal Loss	Int	4890.93	4861.6	35.19	4.78	39.98	1400	AGM 5	458.45	AGM 6	51.98
3449	Cluster	Int	4891.01	4861.7	35.27	4.70	39.98	1400	AGM 5	458.53	AGM 6	51.90
3450	Metal Loss	Int	4891.12	4861.8	35.38	4.60	39.98	1400	AGM 5	458.64	AGM 6	51.80
3451	Cluster	Int	4891.27	4862.0	35.53	4.44	39.98	1400	AGM 5	458.79	AGM 6	51.64
3452	Metal Loss	Int	4891.29	4862.0	35.56	4.42	39.98	1400	AGM 5	458.81	AGM 6	51.62
3453	Metal Loss	Int	4891.45	4862.1	35.71	4.26	39.98	1400	AGM 5	458.97	AGM 6	51.46
3454	Metal Loss	Int	4891.59	4862.2	35.85	4.12	39.98	1400	AGM 5	459.11	AGM 6	51.32
3455	Metal Loss	Int	4891.67	4862.3	35.93	4.04	39.98	1400	AGM 5	459.19	AGM 6	51.24
3456	Metal Loss	Int	4891.97	4862.6	36.23	3.74	39.98	1400	AGM 5	459.49	AGM 6	50.94
3457	Cluster	Int	4892.19	4862.8	36.45	3.52	39.98	1400	AGM 5	459.71	AGM 6	50.73
3458	Metal Loss	Int	4892.28	4862.9	36.54	3.43	39.98	1400	AGM 5	459.80	AGM 6	50.63
3459	Metal Loss	Int	4892.53	4863.1	36.80	3.18	39.98	1400	AGM 5	460.06	AGM 6	50.38
3460	Metal Loss	Int	4892.63	4863.2	36.90	3.08	39.98	1400	AGM 5	460.16	AGM 6	50.28
3461	Metal Loss	Int	4892.65	4863.2	36.92	3.06	39.98	1400	AGM 5	460.17	AGM 6	50.26
3462	Metal Loss	Int	4892.76	4863.3	37.03	2.95	39.98	1400	AGM 5	460.28	AGM 6	50.15
3463	Metal Loss	Int	4892.80	4863.3	37.07	2.91	39.98	1400	AGM 5	460.32	AGM 6	50.11

Feature Number	Pipe Specification: Diameter	Nominal Wall Thickness	Measured Wall Thickness	Pipe Grade (SMYS)	Long Seam Orientation	Reported Feature Dimensions: Metal Loss Depth	Metal Loss Depth	Deformation Depth	Deformation Depth	Crack Depth	Crack Depth	Length	Width	Orientation
	(inch)	(inch)	(inch)	(psi)		(%)	(inch)	(%)	(inch)	(%)	(inch)	(inch)	(inch)	(O'clock)
3281	42.000	0.375	0.375	35000		35	0.132					1.971	2.879	6:19
3282	42.000	0.375	0.375	35000		22	0.082					0.315	0.536	6:51
3283	42.000	0.375	0.375	35000		18	0.068					0.695	0.830	6:00
3284	42.000	0.375	0.375	35000		16	0.059					0.589	0.598	6:32
3285	42.000	0.375	0.375	35000		17	0.063					0.467	0.583	6:36
3286	42.000	0.375	0.375	35000		27	0.101					0.842	1.721	6:09
3287	42.000	0.375	0.375	35000		58	0.217					2.268	3.353	5:44
3288	42.000	0.375	0.375	35000		19	0.072					0.466	0.570	5:22
3289	42.000	0.375	0.375	35000		18	0.067					0.688	1.023	6:07
3290	42.000	0.375	0.375	35000		51	0.190					2.238	2.384	4:33
3291	42.000	0.375	0.375	35000		16	0.061					0.684	3.143	5:16
3292	42.000	0.375	0.375	35000		31	0.116					1.408	2.632	6:11
3293	42.000	0.375	0.375	35000		20	0.076					0.632	0.579	5:40
3294	42.000	0.375	0.375	35000		21	0.079					0.463	0.566	3:50
3295	42.000	0.375	0.375	35000		35	0.130					1.254	2.054	4:31
3296	42.000	0.375	0.375	35000		22	0.083					0.671	0.825	6:03
3297	42.000	0.375	0.375	35000		61	0.229					1.494	1.442	5:39
3298	42.000	0.375	0.375	35000		53	0.197					1.695	1.670	4:29
3299	42.000	0.375	0.375	35000		61	0.229					1.952	2.200	5:41
3300	42.000	0.375	0.375	35000		37	0.138					1.389	2.030	4:38
3301	42.000	0.375	0.375	35000		21	0.079					0.466	0.551	5:43
3302	42.000	0.375	0.375	35000		17	0.065					0.469	0.666	5:32
3303	42.000	0.375	0.375	35000		26	0.099					0.843	0.686	5:50
3304	42.000	0.375	0.375	35000		15	0.058					0.873	1.425	8:05
3305	42.000	0.375	0.375	35000		21	0.078					0.545	0.583	5:16
3306	42.000	0.375	0.375	35000		31	0.117					0.620	0.546	6:19
3307	42.000	0.375	0.375	35000		37	0.138					0.907	0.724	5:40
3308	42.000	0.375	0.375	35000		35	0.132					0.523	1.510	5:09
3309	42.000	0.375	0.375	35000		19	0.073					0.838	0.648	5:39
3310	42.000	0.375	0.375	35000		17	0.063					0.931	0.719	5:47
3311	42.000	0.375	0.375	35000		17	0.066					2.137	3.606	8:12
3312	42.000	0.375	0.375	35000		58	0.216					1.468	1.592	4:34
3313	42.000	0.375	0.375	35000		16	0.059					0.366	0.568	6:11
3314	42.000	0.375	0.375	35000		26	0.097					0.674	0.544	5:46
3315	42.000	0.375	0.375	35000		23	0.085					0.315	0.547	5:42
3316	42.000	0.375	0.375	35000		21	0.080					1.110	1.259	4:35
3317	42.000	0.375	0.375	35000		15	0.057					0.315	0.532	8:11
3318	42.000	0.375	0.375	35000		50	0.189					2.544	3.911	5:35
3319	42.000	0.375	0.375	35000		21	0.081					0.443	0.540	8:03
3320	42.000	0.375	0.375	35000		25	0.093					1.533	2.352	5:38
3321	42.000	0.375	0.375	35000		22	0.081					0.867	0.493	5:10
3322	42.000	0.375	0.375	35000		19	0.070					0.592	0.626	3:54
3323	42.000	0.375	0.375	35000		16	0.060					0.450	0.570	5:43
3324	42.000	0.375	0.375	35000		21	0.077					0.446	0.552	4:44
3325	42.000	0.375	0.375	35000		22	0.084					0.869	1.316	6:59
3326	42.000	0.375	0.375	35000		16	0.059					0.816	0.728	3:55
3327	42.000	0.375	0.375	35000		20	0.074					1.077	1.549	4:37
3328	42.000	0.375	0.375	35000		16	0.060					0.500	0.565	6:29
3329	42.000	0.375	0.375	35000		44	0.165					1.842	1.443	5:43
3330	42.000	0.375	0.375	35000		44	0.164					2.504	2.617	4:35
3331	42.000	0.375	0.375	35000		21	0.079					0.416	0.551	5:19
3332	42.000	0.375	0.375	35000		20	0.075					0.402	0.620	8:09
3333	42.000	0.375	0.375	35000		41	0.155					1.666	2.936	5:53
3334	42.000	0.375	0.375	35000		32	0.119					0.891	1.679	5:13
3335	42.000	0.375	0.375	35000		34	0.128					0.700	0.756	5:48
3336	42.000	0.375	0.375	35000		19	0.072					1.134	0.885	5:13
3337	42.000	0.375	0.375	35000		21	0.079					0.640	0.601	6:57
3338	42.000	0.375	0.375	35000		61	0.229					2.067	2.055	4:26
3339	42.000	0.375	0.375	35000		36	0.136					1.573	0.602	5:41
3340	42.000	0.375	0.375	35000		16	0.060					0.350	0.556	8:00
3341	42.000	0.375	0.375	35000		26	0.097					0.660	0.694	5:11
3342	42.000	0.375	0.375	35000		34	0.126					1.057	1.372	8:06
3343	42.000	0.375	0.375	35000		18	0.069					0.466	0.571	7:08
3344	42.000	0.375	0.375	35000		15	0.057					0.594	0.581	8:08
3345	42.000	0.375	0.375	35000		27	0.102					0.707	0.760	8:01
3346	42.000	0.375	0.375	35000		55	0.207					2.095	2.575	5:36
3347	42.000	0.375	0.375	35000		16	0.061					0.315	0.529	5:12
3348	42.000	0.375	0.375	35000		16	0.058					0.515	0.620	4:37
3349	42.000	0.375	0.375	35000		18	0.067					0.496	0.664	8:11
3350	42.000	0.375	0.375	35000		20	0.074					0.438	0.555	6:26
3351	42.000	0.375	0.375	35000		20	0.076					0.361	0.554	6:56
3352	42.000	0.375	0.375	35000		17	0.065					0.738	0.670	8:03
3353	42.000	0.375	0.375	35000		22	0.081					0.716	0.626	6:18
3354	42.000	0.375	0.375	35000		16	0.061					0.476	0.569	8:05
3355	42.000	0.375	0.375	35000		18	0.069					0.536	0.583	6:39
3356	42.000	0.375	0.375	35000		55	0.208					1.806	1.691	4:27
3357	42.000	0.375	0.375	35000		17	0.063					0.530	0.794	8:08
3358	42.000	0.375	0.375	35000		32	0.120					0.674	0.635	8:10
3359	42.000	0.375	0.375	35000		64	0.240					1.547	1.707	4:29
3360	42.000	0.375	0.375	35000		18	0.069					1.112	1.230	5:34
3361	42.000	0.375	0.375	35000		17	0.064					0.632	0.787	5:15
3362	42.000	0.375	0.375	35000		17	0.063					0.338	0.537	8:01
3363	42.000	0.375	0.375	35000		22	0.081					0.320	0.534	5:14
3364	42.000	0.375	0.375	35000		23	0.088					0.852	0.824	3:45
3365	42.000	0.375	0.375	35000		32	0.121					1.301	3.706	5:07
3366	42.000	0.375	0.375	35000		17	0.065					0.445	0.561	6:56
3367	42.000	0.375	0.375	35000		25	0.093					1.056	1.419	5:32
3368	42.000	0.375	0.375	35000		30	0.111					1.026	2.375	4:41
3369	42.000	0.375	0.375	35000		25	0.092					1.090	0.625	6:56
3370	42.000	0.375	0.375	35000		37	0.140					0.955	0.677	5:53
3371	42.000	0.375	0.375	35000		22	0.082					1.290	2.049	5:43
3372	42.000	0.375	0.375	35000		30	0.112					0.926	0.801	4:03
3373	42.000	0.375	0.375	35000		15	0.057					0.354	0.555	7:19
3374	42.000	0.375	0.375	35000		16	0.061					0.835	0.939	5:09
3375	42.000	0.375	0.375	35000		41	0.155					1.404	1.211	5:55
3376	42.000	0.375	0.375	35000		19	0.071					0.425	0.553	8:03
3377	42.000	0.375	0.375	35000		46	0.174					1.264	1.329	4:29
3378	42.000	0.375	0.375	35000		51	0.190					1.438	1.183	5:37
3379	42.000	0.375	0.375	35000		17	0.064					0.368	0.540	5:14
3380	42.000	0.375	0.375	35000		16	0.060					0.670	1.093	6:07
3381	42.000	0.375	0.375	35000		17	0.063					1.280	2.157	5:44
3382	42.000	0.375	0.375	35000		16	0.061					0.456	0.570	8:03
3383	42.000	0.375	0.375	35000		27	0.101					0.672	0.580	5:18
3384	42.000	0.375	0.375	35000		50	0.188					1.374	1.113	4:24
3385	42.000	0.375	0.375	35000		44	0.164					1.642	4.257	5:46
3386	42.000	0.375	0.375	35000		39	0.146					1.197	1.190	6:03
3387	42.000	0.375	0.375	35000		20	0.075					0.363	0.557	6:25
3388	42.000	0.375	0.375	35000		16	0.059					1.039	1.454	8:07
3389	42.000	0.375	0.375	35000		62	0.233					1.469	3.778	5:54
3390	42.000	0.375	0.375	35000		30	0.114					1.323	1.165	5:34
3391	42.000	0.375	0.375	35000		27	0.103					1.370	1.429	5:37
3392	42.000	0.375	0.375	35000		22	0.082					0.531	0.579	6:40
3393	42.000	0.375	0.375	35000		30	0.111					0.807	1.113	5:15
3394	42.000	0.375	0.375	35000		16	0.059					0.747	0.581	8:08
3395	42.000	0.375	0.375	35000		16	0.061					0.538	0.615	5:41
3396	42.000	0.375	0.375	35000		16	0.061					0.543	0.686	8:12
3397	42.000	0.375	0.375	35000		27	0.101					0.831	1.038	3:44
3398	42.000	0.375	0.375	35000		15	0.058					0.570	0.620	3:56
3399	42.000	0.375	0.375	35000		38	0.143					1.275	2.579	5:56
3400	42.000	0.375	0.375	35000		24	0.089					0.852	0.688	4:30
3401	42.000	0.375	0.375	35000		16	0.059					0.678	0.678	4:45
3402	42.000	0.375	0.375	35000		34	0.128					0.642	0.635	5:16
3403	42.000	0.375	0.375	35000		31	0.116					0.973	3.257	5:40
3404	42.000	0.375	0.375	35000		19	0.070					0.479	0.551	7:07
3405	42.000	0.375	0.375	35000		46	0.174					1.279	1.212	6:19
3406	42.000	0.375	0.375	35000		28	0.106					0.756	0.620	5:18
3407	42.000	0.375	0.375	35000		24	0.090					1.143	0.839	7:56
3408	42.000	0.375	0.375	35000		32	0.118					0.541	0.543	6:44
3409	42.000	0.375	0.375	35000		18	0.067					0.441	0.596	8:11
3410	42.000	0.375	0.375	35000		24	0.091					0.874	2.172	5:29
3411	42.000	0.375	0.375	35000		36	0.137					0.530	0.569	8:24
3412	42.000	0.375	0.375	35000		31	0.117					0.787	0.790	5:40
3413	42.000	0.375	0.375	35000		17	0.064					0.388	0.545	4:45
3414	42.000	0.375	0.375	35000		18	0.066					0.623	0.591	7:12
3415	42.000	0.375	0.375	35000		38	0.142					1.394	1.861	6:25
3416	42.000	0.375	0.375	35000		48	0.179					1.108	1.238	6:07
3417	42.000	0.375	0.375	35000		29	0.110					0.422	0.553	7:57
3418	42.000	0.375	0.375	35000		28	0.105					1.113	0.813	5:18
3419	42.000	0.375	0.375	35000		38	0.144					1.291	1.315	6:29
3420	42.000	0.375	0.375	35000		17	0.063					0.315	0.540	5:10
3421	42.000	0.375	0.375	35000		39	0.147					2.036	3.299	5:49
3422	42.000	0.375	0.375	35000		21	0.079					0.547	0.698	3:38
3423	42.000	0.375	0.375	35000		20	0.076					0.315	0.544	8:13
3424	42.000	0.375	0.375	35000		24	0.089					1.355	1.360	6:32
3425	42.000	0.375	0.375	35000		28	0.105					1.595	1.431	5:26
3426	42.000	0.375	0.375	35000		45	0.167					0.935	0.642	5:59
3427	42.000	0.375	0.375	35000		38	0.143					1.234	1.216	4:22
3428	42.000	0.375	0.375	35000		16	0.059					0.363	0.538	7:23
3429	42.000	0.375	0.375	35000		19	0.070					0.602	0.894	6:21
3430	42.000	0.375	0.375	35000		18	0.067					1.569	2.777	8:05
3431	42.000	0.375	0.375	35000		37	0.137					0.747	0.659	5:16
3432	42.000	0.375	0.375	35000		20	0.074					1.358	1.941	5:30
3433	42.000	0.375	0.375	35000		16	0.060					0.601	0.541	6:49
3434	42.000	0.375	0.375	35000		36	0.133					1.234	2.176	5:51
3435	42.000	0.375	0.375	35000		25	0.095					0.915	0.948	5:12
3436	42.000	0.375	0.375	35000		22	0.081					1.055	1.237	6:23
3437	42.000	0.375	0.375	35000		17	0.064					0.423	0.563	7:26
3438	42.000	0.375	0.375	35000		29	0.110					1.825	2.383	5:59
3439	42.000	0.375	0.375	35000		33	0.125					1.004	0.935	5:34
3440	42.000	0.375	0.375	35000		24	0.090					1.653	2.763	4:28
3441	42.000	0.375	0.375	35000		36	0.136					0.991	0.956	5:33
3442	42.000	0.375	0.375	35000		25	0.093					0.388	0.554	6:50
3443	42.000	0.375	0.375	35000		42	0.159					3.241	6.491	5:48
3444	42.000	0.375	0.375	35000		22	0.084					0.380	0.554	8:03
3445	42.000	0.375	0.375	35000		26	0.097					0.885	0.761	4:30
3446	42.000	0.375	0.375	35000		19	0.072					0.345	0.538	8:00
3447	42.000	0.375	0.375	35000		50	0.187					1.333	4.501	5:53
3448	42.000	0.375	0.375	35000		17	0.062					0.333	0.529	8:12
3449	42.000	0.375	0.375	35000		32	0.120					2.175	10.041	5:56
3450	42.000	0.375	0.375	35000		23	0.086					0.496	0.570	8:15
3451	42.000	0.375	0.375	35000		29	0.108					2.590	3.922	6:04
3452	42.000	0.375	0.375	35000		17	0.064					0.813	0.719	4:20
3453	42.000	0.375	0.375	35000		21	0.080					0.767	0.772	4:22
3454	42.000	0.375	0.375	35000		20	0.074					0.506	0.597	3:57
3455	42.000	0.375	0.375	35000		17	0.062					0.387	0.547	6:33
3456	42.000	0.375	0.375	35000		37	0.140					0.840	0.586	5:48
3457	42.000	0.375	0.375	35000		27	0.101					2.170	3.017	5:36
3458	42.000	0.375	0.375	35000		25	0.093					0.955	0.824	8:22
3459	42.000	0.375	0.375	35000		17	0.065					0.635	0.673	5:21
3460	42.000	0.375	0.375	35000		18	0.068					0.730	0.816	4:24
3461	42.000	0.375	0.375	35000		21	0.079					0.422	0.562	3:49
3462	42.000	0.375	0.375	35000		36	0.134					1.190	1.221	5:53
3463	42.000	0.375	0.375	35000		19	0.071					0.416	0.550	4:34

Feature Number	Calculated Values: MOP	Modified B31.G: Modified B31.G P_{BURST}	Modified B31.G P_{SAFE}	Design Pressure (72% SMYS)	FRF: MOP / P_{SAFE}	RPR: P_{BURST} / 100% SMYS	Effective Area: P_{BURST}	Effective Area: P_{SAFE}	Classification: Group Number	Group Category	XYZ Information NAD 83: Latitude	NAD 83: Longitude	NAVD 88: Elevation	Comments	POF classification	Excavation/ Repair Required	SPLC Notes	Tool Type/ Technology
	(psi)	(psi)	(psi)	(psi)			(psi)	(psi)					(feet)			Target/Yes/AGM		
3281	150	780	562	450	0.267	1.249	774	557							General Metal-loss			
3282	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3283	150	802	578	450	0.260	1.284	802	577							Pitting			
3284	150	803	578	450	0.260	1.284	803	578							Pitting			
3285	150	803	578	450	0.260	1.285	803	578							Pitting			
3286	150	800	576	450	0.260	1.280	800	576						CLS C				
3287	150	740	533	450	0.281	1.184	737	531						CLS C				
3288	150	803	578	450	0.260	1.285	803	578							Pitting			
3289	150	802	578	450	0.260	1.284	802	577							Pitting			
3290	150	754	543	450	0.276	1.206	738	531							General Metal-loss			
3291	150	802	578	450	0.260	1.284	802	577						CLS C				
3292	150	793	571	450	0.263	1.269	790	569							General Metal-loss			
3293	150	802	578	450	0.260	1.284	802	577							Pitting			
3294	150	803	578	450	0.260	1.285	803	578							Pitting			
3295	150	794	571	450	0.263	1.270	791	570							General Metal-loss			
3296	150	802	577	450	0.260	1.283	802	577							Pitting			
3297	150	769	554	450	0.271	1.231	754	543							General Metal-loss			
3298	150	771	555	450	0.270	1.233	759	546							General Metal-loss			
3299	150	749	539	450	0.278	1.198	726	523							General Metal-loss			
3300	150	791	569	450	0.264	1.265	787	567							General Metal-loss			
3301	150	803	578	450	0.260	1.285	803	578							Pitting			
3302	150	803	578	450	0.260	1.285	803	578							Pitting			
3303	150	800	576	450	0.260	1.281	800	576							Pitting			
3304	150	802	577	450	0.260	1.283	801	577							Pitting			
3305	150	803	578	450	0.260	1.284	802	577							Pitting			
3306	150	801	577	450	0.260	1.282	801	577							Pitting			
3307	150	798	574	450	0.261	1.276	796	573							Pitting			
3308	150	802	577	450	0.260	1.283	801	577						CLS C				
3309	150	801	577	450	0.260	1.282	801	577							Pitting			
3310	150	801	577	450	0.260	1.282	801	577							Pitting			
3311	150	792	571	450	0.263	1.268	795	572						CLS C				
3312	150	774	557	450	0.269	1.238	762	549							General Metal-loss			
3313	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3314	150	802	577	450	0.260	1.283	801	577							Pitting			
3315	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3316	150	799	576	450	0.260	1.279	798	575							Pitting			
3317	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3318	150	743	535	450	0.280	1.190	724	521							General Metal-loss			
3319	150	803	578	450	0.260	1.285	803	578							Pitting			
3320	150	794	572	450	0.262	1.271	792	570							General Metal-loss			
3321	150	801	577	450	0.260	1.282	800	576							Pitting			
3322	150	803	578	450	0.260	1.284	802	577							Pitting			
3323	150	803	578	450	0.260	1.285	803	578							Pitting			
3324	150	803	578	450	0.260	1.285	803	578							Pitting			
3325	150	801	577	450	0.260	1.281	800	576							Pitting			
3326	150	802	577	450	0.260	1.283	802	577							Pitting			
3327	150	800	576	450	0.260	1.280	799	575							Pitting			
3328	150	803	578	450	0.260	1.285	803	578							Pitting			
3329	150	775	558	450	0.269	1.240	788	567						CLS C				
3330	150	756	545	450	0.275	1.210	743	535							General Metal-loss			
3331	150	803	578	450	0.260	1.285	803	578							Pitting			
3332	150	803	578	450	0.260	1.285	803	578							Pitting			
3333	150	782	563	450	0.266	1.251	776	559							General Metal-loss			
3334	150	799	575	450	0.261	1.278	798	575						CLS C				
3335	150	800	576	450	0.260	1.281	800	576							Pitting			
3336	150	800	576	450	0.260	1.280	799	575							Pitting			
3337	150	802	578	450	0.260	1.283	802	577							Pitting			
3338	150	743	535	450	0.280	1.189	719	518							General Metal-loss			
3339	150	787	567	450	0.265	1.260	794	572						CLS C				
3340	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3341	150	802	577	450	0.260	1.283	801	577							Pitting			
3342	150	797	574	450	0.261	1.275	795	572							Pitting			
3343	150	803	578	450	0.260	1.285	803	578							Pitting			
3344	150	803	578	450	0.260	1.284	803	578							Pitting			
3345	150	801	577	450	0.260	1.282	801	577							Pitting			
3346	150	752	541	450	0.277	1.203	733	528							General Metal-loss			
3347	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3348	150	803	578	450	0.260	1.285	803	578							Pitting			
3349	150	803	578	450	0.260	1.285	803	578							Pitting			
3350	150	803	578	450	0.260	1.285	803	578							Pitting			
3351	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3352	150	802	577	450	0.260	1.283	802	577							Pitting			
3353	150	802	577	450	0.260	1.283	801	577							Pitting			
3354	150	803	578	450	0.260	1.285	803	578							Pitting			
3355	150	803	578	450	0.260	1.284	803	578							Pitting			
3356	150	763	550	450	0.273	1.221	748	539							General Metal-loss			
3357	150	803	578	450	0.260	1.285	803	578							Pitting			
3358	150	801	577	450	0.260	1.281	800	576							Pitting			
3359	150	763	549	450	0.273	1.221	745	536							General Metal-loss			
3360	150	800	576	450	0.260	1.280	799	575							Pitting			
3361	150	802	578	450	0.260	1.284	802	577							Pitting			
3362	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3363	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3364	150	801	577	450	0.260	1.281	800	576							Pitting			
3365	150	794	572	450	0.262	1.270	792	570						CLS C				
3366	150	803	578	450	0.260	1.285	803	578							Pitting			
3367	150	799	575	450	0.261	1.278	798	575							Pitting			
3368	150	798	575	450	0.261	1.277	798	575						CLS C				
3369	150	799	575	450	0.261	1.278	798	575							Pitting			
3370	150	797	574	450	0.261	1.275	795	572							Pitting			
3371	150	798	574	450	0.261	1.277	797	574							General Metal-loss			
3372	150	799	575	450	0.261	1.278	798	575							Pitting			
3373	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3374	150	802	577	450	0.260	1.283	801	577							Pitting			
3375	150	788	567	450	0.265	1.261	783	564							General Metal-loss			
3376	150	803	578	450	0.260	1.285	803	578							Pitting			
3377	150	788	567	450	0.265	1.261	783	564							General Metal-loss			
3378	150	781	562	450	0.267	1.249	773	557							General Metal-loss			
3379	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3380	150	802	578	450	0.260	1.284	802	577							Pitting			
3381	150	799	576	450	0.260	1.279	799	575							General Metal-loss			
3382	150	803	578	450	0.260	1.285	803	578							Pitting			
3383	150	801	577	450	0.260	1.282	801	577							Pitting			
3384	150	783	564	450	0.266	1.253	776	559							Pitting			
3385	150	781	562	450	0.267	1.249	778	560						CLS C				
3386	150	793	571	450	0.263	1.269	790	569							General Metal-loss			
3387	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3388	150	801	577	450	0.260	1.282	800	576							Pitting			
3389	150	769	554	450	0.271	1.230	754	543							General Metal-loss			
3390	150	794	572	450	0.262	1.271	792	570							Pitting			
3391	150	795	572	450	0.262	1.272	793	571							General Metal-loss			
3392	150	803	578	450	0.260	1.284	802	577							Pitting			
3393	150	800	576	450	0.260	1.280	799	575							Pitting			
3394	150	802	578	450	0.260	1.284	802	577							Pitting			
3395	150	803	578	450	0.260	1.285	803	578							Pitting			
3396	150	803	578	450	0.260	1.285	803	578							Pitting			
3397	150	800	576	450	0.260	1.281	800	576							Pitting			
3398	150	803	578	450	0.260	1.284	803	578							Pitting			
3399	150	792	570	450	0.263	1.267	789	568							General Metal-loss			
3400	150	801	577	450	0.260	1.281	800	576							Pitting			
3401	150	802	578	450	0.260	1.284	802	577							Pitting			
3402	150	801	577	450	0.260	1.281	800	576							Pitting			
3403	150	798	575	450	0.261	1.277	797	574						CLS C				
3404	150	803	578	450	0.260	1.285	803	578							Pitting			
3405	150	788	567	450	0.265	1.260	783	564							General Metal-loss			
3406	150	801	577	450	0.260	1.281	800	576							Pitting			
3407	150	798	575	450	0.261	1.278	797	574							Pitting			
3408	150	802	577	450	0.260	1.283	801	577							Pitting			
3409	150	803	578	450	0.260	1.285	803	578							Pitting			
3410	150	800	576	450	0.260	1.281	800	576						CLS C				
3411	150	802	577	450	0.260	1.283	801	577							Pitting			
3412	150	800	576	450	0.260	1.280	799	575							Pitting			
3413	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3414	150	802	578	450	0.260	1.284	802	577							Pitting			
3415	150	790	569	450	0.264	1.264	786	566							General Metal-loss			
3416	150	791	569	450	0.264	1.265	787	567							Pitting			
3417	150	803	578	450	0.260	1.284	802	577							Pitting			
3418	150	798	574	450	0.261	1.276	796	573							Pitting			
3419	150	791	570	450	0.263	1.266	788	567							General Metal-loss			
3420	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3421	150	775	558	450	0.269	1.240	775	558						CLS C				
3422	150	803	578	450	0.260	1.284	802	577							Pitting			
3423	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3424	150	797	574	450	0.261	1.275	795	572							General Metal-loss			
3425	150	792	570	450	0.263	1.267	789	568							General Metal-loss			
3426	150	795	573	450	0.262	1.273	793	571							Pitting			
3427	150	793	571	450	0.263	1.268	789	568							General Metal-loss			
3428	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3429	150	802	578	450	0.260	1.284	802	577							Pitting			
3430	150	797	574	450	0.261	1.275	799	575						CLS C				
3431	150	800	576	450	0.260	1.279	799	575							Pitting			
3432	150	798	575	450	0.261	1.277	797	574							General Metal-loss			
3433	150	803	578	450	0.260	1.284	802	577							Pitting			
3434	150	794	571	450	0.263	1.270	791	570							General Metal-loss			
3435	150	800	576	450	0.260	1.280	799	575							Pitting			
3436	150	800	576	450	0.260	1.280	799	575							Pitting			
3437	150	803	578	450	0.260	1.285	803	578							Pitting			
3438	150	788	567	450	0.265	1.260	784	564							General Metal-loss			
3439	150	797	574	450	0.261	1.276	796	573							Pitting			
3440	150	793	571	450	0.263	1.269	791	570							General Metal-loss			
3441	150	797	574	450	0.261	1.275	795	572							Pitting			
3442	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3443	150	737	531	450	0.282	1.179	753	542						CLS C				
3444	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3445	150	800	576	450	0.260	1.280	799	575							Pitting			
3446	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3447	150	784	565	450	0.265	1.255	782	563						CLS C				
3448	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3449	150	779	561	450	0.267	1.247	780	562						CLS C				
3450	150	803	578	450	0.260	1.284	802	577							Pitting			
3451	150	776	558	450	0.269	1.241	769	554						CLS C				
3452	150	802	577	450	0.260	1.283	801	577							Pitting			
3453	150	802	577	450	0.260	1.282	801	577							Pitting			
3454	150	803	578	450	0.260	1.284	803	578							Pitting			
3455	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3456	150	798	575	450	0.261	1.278	797	574							Pitting			
3457	150	784	565	450	0.265	1.255	783	564						CLS C				
3458	150	800	576	450	0.260	1.280	799	575							Pitting			
3459	150	802	578	450	0.260	1.284	802	577							Pitting			
3460	150	802	577	450	0.260	1.283	802	577							Pitting			
3461	150	803	578	450	0.260	1.285	803	578							Pitting			
3462	150	794	572	450	0.262	1.271	792	570							General Metal-loss			
3463	150	803	578	450	0.260	1.285	803	578							Pitting			

Reported Feature Reference													Pipe Specification					Reported Feature Dimensions									Calculated Values								Classification		XYZ Information								
									Upstream (U/S) Reference		Downstream (D/S) Reference																	Modified B31.G		Design	FRF	RPR	Effective Area				NAD 83		NAVD 88					
Feature Number (sequential order)	Pipeline Feature	INT/ EXT (ID/OD)	Odometer	Station Number	Distance to U/S weld	Distance to D/S weld	Joint Length	Defect Joint Number	Name	Distance from:	Name	Distance to:	Diameter	Nominal Wall Thickness	Measured Wall Thickness	Pipe Grade (SMYS)	Long Seam Orientation	Metal Loss Depth	Metal Loss Depth	Deformation Depth	Deformation Depth	Crack Depth	Crack Depth	Length	Width	Orientation	MOP	Modified B31.G P_{BURST}	Modified B31.G P_{SAFE}	Pressure (72% SMYS)	MOP / P_{SAFE}	P_{BURST} / 100% SMYS	P_{BURST}	P_{SAFE}	Group Number	Group Category	Latitude	Longitude	Elevation	Comments	POF classification	Excavation/ Repair Required	SPLC Notes	Tool Type/ Technology
			(feet)	(feet)	(feet)	(feet)	(feet)			(feet)		(feet)	(inch)	(inch)	(inch)	(psi)		(%)	(inch)	(%)	(inch)	(%)	(inch)	(inch)	(inch)	(O'clock)	(psi)	(psi)	(psi)	(psi)			(psi)	(psi)					(feet)			Target/Yes/AGM		
3464	Metal Loss	Int	4893.07	4863.6	37.33	2.64	39.98	1400	AGM 5	460.59	AGM 6	49.84	42.000	0.375	0.375	35000		23	0.086					0.530	0.580	4:26	150	803	578	450	0.260	1.284	802	577							Pitting			
3465	Metal Loss	Int	4893.09	4863.6	37.35	2.62	39.98	1400	AGM 5	460.61	AGM 6	49.82	42.000	0.375	0.375	35000		21	0.079					0.977	0.764	6:21	150	800	576	450	0.260	1.281	800	576							Pitting			
3466	Cluster	Int	4893.14	4863.7	37.40	2.57	39.98	1400	AGM 5	460.66	AGM 6	49.78	42.000	0.375	0.375	35000		23	0.087					1.561	2.869	5:51	150	795	572	450	0.262	1.271	793	571						CLS C				
3467	Cluster	Int	4893.32	4863.8	37.59	2.39	39.98	1400	AGM 5	460.85	AGM 6	49.59	42.000	0.375	0.375	35000		32	0.119					2.149	1.193	6:14	150	780	562	450	0.267	1.248	790	569						CLS C				
3468	Metal Loss	Int	4893.33	4863.8	37.60	2.38	39.98	1400	AGM 5	460.86	AGM 6	49.58	42.000	0.375	0.375	35000		54	0.203					0.797	1.023	5:55	150	795	572	450	0.262	1.272	792	570							Pitting			
3469	Metal Loss	Int	4893.37	4863.9	37.63	2.34	39.98	1400	AGM 5	460.89	AGM 6	49.54	42.000	0.375	0.375	35000		18	0.067					0.592	0.639	7:17	150	803	578	450	0.260	1.284	802	577							Pitting			
3470	Metal Loss	Int	4893.39	4863.9	37.65	2.32	39.98	1400	AGM 5	460.91	AGM 6	49.52	42.000	0.375	0.375	35000		17	0.064					0.368	0.555	3:50	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3471	Metal Loss	Int	4893.61	4864.1	37.87	2.10	39.98	1400	AGM 5	461.13	AGM 6	49.30	42.000	0.375	0.375	35000		16	0.060					0.966	0.932	4:24	150	801	577	450	0.260	1.282	801	577							Pitting			
3472	Cluster	Int	4893.85	4864.3	38.12	1.86	39.98	1400	AGM 5	461.37	AGM 6	49.06	42.000	0.375	0.375	35000		17	0.065					0.968	2.542	5:30	150	801	577	450	0.260	1.282	801	577						CLS C				
3473	Metal Loss	Int	4893.89	4864.3	38.15	1.82	39.98	1400	AGM 5	461.41	AGM 6	49.03	42.000	0.375	0.375	35000		19	0.072					0.338	0.545	4:32	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3474	Metal Loss	Int	4893.98	4864.4	38.24	1.73	39.98	1400	AGM 5	461.50	AGM 6	48.94	42.000	0.375	0.375	35000		16	0.059					0.494	0.581	4:04	150	803	578	450	0.260	1.285	803	578							Pitting			
3475	Metal Loss	Int	4894.27	4864.7	38.54	1.44	39.98	1400	AGM 5	461.79	AGM 6	48.64	42.000	0.375	0.375	35000		17	0.065					0.574	0.543	6:56	150	803	578	450	0.260	1.284	802	577							Pitting			
3476	Metal Loss	Int	4894.30	4864.7	38.57	1.41	39.98	1400	AGM 5	461.83	AGM 6	48.61	42.000	0.375	0.375	35000		24	0.091					0.623	0.570	5:03	150	802	577	450	0.260	1.283	802	577							Pitting			
3477	Metal Loss	Int	4894.34	4864.7	38.60	1.37	39.98	1400	AGM 5	461.86	AGM 6	48.58	42.000	0.375	0.375	35000		28	0.105					0.909	2.173	5:54	150	800	576	450	0.260	1.279	799	575							Circumferential Grooving			
3478	Metal Loss	Int	4894.54	4864.9	38.80	1.18	39.98	1400	AGM 5	462.06	AGM 6	48.38	42.000	0.375	0.375	35000		65	0.243					1.276	1.208	5:39	150	774	558	450	0.269	1.239	761	548							General Metal-loss			
3479	Metal Loss	Int	4894.56	4865.0	38.83	1.15	39.98	1400	AGM 5	462.08	AGM 6	48.35	42.000	0.375	0.375	35000		22	0.084					0.461	0.566	8:07	150	803	578	450	0.260	1.284	803	578							Pitting			
3480	Metal Loss	Int	4894.59	4865.0	38.86	1.12	39.98	1400	AGM 5	462.11	AGM 6	48.32	42.000	0.375	0.375	35000		16	0.061					0.319	0.524	7:28	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3481	Metal Loss	Int	4894.70	4865.1	38.96	1.01	39.98	1400	AGM 5	462.22	AGM 6	48.21	42.000	0.375	0.375	35000		17	0.064					0.606	1.013	4:01	150	803	578	450	0.260	1.284	802	577							Pitting			
3482	Metal Loss	Int	4894.87	4865.2	39.14	0.84	39.98	1400	AGM 5	462.39	AGM 6	48.04	42.000	0.375	0.375	35000		24	0.090					0.718	1.062	5:41	150	801	577	450	0.260	1.282	801	577							Pitting			
3483	Metal Loss	Int	4894.89	4865.3	39.16	0.82	39.98	1400	AGM 5	462.42	AGM 6	48.02	42.000	0.375	0.375	35000		72	0.271					1.263	0.886	4:22	150	767	552	450	0.272	1.227	745	536	1	a					Pitting			
3484	Metal Loss	Int	4894.99	4865.3	39.25	0.72	39.98	1400	AGM 5	462.51	AGM 6	47.92	42.000	0.375	0.375	35000		38	0.143					1.329	1.482	6:29	150	791	569	450	0.264	1.266	787	567							General Metal-loss			
3485	Metal Loss	Int	4895.11	4865.5	39.37	0.60	39.98	1400	AGM 5	462.63	AGM 6	47.80	42.000	0.375	0.375	35000		33	0.122					0.919	1.292	5:48	150	799	575	450	0.261	1.278	797	574							Pitting			
3486	Metal Loss	Int	4895.43	4865.7	39.70	0.28	39.98	1400	AGM 5	462.95	AGM 6	47.48	42.000	0.375	0.375	35000		19	0.072					1.292	1.985	6:27	150	799	575	450	0.261	1.278	798	575							General Metal-loss			
3487	Metal Loss	Int	4895.48	4865.8	39.75	0.23	39.98	1400	AGM 5	463.00	AGM 6	47.43	42.000	0.375	0.375	35000		57	0.214					1.563	4.666	5:53	150	771	555	450	0.270	1.233	758	546	3	f.3				Near GWD	General Metal-loss			
3488	Girth Weld		4895.71	4866.0	39.98	12.81	12.81	1410	AGM 5	463.23	AGM 6	47.20	42.000	0.375	0.375	35000											150																	
3489	Metal Loss	Int	4896.47	4866.7	0.76	12.05	12.81	1410	AGM 5	464.00	AGM 6	46.44	42.000	0.375	0.375	35000		21	0.077					0.556	0.532	6:52	150	803	578	450	0.260	1.284	802	577							Pitting			
3490	Cluster	Int	4896.73	4866.9	1.01	11.79	12.81	1410	AGM 5	464.25	AGM 6	46.19	42.000	0.375	0.375	35000		64	0.238					1.452	2.591	6:08	150	768	553	450	0.271	1.229	756	544						CLS C				
3491	Metal Loss	Int	4896.88	4867.1	1.17	11.64	12.81	1410	AGM 5	464.40	AGM 6	46.03	42.000	0.375	0.375	35000		17	0.066					0.381	0.553	4:01	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3492	Metal Loss	Int	4897.07	4867.2	1.36	11.45	12.81	1410	AGM 5	464.59	AGM 6	45.84	42.000	0.375	0.375	35000		31	0.117					0.951	0.783	5:51	150	799	575	450	0.261	1.278	797	574							Pitting			
3493	Metal Loss	Int	4897.13	4867.3	1.42	11.39	12.81	1410	AGM 5	464.65	AGM 6	45.78	42.000	0.375	0.375	35000		42	0.159					0.903	1.208	6:17	150	796	573	450	0.262	1.274	794	572							Pitting			
3494	Metal Loss	Int	4897.18	4867.3	1.47	11.34	12.81	1410	AGM 5	464.70	AGM 6	45.73	42.000	0.375	0.375	35000		24	0.089					0.644	0.599	7:20	150	802	577	450	0.260	1.283	802	577							Pitting			
3495	Metal Loss	Int	4897.34	4867.5	1.63	11.18	12.81	1410	AGM 5	464.86	AGM 6	45.57	42.000	0.375	0.375	35000		20	0.077					1.106	0.533	5:09	150	800	576	450	0.260	1.279	799	575							Axial Grooving			
3496	Cluster	Int	4897.73	4867.8	2.02	10.79	12.81	1410	AGM 5	465.25	AGM 6	45.18	42.000	0.375	0.375	35000		18	0.066					1.144	2.506	5:13	150	800	576	450	0.260	1.280	799	575						CLS C				
3497	Metal Loss	Int	4898.17	4868.2	2.46	10.35	12.81	1410	AGM 5	465.70	AGM 6	44.74	42.000	0.375	0.375	35000		22	0.081					1.167	0.618	5:55	150	799	575	450	0.261	1.278	798	575							Pitting			
3498	Cluster	Int	4898.41	4868.5	2.70	10.10	12.81	1410	AGM 5	465.94	AGM 6	44.50	42.000	0.375	0.375	35000		45	0.169					1.630	2.654	6:07	150	780	561	450	0.267	1.248	777	559						CLS C				
3499	Metal Loss	Int	4898.63	4868.7	2.92	9.89	12.81	1410	AGM 5	466.15	AGM 6	44.28	42.000	0.375	0.375	35000		27	0.102					0.733	0.635	5:16	150	801	577	450	0.260	1.282	800	576							Pitting			
3500	Metal Loss	Int	4898.81	4868.8	3.10	9.71	12.81	1410	AGM 5	466.33	AGM 6	44.10	42.000	0.375	0.375	35000		27	0.100					0.917	1.017	6:46	150	800	576	450	0.260	1.280	799	575							Pitting			
3501	Metal Loss	Int	4898.92	4868.9	3.21	9.60	12.81	1410	AGM 5	466.44	AGM 6	43.99	42.000	0.375	0.375	35000		17	0.064					0.420	0.818	6:11	150	803	578	450	0.260	1.285	803	578							Pitting			
3502	Metal Loss	Int	4898.97	4869.0	3.26	9.55	12.81	1410	AGM 5	466.49	AGM 6	43.95	42.000	0.375	0.375	35000		21	0.078					0.606	0.649	8:08	150	802	578	450	0.260	1.284	802	577							Pitting			
3503	Metal Loss	Int	4899.02	4869.0	3.31	9.50	12.81	1410	AGM 5	466.54	AGM 6	43.89	42.000	0.375	0.375	35000		15	0.057					0.629	0.668	6:50	150	803	578	450	0.260	1.284	802	577							Pitting			
3504	Metal Loss	Int	4899.10	4869.1	3.39	9.42	12.81	1410	AGM 5	466.62	AGM 6	43.82	42.000	0.375	0.375	35000		17	0.064					0.644	0.608	5:29	150	802	578	450	0.260	1.284	802	577							Pitting			
3505	Cluster	Int	4899.29	4869.3	3.58	9.23	12.81	1410	AGM 5	466.81	AGM 6	43.63	42.000	0.375	0.375	35000		19	0.070					0.720	1.283	6:57	150	802	577	450	0.260	1.283	802	577						CLS C				
3506	Metal Loss	Int	4899.78	4869.7	4.07	8.74	12.81	1410	AGM 5	467.30	AGM 6	43.13	42.000	0.375	0.375	35000		17	0.062					0.648	0.621	5:57	150	802	578	450	0.260	1.284	802	577							Pitting			
3507	Metal Loss	Int	4899.92	4869.8	4.21	8.59	12.81	1410	AGM 5	467.45	AGM 6	42.99	42.000	0.375	0.375	35000		22	0.081					0.612	0.638	5:32	150	802	578	450	0.260	1.284	802	577							Pitting			
3508	Metal Loss	Int	4900.33	4870.2	4.62	8.19	12.81	1410	AGM 5	467.85	AGM 6	42.59	42.000	0.375	0.375	35000		24	0.089					0.675	0.745	5:20	150	802	577	450	0.260	1.283	801	577							Pitting			
3509	Metal Loss	Int	4900.44	4870.3	4.73	8.08	12.81	1410	AGM 5	467.96	AGM 6	42.47	42.000	0.375	0.375	35000		16	0.058					0.615	0.603	7:21	150	803	578	450	0.260	1.284	802	577							Pitting			
3510	Metal Loss	Int	4900.54	4870.4	4.83	7.98	12.81	1410	AGM 5	468.06	AGM 6	42.37	42.000	0.375	0.375	35000		28	0.104					0.647	0.582	7:04	150	802	577	450	0.260	1.282	801	577							Pitting			
3511	Metal Loss	Int	4900.70	4870.5	4.99	7.81	12.81	1410	AGM 5	468.23	AGM 6	42.21	42.000	0.375	0.375	35000		21	0.079					0.616	0.837	6:45	150	802	578	450	0.260	1.284	802	577							Pitting			
3512	Metal Loss	Int	4901.56	4871.3	5.85	6.96	12.81	1410	AGM 5	469.08	AGM 6	41.35	42.000	0.375	0.375	35000		43	0.162					0.975	0.961	5:56	150	795	572	450	0.262	1.272	793	571							Pitting			
3513	Metal Loss	Int	4902.00	4871.7	6.29	6.52	12.81	1410	AGM 5	469.52	AGM 6	40.91	42.000	0.375	0.375	35000		33	0.123					0.539	0.650	6:07	150	802	577	450	0.260	1.283	801	577							Pitting			
3514	Metal Loss	Int	4902.19	4871.9	6.48	6.33	12.81	1410	AGM 5	469.71	AGM 6	40.72	42.000	0.375	0.375	35000		32	0.119					0.991	0.911	6:27	150	798	575	450	0.261	1.277	797	574							Pitting			
3515	Cluster	Int	4902.27	4872.0	6.56	6.25	12.81	1410	AGM 5	469.79	AGM 6	40.64	42.000	0.375	0.375	35000		20	0.076					1.023	2.878	5:17	150	800	576	450	0.260	1.280	800	576						CLS C				
3516	Metal Loss	Int	4902.55	4872.2	6.84	5.97	12.81	1410	AGM 5	470.07	AGM 6	40.37	42.000	0.375	0.375	35000		23	0.087					0.572	0.957	5:51	150	802	578	450	0.260	1.284	802	577							Pitting			
3517	Metal Loss	Int	4902.80	4872.5	7.09	5.72	12.81	1410	AGM 5	470.33	AGM 6	40.11	42.000	0.375	0.375	35000		29	0.110					0.945	0.769	5:50	150	799	575	450	0.261	1.278	798	575							Pitting			
3518	Metal Loss	Int	4903.67	4873.2	7.96	4.85	12.81	1410	AGM 5	471.19	AGM 6	39.25	42.000	0.375	0.375	35000		25	0.093					0.372	0.535	8:04	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3519	Metal Loss	Int	4903.76	4873.3	8.05	4.76	12.81	1410	AGM 5	471.28	AGM 6	39.15	42.000	0.375	0.375	35000		15	0.056					1.484	2.029	5:54	150	799	575	450	0.261	1.278	798	575							General Metal-loss			
3520	Metal Loss	Int	4904.76	4874.2	9.05	3.76	12.81	1410	AGM 5	472.28	AGM 6	38.15	42.000	0.375	0.375	35000		18	0.069					0.599	0.619	8:04	150	803	578	450	0.260	1.284	802	577							Pitting			
3521	Metal Loss	Int	4904.90	4874.4	9.19	3.62	12.81	1410	AGM 5	472.43	AGM 6	38.01	42.000	0.375	0.375	35000		23	0.086					1.214	0.943	5:50	150	798	575	450	0.261	1.277	797	574							Pitting			
3522	Metal Loss	Int	4906.35	4875.7	10.64	2.17	12.81	1410	AGM 5	473.88	AGM 6	36.56	42.000	0.375	0.375	35000		23	0.088					0.584	0.583	6:43	150	802	578	450	0.260	1.284	802	577							Pitting			
3523	Girth Weld		4908.52	4877.7	12.81	5.29	5.29	1420	AGM 5	476.04	AGM 6	34.39	42.000	0.375	0.375	35000											150																	
3524	Metal Loss	Int	4910.18	4879.2	1.66	3.63	5.29	1420	AGM 5	477.70	AGM 6	32.73	42.000	0.375	0.375	35000		22	0.084					2.241	1.582	8:12	150	788	567	450	0.265	1.260	784	564							General Metal-loss			
3525	Metal Loss	Int	4910.52	4879.5	2.00	3.29	5.29	1420	AGM 5	478.04	AGM 6	32.40	42.000	0.375	0.375	35000		18	0.067					1.658	1.015	8:14	150	796	573	450	0.262	1.274	795	572							Pitting			
3526	Bend		4911.15	4880.1	2.63	2.66	5.29	1420	AGM 5	478.67	AGM 6	31.76	42.000	0.375	0.375	35000								61.403			150													Sag Forged Bend				
3527	Girth Weld		4913.81	4882.5	5.29	4.82	4.82	1430	AGM 5	481.33	AGM 6	29.10	42.000	0.375	0.375	35000											150																	
3528	Bend		4916.22	4884.7	2.41	2.41	4.82	1430	AGM 5	483.74	AGM 6	26.69	42.000	0.375	0.375	35000								55.406			150													Over Forged Bend				
3529	Girth Weld		4918.63	4886.9	4.82	40.36	40.36	1440	AGM 5	486.15	AGM 6	24.28	42.000	0.375	0.375	35000											150																	
3530	Metal Loss	Int	4931.24	4898.4	12.61	27.75	40.36	1440	AGM 5	498.76	AGM 6	11.68	42.000	0.375	0.375	35000		18	0.068					0.546	0.593	4:41	150	803	578	450	0.260	1.284	803	578							Pitting			
3531	Metal Loss	Int	4931.56	4898.7	12.93	27.42	40.36	1440	AGM 5	499.08	AGM 6	11.35	42.000	0.375	0.375	35000		31	0.116					0.433	0.557	7:29	150	803	578	450	0.260	1.284	802	577							Pitting			
3532	Metal Loss	Int	4935.01	4901.8	16.38	23.97	40.36	1440	AGM 5	502.53	AGM 6	7.90	42.000	0.375	0.375	35000		19	0.072					0.343	0.552	6:55	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3533	Metal Loss	Int	4936.06	4902.8	17.43	22.93	40.36	1440	AGM 5	503.58	AGM 6	6.86	42.000	0.375	0.375	35000		21	0.077					0.518	0.542	7:28	150	803	578	450	0.260	1.284	802	577							Pitting			
3534	Above Ground Marker		4942.91	4909.0	24.28	16.07	40.36	1440	AGM 5	510.43	AGM 7	714.93	42.000	0.375	0.375	35000											150													AGM # 6 Sta 49+09				
3535	Metal Loss	Int	4954.80	4921.4	36.17	4.18	40.36	1440	AGM 6	11.89	AGM 7	703.05	42.000	0.375	0.375	35000		21	0.078					0.451	0.558	4:25	150	803	578	450	0.260	1.285	803	578							Pitting			
3536	Girth Weld		4958.98	4925.8	40.36	37.05	37.05	1450	AGM 6	16.07	AGM 7	698.86	42.000	0.375	0.375	35000											150																	
3537	Metal Loss	Int	4961.71	4928.7	2.73	34.32	37.05	1450	AGM 6	18.80	AGM 7	696.13	42.000	0.375	0.375	35000		15	0.057					0.747	0.609	4:30	150	802	578	450	0.260	1.284	802	577							Pitting			
3538	Metal Loss	Int	4967.63	4934.9	8.64	28.41	37.05	1450	AGM 6	24.71	AGM 7	690.22	42.000	0.375	0.375	35000		15	0.056					0.491	0.569	4:37	150	803	578	450	0.260	1.285	803	578							Pitting			
3539	Metal Loss	Int	4971.01	4938.4	12.03	25.03	37.05	1450	AGM 6	28.10	AGM 7	686.84	42.000	0.375	0.375	35000		16	0.059					0.632	0.598	6:03	150	803	578	450	0.260	1.284	802	577							Pitting			
3540	Girth Weld		4996.04	4964.6	37.05	40.36	40.36	1460	AGM 6	53.12	AGM 7	661.81	42.000	0.375	0.375	35000											150																	
3541	Metal Loss	Int	4996.60	4965.2	0.57	39.79	40.36	1460	AGM 6	53.69	AGM 7	661.24	42.000	0.375	0.375	35000		20	0.076					0.825	0.582	8:21	150	801	577	450	0.260	1.282	801	577							Pitting			
3542	Metal Loss	Int	5011.23	4980.5	15.19	25.17	40.36	1460	AGM 6	68.31	AGM 7	646.62	42.000	0.375	0.375	35000		16	0.058					0.370	0.558	7:28	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3543	Metal Loss	Int	5012.27	4981.6	16.23	24.13	40.36	1460	AGM 6	69.36	AGM 7	645.58	42.000	0.375	0.375	35000		16	0.060					0.315	0.536	7:26	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3544	Metal Loss	Int	5017.45	4987.0	21.42	18.95	40.36	1460	AGM 6	74.54	AGM 7	640.40	42.000	0.375	0.375	35000		15	0.056					0.436	0.554	4:34	150	803	578	450	0.260	1.285	803	578							Pitting			
3545	Metal Loss	Int	5021.53	4991.3	25.50	14.86	40.36	1460	AGM 6	78.62	AGM 7	636.31	42.000	0.375	0.375	35000		22	0.082					0.337	0.527	6:52	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3546	Metal Loss	Int	5024.53	4994.4	28.49	11.87	40.36	1460	AGM 6	81.62	AGM 7	633.32	42.000	0.375	0.375	35000		16	0.061					1.025	0.543	4:34	150	801	577	450	0.260	1.282	800	576							Pitting			
3547	Metal Loss	Int	5028.48	4998.5	32.45	7.92	40.36	1460	AGM 6	85.57	AGM 7	629.37	42.000	0.375	0.375	35000		23	0.087					0.315	0.544	4:35	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3548	Metal Loss	Int	5031.42	5001.6	35.39	4.97	40.36	1460	AGM 6	88.51	AGM 7	626.42	42.000	0.375	0.375	35000		20	0.076					0.525	0.580	4:32	150	803	578	450	0.260	1.284	802	577							Pitting			
3549	Metal Loss	Int	5032.83	5003.1	36.80	3.57	40.36	1460	AGM 6	89.92	AGM 7	625.02	42.000	0.375	0.375	35000		15	0.058					0.388	0.556	7:25	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3550	Metal Loss	Int	5033.09	5003.4	37.06	3.31	40.36	1460	AGM 6	90.18	AGM 7	624.76	42.000	0.375	0.375	35000		15	0.058					0.595	0.583	7:20	150	803	578	450	0.260	1.284	803	578							Pitting			
3551	Girth Weld		5036.40	5006.8	40.36	39.58	39.58	1470	AGM 6	93.49	AGM 7	621.45	42.000	0.375	0.375	35000											150																	
3552	Metal Loss	Int	5052.46	5023.6	16.07	23.51	39.58	1470	AGM 6	109.55	AGM 7	605.38	42.000	0.375	0.375	35000		19	0.070					0.474	0.551	7:25	150	803	578	450	0.260	1.285	803	578							Pitting			
3553	Girth Weld		5075.98	5048.2	39.58	39.54	39.54	1480	AGM 6	133.07	AGM 7	581.87	42.000	0.375	0.375	35000											150																	
3554	Metal Loss	Int	5088.39	5061.2	12.41	27.13	39.54	1480	AGM 6	145.47	AGM 7	569.46	42.000	0.375	0.375	35000		20	0.076					0.970	0.497	4:40	150	801	576	450	0.260	1.281	800	576							Pitting			
3555	Metal Loss	Int	5096.33	5069.5	20.35	19.19	39.54	1480	AGM 6	153.42	AGM 7	561.52	42.000	0.375	0.375	35000		16	0.061					0.384	0.544	4:36	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3556	Metal Loss	Int	5105.10	5078.7	29.13	10.42	39.54	1480	AGM 6	162.19	AGM 7	552.74	42.000	0.375	0.375	35000		15	0.057					0.687	0.539	4:27	150	802	578	450	0.260	1.284	802	577							Pitting			
3557	Girth Weld		5115.52	5089.6	39.54	40.70	40.70	1490	AGM 6	172.61	AGM 7	542.33	42.000	0.375	0.375	35000											150																	
3558	Metal Loss	Int	5127.47	5102.1	11.95	28.75	40.70	1490	AGM 6	184.56	AGM 7	530.37	42.000	0.375	0.375	35000		25	0.093					0.537	0.537	4:40	150	802	578	450	0.260	1.284	802	577							Pitting			
3559	Metal Loss	Int	5143.33	5118.7	27.81	12.89	40.70	1490	AGM 6	200.42	AGM 7	514.52	42.000	0.375	0.375	35000		16	0.059					0.315	0.535	6:00	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3560	Girth Weld		5156.22	5132.2	40.70	40.70	40.70	1500	AGM 6	213.31	AGM 7	501.62	42.000	0.375	0.375	35000											150																	
3561	Metal Loss	Int	5162.92	5139.2	6.70	34.01	40.70	1500	AGM 6	220.01	AGM 7	494.93	42.000	0.375	0.375	35000		18	0.068					0.572	0.547	7:47	150	803	578	450	0.260	1.284	802	577							Pitting			
3562	Metal Loss	Int	5173.09	5149.8	16.87	23.83	40.70	1500	AGM 6	230.18	AGM 7	484.75	42.000	0.375	0.375	35000		29	0.107					1.072	0.649	5:57	150	798	574	450	0.261	1.277	797	574							Pitting			
3563	Metal Loss	Int	5178.04	5155.0	21.81	18.89	40.70	1500	AGM 6	235.13	AGM 7	479.81	42.000	0.375	0.375	35000		31	0.117					0.649	0.787	6:17	150	801	577	450	0.260	1.282	801	577							Pitting			
3564	Metal Loss	Int	5179.94	5157.0	23.72	16.99	40.70	1500	AGM 6	237.03	AGM 7	477.91	42.000	0.375	0.375	35000		34	0.126					1.147	0.867	6:03	150	796	573	450	0.262	1.273	793	571							Pitting			
3565	Metal Loss	Int	5182.26	5159.4	26.03	14.67	40.70	1500	AGM 6	239.35	AGM 7	475.59	42.000	0.375	0.375	35000		56	0.212					1.119	1.026	5:58	150	786	566	450	0.265	1.258	779	561							Pitting			
3566	Metal Loss	Int	5189.34	5166.8	33.11	7.59	40.70	1500	AGM 6	246.42	AGM 7	468.51	42.000	0.375	0.375	35000		41	0.153					1.237	1.011	6:01	150	791	570	450	0.263	1.266	788	567							Pitting			
3567	Metal Object		5189.41	5166.9	33.19	7.52	40.70	1500	AGM 6	246.50	AGM 7	468.44	42.000	0.375	0.375	35000								2.795	3.152	11:08	150													Close Metal Object				
3568	Metal Loss	Int	5190.58	5168.1	34.36	6.34	40.70	1500	AGM 6	247.67	AGM 7	467.26	42.000	0.375	0.375	35000		26	0.097					0.890	0.865	5:57	150	800	576	450	0.260	1.280	799	575							Pitting			
3569	Metal Loss	Int	5191.52	5169.1	35.30	5.41	40.70	1500	AGM 6	248.61	AGM 7	466.33	42.000	0.375	0.375	35000		31	0.115					1.169	1.531	5:59	150	796	573	450	0.262	1.274	794	572							Pitting			
3570	Metal Loss	Int	5193.80	5171.5	37.58	3.13	40.70	1500	AGM 6	250.89	AGM 7	464.05	42.000	0.375	0.375	35000		48	0.180					1.429	1.748	6:01	150	783	564	450	0.266	1.253	776	559							General Metal-loss			
3571	Metal Loss	Int	5194.29	5172.0	38.07	2.64	40.70	1500	AGM 6	251.38	AGM 7	463.56	42.000	0.375	0.375	35000		26	0.096					1.039	1.098	6:40	150	799	575	450	0.261	1.278	798	575							Pitting			
3572	Metal Loss	Int	5195.64	5173.4	39.42	1.29	40.70	1500	AGM 6	252.73	AGM 7	462.21	42.000	0.375	0.375	35000		15	0.057					0.740	0.596	6:00	150	802	578	450	0.260	1.284	802	577							Pitting			
3573	Girth Weld		5196.93	5174.8	40.70	40.40	40.40	1510	AGM 6	254.01	AGM 7	460.92	42.000	0.375	0.375	35000											150																	
3574	Cluster	Int	5198.19	5176.1	1.26	39.14	40.40	1510	AGM 6	255.27	AGM 7	459.66	42.000	0.375	0.375	35000		21	0.079					1.849	1.721	6:07	150	793	571	450	0.263	1.269	794	572						CLS C				
3575	Cluster	Int	5198.65	5176.6	1.72	38.68	40.40	1510	AGM 6	255.73	AGM 7	459.20	42.000	0.375	0.375	35000		29	0.108					3.874	0.849	6:05	150	753	542	450	0.277	1.205	774	557						CLS C				
3576	Metal Loss	Int	5199.36	5177.3	2.44	37.96	40.40	1510	AGM 6	256.45	AGM 7	458.48	42.000	0.375	0.375	35000		16	0.061					0.887	0.724	5:57	150	802	577	450	0.260	1.283	801	577							Pitting			
3577	Metal Loss	Int	5199.69	5177.7	2.76	37.63	40.40	1510	AGM 6	256.78	AGM 7	458.16	42.000	0.375	0.375	35000		16	0.061					0.625	0.557	5:58	150	803	578	450	0.260	1.284	802	577							Pitting			
3578	Metal Loss	Int	5200.17	5178.2	3.24	37.16	40.40	1510	AGM 6	257.25	AGM 7	457.68	42.000	0.375	0.375	35000		23	0.086					0.888	0.683	5:54	150	801	576	450	0.260	1.281	800	576							Pitting			
3579	Metal Loss	Int	5200.46	5178.5	3.53	36.86	40.40	1510	AGM 6	257.55	AGM 7	457.39	42.000	0.375	0.375	35000		25	0.093					0.946	0.961	5:57	150	800	576	450	0.260	1.280	799	575							Pitting			
3580	Metal Loss	Int	5200.72	5178.7	3.79	36.60	40.40	1510	AGM 6	257.81	AGM 7	457.12	42.000	0.375	0.375	35000		21	0.079					1.067	0.854	5:58	150	800	576	450	0.260	1.280	799	575							Pitting			
3581	Metal Loss	Int	5201.23	5179.3	4.30	36.10	40.40	1510	AGM 6	258.31	AGM 7	456.62	42.000	0.375	0.375	35000		40	0.150					1.142	0.727	6:09	150	793	571	450	0.263	1.269	790	569							Pitting			
3582	Metal Loss	Int	5201.42	5179.5	4.50	35.90	40.40	1510	AGM 6	258.51	AGM 7	456.42	42.000	0.375	0.375	35000		21	0.079					1.003	0.776	5:52	150	800	576	450	0.260	1.280	799	575							Pitting			
3583	Metal Loss	Int	5202.46	5180.6	5.53	34.86	40.40	1510	AGM 6	259.55	AGM 7	455.39	42.000	0.375	0.375	35000		15	0.057					0.785	0.513	6:07	150	802	578	450	0.260	1.283	802	577							Pitting			
3584	Metal Loss	Int	5202.75	5180.9	5.83	34.57	40.40	1510	AGM 6	259.84	AGM 7	455.09	42.000	0.375	0.375	35000		26	0.096					0.827	0.754	6:00	150	801	576	450	0.260	1.281	800	576							Pitting			
3585	Metal Loss	Int	5203.47	5181.6	6.54	33.86	40.40	1510	AGM 6	260.55	AGM 7	454.38	42.000	0.375	0.375	35000		25	0.093					0.825	0.798	5:50	150	801	577	450	0.260	1.281	800	576							Pitting			
3586	Metal Loss	Int	5203.83	5182.0	6.90	33.49	40.40	1510	AGM 6	260.92	AGM 7	454.02	42.000	0.375	0.375	35000		17	0.062					0.703	0.726	5:52	150	802	578	450	0.260	1.284	802	577							Pitting			
3587	Metal Loss	Int	5205.76	5184.0	8.83	31.57	40.40	1510	AGM 6	262.84	AGM 7	452.09	42.000	0.375	0.375	35000		21	0.078					1.325	0.883	3:01	150	798	574	450	0.261	1.277	797	574							Pitting			
3588	Metal Loss	Int	5206.07	5184.3	9.14	31.25	40.40	1510	AGM 6	263.16	AGM 7	451.78	42.000	0.375	0.375	35000		27	0.102					1.264	1.457	6:03	150	796	573	450	0.262	1.274	795	572							General Metal-loss			
3589	Cluster	Int	5208.27	5186.6	11.34	29.05	40.40	1510	AGM 6	265.36	AGM 7	449.58	42.000	0.375	0.375	35000		24	0.092					2.658	3.152	5:58	150	780	561	450	0.267	1.248	787	567						CLS C				
3590	Metal Loss	Int	5208.59	5187.0	11.66	28.73	40.40	1510	AGM 6	265.68	AGM 7	449.26	42.000	0.375	0.375	35000		30	0.113					0.933	1.143	6:01	150	799	575	450	0.261	1.278	798	575							Pitting			
3591	Metal Loss	Int	5209.20	5187.6	12.28	28.12	40.40	1510	AGM 6	266.29	AGM 7	448.64	42.000	0.375	0.375	35000		22	0.082					0.733	0.718	5:50	150	802	577	450	0.260	1.283	801	577							Pitting			
3592	Metal Loss	Int	5209.37	5187.8	12.44	27.95	40.40	1510	AGM 6	266.46	AGM 7	448.48	42.000	0.375	0.375	35000		20	0.076					0.703	0.593	6:03	150	802	577	450	0.260	1.283	802	577							Pitting			
3593	Cluster	Int	5210.33	5188.8	13.40	26.99	40.40	1510	AGM 6	267.42	AGM 7	447.52	42.000	0.375	0.375	35000		27	0.103					1.448	2.599	6:06	150	794	572	450	0.262	1.271	794	572						CLS C				
3594	Metal Loss	Int	5210.55	5189.0	13.62	26.77	40.40	1510	AGM 6	267.64	AGM 7	447.30	42.000	0.375	0.375	35000		27	0.103					0.958	1.002	5:51	150	799	575	450	0.261	1.279	798	575							Pitting			
3595	Metal Loss	Int	5211.29	5189.8	14.37	26.03	40.40	1510	AGM 6	268.38	AGM 7	446.55	42.000	0.375	0.375	35000		38	0.141					0.590	0.537	6:09	150	801	577	450	0.260	1.282	800	576							Pitting			
3596	Metal Loss	Int	5212.29	5190.8	15.37	25.03	40.40	1510	AGM 6	269.38	AGM 7	445.55	42.000	0.375	0.375	35000		19	0.070					0.888	1.029	6:02	150	801	577	450	0.260	1.282	801	577							Pitting			
3597	Metal Loss	Int	5213.12	5191.7	16.19	24.20	40.40	1510	AGM 6	270.21	AGM 7	444.73	42.000	0.375	0.375	35000		25	0.095					0.966	0.841	6:12	150	800	576	450	0.260	1.279	799	575							Pitting			
3598	Metal Loss	Int	5213.77	5192.4	16.84	23.55	40.40	1510	AGM 6	270.86	AGM 7	444.07	42.000	0.375	0.375	35000		21	0.080					0.884	0.745	6:06	150	801	577	450	0.260	1.281	800	576							Pitting			
3599	Metal Loss	Int	5214.88	5193.5	17.95	22.44	40.40	1510	AGM 6	271.97	AGM 7	442.97	42.000	0.375	0.375	35000		17	0.063					0.741	0.913	6:03	150	802	578	450	0.260	1.283	802	577							Pitting			
3600	Cluster	Int	5215.59	5194.3	18.66	21.73	40.40	1510	AGM 6	272.68	AGM 7	442.26	42.000	0.375	0.375	35000		34	0.127					1.674	2.728	6:00	150	787	567	450	0.265	1.259	783	564						CLS C				
3601	Metal Loss	Int	5217.23	5196.0	20.30	20.09	40.40	1510	AGM 6	274.32	AGM 7	440.62	42.000	0.375	0.375	35000		37	0.139					0.866	0.794	6:00	150	798	575	450	0.261	1.277	797	574							Pitting			
3602	Metal Loss	Int	5219.71	5198.6	22.79	17.61	40.40	1510	AGM 6	276.80	AGM 7	438.13	42.000	0.375	0.375	35000		27	0.101					0.499	0.557	5:56	150	802	578	450	0.260	1.284	802	577							Pitting			
3603	Metal Loss	Int	5221.10	5200.1	24.17	16.22	40.40	1510	AGM 6	278.19	AGM 7	436.75	42.000	0.375	0.375	35000		20	0.076					0.784	0.695	5:22	150	802	577	450	0.260	1.282	801	577							Pitting			
3604	Metal Loss	Int	5221.87	5200.9	24.94	15.46	40.40	1510	AGM 6	278.95	AGM 7	435.98	42.000	0.375	0.375	35000		23	0.085					0.779	0.573	5:22	150	801	577	450	0.260	1.282	801	577							Pitting			
3605	Metal Loss	Int	5221.89	5200.9	24.96	15.43	40.40	1510	AGM 6	278.98	AGM 7	435.96	42.000	0.375	0.375	35000		22	0.083					0.955	1.290	6:06	150	800	576	450	0.260	1.280	800	576							Pitting			
3606	Cluster	Int	5222.89	5201.9	25.96	14.44	40.40	1510	AGM 6	279.97	AGM 7	434.96	42.000	0.375	0.375	35000		42	0.158					1.760	2.376	5:59	150	779	561	450	0.267	1.246	778	560						CLS C				
3607	Metal Loss	Int	5224.18	5203.3	27.25	13.14	40.40	1510	AGM 6	281.27	AGM 7	433.67	42.000	0.375	0.375	35000		18	0.067					0.682	0.610	5:59	150	802	578	450	0.260	1.284	802	577							Pitting			
3608	Metal Loss	Int	5224.64	5203.8	27.71	12.68	40.40	1510	AGM 6	281.73	AGM 7	433.21	42.000	0.375	0.375	35000		15	0.056					0.718	0.522	5:58	150	802	578	450	0.260	1.284	802	577							Pitting			
3609	Metal Loss	Int	5225.22	5204.4	28.29	12.11	40.40	1510	AGM 6	282.30	AGM 7	432.63	42.000	0.375	0.375	35000		37	0.138					1.473	2.280	5:58	150	789	568	450	0.264	1.262	785	565							General Metal-loss			
3610	Metal Loss	Int	5225.27	5204.4	28.34	12.05	40.40	1510	AGM 6	282.36	AGM 7	432.58	42.000	0.375	0.375	35000		33	0.122					1.024	1.031	5:20	150	797	574	450	0.261	1.276	796	573							Pitting			
3611	Metal Loss	Int	5226.00	5205.2	29.08	11.32	40.40	1510	AGM 6	283.09	AGM 7	431.84	42.000	0.375	0.375	35000		17	0.062					0.981	1.041	6:07	150	801	577	450	0.260	1.282	801	577							Pitting			
3612	Metal Loss	Int	5227.21	5206.4	30.28	10.12	40.40	1510	AGM 6	284.29	AGM 7	430.64	42.000	0.375	0.375	35000		21	0.078					1.168	0.758	6:01	150	799	575	450	0.261	1.278	798	575							Pitting			
3613	Metal Loss	Int	5227.54	5206.8	30.61	9.78	40.40	1510	AGM 6	284.63	AGM 7	430.31	42.000	0.375	0.375	35000		27	0.102					1.045	3.658	6:02	150	799	575	450	0.261	1.278	797	574							Circumferential Grooving			
3614	Metal Loss	Int	5228.49	5207.8	31.56	8.83	40.40	1510	AGM 6	285.58	AGM 7	429.36	42.000	0.375	0.375	35000		20	0.074					1.118	0.984	6:01	150	800	576	450	0.260	1.280	799	575							Pitting			
3615	Metal Loss	Int	5229.19	5208.5	32.26	8.13	40.40	1510	AGM 6	286.28	AGM 7	428.66	42.000	0.375	0.375	35000		48	0.179					1.405	1.267	5:58	150	784	564	450	0.266	1.254	777	559							General Metal-loss			
3616	Metal Loss	Int	5230.87	5210.3	33.95	6.45	40.40	1510	AGM 6	287.96	AGM 7	426.97	42.000	0.375	0.375	35000		23	0.085					0.575	0.594	6:15	150	802	578	450	0.260	1.284	802	577							Pitting			
3617	Metal Loss	Int	5231.40	5210.8	34.47	5.92	40.40	1510	AGM 6	288.49	AGM 7	426.45	42.000	0.375	0.375	35000		30	0.114					1.145	0.708	5:44	150	797	574	450	0.261	1.275	795	572							Pitting			
3618	Metal Loss	Int	5235.91	5215.5	38.98	1.41	40.40	1510	AGM 6	293.00	AGM 7	421.94	42.000	0.375	0.375	35000		23	0.085					0.502	0.580	6:04	150	803	578	450	0.260	1.284	802	577							Pitting			
3619	Metal Loss	Int	5237.31	5217.0	40.38	0.01	40.40	1510	AGM 6	294.40	AGM 7	420.54	42.000	0.375	0.375	35000		23	0.087					0.315	0.509	5:49	150	803	578	450	0.260	1.285	803	578						On GWD	Circumferential Slotting			
3620	Girth Weld		5237.32	5217.0	40.40	40.78	40.78	1520	AGM 6	294.41	AGM 7	420.52	42.000	0.375	0.375	35000											150																	
3621	Metal Loss	Int	5237.32	5217.0	0.00	40.78	40.78	1520	AGM 6	294.41	AGM 7	420.52	42.000	0.375	0.375	35000		35	0.133					0.613	0.579	6:16	150	801	577	450	0.260	1.282	800	576						On GWD	Pitting			
3622	Metal Loss	Int	5237.82	5217.5	0.50	40.28	40.78	1520	AGM 6	294.91	AGM 7	420.03	42.000	0.375	0.375	35000		38	0.142					1.252	0.939	5:57	150	792	571	450	0.263	1.268	789	568							Pitting			
3623	Metal Loss	Int	5238.14	5217.9	0.81	39.96	40.78	1520	AGM 6	295.22	AGM 7	419.71	42.000	0.375	0.375	35000		23	0.086					1.001	1.613	5:24	150	800	576	450	0.260	1.280	799	575							Pitting			
3624	Metal Loss	Int	5238.75	5218.5	1.43	39.35	40.78	1520	AGM 6	295.84	AGM 7	419.10	42.000	0.375	0.375	35000		30	0.112					1.305	2.033	6:04	150	795	572	450	0.262	1.272	793	571							General Metal-loss			
3625	Metal Loss	Int	5240.59	5220.4	3.27	37.51	40.78	1520	AGM 6	297.68	AGM 7	417.25	42.000	0.375	0.375	35000		16	0.060					1.074	1.996	6:03	150	801	577	450	0.260	1.281	800	576							Pitting			
3626	Metal Loss	Int	5241.32	5221.2	3.99	36.78	40.78	1520	AGM 6	298.40	AGM 7	416.53	42.000	0.375	0.375	35000		16	0.060					0.346	0.535	6:21	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3627	Metal Loss	Int	5243.76	5223.8	6.43	34.34	40.78	1520	AGM 6	300.84	AGM 7	414.09	42.000	0.375	0.375	35000		22	0.081					0.923	1.164	6:03	150	801	576	450	0.260	1.281	800	576							Pitting			
3628	Metal Loss	Int	5246.81	5227.0	9.49	31.29	40.78	1520	AGM 6	303.90	AGM 7	411.04	42.000	0.375	0.375	35000		32	0.120					1.529	1.891	6:08	150	791	569	450	0.264	1.265	788	567							General Metal-loss			
3629	Metal Loss	Int	5248.57	5228.8	11.25	29.53	40.78	1520	AGM 6	305.66	AGM 7	409.28	42.000	0.375	0.375	35000		18	0.066					1.394	1.833	6:03	150	798	575	450	0.261	1.277	797	574							General Metal-loss			
3630	Metal Loss	Int	5251.79	5232.2	14.46	26.31	40.78	1520	AGM 6	308.87	AGM 7	406.06	42.000	0.375	0.375	35000		19	0.073					1.030	0.828	6:16	150	800	576	450	0.260	1.281	800	576							Pitting			
3631	Metal Loss	Int	5252.45	5232.9	15.13	25.65	40.78	1520	AGM 6	309.54	AGM 7	405.39	42.000	0.375	0.375	35000		20	0.075					0.611	0.532	7:41	150	802	578	450	0.260	1.284	802	577							Pitting			
3632	Metal Loss	Int	5263.01	5243.9	25.69	15.09	40.78	1520	AGM 6	320.10	AGM 7	394.84	42.000	0.375	0.375	35000		19	0.072					0.498	0.547	7:32	150	803	578	450	0.260	1.284	803	578							Pitting			
3633	Metal Loss	Int	5265.66	5246.7	28.34	12.44	40.78	1520	AGM 6	322.75	AGM 7	392.19	42.000	0.375	0.375	35000		16	0.060					0.627	0.603	5:19	150	803	578	450	0.260	1.284	802	577							Pitting			
3634	Metal Loss	Int	5268.29	5249.4	30.97	9.81	40.78	1520	AGM 6	325.38	AGM 7	389.55	42.000	0.375	0.375	35000		26	0.096					0.878	0.507	4:38	150	800	576	450	0.260	1.280	799	575							Pitting			
3635	Metal Loss	Int	5270.32	5251.6	33.00	7.78	40.78	1520	AGM 6	327.41	AGM 7	387.53	42.000	0.375	0.375	35000		19	0.072					0.663	0.597	5:11	150	802	578	450	0.260	1.284	802	577							Pitting			
3636	Girth Weld		5278.10	5259.7	40.78	40.64	40.64	1530	AGM 6	335.19	AGM 7	379.75	42.000	0.375	0.375	35000											150																	
3637	Metal Loss	Int	5285.66	5267.6	7.56	33.08	40.64	1530	AGM 6	342.75	AGM 7	372.18	42.000	0.375	0.375	35000		42	0.156					0.633	0.618	6:46	150	800	576	450	0.260	1.280	799	575							Pitting			
3638	Metal Loss	Int	5293.29	5275.6	15.19	25.45	40.64	1530	AGM 6	350.38	AGM 7	364.56	42.000	0.375	0.375	35000		16	0.059					0.657	0.534	4:35	150	803	578	450	0.260	1.284	802	577							Pitting			
3639	Metal Loss	Int	5298.38	5280.9	20.28	20.37	40.64	1530	AGM 6	355.46	AGM 7	359.47	42.000	0.375	0.375	35000		18	0.068					0.840	0.704	6:46	150	802	577	450	0.260	1.282	801	577							Pitting			
3640	Metal Loss	Int	5299.91	5282.5	21.81	18.84	40.64	1530	AGM 6	356.99	AGM 7	357.94	42.000	0.375	0.375	35000		21	0.078					0.315	0.538	7:36	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3641	Metal Loss	Int	5306.00	5288.9	27.90	12.75	40.64	1530	AGM 6	363.08	AGM 7	351.85	42.000	0.375	0.375	35000		25	0.094					0.514	0.735	6:08	150	802	578	450	0.260	1.284	802	577							Pitting			
3642	Metal Loss	Int	5307.69	5290.6	29.59	11.06	40.64	1530	AGM 6	364.78	AGM 7	350.16	42.000	0.375	0.375	35000		20	0.075					0.315	0.524	4:34	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3643	Metal Object		5308.41	5291.4	30.31	10.33	40.64	1530	AGM 6	365.50	AGM 7	349.43	42.000	0.375	0.375	35000								5.255	5.419	1:05	150													Close Metal Object				
3644	Metal Loss	Int	5312.67	5295.9	34.57	6.08	40.64	1530	AGM 6	369.76	AGM 7	345.18	42.000	0.375	0.375	35000		15	0.058					0.894	0.505	6:59	150	802	577	450	0.260	1.283	801	577							Pitting			
3645	Girth Weld		5318.74	5302.2	40.64	39.36	39.36	1540	AGM 6	375.83	AGM 7	339.10	42.000	0.375	0.375	35000											150																	
3646	Metal Loss	Int	5321.78	5305.4	3.03	36.33	39.36	1540	AGM 6	378.87	AGM 7	336.07	42.000	0.375	0.375	35000		17	0.063					0.315	0.509	6:14	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			

Reported Feature Reference													Pipe Specification					Reported Feature Dimensions									Calculated Values								Classification		XYZ Information							
									Upstream (U/S) Reference		Downstream (D/S) Reference																	Modified B31.G		Design	ERF	RPR	Effective Area				NAD 83		NAVD 88					
Feature Number (sequential order)	Pipeline Feature	INT/ EXT (ID/OD)	Odometer	Station Number	Distance to U/S weld	Distance to D/S weld	Joint Length	Defect Joint Number	Name	Distance from:	Name	Distance to:	Diameter	Nominal Wall Thickness	Measured Wall Thickness	Pipe Grade (SMYS)	Long Seam Orientation	Metal Loss Depth	Metal Loss Depth	Deformation Depth	Deformation Depth	Crack Depth	Crack Depth	Length	Width	Orientation	MOP	Modified B31.G P_{BURST}	Modified B31.G P_{SAFE}	Design Pressure (72% SMYS)	MOP / P_{SAFE}	P_{BURST} / 100% SMYS	P_{BURST}	P_{SAFE}	Group Number	Group Category	Latitude	Longitude	Elevation	Comments	POF classification	Excavation/ Repair Required	SPLC Notes	Tool Type/ Technology
			(feet)	(feet)	(feet)	(feet)	(feet)			(feet)		(feet)	(inch)	(inch)	(inch)	(psi)		(%)	(inch)	(%)	(inch)	(%)	(inch)	(inch)	(inch)	(O'clock)	(psi)	(psi)	(psi)	(psi)			(psi)	(psi)					(feet)			Target/Yes/AGM		
3647	Metal Loss	Int	5329.18	5313.1	10.44	28.92	39.36	1540	AGM 6	386.27	AGM 7	328.66	42.000	0.375	0.375	35000		15	0.057					0.453	0.584	6:09	150	803	578	450	0.260	1.285	803	578							Pitting			
3648	Metal Loss	Int	5330.36	5314.4	11.61	27.75	39.36	1540	AGM 6	387.44	AGM 7	327.49	42.000	0.375	0.375	35000		24	0.089					0.544	0.728	6:10	150	802	578	450	0.260	1.284	802	577							Pitting			
3649	Metal Loss	Int	5332.34	5316.4	13.59	25.77	39.36	1540	AGM 6	389.42	AGM 7	325.51	42.000	0.375	0.375	35000		16	0.060					0.371	0.551	4:39	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3650	Metal Loss	Int	5333.54	5317.7	14.80	24.57	39.36	1540	AGM 6	390.63	AGM 7	324.31	42.000	0.375	0.375	35000		29	0.110					0.950	1.267	6:08	150	799	575	450	0.261	1.278	798	575							Pitting			
3651	Metal Loss	Int	5341.21	5325.7	22.47	16.89	39.36	1540	AGM 6	398.30	AGM 7	316.63	42.000	0.375	0.375	35000		28	0.105					0.966	1.089	6:07	150	799	575	450	0.261	1.279	798	575							Pitting			
3652	Metal Object		5342.82	5327.4	24.07	15.29	39.36	1540	AGM 6	399.91	AGM 7	315.03	42.000	0.375	0.375	35000								2.212	4.353	10:37	150													Close Metal Object				
3653	Metal Loss	Int	5342.98	5327.6	24.24	15.12	39.36	1540	AGM 6	400.07	AGM 7	314.86	42.000	0.375	0.375	35000		33	0.124					0.943	1.092	5:53	150	798	575	450	0.261	1.277	797	574							Pitting			
3654	Metal Loss	Int	5344.02	5328.7	25.28	14.09	39.36	1540	AGM 6	401.11	AGM 7	313.83	42.000	0.375	0.375	35000		22	0.084					0.315	0.541	6:08	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3655	Metal Loss	Int	5345.17	5329.9	26.42	12.94	39.36	1540	AGM 6	402.26	AGM 7	312.68	42.000	0.375	0.375	35000		32	0.121					1.277	2.328	6:34	150	794	572	450	0.262	1.271	792	570							General Metal-loss			
3656	Metal Loss	Int	5346.26	5331.0	27.52	11.84	39.36	1540	AGM 6	403.35	AGM 7	311.58	42.000	0.375	0.375	35000		31	0.116					0.985	1.331	5:58	150	798	575	450	0.261	1.277	797	574							Pitting			
3657	Metal Loss	Int	5347.79	5332.6	29.05	10.31	39.36	1540	AGM 6	404.88	AGM 7	310.05	42.000	0.375	0.375	35000		20	0.075					0.980	0.495	4:34	150	801	576	450	0.260	1.281	800	576							Pitting			
3658	Metal Loss	Int	5348.53	5333.4	29.79	9.57	39.36	1540	AGM 6	405.62	AGM 7	309.31	42.000	0.375	0.375	35000		49	0.183					1.742	3.066	6:04	150	773	557	450	0.269	1.237	763	549							General Metal-loss			
3659	Metal Loss	Int	5348.90	5333.8	30.16	9.20	39.36	1540	AGM 6	405.99	AGM 7	308.94	42.000	0.375	0.375	35000		17	0.062					0.433	0.563	7:43	150	803	578	450	0.260	1.285	803	578							Pitting			
3660	Metal Loss	Int	5356.38	5341.6	37.63	1.73	39.36	1540	AGM 6	413.46	AGM 7	301.47	42.000	0.375	0.375	35000		31	0.116					1.234	1.281	5:58	150	795	573	450	0.262	1.273	793	571							General Metal-loss			
3661	Girth Weld		5358.11	5343.4	39.36	40.60	40.60	1550	AGM 6	415.19	AGM 7	299.74	42.000	0.375	0.375	35000											150																	
3662	Metal Loss	Int	5358.11	5343.4	0.01	40.60	40.60	1550	AGM 6	415.20	AGM 7	299.73	42.000	0.375	0.375	35000		29	0.110					0.674	0.972	6:07	150	801	577	450	0.260	1.282	801	577						On GWD	Pitting			
3663	Cluster	Int	5359.62	5345.0	1.51	39.09	40.60	1550	AGM 6	416.71	AGM 7	298.23	42.000	0.375	0.375	35000		23	0.085					0.541	1.366	7:16	150	802	578	450	0.260	1.284	802	577						CLS C				
3664	Metal Loss	Int	5361.26	5346.7	3.16	37.45	40.60	1550	AGM 6	418.35	AGM 7	296.58	42.000	0.375	0.375	35000		42	0.158					1.044	0.912	6:10	150	794	572	450	0.262	1.271	791	570							Pitting			
3665	Metal Loss	Int	5362.35	5347.8	4.24	36.36	40.60	1550	AGM 6	419.44	AGM 7	295.50	42.000	0.375	0.375	35000		28	0.106					1.417	1.672	6:18	150	794	572	450	0.262	1.271	792	570							General Metal-loss			
3666	Metal Loss	Int	5364.03	5349.6	5.93	34.67	40.60	1550	AGM 6	421.12	AGM 7	293.81	42.000	0.375	0.375	35000		27	0.102					0.487	0.568	6:13	150	802	578	450	0.260	1.284	802	577							Pitting			
3667	Metal Loss	Int	5364.56	5350.2	6.46	34.15	40.60	1550	AGM 6	421.65	AGM 7	293.28	42.000	0.375	0.375	35000		19	0.069					0.604	0.692	5:40	150	802	578	450	0.260	1.284	802	577							Pitting			
3668	Cluster	Int	5369.57	5355.4	11.47	29.14	40.60	1550	AGM 6	426.66	AGM 7	288.27	42.000	0.375	0.375	35000		26	0.097					0.404	1.067	4:39	150	803	578	450	0.260	1.285	803	578						CLS C				
3669	Metal Loss	Int	5369.62	5355.4	11.52	29.08	40.60	1550	AGM 6	426.71	AGM 7	288.22	42.000	0.375	0.375	35000		26	0.099					1.407	1.083	6:05	150	795	572	450	0.262	1.272	793	571							Pitting			
3670	Metal Loss	Int	5376.37	5362.5	18.26	22.34	40.60	1550	AGM 6	433.46	AGM 7	281.48	42.000	0.375	0.375	35000		27	0.100					1.193	1.164	6:07	150	797	574	450	0.261	1.276	796	573							Pitting			
3671	Metal Loss	Int	5378.30	5364.5	20.19	20.41	40.60	1550	AGM 6	435.39	AGM 7	279.55	42.000	0.375	0.375	35000		16	0.061					0.357	0.555	4:19	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3672	Metal Loss	Int	5379.48	5365.8	21.38	19.23	40.60	1550	AGM 6	436.57	AGM 7	278.36	42.000	0.375	0.375	35000		33	0.124					1.061	1.495	6:08	150	797	574	450	0.261	1.275	795	572							Pitting			
3673	Metal Loss	Int	5382.71	5369.1	24.61	16.00	40.60	1550	AGM 6	439.80	AGM 7	275.13	42.000	0.375	0.375	35000		29	0.108					1.042	0.905	6:08	150	798	575	450	0.261	1.277	797	574							Pitting			
3674	Metal Loss	Int	5383.35	5369.8	25.25	15.36	40.60	1550	AGM 6	440.44	AGM 7	274.49	42.000	0.375	0.375	35000		22	0.081					0.405	0.550	4:38	150	803	578	450	0.260	1.285	803	578							Pitting			
3675	Metal Loss	Int	5386.53	5373.1	28.43	12.17	40.60	1550	AGM 6	443.62	AGM 7	271.31	42.000	0.375	0.375	35000		25	0.093					1.133	0.980	6:06	150	798	575	450	0.261	1.277	797	574							Pitting			
3676	Metal Loss	Int	5396.61	5383.7	38.50	2.10	40.60	1550	AGM 6	453.70	AGM 7	261.24	42.000	0.375	0.375	35000		22	0.083					0.901	1.262	6:06	150	801	576	450	0.260	1.281	800	576							Pitting			
3677	Metal Loss	Int	5397.24	5384.3	39.14	1.47	40.60	1550	AGM 6	454.33	AGM 7	260.60	42.000	0.375	0.375	35000		15	0.056					0.923	0.503	5:45	150	802	577	450	0.260	1.283	801	577							Pitting			
3678	Girth Weld		5398.71	5385.9	40.60	40.21	40.21	1560	AGM 6	455.80	AGM 7	259.14	42.000	0.375	0.375	35000											150																	
3679	Metal Loss	Int	5400.88	5388.1	2.17	38.04	40.21	1560	AGM 6	457.97	AGM 7	256.97	42.000	0.375	0.375	35000		35	0.130					1.175	1.108	6:07	150	795	572	450	0.262	1.272	792	570							Pitting			
3680	Metal Loss	Int	5402.63	5390.0	3.92	36.29	40.21	1560	AGM 6	459.72	AGM 7	255.22	42.000	0.375	0.375	35000		24	0.090					0.725	0.859	6:03	150	801	577	450	0.260	1.282	801	577							Pitting			
3681	Metal Loss	Int	5407.93	5395.5	9.22	30.99	40.21	1560	AGM 6	465.02	AGM 7	249.92	42.000	0.375	0.375	35000		22	0.081					0.462	0.567	6:25	150	803	578	450	0.260	1.284	803	578							Pitting			
3682	Metal Loss	Int	5410.29	5398.0	11.58	28.63	40.21	1560	AGM 6	467.38	AGM 7	247.56	42.000	0.375	0.375	35000		19	0.072					0.480	0.663	5:57	150	803	578	450	0.260	1.285	803	578							Pitting			
3683	Metal Loss	Int	5411.93	5399.7	13.22	26.99	40.21	1560	AGM 6	469.02	AGM 7	245.92	42.000	0.375	0.375	35000		25	0.093					0.762	0.584	6:19	150	801	577	450	0.260	1.282	801	577							Pitting			
3684	Metal Loss	Int	5414.34	5402.2	15.63	24.58	40.21	1560	AGM 6	471.43	AGM 7	243.51	42.000	0.375	0.375	35000		25	0.092					0.850	1.015	6:02	150	801	576	450	0.260	1.281	800	576							Pitting			
3685	Metal Loss	Int	5415.99	5404.0	17.29	22.93	40.21	1560	AGM 6	473.08	AGM 7	241.85	42.000	0.375	0.375	35000		24	0.091					0.353	0.551	4:36	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3686	Metal Loss	Int	5417.87	5405.9	19.16	21.05	40.21	1560	AGM 6	474.96	AGM 7	239.97	42.000	0.375	0.375	35000		20	0.076					0.767	0.883	6:04	150	802	577	450	0.260	1.283	801	577							Pitting			
3687	Metal Loss	Int	5418.62	5406.7	19.91	20.30	40.21	1560	AGM 6	475.71	AGM 7	239.23	42.000	0.375	0.375	35000		17	0.063					0.346	0.537	6:59	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3688	Metal Loss	Int	5419.89	5408.0	21.18	19.03	40.21	1560	AGM 6	476.98	AGM 7	237.96	42.000	0.375	0.375	35000		17	0.065					0.615	0.608	6:24	150	803	578	450	0.260	1.284	802	577							Pitting			
3689	Metal Loss	Int	5421.49	5409.7	22.78	17.43	40.21	1560	AGM 6	478.58	AGM 7	236.35	42.000	0.375	0.375	35000		20	0.075					0.538	0.582	6:03	150	803	578	450	0.260	1.284	802	577							Pitting			
3690	Metal Loss	Int	5423.65	5412.0	24.94	15.27	40.21	1560	AGM 6	480.74	AGM 7	234.20	42.000	0.375	0.375	35000		22	0.083					0.653	0.540	4:43	150	802	577	450	0.260	1.283	802	577							Pitting			
3691	Metal Loss	Int	5427.28	5415.8	28.57	11.64	40.21	1560	AGM 6	484.37	AGM 7	230.57	42.000	0.375	0.375	35000		22	0.083					0.544	0.564	6:19	150	802	578	450	0.260	1.284	802	577							Pitting			
3692	Girth Weld		5438.92	5427.9	40.21	35.85	35.85	1570	AGM 6	496.01	AGM 7	218.93	42.000	0.375	0.375	35000											150																	
3693	Metal Loss	Int	5441.33	5430.5	2.41	33.44	35.85	1570	AGM 6	498.42	AGM 7	216.52	42.000	0.375	0.375	35000		23	0.088					0.461	0.549	7:20	150	803	578	450	0.260	1.284	803	578							Pitting			
3694	Metal Loss	Int	5451.79	5441.4	12.87	22.98	35.85	1570	AGM 6	508.88	AGM 7	206.06	42.000	0.375	0.375	35000		15	0.058					0.860	0.877	6:16	150	802	577	450	0.260	1.283	801	577							Pitting			
3695	Metal Loss	Int	5453.51	5443.2	14.59	21.26	35.85	1570	AGM 6	510.60	AGM 7	204.34	42.000	0.375	0.375	35000		19	0.072					0.798	0.663	6:03	150	802	577	450	0.260	1.283	801	577							Pitting			
3696	Metal Loss	Int	5456.60	5446.4	17.68	18.17	35.85	1570	AGM 6	513.69	AGM 7	201.25	42.000	0.375	0.375	35000		29	0.108					0.587	0.708	6:16	150	802	578	450	0.260	1.283	801	577							Pitting			
3697	Metal Loss	Int	5458.76	5448.7	19.85	16.00	35.85	1570	AGM 6	515.85	AGM 7	199.08	42.000	0.375	0.375	35000		19	0.071					0.579	0.572	6:01	150	803	578	450	0.260	1.284	802	577							Pitting			
3698	Metal Loss	Int	5459.34	5449.3	20.42	15.43	35.85	1570	AGM 6	516.43	AGM 7	198.51	42.000	0.375	0.375	35000		34	0.127					1.337	0.993	5:58	150	793	571	450	0.263	1.268	790	569							Pitting			
3699	Metal Loss	Int	5464.91	5455.1	25.99	9.86	35.85	1570	AGM 6	522.00	AGM 7	192.94	42.000	0.375	0.375	35000		22	0.082					0.680	0.614	5:59	150	802	577	450	0.260	1.283	802	577							Pitting			
3700	Metal Loss	Int	5470.35	5460.8	31.43	4.42	35.85	1570	AGM 6	527.43	AGM 7	187.50	42.000	0.375	0.375	35000		24	0.090					0.934	1.370	6:06	150	800	576	450	0.260	1.280	799	575							Pitting			
3701	Metal Loss	Int	5472.52	5463.1	33.60	2.25	35.85	1570	AGM 6	529.61	AGM 7	185.33	42.000	0.375	0.375	35000		15	0.057					0.472	0.568	6:11	150	803	578	450	0.260	1.285	803	578							Pitting			
3702	Metal Loss	Int	5474.33	5465.0	35.42	0.43	35.85	1570	AGM 6	531.42	AGM 7	183.51	42.000	0.375	0.375	35000		25	0.094					0.521	0.586	6:04	150	802	578	450	0.260	1.284	802	577							Pitting			
3703	Metal Loss	Int	5474.53	5465.2	35.61	0.24	35.85	1570	AGM 6	531.62	AGM 7	183.32	42.000	0.375	0.375	35000		16	0.061					0.626	0.613	6:15	150	803	578	450	0.260	1.284	802	577							Pitting			
3704	Girth Weld		5474.77	5465.5	35.85	40.76	40.76	1580	AGM 6	531.85	AGM 7	183.08	42.000	0.375	0.375	35000											150																	
3705	Metal Loss	Int	5485.68	5476.9	10.91	29.85	40.76	1580	AGM 6	542.77	AGM 7	172.17	42.000	0.375	0.375	35000		17	0.064					0.516	0.544	5:44	150	803	578	450	0.260	1.285	803	578							Pitting			
3706	Metal Loss	Int	5486.35	5477.6	11.58	29.18	40.76	1580	AGM 6	543.43	AGM 7	171.50	42.000	0.375	0.375	35000		22	0.082					0.344	0.532	5:42	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3707	Metal Loss	Int	5492.16	5483.6	17.39	23.37	40.76	1580	AGM 6	549.25	AGM 7	165.69	42.000	0.375	0.375	35000		21	0.079					0.665	0.626	5:58	150	802	577	450	0.260	1.283	802	577							Pitting			
3708	Cluster	Int	5492.71	5484.2	17.94	22.82	40.76	1580	AGM 6	549.79	AGM 7	165.14	42.000	0.375	0.375	35000		24	0.092					0.591	1.186	5:56	150	802	578	450	0.260	1.283	802	577						CLS C				
3709	Metal Loss	Int	5494.52	5486.1	19.75	21.01	40.76	1580	AGM 6	551.61	AGM 7	163.33	42.000	0.375	0.375	35000		20	0.074					0.560	0.585	5:50	150	803	578	450	0.260	1.284	802	577							Pitting			
3710	Metal Loss	Int	5495.91	5487.6	21.14	19.62	40.76	1580	AGM 6	552.99	AGM 7	161.94	42.000	0.375	0.375	35000		19	0.073					0.557	0.591	5:54	150	803	578	450	0.260	1.284	802	577							Pitting			
3711	Metal Loss	Int	5496.96	5488.7	22.19	18.57	40.76	1580	AGM 6	554.05	AGM 7	160.89	42.000	0.375	0.375	35000		25	0.095					0.549	0.540	5:58	150	802	578	450	0.260	1.284	802	577							Pitting			
3712	Metal Loss	Int	5497.30	5489.0	22.53	18.23	40.76	1580	AGM 6	554.39	AGM 7	160.55	42.000	0.375	0.375	35000		28	0.105					0.668	0.655	5:55	150	801	577	450	0.260	1.282	801	577							Pitting			
3713	Metal Loss	Int	5498.83	5490.6	24.06	16.70	40.76	1580	AGM 6	555.91	AGM 7	159.02	42.000	0.375	0.375	35000		22	0.083					0.574	0.597	5:47	150	802	578	450	0.260	1.284	802	577							Pitting			
3714	Metal Loss	Int	5500.97	5492.9	26.20	14.56	40.76	1580	AGM 6	558.05	AGM 7	156.88	42.000	0.375	0.375	35000		26	0.099					0.578	0.677	5:59	150	802	577	450	0.260	1.283	802	577							Pitting			
3715	Metal Loss	Int	5502.02	5494.0	27.26	13.50	40.76	1580	AGM 6	559.11	AGM 7	155.82	42.000	0.375	0.375	35000		22	0.082					0.610	0.561	6:13	150	802	578	450	0.260	1.284	802	577							Pitting			
3716	Metal Loss	Int	5503.62	5495.6	28.85	11.91	40.76	1580	AGM 6	560.70	AGM 7	154.23	42.000	0.375	0.375	35000		32	0.119					0.735	0.675	6:06	150	800	576	450	0.260	1.281	800	576							Pitting			
3717	Metal Loss	Int	5507.08	5499.3	32.32	8.44	40.76	1580	AGM 6	564.17	AGM 7	150.76	42.000	0.375	0.375	35000		26	0.097					0.731	0.798	6:07	150	801	577	450	0.260	1.282	801	577							Pitting			
3718	Metal Loss	Int	5509.84	5502.1	35.07	5.69	40.76	1580	AGM 6	566.93	AGM 7	148.01	42.000	0.375	0.375	35000		21	0.078					0.728	0.703	6:03	150	802	577	450	0.260	1.283	801	577							Pitting			
3719	Metal Loss	Int	5510.08	5502.4	35.31	5.45	40.76	1580	AGM 6	567.17	AGM 7	147.77	42.000	0.375	0.375	35000		32	0.121					0.646	0.525	6:22	150	801	577	450	0.260	1.282	800	576							Pitting			
3720	Metal Loss	Int	5510.76	5503.1	35.99	4.77	40.76	1580	AGM 6	567.85	AGM 7	147.09	42.000	0.375	0.375	35000		16	0.059					0.487	0.683	5:59	150	803	578	450	0.260	1.285	803	578							Pitting			
3721	Metal Loss	Int	5511.04	5503.4	36.28	4.48	40.76	1580	AGM 6	568.13	AGM 7	146.80	42.000	0.375	0.375	35000		17	0.064					0.351	0.547	5:55	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3722	Metal Loss	Int	5511.18	5503.6	36.41	4.35	40.76	1580	AGM 6	568.27	AGM 7	146.67	42.000	0.375	0.375	35000		23	0.087					0.539	0.731	5:58	150	802	578	450	0.260	1.284	802	577							Pitting			
3723	Metal Loss	Int	5511.76	5504.2	36.99	3.77	40.76	1580	AGM 6	568.85	AGM 7	146.09	42.000	0.375	0.375	35000		20	0.075					0.609	0.753	6:11	150	802	578	450	0.260	1.284	802	577							Pitting			
3724	Metal Loss	Int	5511.97	5504.4	37.21	3.55	40.76	1580	AGM 6	569.06	AGM 7	145.87	42.000	0.375	0.375	35000		22	0.083					0.675	0.704	5:52	150	802	577	450	0.260	1.283	802	577							Pitting			
3725	Metal Loss	Int	5513.54	5506.0	38.78	1.98	40.76	1580	AGM 6	570.63	AGM 7	144.30	42.000	0.375	0.375	35000		19	0.072					0.682	0.626	5:56	150	802	578	450	0.260	1.283	802	577							Pitting			
3726	Metal Loss	Int	5513.97	5506.5	39.20	1.56	40.76	1580	AGM 6	571.06	AGM 7	143.88	42.000	0.375	0.375	35000		21	0.080					0.694	0.882	6:04	150	802	577	450	0.260	1.283	802	577							Pitting			
3727	Metal Loss	Int	5514.32	5506.8	39.55	1.21	40.76	1580	AGM 6	571.40	AGM 7	143.53	42.000	0.375	0.375	35000		22	0.083					0.569	0.586	5:45	150	802	578	450	0.260	1.284	802	577							Pitting			
3728	Metal Loss	Int	5514.67	5507.2	39.90	0.86	40.76	1580	AGM 6	571.76	AGM 7	143.18	42.000	0.375	0.375	35000		18	0.069					0.901	0.764	6:05	150	801	577	450	0.260	1.282	801	577							Pitting			
3729	Girth Weld		5515.53	5508.1	40.76	40.70	40.70	1590	AGM 6	572.61	AGM 7	142.32	42.000	0.375	0.375	35000											150																	
3730	Metal Loss	Int	5515.66	5508.2	0.13	40.57	40.70	1590	AGM 6	572.75	AGM 7	142.19	42.000	0.375	0.375	35000		40	0.151					1.237	1.518	6:00	150	792	570	450	0.263	1.266	788	567						Near GWD	General Metal-loss			
3731	Metal Loss	Int	5516.44	5509.0	0.91	39.79	40.70	1590	AGM 6	573.52	AGM 7	141.41	42.000	0.375	0.375	35000		19	0.073					0.492	0.809	6:06	150	803	578	450	0.260	1.285	803	578							Pitting			
3732	Metal Loss	Int	5516.99	5509.6	1.47	39.24	40.70	1590	AGM 6	574.08	AGM 7	140.85	42.000	0.375	0.375	35000		18	0.069					0.996	1.508	6:03	150	801	577	450	0.260	1.281	800	576							Pitting			
3733	Metal Loss	Int	5519.07	5511.8	3.55	37.16	40.70	1590	AGM 6	576.16	AGM 7	138.77	42.000	0.375	0.375	35000		28	0.105					0.887	0.776	6:04	150	800	576	450	0.260	1.280	799	575							Pitting			
3734	Metal Loss	Int	5523.68	5516.6	8.15	32.55	40.70	1590	AGM 6	580.77	AGM 7	134.17	42.000	0.375	0.375	35000		29	0.107					1.171	1.804	5:57	150	797	574	450	0.261	1.275	795	572							Pitting			
3735	Metal Loss	Int	5527.28	5520.4	11.76	28.94	40.70	1590	AGM 6	584.37	AGM 7	130.56	42.000	0.375	0.375	35000		28	0.107					0.858	1.019	5:58	150	800	576	450	0.260	1.280	799	575							Pitting			
3736	Metal Loss	Int	5528.80	5522.0	13.27	27.43	40.70	1590	AGM 6	585.89	AGM 7	129.05	42.000	0.375	0.375	35000		42	0.156					0.948	1.745	6:06	150	796	573	450	0.262	1.274	794	572							Pitting			
3737	Metal Loss	Int	5529.13	5522.3	13.60	27.10	40.70	1590	AGM 6	586.22	AGM 7	128.72	42.000	0.375	0.375	35000		21	0.079					0.717	0.627	6:00	150	802	577	450	0.260	1.283	801	577							Pitting			
3738	Metal Loss	Int	5530.96	5524.2	15.43	25.27	40.70	1590	AGM 6	588.05	AGM 7	126.89	42.000	0.375	0.375	35000		15	0.056					0.430	0.563	6:04	150	803	578	450	0.260	1.285	803	578							Pitting			
3739	Metal Loss	Int	5531.33	5524.6	15.80	24.90	40.70	1590	AGM 6	588.41	AGM 7	126.52	42.000	0.375	0.375	35000		28	0.104					0.897	1.146	6:01	150	800	576	450	0.260	1.280	799	575							Pitting			
3740	Cluster	Int	5533.58	5527.0	18.05	22.65	40.70	1590	AGM 6	590.67	AGM 7	124.27	42.000	0.375	0.375	35000		25	0.092					2.024	3.537	5:57	150	788	568	450	0.264	1.261	788	567						CLS C				
3741	Metal Loss	Int	5533.83	5527.2	18.30	22.40	40.70	1590	AGM 6	590.92	AGM 7	124.02	42.000	0.375	0.375	35000		25	0.095					0.746	0.677	6:05	150	801	577	450	0.260	1.282	801	577							Pitting			
3742	Metal Loss	Int	5536.12	5529.6	20.59	20.11	40.70	1590	AGM 6	593.21	AGM 7	121.73	42.000	0.375	0.375	35000		26	0.097					0.854	1.173	6:01	150	800	576	450	0.260	1.281	800	576							Pitting			
3743	Metal Loss	Int	5538.64	5532.3	23.12	17.59	40.70	1590	AGM 6	595.73	AGM 7	119.20	42.000	0.375	0.375	35000		16	0.061					0.338	0.530	6:13	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3744	Metal Loss	Int	5541.10	5534.9	25.57	15.13	40.70	1590	AGM 6	598.19	AGM 7	116.75	42.000	0.375	0.375	35000		46	0.174					1.320	1.875	5:58	150	787	566	450	0.265	1.259	781	562							General Metal-loss			
3745	Metal Loss	Int	5544.88	5538.8	29.35	11.35	40.70	1590	AGM 6	601.96	AGM 7	112.97	42.000	0.375	0.375	35000		30	0.113					1.095	1.100	6:01	150	797	574	450	0.261	1.276	796	573							Pitting			
3746	Metal Loss	Int	5545.55	5539.5	30.02	10.68	40.70	1590	AGM 6	602.64	AGM 7	112.30	42.000	0.375	0.375	35000		17	0.064					0.359	0.550	6:00	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3747	Metal Loss	Int	5546.39	5540.4	30.87	9.84	40.70	1590	AGM 6	603.48	AGM 7	111.46	42.000	0.375	0.375	35000		43	0.161					1.389	1.986	5:57	150	787	567	450	0.265	1.259	782	563							General Metal-loss			
3748	Metal Loss	Int	5548.71	5542.8	33.19	7.51	40.70	1590	AGM 6	605.80	AGM 7	109.13	42.000	0.375	0.375	35000		25	0.094					0.374	0.592	6:07	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3749	Metal Loss	Int	5553.75	5548.1	38.22	2.48	40.70	1590	AGM 6	610.83	AGM 7	104.10	42.000	0.375	0.375	35000		18	0.068					0.815	0.655	6:06	150	802	577	450	0.260	1.283	801	577							Pitting			
3750	Metal Loss	Int	5553.82	5548.2	38.30	2.40	40.70	1590	AGM 6	610.91	AGM 7	104.02	42.000	0.375	0.375	35000		17	0.062					0.534	0.599	6:32	150	803	578	450	0.260	1.285	803	578							Pitting			
3751	Metal Loss	Int	5555.62	5550.0	40.09	0.61	40.70	1590	AGM 6	612.71	AGM 7	102.23	42.000	0.375	0.375	35000		29	0.110					0.900	1.300	6:06	150	799	576	450	0.260	1.279	798	575							Pitting			
3752	Girth Weld		5556.23	5550.7	40.70	40.44	40.44	1600	AGM 6	613.32	AGM 7	101.62	42.000	0.375	0.375	35000											150																	
3753	Metal Loss	Int	5556.93	5551.4	0.70	39.74	40.44	1600	AGM 6	614.01	AGM 7	100.92	42.000	0.375	0.375	35000		16	0.061					1.171	1.115	5:56	150	800	576	450	0.260	1.280	799	575							Pitting			
3754	Metal Loss	Int	5557.55	5552.1	1.33	39.12	40.44	1600	AGM 6	614.64	AGM 7	100.29	42.000	0.375	0.375	35000		27	0.102					0.887	0.771	6:00	150	800	576	450	0.260	1.280	799	575							Pitting			
3755	Metal Loss	Int	5557.71	5552.2	1.48	38.96	40.44	1600	AGM 6	614.80	AGM 7	100.14	42.000	0.375	0.375	35000		19	0.070					0.710	0.560	7:53	150	802	577	450	0.260	1.283	802	577							Pitting			
3756	Metal Loss	Int	5557.81	5552.3	1.58	38.86	40.44	1600	AGM 6	614.89	AGM 7	100.04	42.000	0.375	0.375	35000		33	0.123					0.687	1.120	6:05	150	801	577	450	0.260	1.281	800	576							Pitting			
3757	Metal Loss	Int	5560.42	5555.1	4.19	36.25	40.44	1600	AGM 6	617.51	AGM 7	97.43	42.000	0.375	0.375	35000		43	0.160					0.824	0.751	6:01	150	798	574	450	0.261	1.276	796	573							Pitting			
3758	Metal Loss	Int	5562.60	5557.4	6.37	34.07	40.44	1600	AGM 6	619.69	AGM 7	95.25	42.000	0.375	0.375	35000		19	0.071					1.079	0.997	6:02	150	800	576	450	0.260	1.280	799	575							Pitting			
3759	Metal Loss	Int	5564.17	5559.0	7.94	32.50	40.44	1600	AGM 6	621.26	AGM 7	93.68	42.000	0.375	0.375	35000		23	0.085					0.877	1.676	6:05	150	801	576	450	0.260	1.281	800	576							Pitting			
3760	Metal Loss	Int	5566.65	5561.6	10.42	30.02	40.44	1600	AGM 6	623.74	AGM 7	91.20	42.000	0.375	0.375	35000		21	0.079					0.957	1.175	6:03	150	800	576	450	0.260	1.281	800	576							Pitting			
3761	Metal Loss	Int	5567.53	5562.5	11.30	29.14	40.44	1600	AGM 6	624.62	AGM 7	90.32	42.000	0.375	0.375	35000		36	0.136					1.143	1.460	5:58	150	795	572	450	0.262	1.272	792	570							Pitting			
3762	Metal Loss	Int	5570.21	5565.3	13.99	26.45	40.44	1600	AGM 6	627.30	AGM 7	87.63	42.000	0.375	0.375	35000		23	0.086					0.918	1.085	6:02	150	800	576	450	0.260	1.281	800	576							Pitting			
3763	Metal Loss	Int	5571.06	5566.2	14.83	25.61	40.44	1600	AGM 6	628.14	AGM 7	86.79	42.000	0.375	0.375	35000		29	0.107					0.961	0.713	6:06	150	799	575	450	0.261	1.278	798	575							Pitting			
3764	Metal Loss	Int	5572.25	5567.4	16.02	24.42	40.44	1600	AGM 6	629.33	AGM 7	85.60	42.000	0.375	0.375	35000		33	0.122					1.152	1.527	6:03	150	796	573	450	0.262	1.273	794	572							Pitting			
3765	Metal Loss	Int	5576.50	5571.9	20.27	20.17	40.44	1600	AGM 6	633.59	AGM 7	81.35	42.000	0.375	0.375	35000		43	0.162					0.909	0.797	6:04	150	796	573	450	0.262	1.274	794	572							Pitting			
3766	Metal Loss	Int	5579.91	5575.5	23.68	16.76	40.44	1600	AGM 6	637.00	AGM 7	77.94	42.000	0.375	0.375	35000		49	0.185					1.131	1.081	6:07	150	790	568	450	0.264	1.263	785	565							Pitting			
3767	Metal Loss	Int	5583.56	5579.3	27.33	13.11	40.44	1600	AGM 6	640.65	AGM 7	74.29	42.000	0.375	0.375	35000		20	0.075					0.730	0.724	6:06	150	802	577	450	0.260	1.283	801	577							Pitting			
3768	Metal Loss	Int	5586.07	5581.9	29.85	10.59	40.44	1600	AGM 6	643.16	AGM 7	71.77	42.000	0.375	0.375	35000		27	0.100					0.500	0.624	5:49	150	802	578	450	0.260	1.284	802	577							Pitting			
3769	Metal Loss	Int	5586.31	5582.2	30.08	10.36	40.44	1600	AGM 6	643.39	AGM 7	71.54	42.000	0.375	0.375	35000		18	0.069					0.599	0.914	6:05	150	803	578	450	0.260	1.284	802	577							Pitting			
3770	Metal Loss	Int	5587.16	5583.0	30.94	9.51	40.44	1600	AGM 6	644.25	AGM 7	70.68	42.000	0.375	0.375	35000		23	0.088					0.751	0.924	6:03	150	801	577	450	0.260	1.282	801	577							Pitting			
3771	Girth Weld		5596.67	5593.0	40.44	38.30	38.30	1610	AGM 6	653.76	AGM 7	61.18	42.000	0.375	0.375	35000											150																	
3772	Metal Loss	Int	5603.65	5600.3	6.98	31.33	38.30	1610	AGM 6	660.73	AGM 7	54.20	42.000	0.375	0.375	35000		37	0.137					0.876	1.062	6:12	150	798	575	450	0.261	1.277	797	574							Pitting			
3773	Metal Loss	Int	5606.57	5603.4	9.90	28.40	38.30	1610	AGM 6	663.66	AGM 7	51.28	42.000	0.375	0.375	35000		16	0.060					0.399	0.562	7:23	150	803	578	450	0.260	1.285	803	578							Pitting			
3774	Metal Loss	Int	5606.74	5603.5	10.07	28.24	38.30	1610	AGM 6	663.82	AGM 7	51.11	42.000	0.375	0.375	35000		16	0.062					0.898	0.732	5:44	150	802	577	450	0.260	1.282	801	577							Pitting			
3775	Metal Loss	Int	5607.00	5603.8	10.33	27.98	38.30	1610	AGM 6	664.08	AGM 7	50.85	42.000	0.375	0.375	35000		17	0.065					0.668	1.104	5:45	150	802	578	450	0.260	1.284	802	577							Pitting			
3776	Metal Loss	Int	5611.06	5608.0	14.39	23.92	38.30	1610	AGM 6	668.14	AGM 7	46.79	42.000	0.375	0.375	35000		39	0.146					1.553	2.512	5:46	150	786	566	450	0.265	1.258	781	562							General Metal-loss			
3777	Metal Loss	Int	5615.32	5612.5	18.66	19.65	38.30	1610	AGM 6	672.41	AGM 7	42.52	42.000	0.375	0.375	35000		16	0.060					0.559	0.803	7:19	150	803	578	450	0.260	1.284	803	578							Pitting			
3778	Metal Loss	Int	5616.21	5613.4	19.54	18.76	38.30	1610	AGM 6	673.30	AGM 7	41.63	42.000	0.375	0.375	35000		19	0.071					0.539	0.540	4:37	150	803	578	450	0.260	1.284	803	578							Pitting			
3779	Metal Loss	Int	5616.32	5613.5	19.65	18.66	38.30	1610	AGM 6	673.40	AGM 7	41.53	42.000	0.375	0.375	35000		41	0.153					1.295	1.099	5:51	150	790	569	450	0.264	1.264	786	566							Pitting			
3780	Metal Loss	Int	5617.37	5614.6	20.70	17.61	38.30	1610	AGM 6	674.45	AGM 7	40.48	42.000	0.375	0.375	35000		18	0.067					0.586	0.646	5:28	150	803	578	450	0.260	1.284	802	577							Pitting			
3781	Metal Loss	Int	5617.75	5615.1	21.08	17.22	38.30	1610	AGM 6	674.84	AGM 7	40.09	42.000	0.375	0.375	35000		19	0.073					0.591	0.573	5:27	150	802	578	450	0.260	1.284	802	577							Pitting			
3782	Metal Loss	Int	5618.29	5615.6	21.62	16.68	38.30	1610	AGM 6	675.38	AGM 7	39.56	42.000	0.375	0.375	35000		16	0.060					0.467	0.552	7:22	150	803	578	450	0.260	1.285	803	578							Pitting			
3783	Metal Loss	Int	5619.23	5616.6	22.56	15.74	38.30	1610	AGM 6	676.32	AGM 7	38.61	42.000	0.375	0.375	35000		15	0.057					0.693	0.704	5:30	150	802	578	450	0.260	1.284	802	577							Pitting			
3784	Metal Loss	Int	5620.50	5617.9	23.83	14.47	38.30	1610	AGM 6	677.59	AGM 7	37.34	42.000	0.375	0.375	35000		18	0.069					0.582	0.573	5:18	150	803	578	450	0.260	1.284	802	577							Pitting			
3785	Metal Loss	Int	5620.82	5618.3	24.16	14.15	38.30	1610	AGM 6	677.91	AGM 7	37.02	42.000	0.375	0.375	35000		20	0.074					0.731	0.730	6:29	150	802	577	450	0.260	1.283	802	577							Pitting			
3786	Metal Loss	Int	5622.38	5619.9	25.72	12.59	38.30	1610	AGM 6	679.47	AGM 7	35.46	42.000	0.375	0.375	35000		17	0.063					0.491	0.573	6:38	150	803	578	450	0.260	1.285	803	578							Pitting			
3787	Metal Loss	Int	5634.09	5632.1	37.42	0.89	38.30	1610	AGM 6	691.18	AGM 7	23.76	42.000	0.375	0.375	35000		21	0.079					0.631	1.012	5:45	150	802	578	450	0.260	1.284	802	577							Pitting			
3788	Girth Weld		5634.97	5633.1	38.30	40.41	40.41	1620	AGM 6	692.06	AGM 7	22.87	42.000	0.375	0.375	35000											150																	
3789	Metal Loss	Int	5639.49	5637.8	4.52	35.89	40.41	1620	AGM 6	696.58	AGM 7	18.36	42.000	0.375	0.375	35000		25	0.094					0.352	0.552	6:07	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3790	Metal Loss	Int	5639.67	5638.0	4.70	35.71	40.41	1620	AGM 6	696.76	AGM 7	18.17	42.000	0.375	0.375	35000		17	0.062					0.315	0.459	6:57	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3791	Metal Loss	Int	5639.98	5638.3	5.01	35.40	40.41	1620	AGM 6	697.07	AGM 7	17.86	42.000	0.375	0.375	35000		18	0.067					0.504	0.574	5:24	150	803	578	450	0.260	1.285	803	578							Pitting			
3792	Metal Loss	Int	5641.33	5639.7	6.36	34.05	40.41	1620	AGM 6	698.42	AGM 7	16.52	42.000	0.375	0.375	35000		28	0.103					0.923	0.873	6:00	150	800	576	450	0.260	1.279	799	575							Pitting			
3793	Metal Loss	Int	5642.10	5640.5	7.13	33.28	40.41	1620	AGM 6	699.19	AGM 7	15.75	42.000	0.375	0.375	35000		34	0.126					1.053	0.612	5:13	150	797	574	450	0.261	1.275	795	572							Pitting			
3794	Metal Loss	Int	5644.91	5643.5	9.93	30.47	40.41	1620	AGM 6	701.99	AGM 7	12.94	42.000	0.375	0.375	35000		21	0.080					0.378	0.555	6:47	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3795	Metal Loss	Int	5645.63	5644.2	10.66	29.75	40.41	1620	AGM 6	702.72	AGM 7	12.21	42.000	0.375	0.375	35000		28	0.104					0.849	0.746	6:24	150	800	576	450	0.260	1.280	799	575							Pitting			
3796	Metal Loss	Int	5646.35	5645.0	11.38	29.03	40.41	1620	AGM 6	703.44	AGM 7	11.50	42.000	0.375	0.375	35000		17	0.065					0.994	0.662	6:04	150	801	577	450	0.260	1.281	800	576							Pitting			
3797	Metal Loss	Int	5647.46	5646.1	12.49	27.92	40.41	1620	AGM 6	704.55	AGM 7	10.38	42.000	0.375	0.375	35000		22	0.081					1.033	1.386	6:02	150	800	576	450	0.260	1.280	799	575							Pitting			
3798	Metal Loss	Int	5649.40	5648.2	14.43	25.98	40.41	1620	AGM 6	706.49	AGM 7	8.45	42.000	0.375	0.375	35000		17	0.065					0.315	0.497	5:18	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3799	Metal Loss	Int	5656.64	5655.7	21.67	18.74	40.41	1620	AGM 6	713.73	AGM 7	1.20	42.000	0.375	0.375	35000		24	0.088					0.616	0.659	6:06	150	802	577	450	0.260	1.283	802	577							Pitting			
3800	Above Ground Marker		5657.85	5657.0	22.87	17.53	40.41	1620	AGM 6	714.93	MLV	400.03	42.000	0.375	0.375	35000											150													AGM # 7 Sta 56+57				
3801	Metal Loss	Int	5659.19	5658.4	24.21	16.19	40.41	1620	AGM 7	1.34	MLV	398.69	42.000	0.375	0.375	35000		19	0.072					0.815	0.508	6:31	150	802	577	450	0.260	1.282	801	577							Pitting			
3802	Metal Loss	Int	5659.90	5659.1	24.93	15.48	40.41	1620	AGM 7	2.06	MLV	397.97	42.000	0.375	0.375	35000		22	0.081					0.679	0.606	6:03	150	802	577	450	0.260	1.283	802	577							Pitting			
3803	Metal Loss	Int	5660.45	5659.7	25.48	14.93	40.41	1620	AGM 7	2.60	MLV	397.43	42.000	0.375	0.375	35000		18	0.066					0.919	0.916	5:19	150	801	577	450	0.260	1.282	801	577							Pitting			
3804	Metal Loss	Int	5660.71	5660.0	25.73	14.67	40.41	1620	AGM 7	2.86	MLV	397.17	42.000	0.375	0.375	35000		15	0.056					0.328	0.553	6:42	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3805	Metal Loss	Int	5666.05	5665.6	31.07	9.33	40.41	1620	AGM 7	8.20	MLV	391.83	42.000	0.375	0.375	35000		24	0.091					0.782	0.607	6:42	150	801	577	450	0.260	1.282	800	576							Pitting			
3806	Metal Loss	Int	5667.83	5667.4	32.85	7.55	40.41	1620	AGM 7	9.98	MLV	390.05	42.000	0.375	0.375	35000		17	0.064					0.559	0.585	4:50	150	803	578	450	0.260	1.284	803	578							Pitting			
3807	Metal Loss	Int	5669.13	5668.8	34.16	6.25	40.41	1620	AGM 7	11.28	MLV	388.75	42.000	0.375	0.375	35000		20	0.076					0.714	0.524	6:11	150	802	577	450	0.260	1.283	802	577							Pitting			
3808	Metal Loss	Int	5669.49	5669.2	34.52	5.89	40.41	1620	AGM 7	11.64	MLV	388.39	42.000	0.375	0.375	35000		24	0.090					0.782	0.542	5:42	150	801	577	450	0.260	1.282	801	577							Pitting			
3809	Metal Loss	Int	5670.35	5670.1	35.37	5.03	40.41	1620	AGM 7	12.50	MLV	387.53	42.000	0.375	0.375	35000		20	0.075					0.974	0.887	5:59	150	801	576	450	0.260	1.281	800	576							Pitting			
3810	Metal Loss	Int	5671.17	5670.9	36.19	4.21	40.41	1620	AGM 7	13.32	MLV	386.71	42.000	0.375	0.375	35000		23	0.086					0.749	0.810	6:00	150	801	577	450	0.260	1.282	801	577							Pitting			
3811	Metal Loss	Int	5672.43	5672.2	37.45	2.95	40.41	1620	AGM 7	14.58	MLV	385.45	42.000	0.375	0.375	35000		28	0.106					1.011	0.887	6:09	150	799	575	450	0.261	1.278	797	574							Pitting			
3812	Metal Loss	Int	5673.85	5673.7	38.88	1.53	40.41	1620	AGM 7	16.00	MLV	384.03	42.000	0.375	0.375	35000		36	0.135					0.553	0.589	6:29	150	801	577	450	0.260	1.282	801	577							Pitting			
3813	Metal Loss	Int	5674.63	5674.5	39.66	0.75	40.41	1620	AGM 7	16.79	MLV	383.24	42.000	0.375	0.375	35000		17	0.064					0.407	0.568	5:59	150	803	578	450	0.260	1.285	803	578							Pitting			
3814	Metal Loss	Int	5674.69	5674.6	39.72	0.69	40.41	1620	AGM 7	16.84	MLV	383.19	42.000	0.375	0.375	35000		40	0.152					1.068	0.839	6:19	150	794	572	450	0.262	1.271	792	570							Pitting			
3815	Metal Loss	Int	5675.13	5675.1	40.15	0.25	40.41	1620	AGM 7	17.28	MLV	382.75	42.000	0.375	0.375	35000		24	0.089					0.989	1.056	6:07	150	800	576	450	0.260	1.280	799	575							Pitting			
3816	Girth Weld		5675.38	5675.3	40.41	40.61	40.61	1630	AGM 7	17.53	MLV	382.50	42.000	0.375	0.375	35000											150																	
3817	Metal Loss	Int	5676.62	5676.6	1.24	39.36	40.61	1630	AGM 7	18.78	MLV	381.25	42.000	0.375	0.375	35000		40	0.148					0.893	0.711	5:52	150	797	574	450	0.261	1.276	796	573							Pitting			
3818	Metal Loss	Int	5678.51	5678.6	3.13	37.47	40.61	1630	AGM 7	20.67	MLV	379.36	42.000	0.375	0.375	35000		17	0.063					0.373	0.540	6:46	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3819	Metal Loss	Int	5680.21	5680.4	4.83	35.78	40.61	1630	AGM 7	22.36	MLV	377.67	42.000	0.375	0.375	35000		41	0.155					1.040	1.234	5:56	150	795	572	450	0.262	1.271	792	570							Pitting			
3820	Metal Loss	Int	5680.51	5680.7	5.13	35.48	40.61	1630	AGM 7	22.66	MLV	377.37	42.000	0.375	0.375	35000		33	0.124					0.720	0.848	5:51	150	800	576	450	0.260	1.281	800	576							Pitting			
3821	Metal Loss	Int	5681.82	5682.1	6.44	34.16	40.61	1630	AGM 7	23.98	MLV	376.05	42.000	0.375	0.375	35000		18	0.068					0.811	1.145	6:07	150	802	577	450	0.260	1.283	801	577							Pitting			
3822	Metal Loss	Int	5682.29	5682.5	6.91	33.70	40.61	1630	AGM 7	24.44	MLV	375.59	42.000	0.375	0.375	35000		16	0.059					0.688	0.674	6:00	150	802	578	450	0.260	1.284	802	577							Pitting			
3823	Metal Loss	Int	5683.89	5684.2	8.51	32.09	40.61	1630	AGM 7	26.05	MLV	373.98	42.000	0.375	0.375	35000		30	0.113					0.913	1.115	6:01	150	799	575	450	0.261	1.279	798	575							Pitting			
3824	Metal Loss	Int	5686.43	5686.9	11.05	29.55	40.61	1630	AGM 7	28.59	MLV	371.45	42.000	0.375	0.375	35000		30	0.111					0.672	0.564	6:02	150	801	577	450	0.260	1.282	801	577							Pitting			
3825	Metal Loss	Int	5686.60	5687.0	11.22	29.39	40.61	1630	AGM 7	28.75	MLV	371.28	42.000	0.375	0.375	35000		21	0.077					0.735	0.886	5:53	150	802	577	450	0.260	1.283	801	577							Pitting			
3826	Metal Loss	Int	5687.55	5688.0	12.17	28.44	40.61	1630	AGM 7	29.70	MLV	370.33	42.000	0.375	0.375	35000		21	0.077					0.654	0.695	5:46	150	802	578	450	0.260	1.283	802	577							Pitting			
3827	Metal Loss	Int	5688.78	5689.3	13.40	27.21	40.61	1630	AGM 7	30.93	MLV	369.10	42.000	0.375	0.375	35000		26	0.097					0.775	0.797	6:13	150	801	577	450	0.260	1.281	800	576							Pitting			
3828	Metal Loss	Int	5689.31	5689.9	13.93	26.68	40.61	1630	AGM 7	31.46	MLV	368.57	42.000	0.375	0.375	35000		18	0.069					0.550	0.660	5:54	150	803	578	450	0.260	1.284	802	577							Pitting			
3829	Metal Loss	Int	5690.05	5690.6	14.67	25.94	40.61	1630	AGM 7	32.20	MLV	367.83	42.000	0.375	0.375	35000		16	0.059					0.380	0.542	5:53	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			

Feature Number (sequential order)	Pipeline Feature	INT/ EXT (ID/OD)	Odometer	Station Number	Distance to U/S weld	Distance to D/S weld	Joint Length	Defect Joint Number	Upstream (U/S) Reference Name	Upstream (U/S) Reference Distance from:	Downstream (D/S) Reference Name	Downstream (D/S) Reference Distance to:	Diameter	Nominal Wall Thickness	Measured Wall Thickness	Pipe Grade (SMYS)	Long Seam Orientation	Metal Loss Depth	Metal Loss Depth	Deformation Depth	Deformation Depth	Crack Depth	Crack Depth	Length	Width	Orientation	MOP	Modified B31.G Modified B31.G P_{BURST}	Modified B31.G Modified B31.G P_{SAFE}	Design Pressure (72% SMYS)	ERF MOP / P_{SAFE}	RPR P_{BURST} / 100% SMYS	Effective Area P_{BURST}	Effective Area P_{SAFE}	Group Number	Group Category	NAD 83 Latitude	NAD 83 Longitude	NAVD 88 Elevation	Comments	POF classification	Excavation/ Repair Required	SPLC Notes	Tool Type/ Technology
			(feet)	(feet)	(feet)	(feet)	(feet)			(feet)		(feet)	(inch)	(inch)	(inch)	(psi)		(%)	(inch)	(%)	(inch)	(%)	(inch)	(inch)	(inch)	(O'clock)	(psi)	(psi)	(psi)	(psi)			(psi)	(psi)					(feet)			Target/Yes/AGM		
3830	Metal Loss	Int	5693.52	5694.3	18.14	22.47	40.61	1630	AGM 7	35.67	MLV	364.36	42.000	0.375	0.375	35000		26	0.098					0.870	0.914	6:01	150	800	576	450	0.260	1.280	799	575							Pitting			
3831	Metal Loss	Int	5695.22	5696.0	19.84	20.77	40.61	1630	AGM 7	37.37	MLV	362.66	42.000	0.375	0.375	35000		17	0.065					0.494	0.663	5:55	150	803	578	450	0.260	1.285	803	578							Pitting			
3832	Metal Loss	Int	5696.81	5697.7	21.43	19.17	40.61	1630	AGM 7	38.97	MLV	361.06	42.000	0.375	0.375	35000		18	0.067					0.315	0.550	4:57	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3833	Metal Loss	Int	5709.25	5710.7	33.87	6.74	40.61	1630	AGM 7	51.40	MLV	348.63	42.000	0.375	0.375	35000		26	0.099					0.647	0.793	6:05	150	802	577	450	0.260	1.283	801	577							Pitting			
3834	Girth Weld		5715.99	5717.8	40.61	40.68	40.68	1640	AGM 7	58.14	MLV	341.89	42.000	0.375	0.375	35000											150																	
3835	Metal Loss	Int	5723.00	5725.1	7.02	33.66	40.68	1640	AGM 7	65.16	MLV	334.87	42.000	0.375	0.375	35000		19	0.072					0.697	0.792	5:53	150	802	577	450	0.260	1.283	802	577							Pitting			
3836	Metal Loss	Int	5723.98	5726.1	8.00	32.68	40.68	1640	AGM 7	66.14	MLV	333.89	42.000	0.375	0.375	35000		15	0.058					0.519	0.780	6:04	150	803	578	450	0.260	1.285	803	578							Pitting			
3837	Metal Loss	Int	5725.50	5727.7	9.51	31.17	40.68	1640	AGM 7	67.65	MLV	332.38	42.000	0.375	0.375	35000		19	0.070					0.920	1.006	6:01	150	801	577	450	0.260	1.282	801	577							Pitting			
3838	Metal Loss	Int	5726.48	5728.7	10.49	30.18	40.68	1640	AGM 7	68.63	MLV	331.40	42.000	0.375	0.375	35000		21	0.079					0.989	0.865	5:53	150	800	576	450	0.260	1.280	800	576							Pitting			
3839	Metal Loss	Int	5728.13	5730.4	12.15	28.53	40.68	1640	AGM 7	70.28	MLV	329.75	42.000	0.375	0.375	35000		15	0.056					0.885	0.603	5:09	150	802	577	450	0.260	1.283	801	577							Pitting			
3840	Metal Loss	Int	5729.41	5731.8	13.42	27.25	40.68	1640	AGM 7	71.56	MLV	328.47	42.000	0.375	0.375	35000		32	0.120					1.006	0.858	6:06	150	798	574	450	0.261	1.276	796	573							Pitting			
3841	Metal Loss	Int	5730.35	5732.8	14.36	26.31	40.68	1640	AGM 7	72.50	MLV	327.53	42.000	0.375	0.375	35000		20	0.073					0.407	0.554	5:59	150	803	578	450	0.260	1.285	803	578							Pitting			
3842	Metal Loss	Int	5731.53	5734.0	15.54	25.13	40.68	1640	AGM 7	73.68	MLV	326.35	42.000	0.375	0.375	35000		17	0.063					0.957	0.946	6:03	150	801	577	450	0.260	1.282	801	577							Pitting			
3843	Metal Loss	Int	5732.11	5734.6	16.13	24.55	40.68	1640	AGM 7	74.27	MLV	325.76	42.000	0.375	0.375	35000		16	0.059					0.765	0.680	5:59	150	802	578	450	0.260	1.283	802	577							Pitting			
3844	Metal Loss	Int	5736.71	5739.4	20.72	19.96	40.68	1640	AGM 7	78.86	MLV	321.17	42.000	0.375	0.375	35000		16	0.061					0.756	0.675	6:04	150	802	578	450	0.260	1.283	802	577							Pitting			
3845	Metal Loss	Int	5738.89	5741.7	22.90	17.77	40.68	1640	AGM 7	81.04	MLV	318.99	42.000	0.375	0.375	35000		18	0.069					0.802	0.619	6:00	150	802	577	450	0.260	1.283	801	577							Pitting			
3846	Metal Loss	Int	5742.84	5745.8	26.86	13.82	40.68	1640	AGM 7	85.00	MLV	315.03	42.000	0.375	0.375	35000		16	0.061					1.162	1.202	6:03	150	800	576	450	0.260	1.280	800	576							Pitting			
3847	Metal Loss	Int	5744.25	5747.3	28.27	12.41	40.68	1640	AGM 7	86.41	MLV	313.62	42.000	0.375	0.375	35000		35	0.133					1.196	0.919	5:59	150	794	572	450	0.262	1.271	792	570							Pitting			
3848	Metal Loss	Int	5746.69	5749.8	30.70	9.97	40.68	1640	AGM 7	88.84	MLV	311.19	42.000	0.375	0.375	35000		41	0.153					0.980	0.776	6:00	150	796	573	450	0.262	1.273	793	571							Pitting			
3849	Metal Loss	Int	5750.84	5754.2	34.85	5.82	40.68	1640	AGM 7	92.99	MLV	307.04	42.000	0.375	0.375	35000		21	0.080					0.968	0.699	6:05	150	800	576	450	0.260	1.281	800	576							Pitting			
3850	Metal Loss	Int	5751.42	5754.8	35.44	5.24	40.68	1640	AGM 7	93.58	MLV	306.45	42.000	0.375	0.375	35000		38	0.144					0.859	0.691	6:04	150	798	575	450	0.261	1.277	796	573							Pitting			
3851	Metal Loss	Int	5754.32	5757.8	38.34	2.34	40.68	1640	AGM 7	96.48	MLV	303.55	42.000	0.375	0.375	35000		25	0.095					0.939	0.791	5:58	150	800	576	450	0.260	1.280	799	575							Pitting			
3852	Metal Loss	Int	5754.98	5758.5	38.99	1.69	40.68	1640	AGM 7	97.13	MLV	302.90	42.000	0.375	0.375	35000		18	0.067					1.035	1.159	5:57	150	801	576	450	0.260	1.281	800	576							Pitting			
3853	Metal Loss	Int	5756.05	5759.6	40.06	0.61	40.68	1640	AGM 7	98.20	MLV	301.83	42.000	0.375	0.375	35000		21	0.079					0.936	0.836	5:58	150	801	576	450	0.260	1.281	800	576							Pitting			
3854	Girth Weld		5756.66	5760.3	40.68	39.92	39.92	1650	AGM 7	98.81	MLV	301.22	42.000	0.375	0.375	35000											150																	
3855	Metal Loss	Int	5757.57	5761.2	0.91	39.01	39.92	1650	AGM 7	99.72	MLV	300.31	42.000	0.375	0.375	35000		22	0.083					0.829	0.739	6:06	150	801	577	450	0.260	1.282	801	577							Pitting			
3856	Metal Loss	Int	5757.63	5761.3	0.96	38.96	39.92	1650	AGM 7	99.78	MLV	300.25	42.000	0.375	0.375	35000		21	0.080					1.055	0.661	5:31	150	800	576	450	0.260	1.280	799	575							Pitting			
3857	Metal Loss	Int	5758.33	5762.0	1.67	38.25	39.92	1650	AGM 7	100.49	MLV	299.54	42.000	0.375	0.375	35000		18	0.069					0.649	0.670	6:03	150	802	578	450	0.260	1.284	802	577							Pitting			
3858	Metal Loss	Int	5759.79	5763.5	3.13	36.79	39.92	1650	AGM 7	101.94	MLV	298.09	42.000	0.375	0.375	35000		24	0.090					1.120	0.966	6:04	150	799	575	450	0.261	1.278	797	574							Pitting			
3859	Metal Loss	Int	5760.19	5763.9	3.53	36.39	39.92	1650	AGM 7	102.35	MLV	297.69	42.000	0.375	0.375	35000		25	0.093					0.923	0.581	6:00	150	800	576	450	0.260	1.280	799	575							Pitting			
3860	Cluster	Int	5760.94	5764.7	4.28	35.64	39.92	1650	AGM 7	103.10	MLV	296.93	42.000	0.375	0.375	35000		29	0.107					0.751	1.506	7:02	150	801	577	450	0.260	1.281	800	576						CLS C				
3861	Metal Loss	Int	5762.60	5766.5	5.94	33.98	39.92	1650	AGM 7	104.75	MLV	295.28	42.000	0.375	0.375	35000		48	0.181					1.194	0.838	6:04	150	789	568	450	0.264	1.262	784	564							Pitting			
3862	Metal Loss	Int	5763.02	5766.9	6.35	33.57	39.92	1650	AGM 7	105.17	MLV	294.86	42.000	0.375	0.375	35000		20	0.074					0.802	0.635	6:05	150	802	577	450	0.260	1.282	801	577							Pitting			
3863	Metal Loss	Int	5763.29	5767.2	6.63	33.29	39.92	1650	AGM 7	105.44	MLV	294.59	42.000	0.375	0.375	35000		26	0.097					1.176	1.184	6:08	150	798	574	450	0.261	1.276	796	573							Pitting			
3864	Metal Loss	Int	5765.69	5769.7	9.03	30.90	39.92	1650	AGM 7	107.84	MLV	292.19	42.000	0.375	0.375	35000		26	0.099					0.795	0.508	5:59	150	801	577	450	0.260	1.281	800	576							Pitting			
3865	Metal Loss	Int	5766.49	5770.5	9.83	30.09	39.92	1650	AGM 7	108.65	MLV	291.38	42.000	0.375	0.375	35000		47	0.175					1.219	1.326	6:01	150	789	568	450	0.264	1.262	784	564							General Metal-loss			
3866	Metal Loss	Int	5767.24	5771.3	10.58	29.34	39.92	1650	AGM 7	109.39	MLV	290.64	42.000	0.375	0.375	35000		21	0.078					0.836	0.649	6:02	150	801	577	450	0.260	1.282	801	577							Pitting			
3867	Metal Loss	Int	5768.30	5772.4	11.64	28.28	39.92	1650	AGM 7	110.45	MLV	289.58	42.000	0.375	0.375	35000		31	0.118					1.097	1.210	5:57	150	797	574	450	0.261	1.275	795	572							Pitting			
3868	Metal Loss	Int	5769.56	5773.7	12.90	27.02	39.92	1650	AGM 7	111.71	MLV	288.32	42.000	0.375	0.375	35000		55	0.207					1.537	1.469	6:02	150	774	557	450	0.269	1.238	763	549							General Metal-loss			
3869	Metal Loss	Int	5770.06	5774.3	13.40	26.52	39.92	1650	AGM 7	112.22	MLV	287.81	42.000	0.375	0.375	35000		23	0.087					0.473	0.558	4:24	150	803	578	450	0.260	1.284	802	577							Pitting			
3870	Metal Loss	Int	5770.52	5774.7	13.86	26.06	39.92	1650	AGM 7	112.67	MLV	287.36	42.000	0.375	0.375	35000		27	0.100					1.298	1.393	6:02	150	796	573	450	0.262	1.274	794	572							General Metal-loss			
3871	Metal Loss	Int	5771.09	5775.3	14.43	25.49	39.92	1650	AGM 7	113.24	MLV	286.79	42.000	0.375	0.375	35000		30	0.113					1.136	1.466	5:59	150	797	574	450	0.261	1.275	795	572							Pitting			
3872	Metal Loss	Int	5773.39	5777.7	16.72	23.20	39.92	1650	AGM 7	115.54	MLV	284.49	42.000	0.375	0.375	35000		44	0.166					1.236	0.861	5:58	150	790	569	450	0.264	1.264	785	565							Pitting			
3873	Metal Loss	Int	5773.83	5778.2	17.17	22.75	39.92	1650	AGM 7	115.98	MLV	284.05	42.000	0.375	0.375	35000		45	0.170					1.239	1.235	6:00	150	789	568	450	0.264	1.263	785	565							General Metal-loss			
3874	Cluster	Int	5775.61	5780.1	18.95	20.97	39.92	1650	AGM 7	117.77	MLV	282.26	42.000	0.375	0.375	35000		31	0.116					2.604	2.027	5:58	150	772	556	450	0.270	1.236	785	565						CLS C				
3875	Metal Loss	Int	5778.49	5783.1	21.83	18.09	39.92	1650	AGM 7	120.65	MLV	279.38	42.000	0.375	0.375	35000		21	0.077					0.671	0.898	4:48	150	802	577	450	0.260	1.283	802	577							Pitting			
3876	Metal Loss	Int	5778.65	5783.2	21.99	17.93	39.92	1650	AGM 7	120.81	MLV	279.22	42.000	0.375	0.375	35000		48	0.180					1.928	1.730	5:59	150	768	553	450	0.271	1.229	757	545							General Metal-loss			
3877	Metal Loss	Int	5779.33	5783.9	22.67	17.25	39.92	1650	AGM 7	121.49	MLV	278.55	42.000	0.375	0.375	35000		39	0.145					1.233	2.042	5:59	150	792	571	450	0.263	1.268	789	568							General Metal-loss			
3878	Metal Loss	Int	5780.51	5785.2	23.85	16.07	39.92	1650	AGM 7	122.66	MLV	277.37	42.000	0.375	0.375	35000		38	0.141					0.964	0.945	5:58	150	797	574	450	0.261	1.275	795	572							Pitting			
3879	Metal Loss	Int	5781.33	5786.0	24.67	15.25	39.92	1650	AGM 7	123.48	MLV	276.55	42.000	0.375	0.375	35000		17	0.063					0.676	0.609	7:08	150	802	578	450	0.260	1.284	802	577							Pitting			
3880	Metal Loss	Int	5781.77	5786.5	25.11	14.81	39.92	1650	AGM 7	123.92	MLV	276.11	42.000	0.375	0.375	35000		22	0.084					0.845	0.693	5:58	150	801	577	450	0.260	1.282	800	576							Pitting			
3881	Metal Loss	Int	5785.40	5790.3	28.74	11.18	39.92	1650	AGM 7	127.56	MLV	272.47	42.000	0.375	0.375	35000		15	0.057					0.587	0.538	5:57	150	803	578	450	0.260	1.284	803	578							Pitting			
3882	Metal Loss	Int	5788.74	5793.8	32.08	7.84	39.92	1650	AGM 7	130.90	MLV	269.13	42.000	0.375	0.375	35000		39	0.147					1.022	0.816	6:03	150	796	573	450	0.262	1.273	793	571							Pitting			
3883	Metal Loss	Int	5788.92	5794.0	32.25	7.67	39.92	1650	AGM 7	131.07	MLV	268.96	42.000	0.375	0.375	35000		17	0.062					0.916	0.914	5:55	150	801	577	450	0.260	1.282	801	577							Pitting			
3884	Metal Loss	Int	5790.84	5796.0	34.18	5.74	39.92	1650	AGM 7	133.00	MLV	267.03	42.000	0.375	0.375	35000		21	0.079					1.118	0.734	6:02	150	799	576	450	0.260	1.279	798	575							Pitting			
3885	Metal Loss	Int	5791.05	5796.2	34.39	5.53	39.92	1650	AGM 7	133.21	MLV	266.82	42.000	0.375	0.375	35000		37	0.139					0.945	1.476	6:05	150	797	574	450	0.261	1.276	795	572							Pitting			
3886	Metal Loss	Int	5792.31	5797.5	35.65	4.27	39.92	1650	AGM 7	134.46	MLV	265.57	42.000	0.375	0.375	35000		18	0.068					0.808	0.932	7:09	150	802	577	450	0.260	1.283	801	577							Pitting			
3887	Metal Loss	Int	5792.58	5797.8	35.92	4.00	39.92	1650	AGM 7	134.74	MLV	265.29	42.000	0.375	0.375	35000		21	0.077					0.522	0.575	4:47	150	803	578	450	0.260	1.284	802	577							Pitting			
3888	Metal Loss	Int	5792.76	5798.0	36.10	3.82	39.92	1650	AGM 7	134.92	MLV	265.11	42.000	0.375	0.375	35000		28	0.105					0.854	0.743	6:13	150	800	576	450	0.260	1.280	799	575							Pitting			
3889	Metal Loss	Int	5793.07	5798.3	36.40	3.52	39.92	1650	AGM 7	135.22	MLV	264.81	42.000	0.375	0.375	35000		16	0.059					0.327	0.533	4:41	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3890	Metal Loss	Int	5794.63	5799.9	37.97	1.95	39.92	1650	AGM 7	136.79	MLV	263.24	42.000	0.375	0.375	35000		32	0.120					1.153	1.360	6:04	150	796	573	450	0.262	1.274	794	572							Pitting			
3891	Girth Weld		5796.58	5802.0	39.92	40.77	40.77	1660	AGM 7	138.74	MLV	261.29	42.000	0.375	0.375	35000											150																	
3892	Metal Loss	Int	5798.74	5804.2	2.16	38.61	40.77	1660	AGM 7	140.90	MLV	259.13	42.000	0.375	0.375	35000		25	0.094					1.742	0.794	6:21	150	792	570	450	0.263	1.267	789	568							Axial Grooving			
3893	Metal Loss	Int	5799.89	5805.4	3.31	37.46	40.77	1660	AGM 7	142.05	MLV	257.99	42.000	0.375	0.375	35000		21	0.079					0.843	0.654	6:09	150	801	577	450	0.260	1.282	801	577							Pitting			
3894	Metal Loss	Int	5801.89	5807.5	5.31	35.46	40.77	1660	AGM 7	144.04	MLV	255.99	42.000	0.375	0.375	35000		27	0.100					0.992	1.174	5:53	150	799	575	450	0.261	1.279	798	575							Pitting			
3895	Metal Loss	Int	5803.16	5808.8	6.58	34.19	40.77	1660	AGM 7	145.31	MLV	254.72	42.000	0.375	0.375	35000		35	0.130					1.011	1.015	5:53	150	797	574	450	0.261	1.275	795	572							Pitting			
3896	Metal Loss	Int	5805.83	5811.6	9.25	31.52	40.77	1660	AGM 7	147.99	MLV	252.04	42.000	0.375	0.375	35000		27	0.101					1.022	0.958	5:56	150	799	575	450	0.261	1.278	798	575							Pitting			
3897	Metal Loss	Int	5807.02	5812.9	10.44	30.33	40.77	1660	AGM 7	149.17	MLV	250.86	42.000	0.375	0.375	35000		21	0.080					0.680	0.620	6:36	150	802	577	450	0.260	1.283	802	577							Pitting			
3898	Metal Loss	Int	5807.13	5813.0	10.54	30.22	40.77	1660	AGM 7	149.28	MLV	250.75	42.000	0.375	0.375	35000		24	0.091					0.962	1.088	6:02	150	800	576	450	0.260	1.280	799	575							Pitting			
3899	Metal Loss	Int	5807.62	5813.5	11.04	29.73	40.77	1660	AGM 7	149.78	MLV	250.25	42.000	0.375	0.375	35000		23	0.087					1.088	1.521	5:51	150	799	575	450	0.261	1.279	798	575							Pitting			
3900	Metal Loss	Int	5807.92	5813.8	11.34	29.43	40.77	1660	AGM 7	150.07	MLV	249.96	42.000	0.375	0.375	35000		15	0.057					0.538	0.627	6:00	150	803	578	450	0.260	1.285	803	578							Pitting			
3901	Metal Loss	Int	5810.24	5816.2	13.66	27.11	40.77	1660	AGM 7	152.40	MLV	247.63	42.000	0.375	0.375	35000		17	0.063					1.104	0.742	6:05	150	800	576	450	0.260	1.281	800	576							Pitting			
3902	Metal Loss	Int	5810.54	5816.5	13.96	26.81	40.77	1660	AGM 7	152.69	MLV	247.34	42.000	0.375	0.375	35000		23	0.088					1.064	1.015	6:20	150	799	575	450	0.261	1.279	798	575							Pitting			
3903	Metal Loss	Int	5811.08	5817.1	14.50	26.27	40.77	1660	AGM 7	153.24	MLV	246.79	42.000	0.375	0.375	35000		27	0.101					1.075	0.970	5:51	150	798	575	450	0.261	1.277	797	574							Pitting			
3904	Metal Loss	Int	5811.66	5817.7	15.08	25.69	40.77	1660	AGM 7	153.81	MLV	246.22	42.000	0.375	0.375	35000		21	0.079					0.515	0.573	4:45	150	803	578	450	0.260	1.284	802	577							Pitting			
3905	Metal Loss	Int	5813.06	5819.2	16.48	24.29	40.77	1660	AGM 7	155.22	MLV	244.81	42.000	0.375	0.375	35000		32	0.121					0.927	0.601	5:59	150	799	575	450	0.261	1.278	797	574							Pitting			
3906	Metal Loss	Int	5813.72	5819.9	17.14	23.63	40.77	1660	AGM 7	155.88	MLV	244.15	42.000	0.375	0.375	35000		29	0.110					0.921	0.684	6:33	150	799	575	450	0.261	1.279	798	575							Pitting			
3907	Metal Loss	Int	5815.08	5821.3	18.50	22.27	40.77	1660	AGM 7	157.23	MLV	242.80	42.000	0.375	0.375	35000		27	0.100					1.195	1.142	6:05	150	797	574	450	0.261	1.276	796	573							Pitting			
3908	Metal Loss	Int	5815.69	5821.9	19.10	21.66	40.77	1660	AGM 7	157.84	MLV	242.19	42.000	0.375	0.375	35000		17	0.063					0.796	0.726	6:32	150	802	577	450	0.260	1.283	802	577							Pitting			
3909	Metal Loss	Int	5815.88	5822.1	19.29	21.47	40.77	1660	AGM 7	158.03	MLV	242.00	42.000	0.375	0.375	35000		30	0.114					1.045	0.830	5:56	150	798	574	450	0.261	1.276	796	573							Pitting			
3910	Metal Loss	Int	5818.53	5824.9	21.95	18.82	40.77	1660	AGM 7	160.68	MLV	239.35	42.000	0.375	0.375	35000		22	0.082					1.367	1.138	6:10	150	797	574	450	0.261	1.275	796	573							Pitting			
3911	Metal Loss	Int	5819.14	5825.5	22.55	18.22	40.77	1660	AGM 7	161.29	MLV	238.74	42.000	0.375	0.375	35000		29	0.109					0.975	0.887	5:58	150	799	575	450	0.261	1.278	798	575							Pitting			
3912	Metal Loss	Int	5819.84	5826.3	23.26	17.51	40.77	1660	AGM 7	161.99	MLV	238.04	42.000	0.375	0.375	35000		29	0.107					0.664	0.574	6:32	150	801	577	450	0.260	1.282	801	577							Pitting			
3913	Metal Loss	Int	5820.06	5826.5	23.48	17.29	40.77	1660	AGM 7	162.21	MLV	237.82	42.000	0.375	0.375	35000		21	0.079					0.907	0.613	6:30	150	801	577	450	0.260	1.281	800	576							Pitting			
3914	Metal Loss	Int	5820.25	5826.7	23.66	17.10	40.77	1660	AGM 7	162.40	MLV	237.63	42.000	0.375	0.375	35000		20	0.075					0.534	0.611	6:32	150	803	578	450	0.260	1.284	802	577							Pitting			
3915	Metal Loss	Int	5820.51	5827.0	23.92	16.84	40.77	1660	AGM 7	162.66	MLV	237.37	42.000	0.375	0.375	35000		21	0.079					0.600	0.602	6:34	150	802	578	450	0.260	1.284	802	577							Pitting			
3916	Metal Loss	Int	5820.81	5827.3	24.23	16.54	40.77	1660	AGM 7	162.97	MLV	237.06	42.000	0.375	0.375	35000		20	0.075					0.473	0.537	6:39	150	803	578	450	0.260	1.285	803	578							Pitting			
3917	Metal Loss	Int	5821.17	5827.7	24.59	16.18	40.77	1660	AGM 7	163.32	MLV	236.71	42.000	0.375	0.375	35000		21	0.078					1.086	0.749	6:34	150	800	576	450	0.260	1.279	799	575							Pitting			
3918	Metal Loss	Int	5821.62	5828.1	25.04	15.73	40.77	1660	AGM 7	163.77	MLV	236.26	42.000	0.375	0.375	35000		29	0.110					0.736	0.596	6:10	150	801	577	450	0.260	1.281	800	576							Pitting			
3919	Metal Loss	Int	5822.56	5829.1	25.98	14.79	40.77	1660	AGM 7	164.72	MLV	235.31	42.000	0.375	0.375	35000		19	0.069					0.719	0.649	6:20	150	802	577	450	0.260	1.283	802	577							Pitting			
3920	Metal Loss	Int	5822.60	5829.2	26.02	14.75	40.77	1660	AGM 7	164.75	MLV	235.28	42.000	0.375	0.375	35000		24	0.092					1.489	0.715	6:03	150	795	572	450	0.262	1.272	793	571							Axial Grooving			
3921	Metal Loss	Int	5824.95	5831.6	28.37	12.40	40.77	1660	AGM 7	167.10	MLV	232.93	42.000	0.375	0.375	35000		28	0.104					0.940	1.095	6:02	150	799	576	450	0.260	1.279	798	575							Pitting			
3922	Metal Loss	Int	5828.02	5834.8	31.44	9.33	40.77	1660	AGM 7	170.17	MLV	229.86	42.000	0.375	0.375	35000		34	0.127					0.973	0.652	6:42	150	798	574	450	0.261	1.276	796	573							Pitting			
3923	Metal Loss	Int	5828.17	5835.0	31.59	9.18	40.77	1660	AGM 7	170.32	MLV	229.71	42.000	0.375	0.375	35000		28	0.106					1.171	0.768	6:02	150	797	574	450	0.261	1.275	795	572							Pitting			
3924	Metal Loss	Int	5828.80	5835.6	32.21	8.55	40.77	1660	AGM 7	170.95	MLV	229.08	42.000	0.375	0.375	35000		29	0.108					1.301	1.757	5:59	150	795	573	450	0.262	1.273	793	571							General Metal-loss			
3925	Metal Loss	Int	5829.51	5836.4	32.93	7.84	40.77	1660	AGM 7	171.66	MLV	228.37	42.000	0.375	0.375	35000		21	0.079					1.077	1.029	6:03	150	800	576	450	0.260	1.279	799	575							Pitting			
3926	Metal Loss	Int	5830.29	5837.2	33.71	7.06	40.77	1660	AGM 7	172.45	MLV	227.58	42.000	0.375	0.375	35000		23	0.087					1.302	0.815	6:04	150	797	574	450	0.261	1.276	796	573							Pitting			
3927	Metal Loss	Int	5831.24	5838.2	34.66	6.11	40.77	1660	AGM 7	173.39	MLV	226.64	42.000	0.375	0.375	35000		27	0.100					1.267	1.079	6:05	150	796	573	450	0.262	1.274	795	572							Pitting			
3928	Metal Loss	Int	5831.94	5838.9	35.36	5.41	40.77	1660	AGM 7	174.10	MLV	225.93	42.000	0.375	0.375	35000		16	0.061					1.349	0.804	6:09	150	799	575	450	0.261	1.279	798	575							Pitting			
3929	Metal Loss	Int	5832.76	5839.8	36.18	4.59	40.77	1660	AGM 7	174.92	MLV	225.11	42.000	0.375	0.375	35000		36	0.135					1.107	1.221	6:01	150	795	573	450	0.262	1.272	793	571							Pitting			
3930	Girth Weld		5837.35	5844.6	40.77	38.81	38.81	1670	AGM 7	179.50	MLV	220.53	42.000	0.375	0.375	35000											150																	
3931	Metal Loss	Int	5837.78	5845.0	0.43	38.38	38.81	1670	AGM 7	179.93	MLV	220.10	42.000	0.375	0.375	35000		25	0.092					1.024	0.719	6:16	150	799	576	450	0.260	1.279	798	575							Pitting			
3932	Metal Loss	Int	5839.54	5846.9	2.19	36.62	38.81	1670	AGM 7	181.70	MLV	218.33	42.000	0.375	0.375	35000		15	0.057					1.060	1.421	6:48	150	801	577	450	0.260	1.282	800	576							Pitting			
3933	Metal Loss	Int	5841.29	5848.7	3.94	34.87	38.81	1670	AGM 7	183.44	MLV	216.59	42.000	0.375	0.375	35000		26	0.097					0.779	0.823	6:12	150	801	577	450	0.260	1.281	800	576							Pitting			
3934	Metal Loss	Int	5841.86	5849.3	4.51	34.29	38.81	1670	AGM 7	184.02	MLV	216.01	42.000	0.375	0.375	35000		23	0.085					0.963	0.825	6:04	150	800	576	450	0.260	1.280	799	575							Pitting			
3935	Metal Loss	Int	5842.06	5849.5	4.71	34.10	38.81	1670	AGM 7	184.21	MLV	215.82	42.000	0.375	0.375	35000		16	0.059					1.021	0.848	5:57	150	801	577	450	0.260	1.282	801	577							Pitting			
3936	Metal Loss	Int	5842.54	5850.0	5.19	33.61	38.81	1670	AGM 7	184.70	MLV	215.33	42.000	0.375	0.375	35000		24	0.089					0.959	1.279	6:06	150	800	576	450	0.260	1.280	799	575							Pitting			
3937	Metal Loss	Int	5843.95	5851.5	6.60	32.21	38.81	1670	AGM 7	186.11	MLV	213.92	42.000	0.375	0.375	35000		35	0.131					1.586	1.352	6:08	150	788	567	450	0.265	1.261	784	564							General Metal-loss			
3938	Metal Loss	Int	5844.21	5851.7	6.86	31.95	38.81	1670	AGM 7	186.36	MLV	213.67	42.000	0.375	0.375	35000		24	0.089					1.282	1.203	6:03	150	797	574	450	0.261	1.276	796	573							General Metal-loss			
3939	Metal Loss	Int	5845.22	5852.8	7.87	30.94	38.81	1670	AGM 7	187.37	MLV	212.66	42.000	0.375	0.375	35000		18	0.067					1.614	1.616	6:07	150	797	574	450	0.261	1.275	795	572							General Metal-loss			
3940	Metal Loss	Int	5846.35	5854.0	9.00	29.80	38.81	1670	AGM 7	188.51	MLV	211.52	42.000	0.375	0.375	35000		26	0.099					1.652	1.767	6:07	150	792	570	450	0.263	1.267	789	568							General Metal-loss			
3941	Metal Loss	Int	5848.85	5856.6	11.50	27.31	38.81	1670	AGM 7	191.00	MLV	209.03	42.000	0.375	0.375	35000		24	0.090					0.963	0.617	6:07	150	800	576	450	0.260	1.280	799	575							Pitting			
3942	Metal Loss	Int	5850.13	5857.9	12.78	26.03	38.81	1670	AGM 7	192.28	MLV	207.75	42.000	0.375	0.375	35000		24	0.091					0.652	0.541	7:24	150	802	577	450	0.260	1.283	801	577							Pitting			
3943	Metal Loss	Int	5853.65	5861.6	16.30	22.50	38.81	1670	AGM 7	195.81	MLV	204.22	42.000	0.375	0.375	35000		16	0.061					0.948	1.252	6:00	150	801	577	450	0.260	1.282	801	577							Pitting			
3944	Metal Loss	Int	5856.65	5864.7	19.30	19.50	38.81	1670	AGM 7	198.81	MLV	201.22	42.000	0.375	0.375	35000		44	0.164					1.255	0.953	5:55	150	790	569	450	0.264	1.263	785	565							Pitting			
3945	Metal Loss	Int	5857.05	5865.1	19.70	19.11	38.81	1670	AGM 7	199.20	MLV	200.83	42.000	0.375	0.375	35000		16	0.060					0.349	0.539	7:40	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3946	Metal Loss	Int	5859.24	5867.4	21.89	16.91	38.81	1670	AGM 7	201.40	MLV	198.63	42.000	0.375	0.375	35000		26	0.097					1.436	0.874	6:05	150	795	572	450	0.262	1.272	793	571							Pitting			
3947	Metal Loss	Int	5861.45	5869.7	24.10	14.71	38.81	1670	AGM 7	203.61	MLV	196.43	42.000	0.375	0.375	35000		20	0.074					1.373	0.965	5:59	150	798	574	450	0.261	1.277	797	574							Pitting			
3948	Metal Loss	Int	5862.45	5870.8	25.10	13.70	38.81	1670	AGM 7	204.61	MLV	195.42	42.000	0.375	0.375	35000		17	0.064					0.943	0.596	6:06	150	801	577	450	0.260	1.282	801	577							Pitting			
3949	Metal Loss	Int	5864.41	5872.8	27.06	11.75	38.81	1670	AGM 7	206.56	MLV	193.47	42.000	0.375	0.375	35000		20	0.074					1.073	0.725	6:01	150	800	576	450	0.260	1.280	799	575							Pitting			
3950	Metal Loss	Int	5864.72	5873.2	27.37	11.44	38.81	1670	AGM 7	206.87	MLV	193.16	42.000	0.375	0.375	35000		37	0.137					1.422	1.675	6:14	150	790	569	450	0.264	1.264	786	566							General Metal-loss			
3951	Metal Loss	Int	5870.58	5879.3	33.23	5.58	38.81	1670	AGM 7	212.73	MLV	187.30	42.000	0.375	0.375	35000		22	0.083					1.794	1.423	6:19	150	793	571	450	0.263	1.269	790	569							General Metal-loss			
3952	Metal Loss	Int	5871.16	5879.9	33.81	5.00	38.81	1670	AGM 7	213.31	MLV	186.72	42.000	0.375	0.375	35000		31	0.116					1.094	0.611	5:54	150	797	574	450	0.261	1.275	795	572							Pitting			
3953	Metal Loss	Int	5874.96	5883.9	37.61	1.20	38.81	1670	AGM 7	217.11	MLV	182.92	42.000	0.375	0.375	35000		23	0.088					1.470	1.056	6:06	150	796	573	450	0.262	1.273	794	572							Pitting			
3954	Girth Weld		5876.16	5885.1	38.81	40.91	40.91	1680	AGM 7	218.31	MLV	181.72	42.000	0.375	0.375	35000											150																	
3955	Metal Loss	Int	5876.86	5885.8	0.70	40.21	40.91	1680	AGM 7	219.01	MLV	181.02	42.000	0.375	0.375	35000		41	0.153					0.851	0.514	9:15	150	798	574	450	0.261	1.276	796	573							Pitting			
3956	Metal Loss	Int	5877.81	5886.8	1.65	39.26	40.91	1680	AGM 7	219.96	MLV	180.07	42.000	0.375	0.375	35000		20	0.074					0.572	0.653	6:05	150	803	578	450	0.260	1.284	802	577							Pitting			
3957	Metal Loss	Int	5880.43	5889.6	4.28	36.64	40.91	1680	AGM 7	222.59	MLV	177.44	42.000	0.375	0.375	35000		45	0.168					0.911	0.799	6:06	150	796	573	450	0.262	1.273	793	571							Pitting			
3958	Metal Loss	Int	5882.54	5891.8	6.38	34.53	40.91	1680	AGM 7	224.69	MLV	175.34	42.000	0.375	0.375	35000		19	0.072					0.495	0.571	6:10	150	803	578	450	0.260	1.284	803	578							Pitting			
3959	Cluster	Int	5883.15	5892.4	6.99	33.92	40.91	1680	AGM 7	225.31	MLV	174.72	42.000	0.375	0.375	35000		43	0.161					3.485	4.976	6:09	150	729	525	450	0.286	1.166	764	550						CLS C				
3960	Metal Loss	Int	5885.10	5894.5	8.95	31.97	40.91	1680	AGM 7	227.26	MLV	172.77	42.000	0.375	0.375	35000		23	0.086					0.515	0.566	6:08	150	803	578	450	0.260	1.284	802	577							Pitting			
3961	Metal Loss	Int	5885.39	5894.8	9.23	31.68	40.91	1680	AGM 7	227.54	MLV	172.49	42.000	0.375	0.375	35000		15	0.057					0.315	0.522	6:14	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
3962	Metal Loss	Int	5886.53	5895.9	10.37	30.54	40.91	1680	AGM 7	228.68	MLV	171.35	42.000	0.375	0.375	35000		37	0.139					1.037	1.040	6:07	150	796	573	450	0.262	1.273	794	572							Pitting			
3963	Metal Loss	Int	5887.23	5896.7	11.08	29.84	40.91	1680	AGM 7	229.39	MLV	170.64	42.000	0.375	0.375	35000		38	0.143					0.696	0.670	6:12	150	800	576	450	0.260	1.280	799	575							Pitting			
3964	Metal Loss	Int	5888.63	5898.1	12.47	28.44	40.91	1680	AGM 7	230.78	MLV	169.25	42.000	0.375	0.375	35000		50	0.187					1.244	1.138	6:13	150	786	566	450	0.265	1.258	781	562							Pitting			
3965	Metal Loss	Int	5890.43	5900.0	14.27	26.64	40.91	1680	AGM 7	232.58	MLV	167.45	42.000	0.375	0.375	35000		32	0.120					1.174	1.373	6:03	150	796	573	450	0.262	1.273	794	572							Pitting			
3966	Metal Loss	Int	5891.15	5900.8	14.99	25.92	40.91	1680	AGM 7	233.30	MLV	166.73	42.000	0.375	0.375	35000		32	0.119					1.037	1.377	6:23	150	797	574	450	0.261	1.276	796	573							Pitting			
3967	Metal Loss	Int	5892.30	5902.0	16.14	24.77	40.91	1680	AGM 7	234.45	MLV	165.58	42.000	0.375	0.375	35000		38	0.143					0.844	0.750	6:02	150	798	575	450	0.261	1.277	797	574							Pitting			
3968	Metal Loss	Int	5894.56	5904.3	18.41	22.51	40.91	1680	AGM 7	236.72	MLV	163.31	42.000	0.375	0.375	35000		38	0.142					0.921	1.116	6:08	150	797	574	450	0.261	1.276	796	573							Pitting			
3969	Metal Loss	Int	5895.51	5905.3	19.35	21.56	40.91	1680	AGM 7	237.66	MLV	162.37	42.000	0.375	0.375	35000		37	0.139					0.961	0.572	6:03	150	797	574	450	0.261	1.275	795	572							Pitting			
3970	Metal Loss	Int	5895.97	5905.8	19.82	21.10	40.91	1680	AGM 7	238.13	MLV	161.90	42.000	0.375	0.375	35000		46	0.173					1.079	1.018	6:05	150	792	570	450	0.263	1.267	788	567							Pitting			
3971	Metal Loss	Int	5896.15	5906.0	19.99	20.92	40.91	1680	AGM 7	238.30	MLV	161.73	42.000	0.375	0.375	35000		24	0.091					0.767	0.682	6:11	150	801	577	450	0.260	1.282	801	577							Pitting			
3972	Metal Loss	Int	5898.45	5908.4	22.30	18.62	40.91	1680	AGM 7	240.61	MLV	159.42	42.000	0.375	0.375	35000		33	0.125					1.455	1.168	6:12	150	791	570	450	0.263	1.266	788	567							Pitting			
3973	Metal Loss	Int	5899.48	5909.5	23.32	17.59	40.91	1680	AGM 7	241.63	MLV	158.40	42.000	0.375	0.375	35000		29	0.109					1.166	1.144	6:06	150	797	574	450	0.261	1.275	795	572							Pitting			
3974	Metal Loss	Int	5900.90	5911.0	24.74	16.17	40.91	1680	AGM 7	243.05	MLV	156.98	42.000	0.375	0.375	35000		53	0.199					1.285	1.218	6:07	150	783	564	450	0.266	1.254	776	559							General Metal-loss			
3975	Metal Loss	Int	5907.05	5917.4	30.89	10.02	40.91	1680	AGM 7	249.20	MLV	150.83	42.000	0.375	0.375	35000		31	0.115					1.314	1.420	5:35	150	794	572	450	0.262	1.271	792	570							General Metal-loss			
3976	Metal Loss	Int	5907.72	5918.1	31.56	9.35	40.91	1680	AGM 7	249.87	MLV	150.16	42.000	0.375	0.375	35000		46	0.173					1.088	1.481	6:06	150	792	570	450	0.263	1.267	788	567							Pitting			
3977	Metal Loss	Int	5909.35	5919.8	33.19	7.72	40.91	1680	AGM 7	251.50	MLV	148.53	42.000	0.375	0.375	35000		20	0.074					0.900	1.098	5:48	150	801	577	450	0.260	1.282	800	576							Pitting			
3978	Metal Loss	Int	5910.06	5920.5	33.90	7.01	40.91	1680	AGM 7	252.21	MLV	147.82	42.000	0.375	0.375	35000		22	0.081					0.753	0.836	6:04	150	802	577	450	0.260	1.283	801	577							Pitting			
3979	Metal Loss	Int	5910.54	5921.0	34.39	6.53	40.91	1680	AGM 7	252.70	MLV	147.33	42.000	0.375	0.375	35000		18	0.069					0.579	0.999	6:26	150	803	578	450	0.260	1.284	802	577							Pitting			
3980	Metal Loss	Int	5910.82	5921.3	34.66	6.25	40.91	1680	AGM 7	252.97	MLV	147.06	42.000	0.375	0.375	35000		39	0.145					1.028	0.918	6:08	150	796	573	450	0.262	1.273	793	571							Pitting			
3981	Metal Loss	Int	5911.88	5922.4	35.72	5.19	40.91	1680	AGM 7	254.03	MLV	146.00	42.000	0.375	0.375	35000		29	0.110					1.038	1.088	6:40	150	798	575	450	0.261	1.277	797	574							Pitting			
3982	Metal Loss	Int	5912.79	5923.4	36.63	4.28	40.91	1680	AGM 7	254.94	MLV	145.09	42.000	0.375	0.375	35000		21	0.080					0.908	0.918	6:14	150	801	577	450	0.260	1.281	800	576							Pitting			
3983	Girth Weld		5917.07	5927.9	40.91	39.89	39.89	1690	AGM 7	259.22	MLV	140.81	42.000	0.375	0.375	35000											150																	
3984	Cluster	Int	5917.99	5928.8	0.92	38.97	39.89	1690	AGM 7	260.15	MLV	139.88	42.000	0.375	0.375	35000		19	0.073					1.900	2.974	6:08	150	793	571	450	0.263	1.269	796	573						CLS C				
3985	Metal Loss	Int	5918.49	5929.4	1.42	38.47	39.89	1690	AGM 7	260.65	MLV	139.38	42.000	0.375	0.375	35000		22	0.082					0.799	0.805	6:01	150	801	577	450	0.260	1.282	801	577							Pitting			
3986	Metal Loss	Int	5919.35	5930.2	2.28	37.62	39.89	1690	AGM 7	261.50	MLV	138.53	42.000	0.375	0.375	35000		39	0.146					1.012	1.225	6:05	150	796	573	450	0.262	1.273	794	572							Pitting			
3987	Metal Loss	Int	5920.64	5931.6	3.57	36.32	39.89	1690	AGM 7	262.80	MLV	137.23	42.000	0.375	0.375	35000		15	0.057					0.856	0.939	6:22	150	802	577	450	0.260	1.283	802	577							Pitting			
3988	Metal Loss	Int	5921.04	5932.0	3.97	35.92	39.89	1690	AGM 7	263.19	MLV	136.84	42.000	0.375	0.375	35000		25	0.093					0.694	0.694	6:00	150	802	577	450	0.260	1.282	801	577							Pitting			
3989	Metal Loss	Int	5921.39	5932.4	4.32	35.58	39.89	1690	AGM 7	263.54	MLV	136.49	42.000	0.375	0.375	35000		17	0.062					0.458	0.583	6:19	150	803	578	450	0.260	1.285	803	578							Pitting			
3990	Metal Loss	Int	5922.21	5933.2	5.14	34.76	39.89	1690	AGM 7	264.36	MLV	135.67	42.000	0.375	0.375	35000		16	0.061					0.611	0.625	6:08	150	803	578	450	0.260	1.284	802	577							Pitting			
3991	Metal Loss	Int	5923.31	5934.4	6.24	33.66	39.89	1690	AGM 7	265.46	MLV	134.57	42.000	0.375	0.375	35000		41	0.155					0.810	1.544	6:02	150	798	575	450	0.261	1.277	796	573							Pitting			
3992	Metal Loss	Int	5923.55	5934.6	6.48	33.41	39.89	1690	AGM 7	265.71	MLV	134.32	42.000	0.375	0.375	35000		15	0.058					0.628	0.620	6:12	150	803	578	450	0.260	1.284	802	577							Pitting			
3993	Metal Loss	Int	5924.07	5935.2	7.00	32.89	39.89	1690	AGM 7	266.22	MLV	133.81	42.000	0.375	0.375	35000		19	0.072					0.581	0.579	6:00	150	803	578	450	0.260	1.284	802	577							Pitting			
3994	Metal Loss	Int	5924.41	5935.5	7.33	32.56	39.89	1690	AGM 7	266.56	MLV	133.47	42.000	0.375	0.375	35000		16	0.059					0.542	0.598	6:01	150	803	578	450	0.260	1.285	803	578							Pitting			
3995	Metal Loss	Int	5928.23	5939.5	11.16	28.74	39.89	1690	AGM 7	270.38	MLV	129.65	42.000	0.375	0.375	35000		23	0.088					1.253	1.399	6:07	150	798	574	450	0.261	1.276	796	573							General Metal-loss			
3996	Metal Loss	Int	5928.49	5939.8	11.42	28.47	39.89	1690	AGM 7	270.64	MLV	129.39	42.000	0.375	0.375	35000		23	0.086					0.988	1.149	6:00	150	800	576	450	0.260	1.280	799	575							Pitting			
3997	Metal Loss	Int	5929.14	5940.5	12.07	27.82	39.89	1690	AGM 7	271.30	MLV	128.73	42.000	0.375	0.375	35000		31	0.117					1.118	1.112	6:03	150	797	574	450	0.261	1.275	795	572							Pitting			
3998	Metal Loss	Int	5929.58	5940.9	12.51	27.38	39.89	1690	AGM 7	271.73	MLV	128.30	42.000	0.375	0.375	35000		22	0.084					0.700	0.847	5:28	150	802	577	450	0.260	1.283	801	577							Pitting			
3999	Metal Loss	Int	5930.38	5941.8	13.31	26.58	39.89	1690	AGM 7	272.54	MLV	127.49	42.000	0.375	0.375	35000		17	0.064					0.807	0.788	6:03	150	802	577	450	0.260	1.283	801	577							Pitting			
4000	Metal Loss	Int	5930.76	5942.2	13.69	26.20	39.89	1690	AGM 7	272.92	MLV	127.11	42.000	0.375	0.375	35000		47	0.175					0.981	0.995	6:03	150	794	572	450	0.262	1.270	791	570							Pitting			
4001	Metal Loss	Int	5931.62	5943.1	14.55	25.34	39.89	1690	AGM 7	273.78	MLV	126.26	42.000	0.375	0.375	35000		38	0.141					0.826	0.686	6:07	150	799	575	450	0.261	1.278	797	574							Pitting			
4002	Metal Loss	Int	5934.25	5945.8	17.18	22.72	39.89	1690	AGM 7	276.40	MLV	123.63	42.000	0.375	0.375	35000		16	0.059					0.731	0.898	6:38	150	802	578	450	0.260	1.284	802	577							Pitting			
4003	Metal Loss	Int	5935.00	5946.6	17.93	21.96	39.89	1690	AGM 7	277.16	MLV	122.87	42.000	0.375	0.375	35000		30	0.112					0.970	1.490	6:04	150	799	575	450	0.261	1.278	797	574							Pitting			
4004	Metal Loss	Int	5938.34	5950.1	21.26	18.63	39.89	1690	AGM 7	280.49	MLV	119.54	42.000	0.375	0.375	35000		39	0.146					1.121	1.598	6:06	150	794	572	450	0.262	1.271	791	570							Pitting			
4005	Metal Loss	Int	5939.16	5950.9	22.09	17.80	39.89	1690	AGM 7	281.31	MLV	118.72	42.000	0.375	0.375	35000		32	0.119					1.233	1.276	6:17	150	795	572	450	0.262	1.272	793	571							General Metal-loss			
4006	Metal Loss	Int	5939.79	5951.6	22.72	17.18	39.89	1690	AGM 7	281.94	MLV	118.09	42.000	0.375	0.375	35000		26	0.098					0.884	0.749	6:06	150	800	576	450	0.260	1.280	799	575							Pitting			
4007	Metal Loss	Int	5940.26	5952.1	23.19	16.71	39.89	1690	AGM 7	282.41	MLV	117.62	42.000	0.375	0.375	35000		23	0.087					0.725	1.129	6:09	150	802	577	450	0.260	1.282	801	577							Pitting			
4008	Metal Loss	Int	5940.66	5952.5	23.59	16.30	39.89	1690	AGM 7	282.81	MLV	117.22	42.000	0.375	0.375	35000		38	0.144					0.821	0.855	6:07	150	798	575	450	0.261	1.278	797	574							Pitting			
4009	Metal Loss	Int	5941.44	5953.3	24.36	15.53	39.89	1690	AGM 7	283.59	MLV	116.44	42.000	0.375	0.375	35000		28	0.104					0.846	0.975	6:07	150	800	576	450	0.260	1.280	799	575							Pitting			
4010	Metal Loss	Int	5942.45	5954.4	25.38	14.51	39.89	1690	AGM 7	284.61	MLV	115.42	42.000	0.375	0.375	35000		19	0.072					0.688	0.677	5:25	150	802	578	450	0.260	1.283	802	577							Pitting			
4011	Metal Loss	Int	5942.76	5954.7	25.69	14.21	39.89	1690	AGM 7	284.91	MLV	115.12	42.000	0.375	0.375	35000		25	0.095					0.485	0.641	5:33	150	803	578	450	0.260	1.284	802	577							Pitting			
4012	Metal Loss	Int	5942.79	5954.7	25.71	14.18	39.89	1690	AGM 7	284.94	MLV	115.09	42.000	0.375	0.375	35000		16	0.061					0.771	1.014	6:10	150	802	577	450	0.260	1.283	802	577							Pitting			

Reported Feature Reference

Feature Number (sequential order)	Pipeline Feature	INT/ EXT (ID/OD)	Odometer (feet)	Station Number (feet)	Distance to U/S weld (feet)	Distance to D/S weld (feet)	Joint Length (feet)	Defect Joint Number	Upstream (U/S) Reference Name	Upstream (U/S) Reference Distance from: (feet)	Downstream (D/S) Reference Name	Downstream (D/S) Reference Distance to: (feet)
4013	Metal Loss	Int	5943.86	5955.9	26.79	13.10	39.89	1690	AGM 7	286.01	MLV	114.02
4014	Metal Loss	Int	5944.16	5956.2	27.09	12.80	39.89	1690	AGM 7	286.31	MLV	113.72
4015	Metal Loss	Int	5945.21	5957.3	28.14	11.75	39.89	1690	AGM 7	287.37	MLV	112.66
4016	Metal Loss	Int	5946.15	5958.2	29.08	10.81	39.89	1690	AGM 7	288.30	MLV	111.73
4017	Metal Loss	Int	5949.60	5961.9	32.53	7.36	39.89	1690	AGM 7	291.75	MLV	108.28
4018	Metal Loss	Int	5949.95	5962.2	32.88	7.01	39.89	1690	AGM 7	292.10	MLV	107.93
4019	Metal Loss	Int	5951.09	5963.4	34.02	5.87	39.89	1690	AGM 7	293.24	MLV	106.79
4020	Metal Loss	Int	5954.09	5966.5	37.02	2.88	39.89	1690	AGM 7	296.24	MLV	103.79
4021	Metal Loss	Int	5954.32	5966.8	37.25	2.64	39.89	1690	AGM 7	296.47	MLV	103.56
4022	Girth Weld		5956.96	5969.5	39.89	40.70	40.70	1700	AGM 7	299.12	MLV	100.91
4023	Metal Loss	Int	5958.28	5970.9	1.32	39.39	40.70	1700	AGM 7	300.43	MLV	99.60
4024	Cluster	Int	5961.23	5974.0	4.27	36.44	40.70	1700	AGM 7	303.38	MLV	96.65
4025	Metal Loss	Int	5963.75	5976.6	6.79	33.92	40.70	1700	AGM 7	305.90	MLV	94.13
4026	Metal Loss	Int	5967.99	5981.1	11.03	29.67	40.70	1700	AGM 7	310.15	MLV	89.88
4027	Metal Loss	Int	5968.35	5981.4	11.39	29.32	40.70	1700	AGM 7	310.50	MLV	89.53
4028	Metal Loss	Int	5970.25	5983.4	13.29	27.42	40.70	1700	AGM 7	312.40	MLV	87.63
4029	Metal Loss	Int	5970.84	5984.1	13.88	26.82	40.70	1700	AGM 7	313.00	MLV	87.03
4030	Metal Loss	Int	5971.83	5985.1	14.87	25.84	40.70	1700	AGM 7	313.99	MLV	86.04
4031	Metal Loss	Int	5976.46	5989.9	19.50	21.21	40.70	1700	AGM 7	318.61	MLV	81.42
4032	Metal Loss	Int	5979.56	5993.2	22.60	18.10	40.70	1700	AGM 7	321.72	MLV	78.31
4033	Metal Loss	Int	5980.37	5994.0	23.41	17.29	40.70	1700	AGM 7	322.53	MLV	77.50
4034	Metal Loss	Int	5981.47	5995.2	24.51	16.20	40.70	1700	AGM 7	323.62	MLV	76.41
4035	Metal Loss	Int	5982.89	5996.6	25.93	14.78	40.70	1700	AGM 7	325.05	MLV	74.99
4036	Metal Loss	Int	5986.22	6000.1	29.25	11.45	40.70	1700	AGM 7	328.37	MLV	71.66
4037	Metal Loss	Int	5994.15	6008.4	37.18	3.52	40.70	1700	AGM 7	336.30	MLV	63.73
4038	Metal Loss	Int	5994.54	6008.8	37.58	3.13	40.70	1700	AGM 7	336.69	MLV	63.34
4039	Metal Loss	Int	5996.70	6011.1	39.73	0.97	40.70	1700	AGM 7	338.85	MLV	61.18
4040	Girth Weld		5997.67	6012.1	40.70	40.61	40.61	1710	AGM 7	339.82	MLV	60.21
4041	Metal Loss	Int	5997.75	6012.2	0.08	40.53	40.61	1710	AGM 7	339.90	MLV	60.13
4042	Metal Loss	Int	5998.73	6013.2	1.07	39.55	40.61	1710	AGM 7	340.89	MLV	59.14
4043	Metal Loss	Int	5999.62	6014.1	1.95	38.66	40.61	1710	AGM 7	341.77	MLV	58.26
4044	Metal Loss	Int	6000.71	6015.3	3.04	37.58	40.61	1710	AGM 7	342.86	MLV	57.17
4045	Metal Loss	Int	6002.71	6017.4	5.05	35.57	40.61	1710	AGM 7	344.87	MLV	55.16
4046	Metal Loss	Int	6005.54	6020.3	7.88	32.74	40.61	1710	AGM 7	347.70	MLV	52.33
4047	Metal Loss	Int	6007.98	6022.9	10.31	30.30	40.61	1710	AGM 7	350.13	MLV	49.90
4048	Metal Loss	Int	6012.42	6027.5	14.75	25.86	40.61	1710	AGM 7	354.57	MLV	45.46
4049	Metal Loss	Int	6021.44	6036.9	23.78	16.84	40.61	1710	AGM 7	363.60	MLV	36.43
4050	Metal Loss	Int	6024.12	6039.7	26.45	14.17	40.61	1710	AGM 7	366.27	MLV	33.76
4051	Metal Loss	Int	6025.10	6040.7	27.43	13.18	40.61	1710	AGM 7	367.25	MLV	32.78
4052	Metal Loss	Int	6027.47	6043.2	29.80	10.81	40.61	1710	AGM 7	369.62	MLV	30.41
4053	Metal Loss	Int	6030.41	6046.3	32.74	7.87	40.61	1710	AGM 7	372.56	MLV	27.47
4054	Metal Loss	Int	6032.66	6048.6	35.00	5.62	40.61	1710	AGM 7	374.82	MLV	25.21
4055	Metal Loss	Int	6032.83	6048.8	35.17	5.45	40.61	1710	AGM 7	374.99	MLV	25.04
4056	Metal Loss	Int	6035.78	6051.9	38.11	2.50	40.61	1710	AGM 7	377.93	MLV	22.10
4057	Metal Loss	Int	6036.67	6052.8	39.01	1.61	40.61	1710	AGM 7	378.83	MLV	21.20
4058	Girth Weld		6038.28	6054.5	40.61	15.47	15.47	1720	AGM 7	380.43	MLV	19.60
4059	Metal Loss	Int	6039.75	6056.1	1.47	14.00	15.47	1720	AGM 7	381.91	MLV	18.12
4060	Metal Loss	Int	6040.96	6057.3	2.68	12.79	15.47	1720	AGM 7	383.12	MLV	16.91
4061	Metal Loss	Int	6041.21	6057.6	2.93	12.54	15.47	1720	AGM 7	383.36	MLV	16.67
4062	Metal Loss	Int	6042.22	6058.6	3.94	11.54	15.47	1720	AGM 7	384.37	MLV	15.66
4063	Metal Loss	Int	6044.28	6060.8	6.00	9.48	15.47	1720	AGM 7	386.43	MLV	13.60
4064	Cluster	Int	6047.03	6063.7	8.75	6.72	15.47	1720	AGM 7	389.18	MLV	10.85
4065	Metal Loss	Int	6048.32	6065.0	10.04	5.43	15.47	1720	AGM 7	390.48	MLV	9.55
4066	Metal Loss	Int	6049.69	6066.4	11.41	4.06	15.47	1720	AGM 7	391.84	MLV	8.19
4067	Metal Loss	Int	6050.36	6067.1	12.08	3.39	15.47	1720	AGM 7	392.52	MLV	7.51
4068	Metal Loss	Int	6050.91	6067.7	12.63	2.85	15.47	1720	AGM 7	393.06	MLV	6.97
4069	Metal Loss	Int	6051.06	6067.9	12.78	2.70	15.47	1720	AGM 7	393.21	MLV	6.82
4070	Cluster	Int	6051.24	6068.1	12.96	2.51	15.47	1720	AGM 7	393.40	MLV	6.63
4071	Metal Loss	Int	6051.85	6068.7	13.57	1.90	15.47	1720	AGM 7	394.00	MLV	6.03
4072	Girth Weld		6053.75	6070.7	15.47	1.56	1.56	1730	AGM 7	395.91	MLV	4.12
4073	Reducer		6054.41	6071.4	0.66	0.90	1.56	1730	AGM 7	396.56	MLV	3.47
4074	Girth Weld		6055.31	6072.3	1.56	0.56	0.56	1740	AGM 7	397.47	MLV	2.57
4075	TAP		6055.44	6072.4	0.12	0.44	0.56	1740	AGM 7	397.59	MLV	2.44
4076	Girth Weld		6055.87	6072.9	0.56	4.09	4.09	1750	AGM 7	398.03	MLV	2.00
4077	Valve		6057.88	6075.0	2.00	2.08	4.09	1750	AGM 7	400.03	Receiver Flange	23.93
4078	Girth Weld		6059.96	6077.2	4.09	2.88	2.88	1760	MLV	2.08	Receiver Flange	21.85
4079	Girth Weld		6062.84	6080.2	2.88	9.60	9.60	1770	MLV	4.96	Receiver Flange	18.97
4080	Bend		6067.65	6085.2	4.82	4.78	9.60	1770	MLV	9.78	Receiver Flange	14.16
4081	Girth Weld		6072.44	6090.2	9.60	8.86	8.86	1780	MLV	14.56	Receiver Flange	9.37
4082	Bend		6076.84	6094.8	4.40	4.45	8.86	1780	MLV	18.96	Receiver Flange	4.97
4083	Girth Weld		6081.29	6099.5	8.86	1.37	1.37	1790	MLV	23.42	Receiver Flange	0.52
4084	Flange		6081.81	6100.0	0.52	0.85	1.37	1790	MLV	23.93		
4085	Girth Weld		6082.66	6100.9	1.37			1800	Receiver Flange	0.85		

Pipe Specification / Reported Feature Dimensions

Feature Number	Diameter (inch)	Nominal Wall Thickness (inch)	Measured Wall Thickness (inch)	Pipe Grade (SMYS) (psi)	Long Seam Orientation	Metal Loss Depth (%)	Metal Loss Depth (inch)	Deformation Depth (%)	Deformation Depth (inch)	Crack Depth (%)	Crack Depth (inch)	Length (inch)	Width (inch)	Orientation (O'clock)
4013	42.000	0.375	0.375	35000		28	0.104					0.790	1.858	6:40
4014	42.000	0.375	0.375	35000		41	0.155					1.220	1.120	6:02
4015	42.000	0.375	0.375	35000		55	0.208					1.231	1.822	6:09
4016	42.000	0.375	0.375	35000		21	0.079					0.514	0.574	6:05
4017	42.000	0.375	0.375	35000		16	0.059					0.315	0.533	6:42
4018	42.000	0.375	0.375	35000		45	0.167					1.276	1.484	6:02
4019	42.000	0.375	0.375	35000		29	0.108					0.886	1.267	5:56
4020	42.000	0.375	0.375	35000		43	0.162					1.254	1.584	6:11
4021	42.000	0.375	0.375	35000		31	0.117					1.098	1.305	6:09
4022	42.000	0.375	0.375	35000										
4023	42.000	0.375	0.375	35000		18	0.066					0.562	0.588	6:25
4024	42.000	0.375	0.375	35000		22	0.084					1.384	1.777	6:11
4025	42.000	0.375	0.375	35000		31	0.115					0.862	0.952	6:07
4026	42.000	0.375	0.375	35000		19	0.071					0.509	0.604	6:22
4027	42.000	0.375	0.375	35000		27	0.102					0.722	1.350	6:05
4028	42.000	0.375	0.375	35000		20	0.076					0.625	0.812	6:22
4029	42.000	0.375	0.375	35000		27	0.100					0.904	1.191	5:53
4030	42.000	0.375	0.375	35000		39	0.144					0.994	1.124	6:03
4031	42.000	0.375	0.375	35000		39	0.147					0.847	0.930	6:06
4032	42.000	0.375	0.375	35000		24	0.089					0.888	0.770	6:00
4033	42.000	0.375	0.375	35000		20	0.075					0.505	0.650	6:09
4034	42.000	0.375	0.375	35000		25	0.093					0.881	1.123	6:18
4035	42.000	0.375	0.375	35000		32	0.120					1.149	0.763	6:01
4036	42.000	0.375	0.375	35000		29	0.107					0.673	0.665	6:04
4037	42.000	0.375	0.375	35000		16	0.061					0.463	0.561	6:45
4038	42.000	0.375	0.375	35000		35	0.130					0.917	1.228	5:48
4039	42.000	0.375	0.375	35000		41	0.154					1.047	1.395	6:01
4040	42.000	0.375	0.375	35000										
4041	42.000	0.375	0.375	35000		33	0.123					0.578	0.655	5:36
4042	42.000	0.375	0.375	35000		37	0.138					1.021	1.639	6:10
4043	42.000	0.375	0.375	35000		28	0.103					0.970	2.114	5:34
4044	42.000	0.375	0.375	35000		21	0.078					0.998	1.499	6:03
4045	42.000	0.375	0.375	35000		48	0.180					1.102	1.291	6:00
4046	42.000	0.375	0.375	35000		51	0.192					1.317	2.182	5:57
4047	42.000	0.375	0.375	35000		40	0.152					0.877	0.751	6:02
4048	42.000	0.375	0.375	35000		24	0.091					0.850	0.945	6:05
4049	42.000	0.375	0.375	35000		62	0.233					1.170	0.910	6:05
4050	42.000	0.375	0.375	35000		51	0.192					1.143	1.237	6:29
4051	42.000	0.375	0.375	35000		51	0.191					1.271	1.689	6:07
4052	42.000	0.375	0.375	35000		46	0.171					1.289	2.558	6:08
4053	42.000	0.375	0.375	35000		51	0.191					1.193	1.615	6:02
4054	42.000	0.375	0.375	35000		17	0.065					0.782	0.847	6:03
4055	42.000	0.375	0.375	35000		20	0.076					0.890	1.526	6:03
4056	42.000	0.375	0.375	35000		27	0.103					0.800	0.668	5:51
4057	42.000	0.375	0.375	35000		21	0.081					1.123	1.147	5:44
4058	42.000	0.375	0.375	35000										
4059	42.000	0.375	0.375	35000		47	0.176					1.688	1.205	5:59
4060	42.000	0.375	0.375	35000		35	0.130					1.115	0.909	6:01
4061	42.000	0.375	0.375	35000		18	0.068					0.685	0.805	6:03
4062	42.000	0.375	0.375	35000		20	0.076					1.133	1.350	6:06
4063	42.000	0.375	0.375	35000		47	0.176					1.203	1.028	6:02
4064	42.000	0.375	0.375	35000		22	0.084					3.931	3.851	6:08
4065	42.000	0.375	0.375	35000		27	0.101					1.069	1.019	6:09
4066	42.000	0.375	0.375	35000		27	0.103					1.300	1.284	5:52
4067	42.000	0.375	0.375	35000		15	0.057					1.096	0.953	5:55
4068	42.000	0.375	0.375	35000		18	0.066					0.945	1.421	6:10
4069	42.000	0.375	0.375	35000		20	0.075					0.539	0.581	6:11
4070	42.000	0.375	0.375	35000		40	0.151					2.432	3.385	5:54
4071	42.000	0.375	0.375	35000		27	0.101					0.645	0.689	6:23
4072	42.000	0.375	0.375	35000										
4073	42.000	0.375	0.375	35000										
4074	36.000	0.500	0.500	42000										
4075	36.000	0.500	0.500	42000										12:05
4076	36.000	0.500	0.500	42000										
4077	36.000	0.500	0.500	42000										
4078	36.000	0.500	0.500	42000										
4079	36.000	0.500	0.500	42000										
4080	36.000	0.500	0.500	42000								112.464		
4081	36.000	0.500	0.500	42000										
4082	36.000	0.500	0.500	42000								102.491		
4083	36.000	0.500	0.500	42000										
4084	36.000	0.500	0.500	42000										
4085	36.000	0.500	0.500	42000										

Calculated Values / Classification / XYZ Information

Feature Number	MOP (psi)	Modified B31.G P_{BURST} (psi)	Modified B31.G P_{SAFE} (psi)	Design Pressure (72% SMYS) (psi)	ERF MOP / P_{SAFE}	RPR P_{BURST} / 100% SMYS	Effective Area P_{BURST} (psi)	Effective Area P_{SAFE} (psi)	Group Number	Group Category	Latitude (NAD 83)	Longitude (NAD 83)	Elevation (NAVD 88) (feet)	Comments	POF classification	Excavation/ Repair Required (Target/Yes/AGM)	SPLC Notes	Tool Type/ Technology
4013	150	801	576	450	0.260	1.281	800	576							Circumferential Grooving			
4014	150	791	570	450	0.263	1.266	788	567							Pitting			
4015	150	783	564	450	0.266	1.253	776	559							General Metal-loss			
4016	150	803	578	450	0.260	1.284	802	577							Pitting			
4017	150	803	578	450	0.260	1.285	803	578							Circumferential Slotting			
4018	150	789	568	450	0.264	1.262	784	564							General Metal-loss			
4019	150	800	576	450	0.260	1.279	799	575							Pitting			
4020	150	790	569	450	0.264	1.264	786	566							General Metal-loss			
4021	150	797	574	450	0.261	1.275	795	572							Pitting			
4022	150																	
4023	150	803	578	450	0.260	1.284	802	577							Pitting			
4024	150	797	574	450	0.261	1.275	797	574						CLS C				
4025	150	799	576	450	0.260	1.279	798	575							Pitting			
4026	150	803	578	450	0.260	1.284	803	578							Pitting			
4027	150	801	577	450	0.260	1.282	801	577							Pitting			
4028	150	802	578	450	0.260	1.284	802	577							Pitting			
4029	150	800	576	450	0.260	1.280	799	575							Pitting			
4030	150	796	573	450	0.262	1.274	794	572							Pitting			
4031	150	798	575	450	0.261	1.277	796	573							Pitting			
4032	150	800	576	450	0.260	1.281	800	576							Pitting			
4033	150	803	578	450	0.260	1.284	803	578							Pitting			
4034	150	800	576	450	0.260	1.281	800	576							Pitting			
4035	150	796	573	450	0.262	1.274	794	572							Pitting			
4036	150	801	577	450	0.260	1.282	801	577							Pitting			
4037	150	803	578	450	0.260	1.285	803	578							Pitting			
4038	150	798	575	450	0.261	1.277	797	574							Pitting			
4039	150	795	572	450	0.262	1.271	792	570							Pitting			
4040	150																	
4041	150	802	577	450	0.260	1.282	801	577							Pitting			
4042	150	796	573	450	0.262	1.274	794	572							Pitting			
4043	150	799	575	450	0.261	1.279	798	575							Circumferential Grooving			
4044	150	800	576	450	0.260	1.280	800	576							Pitting			
4045	150	791	569	450	0.264	1.265	787	567							Pitting			
4046	150	784	564	450	0.266	1.254	777	559							General Metal-loss			
4047	150	797	574	450	0.261	1.276	796	573							Pitting			
4048	150	801	576	450	0.260	1.281	800	576							Pitting			
4049	150	781	562	450	0.267	1.249	771	555							Pitting			
4050	150	788	568	450	0.264	1.261	783	564							Pitting			
4051	150	785	565	450	0.265	1.256	779	561							General Metal-loss			
4052	150	788	567	450	0.265	1.260	783	564							General Metal-loss			
4053	150	787	567	450	0.265	1.260	781	562							General Metal-loss			
4054	150	802	577	450	0.260	1.283	802	577							Pitting			
4055	150	801	577	450	0.260	1.282	800	576							Pitting			
4056	150	801	576	450	0.260	1.281	800	576							Pitting			
4057	150	799	575	450	0.261	1.279	798	575							Pitting			
4058	150																	
4059	150	777	559	450	0.268	1.243	768	553							General Metal-loss			
4060	150	796	573	450	0.262	1.273	794	572							Pitting			
4061	150	802	578	450	0.260	1.284	802	577							Pitting			
4062	150	799	576	450	0.260	1.279	799	575							Pitting			
4063	150	789	568	450	0.264	1.263	784	564							Pitting			
4064	150	765	551	450	0.272	1.225	770	554						CLS C				
4065	150	798	575	450	0.261	1.277	797	574							Pitting			
4066	150	796	573	450	0.262	1.273	794	572							General Metal-loss			
4067	150	801	577	450	0.260	1.281	800	576							Pitting			
4068	150	801	577	450	0.260	1.282	801	577							Pitting			
4069	150	803	578	450	0.260	1.284	802	577							Pitting			
4070	150	764	550	450	0.273	1.222	787	567						CLS C				
4071	150	802	577	450	0.260	1.283	801	577							Pitting			
4072	150																	
4073	150													Reducer NPS 42 x 36				
4074	275																	
4075	275																	
4076	275																	
4077	275													MLV Sta. 60+58 (Calculated Stationing)				
4078	275																	
4079	275																	
4080	275													Sag Forged Bend				
4081	275																	
4082	275													Over Forged Bend				
4083	275																	
4084	275													Receiver Flange Sta 61+00 Receiver Door				
4085	275																	