SPR

PA NUMBER 90534 2nd REC
SITE EFFECTIVITY 67
ROM

PAB SUMMARY

TITLE Dock Gangway Removal

TYPE ☑ PAL ☐ AUD ☐ MR ☐ ECR ☐ PR ☐ TIPS ☐ PACR ☐ SACI

SPONSOR (NAME/ORG/PHONE)	PRIORITY / RANK	URGENCY	FUNDING CATEGORY	FUNDING SOURCE	DISPOSITION	DATE
M. Gloss 6422		☐ EMERGENCY ☐ URGENT ☐ ROUTINE		LOE	☑ APPROVED Rev. 2 ☐ DISAPPROVED ☐ CANCELLED	5/31/95

ENGINEERING CHANGES ONLY

CLASS I	CLASS II	CHANGE CATEGORY	
☐ CONCUR ☐ NONCONCUR	☑ APPROVED ☐ DISAPPROVED ☐ CANCELLED	☐ SAFETY, FP, ENVIRON. ☐ SECURITY ☐ DRAWDOWN	☐ OPERATONS ☐ RAM ☐ COST REDUCTION

PAB SIGNATURES	CONCUR	NON CONCUR	DATE	COMMENTS
CHAIRPERSON				
FINANCE & ADMINISTRATION-HUMAN RESOURCES	✓		5/31/95	LOE
PROCUREMENT & PROPERTY SELF ASSESSMENT, INTERNAL AUDIT, LEGAL	✓		5/31/95	
INTEGRATED PROJECT PLANNING & CONTROL CONTINUOUS QUALITY IMPROVEMENT NOLA/SUPPORT SERVICES	✓		5/31/95	
ENVIRONMENTAL, SAFETY & HEALTH QUALITY ASSURANCE	✓		5/31/95	
ENGINEERING & CONSTRUCTION	✓		5/31/95	
OPERATIONS & MAINTENANCE	✓		5/31/95	

COMMENTS (TRB CONCERNS, HATS, OSHA, AUDITS, ETC.)
- Modify PAL
- PCB Approved Administrative Collection
- See Attached Mark Up of Previously Approved EOF (See Page 3 Item #3)

ANSWERED BY PAB REPRESENTATIVE OR SPONSOR	YES	NO
1. VALUE ENGINEERING TECHNIQUES WERE USED?		
2. A LIFE CYCLE COST ANALYSIS AND COST/BENEFIT ANALYSIS WAS PERFORMED FOR PROJECTS WITH ROM COST EQUAL TO OR GREATER THAN $50,000?		
3. AVAILABLE ALTERNATIVES WERE THOROUGHLY DISCUSSED?		
4. THE IMPACT TO DRAWDOWN – CRITICAL SYSTEMS AND SUBSYSTEMS WAS COMPLETELY ANALYZED?		
5. THE IMPACT ON OPERATIONS PROCESS CONTROL SYSTEMS IS COMPLETELY DOCUMENTED?		
6. IS THERE A DEFINITE NEED OR REQUIREMENT FOR THE PROPOSED TASK (E.G. DM CONTRACT DELIVERABLE, DOE ORDER, SPR DESIGN CRITERIA, OSHA REGULATION, ETC.)?		
7. SHOULD THIS TASK BE APPLIED SPR-WIDE FOR STANDARDIZATION OF FACILITIES?		

ANSWERED BY PAB REPRESENTATIVE OR SPONSOR

8. WHEN WAS THIS TASK FIRST IDENTIFIED? _____
9. HOW LONG HAS THERE BEEN A REQUIREMENT FOR THE TASK? _____
10. WHAT IS THE ORIGINATING SOURCE? _____
11. WHAT IS THE IMPACT TO THE SPR IF THIS TASK IS/IS NOT DONE? (E.G. IMPACT TO PERSONNEL SAFETY, EQUIPMENT RELIABILITY, THE ENVIRONMENT, ETC.) _____
12. WHAT IS THE IMPACT TO DRAWDOWN? _____

PAL FILE UPDATED BY _____ DATE MAY 31 1995 VERIFIED BY _____ DATE _____

OSF98-0008 1/90 REV. 6/93

SPR

PA NUMBER	70534 R1
SITE EFFECTIVITY	SJ
ROM	~~$~~ 137,252

PAB SUMMARY

TITLE: Dick Gangway Removal

TYPE: ☐ PAL ☐ AUD ☐ MR ☒ ECR ☐ PR ☐ TIPS ☐ PACR ☐ SAC

SPONSOR (NAME/ORG/PHONE)	PRIORITY	URGENCY	FUNDING CATEGORY	FUNDING SOURCE	DISPOSITION	DATE
M. Gross	RANK	☐ EMERGENCY ☒ URGENT ☐ ROUTINE	OaM	[redacted]	~~☐ APPROVED~~ ☐ DISAPPROVED ☒ CANCELLED	5/5/94

ENGINEERING CHANGES ONLY

CLASS I	CLASS II	CHANGE CATEGORY	
☑ CONCUR	~~☐ APPROVED~~	☒ SAFETY, FP, ENVIRON.	☐ OPERATONS
☐ NONCONCUR	☐ DISAPPROVED	☐ SECURITY	☐ RAM
	☒ CANCELLED	☐ DRAWDOWN	☐ COST REDUCTION

PAB SIGNATURES	CONCUR	NON CONCUR	DATE	COMMENTS
CHAIRPERSON				
FINANCE & ADMINISTRATION HUMAN RESOURCES	✓		5/5/94	
PROCUREMENT & PROPERTY SELF ASSESSMENT, INTERNAL AUDIT, LEGAL				
INTEGRATED PROJECT PLANNING & CONTROL CONTINUOUS QUALITY IMPROVEMENT NOLA/SUPPORT SERVICES	✓		5/5/94	
ENVIRONMENTAL, SAFETY & HEALTH QUALITY ASSURANCE	✓		5/5/94	
ENGINEERING & CONSTRUCTION	✓		5/5/94	
OPERATIONS & MAINTENANCE	✓		5/5/94	

COMMENTS (TRB CONCERNS, HATS, OSHA, AUDITS, ETC.)

- TRB Concurs
- ORIGINAL ECR was to modify & Remove Gangway
- Scheduled for May TRB Mtg
- This ECR is to Remove & Replace Upside PAL

ANSWERED BY PAB REPRESENTATIVE OR SPONSOR	YES	NO
1. VALUE ENGINEERING TECHNIQUES WERE USED?		
2. A LIFE CYCLE COST ANALYSIS AND COST/BENEFIT ANALYSIS WAS PERFORMED FOR PROJECTS WITH ROM COST EQUAL TO OR GREATER THAN $50,000?		
3. AVAILABLE ALTERNATIVES WERE THOROUGHLY DISCUSSED?		
4. THE IMPACT TO DRAWDOWN – CRITICAL SYSTEMS AND SUBSYSTEMS WAS COMPLETELY ANALYZED?		
5. THE IMPACT ON OPERATIONS PROCESS CONTROL SYSTEMS IS COMPLETELY DOCUMENTED?		
6. IS THERE A DEFINITE NEED OR REQUIREMENT FOR THE PROPOSED TASK (E.G. DM CONTRACT DELIVERABLE, DOE ORDER, SPR DESIGN CRITERIA, OSHA REGULATION, ETC.)?		
7. SHOULD THIS TASK BE APPLIED SPR – WIDE FOR STANDARDIZATION OF FACILITIES?		

ANSWERED BY PAB REPRESENTATIVE OR SPONSOR

8. WHEN WAS THIS TASK FIRST IDENTIFIED? _____
9. HOW LONG HAS THERE BEEN A REQUIREMENT FOR THE TASK? _____
10. WHAT IS THE ORIGINATING SOURCE? _____
11. WHAT IS THE IMPACT TO THE SPR IF THIS TASK IS/IS NOT DONE? (E.G. IMPACT TO PERSONNEL SAFETY, EQUIPMENT RELIABILITY, THE ENVIRONMENT, ETC.) _____
12. WHAT IS THE IMPACT TO DRAWDOWN? _____

PAL FILE UPDATED BY	DATE	VERIFIED BY	DATE

Strategic Petroleum Reserve
ENGINEERING CHANGE PROPOSAL

ECP NUMBER SJ-M/O-4589 REV. 1	**ECP TITLE** St. James - Dock Gangway Removal		
INITIATOR M.M. Gross 5/4/94	**SUBMITTED BY** G.K. Hughes	**DATE** 5/4/94	**VALUE ENGINEERING** [ ] VEP (MANDATORY) [ ] VECP (VOLUNTARY)

PRIORITY [ ] EMERGENCY [X] URGENT [ ] ROUTINE	**AUTHORITY** [X] PCCB [ ] ECC	**TOTAL ESTIMATED COST OF CHANGE**
	IMPACT ON SPR BUDGET N/A	DESIGN: FY 94 $10E; FY ___ $___; FY ___ $___
SCHEDULE IMPACT None		CONSTRUCTION/M&O: FY 94 $137,252; FY ___ $___; FY ___ $___
		TOTAL: FY 94 $137,252; FY ___ $___; FY ___ $___

DESCRIPTION (CONTINUED ON PAGE 2)
EXISTING CONFIGURATION:

At St. James Docks 1 and 2, the existing gangways have operating problems which prevent their use with empty or near empty crude oil tankers during high Mississippi River stages. The gangways are mounted on a monorail system for up-river, down-river travel when needed for gangway positioning. They are equipped with articulating-stair treads and turntables at each end. The ship end of the gangways each land onto a rolling stair trestle for movement on the deck of the ship.

PCCB/ECC SIGNATURES	DISPOSITION: CONCUR	NON CONCUR	DATE	COMMENTS CONDITIONS/LIMITATIONS
DOE SENIOR SITE OFFICIAL	X		5/5/94	SEE ATTACHED ECR
APM TECHNICAL ASSURANCE	X		5/10/94	One gangway is adequate!
APM ENGINEERING & CONSTRUCTION	X		5/10/94	
APM OPERATIONS	✓		5/10/94	
DEPUTY PROJECT MANAGER	✓			
DOE CMO	[redacted]			5-10-94
PROJECT MANAGER				
DEPUTY ASSISTANT SECRETARY-SPR				

PCCB/ECC ACTION

[X] FULL APPROVAL [ ] CONDITIONAL/LIMITED APPROVAL [ ] DISAPPROVAL

Strategic Petroleum Reserve
ENGINEERING CHANGE PROPOSAL

ECP NUMBER	ECP TITLE
SJ-M/O-4589 REV. 1	St. James - Dock Gangway Removal

INITIATOR	SUBMITTED BY	DATE	VALUE ENGINEERING
Marc M Gross M.M. Gross 5/4/94	G.K. Hughes	5/4/94	[ ] VEP (MANDATORY) [ ] VECP (VOLUNTARY)

PRIORITY
[ ] EMERGENCY
[X] URGENT
[ ] ROUTINE

AUTHORITY
[X] PCCB [ ] ECC

IMPACT ON SPR BUDGET
N/A

SCHEDULE IMPACT
None

TOTAL ESTIMATED COST OF CHANGE

	FY 94	FY ___	FY ___
DESIGN	$ LOE	$ ___	___
CONSTRUCTION/M&O	$137,252	$ ___	___
TOTAL	$137,252	$ ___	___

DESCRIPTION (CONTINUED ON PAGE 2)
EXISTING CONFIGURATION:

At St. James Docks 1 and 2, the existing gangways have operating problems which prevent their use with empty or near empty crude oil tankers during high Mississippi River stages. The gangways are mounted on a monorail system for up-river, down-river travel when needed for gangway positioning. They are equipped with articulating-stair treads and turntables at each end. The ship end of the gangways each land onto a rolling stair trestle for movement on the deck of the ship.

PCCB/ECC SIGNATURES	DISPOSITION			COMMENTS CONDITIONS/LIMITATIONS
	CONCUR	NON CONCUR	DATE	
DOE SENIOR SITE OFFICIAL	X			SEE ATTACHED ECR
APM TECHNICAL ASSURANCE				
APM ENGINEERING & CONSTRUCTION				
APM OPERATIONS				
DEPUTY PROJECT MANAGER				
DOE CMO				
PROJECT MANAGER				
DEPUTY ASSISTANT SECRETARY-SPR				

PCCB/ECC ACTION

[ ] FULL APPROVAL [ ] CONDITIONAL/LIMITED APPROVAL [ ] DISAPPROVAL

FILE: (JOB)DOCKGANG

Replica of 8-1070

Strategic Petroleum Reserve

ENGINEERING CHANGE PROPOSAL

ECP NUMBER: SJ-M/O-4588 REV. 1

ECP TITLE: St. James - Dock Gangway Removal

DESCRIPTION (CONTINUED FROM PAGE 1)
PROPOSED CONFIGURATION:

1. Remove existing gangways and their supports to require vessels to deploy their own gangways from the vessel to the dock.

2. Replace existing gangways with spare gangways for use when ves gangway is determined to be unsatisfactory.

~~3. Store spare replacement gangways on top of existing pipe rack each dock.~~ MMG 5/2/95

4. In summary, existing fixed gangways will be replaced with spar portable gangways to only be used when vessel's gangway is unsatisfactory.

3. STORE SPARE REPLACEMENT GANGWAYS ON TOP OF EXISTING PROTECTION DOLPHINS ON EACH DOCK. PROVIDE SUPPORT AND ACCESS TO NEW STORAGE LOCATION.
5/2/95 M. Gross

CONFIGURATION ITEMS AFFECTED:

St. James Docks 1 and 2 gangway systems.

REASON:

Because of the larger size vessels visiting our docks, our existing gangways no longer operate properly in all river stages. By construc the above project, present gangway operating problems would be eliminated. The SPR's dock operating policy would become similar to majority of crude oil terminals in the area. The SPR's insurance liability would be lessened by construction of this task. The SPR's ~~XXXXXXXXXX~~ SPARE gangways could still service barges at the docks.

IMPACT OF NON-INCORPORATION:

Without this project, operating problems would still exist. There wou be continued maintenance of dock gangway monorail and support system. Vessels would still be required to deploy suitable gangways to servic our dock.

Strategic Petroleum Reserve
ENGINEERING CHANGE PROPOSAL

ECP NUMBER: SJ-M/O-4589 REV. 1

ECP TITLE: St. James - Dock Gangway Removal

DESCRIPTION (CONTINUED FROM PAGE 1)
PROPOSED CONFIGURATION:

1. Remove existing gangways and their supports to require vessels to deploy their own gangways from the vessel to the dock.
2. Replace existing gangways with spare gangways for use when vessel's gangway is determined to be unsatisfactory.
3. Store spare replacement gangways on top of existing pipe rack on each dock.
4. In summary, existing fixed gangways will be replaced with spare portable gangways to only be used when vessel's gangway is unsatisfactory.

CONFIGURATION ITEMS AFFECTED:

St. James Docks 1 and 2 gangway systems.

REASON:

Because of the larger size vessels visiting our docks, our existing gangways no longer operate properly in all river stages. By constructing the above project, present gangway operating problems would be eliminated. The SPR's dock operating policy would become similar to the majority of crude oil terminals in the area. The SPR's insurance liability would be lessened by construction of this task. The SPR's new ~~XXXXXXXXXXXX~~ SPARE gangways could still service barges at the docks.

IMPACT OF NON-INCORPORATION:

Without this project, operating problems would still exist. There would be continued maintenance of dock gangway monorail and support system. Vessels would still be required to deploy suitable gangways to service our dock.

DynMcDermott Petroleum Operations Company

NUMBER: SJ-M/O-4589 REV. 1

TITLE: St. James - Dock Gangway Modifications

EXECUTIVE SUMMARY:

At. St. James Docks 1 and 2, the existing gangways have operating problems which prevent their use with empty or near empty crude oil tankers during this Mississippi River stages. The following is proposed: remove existing gangway systems and their supports to require vessels to deploy their own gangways from the vessel to the dock, replace existing gangways with spare gangways for use when vessel's gangway is determined to be unsatisfactory, and store replacement gangways on top of existing pipe rack on each dock. Implementation of this work will correct HATS deficiency , HATS Item SJ-098-92-B.

In summary, existing fixed gangways will be replaced to be portable gangways to only be used when vessel's gangway is unsatisfactory.

IMPLEMENTATION PLAN:

FY'94

IMPLEMENTATION COST:

$137,252

LIFE CYCLE COST:

N/A.

IMPACT SUMMARY:

LEVEL I, II, III CRITERIA: None

CONTRACT COMPLETION DATES:

CODES, REGULATIONS, STANDARDS, PERMITS, ETC.: None

GFE: None

SAFETY, ENVIRONMENTAL, FIRE PROTECTION SYSTEMS, SECURITY: HATS SJ-098-92-B

SCHEDULES: None

SJ-M/O-4588 REV. 1

D M — MAIN ACCOUNT SUMMARY

GANGWAY MODIFICATIONS
Fixed trestle

SITE: SJ
STATE: LA
WR-92-180

CONST. AWARD DATE: 15-Jun-94

ESTIMATE TYPE
ROM EST W/ 17 % C = 1
ROM EST W/ 12 % C = 2
30 % EST = 3
100 % EST = 4
GOV EST = 5

THIS ESTIMATE TYPE

Pen No. 70534 Sheet No. 1
Prepared by ____ Date 04-May-94
Checked by M. Gross Date 04-May-94

SJ
LA

MAIN ACCOUNT	DESCRIPTION	QUANTITY	Unit	MATERIALS UNIT PRICE	MATERIALS AMOUNT	LABOR UNIT M.H.	LABOR TOTAL M.H.	LABOR RATE	LABOR AMOUNT	EQUIPMENT UNIT PRICE	EQUIPMENT AMOUNT	SUB-CONTRACT UNIT PRICE	SUB-CONTRACT AMOUNT	TOTAL
	REMOVE EXISTING GANGWAY AND GANGWAY SUPPORTS													
	BOAT RENTAL	8	HR									95	$760.00	$760.00
	CRANE RENTAL	8	HR									325	$2,600.00	$2,600.00
	GANGWAY STORAGE SUPPORTS	4	Tns	1550	$6,200.00	22.5	90	$18.00	$1,620.00	225	$900.00			$8,720.00
	NEW GANGWAY													
	MATERIAL	2	EA	42265	$84,530.00	24	48	$18.00	$864.00					$85,394.00
	CRANE	8	HR									325	$2,600.00	$2,600.00
	BOAT RENTAL	8	HR									95	$760.00	$760.00
	TOTALS THIS PAGE				$90,730.00		138		$2,484.00		$900.00		$6,720.00	$100,834.00

NOTES:
1. EACH GANGWAY IS ESTIMATED AT THE COST DETERMINED BY OBTAINING STANDARD OF THE INDUSTRY PRICING FROM VENDORS WHO DEAL IN THIS ITEM.
2. THE CRANE RENTAL IS ESTIMATED AS BARGE MOUNTED

THIS ESTIMATE IS BASED ON QUOTED RATES FROM WEBER MARINE INC. APRIL 28,1994.
AND SITE PERFORMANCE OF SPARE GANGWAY TIE DOWN WELDING

FILE NAME S:\SJ1\70534\REV-4 08:12 04-May-94

SJ-MO-4589 REV. 1

DM

RE-CAP SHEET

PROJECT : GANGWAY MODIFICATIONS

SJ

LA

Pan No. 70534 SHT. NO. 2

Prepared by _____ DATE 04-May-94

Checked by M. Gross DATE 04-May-94

	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	DIRECT COST				
	MATERIALS TOTAL				$90,730.00
	LABOR TOTAL				$2,484.00
	EQUIPMENT				$900.00
	SUB-CONTRACT				$6,720.00
	WELDING PROCEDURES (EACH)		EA	750	
	WELDING QUALIFICATIONS (EACH)		EA	500	
	HYDROSTATIC TEST PROCEDURES (EACH)		EA	60	
	HYDROSTATIC TESTING		EA	500	
	OTHER TESTING LIST		EA	500	
	UNDEFINED SCOPE	100834	$		
	INCIDENTALS AND VARIABLES, enter % in QUANTITY	100834	$		
DIRECT COST TOTAL					$100,834.00
	INDIRECT FIELD COST				
	LABOR BURDEN @ 26% EXCEPT BM & BH @ 32 %	26.00%		2484	$646.00
	SUBMITTALS (EACH)	5	EA	60	$300.00
	SUPERVISION (WEEKS) INC LABOR BURDEN (19 %)	0.8	WKS	1190	$952.00
	QUALITY CONTROL PERSON INC LABOR BURDEN (19 %)	0.4	DYS	220	$88.00
	SAFETY INSPECTOR INC LABOR BURDEN (19 %)	0.4	DYS	333.2	$133.00
	WELDING INSPECTIONS (PER HOUR,8 HR. MIN.)		HRS	25	
	CLERICAL	0.4	WKS	333.2	$133.00
	GENERAL CONSTRUCTION EQUIPMENT (3 % DIR LABOR)		DL	2484	
	SURVEY		EA	1500	
	STORAGE TRAILERS		MO	500	
	CONSUMABLES & SMALL TOOLS (5 % DIR LABOR)		DL	2484	
	JOB TRAVEL/PERSONNEL MOVE		EA	1000	
	GENERAL CLEANUP		MO	85	
	TEMP CONSTRUCTION PLANT		MO	2500	
	UNDEFINED SCOPE	2252	$		
	INCIDENTALS AND VARIABLES, enter % in QUANTITY	2252	$		
INDIRECT FIELD COST TOTAL					$2,252.00
	OTHER COST				
	MATERIALS SALES TAX: LA @ VARIES OR TX @ 0%	90730	MAT	6.00%	$5,444.00
OTHER COST TOTAL					$5,444.00

S:\8-J1\70534\REV-4

DESCRIPTION

GANGWAY MODIFICATIONS

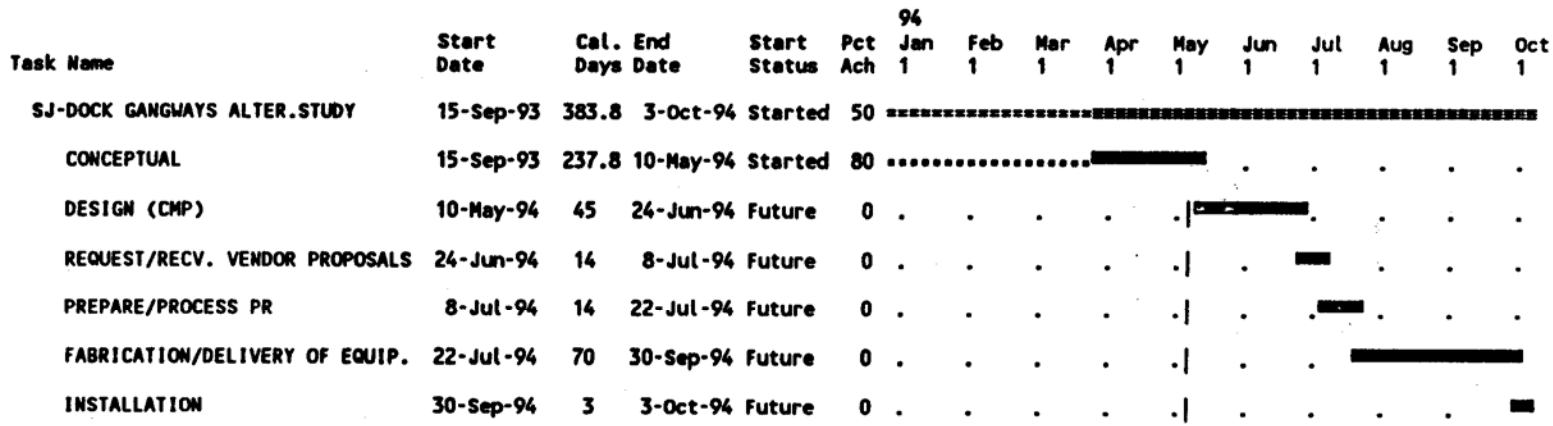
SJ

LA

SUB-TOTAL DIRECT FIELD COST		$100,834.00
SUB-TOTAL INDIRECT FIELD COST		$2,252.00
OTHER COST		$5,444.00
TOTAL DIRECT/INDIRECT COST		$108,530.00
OVERHEAD	12.00%	$13,024.00
PROFIT	8.00%	$9,724.00
SUBTOTAL		$131,278.00
BONDS	2%	$2,626.00
TOTAL CONSTRUCTION COST		$133,904.00
CONTINGENC		
SUBTOTAL		$133,904.00
ESCALATION		
ESTIMATED CONSTRUCTION COST @ AWA (FY 94		$133,904.00
CHANGES AND CLAIMS	2.50%	$3,348.00
ESTIMATED TOTAL CONSTRUCTION COST @ COMPLETION		$137,252.00

Schedule Name: SJ-DOCK GANGWAYS ALTERNATIVES STUDY
Project Engr.: M.LARGEY/M.GROSS
As-of Date : 5-May-94 2:00pm ScheduleFile : DOCKGANG

(THIS SCHEDULE IS USED FOR PLANNING PURPOSES ONLY)
ECP, REV.1 TO PCCB 5/10/94



Detail Task Summary Task Baseline
(Progress) (Progress) Conflict
(Slack) (Slack) Resource delay
Progress shows Percent Achieved on Actual Milestone
---------- Scale: 5 days per character ----------

Strategic Petroleum Reserve

CONFIGURATION CHANGE STATUS REPORT

ECP NUMBER: SJ-M/O-4589 REV. 1 DISPOSITION DATE:

REQUIREMENTS

DOCUMENTATION AFFECTED (SPECIFY DOCUMENT NO. AND TITLE) Drawings:	LATEST REVISION NUMBER	LATEST REVISION DATE	INCORPORATING REVISION NUMBER	INCORPORATING REVISION DATE
S223-705				
S223-706				
S223-707				
S230-007				
S230-009				
C202-127				
C202-130				
C202-132				
P801, Sheet 1 of 12				
P801, Sheet 10 of 12				
P801, Sheet 11 of 12				
TEST & CHECKOUT (SPECIFY TEST REQUIREMENT DOCUMENT NO. & APPLICABLE PARAGRAPH)				
P801, Sheet 12 of 12				
P802, Sheet 1 of 10				
P802, Sheet 10 of 10				
S200, Sheet 5 of 14				
S200, Sheet 11 of 14				
S201, Sheet, 5 of 14				

INITIATED BY: M.M. Gross Marc M. Gross DATE: 5/4/94

IMPLEMENTING CONTRACTOR CMO/REP. DATE:

SPR CMO DATE:

UPON COMPLETION OF ALL REQUIRED ACTIONS FORWARD THIS DOCUMENT TO THE SPR CMO

FILE: [illegible]

Replica of 8-1070

Strategic Petroleum Reserve

CONFIGURATION CHANGE STATUS REPORT

ECP NUMBER: SJ-M/O-4587 REV. 1 DISPOSITION DATE:

REQUIREMENTS

DOCUMENTATION AFFECTED (SPECIFY DOCUMENT NO. AND TITLE)	LATEST REVISION NUMBER	LATEST REVISION DATE	INCORPORATING REVISION NUMBER	INCORPORATING REVISION DATE
SJ Terminal Users Manual				
Tanker Voyage Charter Party 92-93				
Standard Sales Provisions Found in the Federal Register (Part V) for the SPR				
DOE/SPR "Notice of Sale" Letter				
SJ Terminal "Tanker Notification/Statement of Facts"				
TEST & CHECKOUT (SPECIFY TEST REQUIREMENT DOCUMENT NO. & APPLICABLE PARAGRAPH)				

INITIATED BY: M.M. Gross Marc M. Gross DATE: 5/4/94

IMPLEMENTING CONTRACTOR CMO/REP. DATE:

SPR CMO DATE:

UPON COMPLETION OF ALL REQUIRED ACTIONS FORWARD THIS DOCUMENT TO THE SPR CMO

SPR ENGINEERING CHANGE REQUEST

DOE SSR. SIGN.	[X] CONCUR [ ] NONCONCUR	DATE	PAN/ECR NUMBER	REVISION NUMBER	PAGE 1 OF 3
[signature]		5-5-94	70534	1	

CHANGE TITLE St. James - Dock Gangway Removal

INITIATED BY	ORG.	PHONE NO.	DATE	SUBMITTED BY	DATE
M.M. Cross [signature]	10420	4874	5/4/94	O.K. Hughes [signature]	5/4/94
SITE ENGINEER B.H. Birch [signature]			5/5/94	SITE MANAGER B.A. Thompson [signature]	5/5/94

DESCRIPTION
EXISTING CONFIGURATION:

See Attached ECP.

DOCUMENTATION AFFECTED	REV.#
See Attached ECP.	

PROPOSED CONFIGURATION/RECOMMENDED SOLUTION:

See Attached ECP.

COST ESTIMATE (ROM)

See Attached ECP.

CHANGE EFFECTS:*

T	N	ITEM
	x	LEVEL I [ ] II [ ] III [ ] CRITERIA
	x	PERFORMANCE CRITERIA
	x	RAM
	x	INTERFACE CHARACTERISTICS
	x	SET POINTS-I/O POINTS
	x	DOE LEVEL I, II, III SCHEDULES
	x	GUARANTEES/DELIVERABLES
x		SAFETY/ENV/EP (CIRCLE ONE)
	x	SECURITY REQUIREMENTS
	x	SOFTWARE OPCS
	x	OPCS HARDWARE
	x	FIRMWARE OPCS
	x	SET POINTS/RANGES
	x	DIP SWITCH SETTINGS/JUMPERS
	x	MASTER CLUST
	x	WELLHEAD CONFIGURATION
	x	SPARE/PROVISIONING REQMTS
x		OPERATIONS MANUALS
x		MAINTENANCE MANUALS
	x	GOVT. FURNISHED EQUIPMENT
	x	ENERGY USAGE
	x	VALUE ENG. (COST SAVINGS)
	x	OPERATIONS MODELS
	x	OTHER

* "YES" IS MARKED, EXPLAIN ON PAGE 3, SIGN AND DATE

ACTION REQUIRED BY 5/9/94

SYSTEM STATUS [ ] AUTOMATIC [ ] SEMI-AUTOMATIC [ ] MANUAL

REASON FOR CHANGE

See Attached ECP.

CONFIGURATION ITEMS AFFECTED
See Attached ECP.

IMPACT OF NONINCORPORATION

See Attached ECP.

CHANGE AFFECTS ONGOING CONSTRUCTION	CHANGE INITIATES NEW O&M TASK	SCHEDULED	PRIORITY
[ ] YES [X] NO	[X] YES [ ] NO	[ ] YES [ ] NO	[ ] EMERGENCY [X] URGENT [ ] ROUTINE

TRB ACTION [ ] CONCUR [ ] NONCONCUR [ ] CLASS I [ ] CLASS II [ ] RECOMMENDED RANK _____ [X] D/D CRITICAL
[ ] CHANGE SPONSOR _____

TRB CHAIRMAN/DATE	COMMENTS

MAY-05-94 THU 08:56 ST. JAMES SITE P.02

SPR ENGINEERING CHANGE REQUEST

DOE SSR. SIGN.	[ ] CONCUR [ ] NONCONCUR	DATE	PAN/ECR NUMBER	REVISION NUMBER	PAGE 1 OF 3
			70534	1	

CHANGE TITLE St. James - Dock Gangway Removal

INITIATED BY	ORG.	PHONE NO.	DATE	SUBMITTED BY	DATE
M.M. Gross	10420	4874	5/4/94	C.K. Hughes	5/4/94
SITE ENGINEER B.H. Birch			DATE	SITE MANAGER E.A. Thompson	DATE

DESCRIPTION

EXISTING CONFIGURATION:

See Attached ECP.

PROPOSED CONFIGURATION/RECOMMENDED SOLUTION:

See Attached ECP.

DOCUMENTATION AFFECTED	REV.#
See Attached ECP.	

COST ESTIMATE (ROM)

See Attached ECP.

CHANGE EFFECTS:*

Y	N	ITEM
	■	LEVEL I [ ] II [ ] III [ ] CRITERIA
	■	PERFORMANCE CRITERIA
	■	RAM
	■	INTERFACE CHARACTERISTICS
	■	SET POINTS-I/O POINTS
	■	DOE LEVEL I, II, III SCHEDULES
	■	GUARANTEES/DELIVERABLES
■		SAFETY/ENV/EP (CIRCLE ONE)
	■	SECURITY REQUIREMENTS
	■	SOFTWARE OPCS
	■	OPCS HARDWARE
	■	FIRMWARE OPCS
	■	SET POINTS/RANGES
	■	DIP SWITCH SETTINGS/JUMPERS
	■	MASTER CI LIST
	■	WELLHEAD CONFIGURATION
	■	SPARE/PROVISIONING REQMTS.
■		OPERATIONS MANUALS
■		MAINTENANCE MANUALS
	■	GOVT. FURNISHED EQUIPMENT
	■	ENERGY USAGE
	■	VALUE ENG. (COST SAVINGS)
	■	OPERATIONS MODELS
	■	OTHER

IF "YES" IS MARKED, EXPLAIN ON PAGE 3, SIGN AND DATE

ACTION REQUIRED BY	SYSTEM STATUS
5/9/94	[ ] AUTOMATIC [ ] SEMI-AUTOMATIC [ ] MANUAL

REASON FOR CHANGE

See Attached ECP.

CONFIGURATION ITEMS AFFECTED

See Attached ECP.

IMPACT OF NONINCORPORATION

See Attached ECP.

CHANGE AFFECTS ONGOING CONSTRUCTION	CHANGE INITIATES NEW O&M TASK	SCHEDULED	PRIORITY
[ ] YES [X] NO	[X] YES [ ] NO	[ ] YES [ ] NO	[ ] EMERGENCY [X] URGENT [ ] ROUTINE

TRB ACTION

[X] CONCUR [ ] NONCONCUR

[X] CLASS I [ ] CLASS II [X] RECOMMENDED RANK 05 [X] D/D CRITICAL

[ ] CHANGE SPONSOR _____

TRB CHAIRMAN/DATE	COMMENTS
5/4/94	

CStat 05/04/94

SPR ENGINEERING CHANGE REQUEST

PAN/ECR NUMBER	REVISION NUMBER	PAGE 2 OF 3
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DESCRIPTION
EXISTING CONFIGURATION:

N/A.

HARDWARE/SOFTWARE AFFECTED

(NOTE: REDLINE CI BOM)

DISPOSITION OF PARTS

[ ] REWORK SITE COMPONENTS ONLY [ ] REWORK ALL SITE COMPONENTS [ ] COMPONENTS NOT AFFECTED
[ ] OTHER (DESCRIBE)

COMPONENT COMPATIBILITY (LIST COMPONENTS SEPARATELY IF COMPATIBILITIES ARE DIFFERENT)

[ ] INTERCHANGEABLE [ ] DOWNWARD COMPATIBLE [ ] NONCOMPATIBLE

ELECTRICAL/CONTROLS ENGINEER	DATE	SYSTEMS ENGINEERING MANAGER	DATE

IMPLEMENTATION/TEST COMMENTS

N/A.

ENGINEERING	DATE	WITNESSED BY	DATE
Marc M. Gross M.M. Gross	5/4/94		

SYSTEMS ENG. MGR.	DATE	TEST APPROVAL BY	DATE	CHANGE RELEASE AUTH.	DATE

SPR ENGINEERING CHANGE REQUEST

PAN/ECR NUMBER	REVISION NUMBER	PAGE 3 OF 3
70534	1	

CONTINUE ANY SECTION BELOW

CHANGE AFFECTS (CONTINUED) PROVIDE AN EXPLANATION OF ANY CHANGE AFFECT MARKED "YES" ON PAGE 1, SAFETY/ENV/FP ITEMS SHOULD INCLUDE A RISK ASSESSMENT. _____
CATEGORY

EXPLANATION

Operations and Maintenance manuals will require modification since existing equipment is being removed and it is being modified or replaced with new equipment.

Implementation of this work would authorize work to correct the gangway operations and safety problems. This is a HATS item (Item No. SJ-098-92-B), which could be removed from the "HATS" list once the work is satisfactorily completed.

SIGNATURE	DATE
M.M. Gross Marc M. Gross	5/4/94

CONTROLLED TECHNICAL BASELINE DOCUMENT CATEGORIES AFFECTED BY ECR # 7054 R1 SJ-M10-4589 R1

PIPING

- ☐ 101 - PROCESS FLOW DIAGRAMS(IN SITE DESIGN DESCRIPTION MANUALS)
- ☐ 102 - MECHANICAL FLOW/PROCESS CONTROL LOGIC DIAGRAMS(IN SITE DESIGN DESCRIPTION MANUALS)
- ☐ 103 - PIPING AND INSTRUMENTATION DIAGRAMS (P&ID'S)(IN SITE DESIGN DESCRIPTION MANUALS)
- ☐ 104 - UTILITY FLOW DIAGRAMS
- ☐ 105 - GENERAL PIPING PLANS
- ☑ 106 - AREA PLANS (MECHANICAL EQUIPMENT LOCATION)
- ☐ 122 - WELL HEAD DRAWINGS
- ☐ 130 - VALVE LIST(IN SITE DESIGN DESCRIPTION MANUALS)
- ☐ 135 - LINE LIST(IN SITE DESIGN DESCRIPTION MANUALS)
- ☐ 140 - PSV LIST(IN SITE DESIGN DESCRIPTION MANUALS)
- ☐ 150 - STANDARDS

CIVIL/STRUCTURAL

- ☑ 201 - PLOT PLANS
- ☐ 202 - SITE WORK: GRADING (ROUGH & FINISH) DRAINAGE FENCING, ETC
- ☐ 210 - FOUNDATIONS: LOCATION PLANS
- ☐ 216 - MINES (WEEKS ISLAND ONLY)
- ☐ 250 - STANDARDS

ELECTRICAL

- ☐ 301 - AREA CLASSIFICATION
- ☐ 302 - ONE LINE DIAGRAMS(IN SITE DESIGN DESCRIPTION MANUALS)
- ☐ 303 - SCHEMATIC DIAGRAMS
- ☐ 304 - POWER PLANS AND DETAILS
- ☐ 305 - LIGHTING PLANS AND DETAILS
- ☐ 307 - SUBSTATION PLANS AND DETAILS
- ☐ 308 - WIRING DIAGRAMS
- ☐ 310 - GROUNDING
- ☐ 311 - CONDUIT & CABLE SCHEDULES (INCLUDING INSTRUMENTS)
- ☐ 313 - MCC/SWITCH GEAR ELEVATION & SCHEDULE
- ☐ 315 - CATHODIC PROTECTION
- ☐ 350 - STANDARDS

INSTRUMENTATION

- ☐ 401 - BLOCK DIAGRAM(IN SITE DESIGN DESCRIPTION MANUALS)
- ☐ 402 - LOOP DIAGRAMS
- ☐ 403 - INSTRUMENT PLANS AND DETAILS
- ☐ 404 - INSTRUMENT WIRING DIAGRAM
- ☐ 409 - INSTRUMENT INDEX(IN SITE DESIGN DESCRIPTION MANUALS)
- ☐ 450 - STANDARDS

MAPPING

- ☐ 501 - ALIGNMENT SHEETS
- ☐ 509 - PIPELINE DRAWINGS (MAINLINE VALVES, DRIPS, SCRAPER TRAPS, ETC)
- ☐ 550 - STANDARDS

ARCHITECTURAL

- ☐ 720 - ELEVATIONS AND FLOOR PLANS
- ☐ 750 - STANDARDS

DOCUMENTATION

- ☐ 901 - TECHNICAL/PERFORMANCE/DESIGN CRITERIA
- ☒ 910 - SITE DESIGN DESCRIPTION MANUALS
- ☐ 911 - PROCESS SET POINT DOCUMENTS
- ☐ 912 - EQUIPMENT LIST
- ☐ 913 - MOV LIST
- ☐ 915 - ELECTRICAL PROTECTIVE DEVICES
- ☐ 920 - I/O DOCUMENT
- ☑ 930 - OPERATION AND MAINTENANCE MANUALS
- ☐ 950 - STANDARD SPECIFICATIONS
- ☐ 970 - TASK SPECIFICATIONS
- ☐ 990 - CONFIGURATION MANAGEMENT REPORTS/I.B.O.M.

5-10-94

Verified by
Configuration Management