

The Unpacking Plan includes a Concept of Operations (CONOPs), Maintenance Orders, Operational Orders (OPORDs), Valve Alignment Baseline Operation Orders (Baseline OPORDs), and supporting Enclosures for each fuel product type. Below is a list of the documents in sequence included:

- 01\_ Unpack CONOP - Rev 13 - 31 August 2022
- 02\_ Unpack Maintenance Order #UM01
- 03\_ Unpack ECP
- 04\_ HPV Elevation Calculation
- 05\_ Unpack [REDACTED] HCK OPORD #U001
- 06\_ Unpack [REDACTED] Baseline PH OPORD #U001A (Rev1)
- 07\_ Unpack [REDACTED] Baseline HCK OPORD #U001B (Rev 1)
- 08\_ Unpack [REDACTED] HCK Diagram
- 09\_ Unpack [REDACTED] OPORD #U002
- 10\_ Unpack [REDACTED] Baseline OPORD #U002A (Rev 1)
- 11\_ Unpack [REDACTED] Diagram
- 12\_ (b) (3) Unpack Maintenance Order #UM02
- 13\_ (b) (3) Unpack ECP
- 14\_ (b) (3) Unpack [REDACTED] YON (b)(3) OPORD #U003
- 15\_ (b) (3) Unpack [REDACTED] YON (b)(3) Baseline OPORD #U003A (Rev 1)
- 16\_ (b) (3) Unpack [REDACTED] YON (b)(3) Thermal Baseline OPORD #U003B (Rev 1)
- 17\_ (b) (3) Unpack [REDACTED] YON Diagram
- 18\_ (b) (3) Unpack [REDACTED] OPORD #U004
- 19\_ (b) (3) Unpack [REDACTED] Baseline OPORD #U004A (Rev 1)
- 20\_ (b) (3) Unpack [REDACTED] Diagram
- 21\_ Unpack Maintenance Order #UM03
- 22\_ Unpack ECP
- 23\_ Unpack [REDACTED] YON (b)(3) OPORD #U005
- 24\_ (b) (3) Unpack [REDACTED] YON (b)(3) Baseline OPORD #U005A (Rev 1)
- 25\_ Unpack [REDACTED] YON (b)(3) Thermal Baseline OPORD #U005B (Rev 1)
- 26\_ Unpack [REDACTED] YON (b)(3) Diagram
- 27\_ Unpack [REDACTED] YON (b)(3) OPORD #U006
- 28\_ Unpack [REDACTED] YON (b)(3) Baseline OPORD #U006A
- 29\_ Unpack [REDACTED] YON (b)(3) Thermal Baseline OPORD #U006B (Rev 1)
- 30\_ Unpack [REDACTED] YON (b)(3) Diagram
- 31\_ Unpack [REDACTED] OPORD #U007
- 32\_ Unpack [REDACTED] Baseline OPORD #U007A (Rev 1)
- 33\_ Unpack [REDACTED] Diagram

# Red Hill Pipeline Unpacking

Overall Classification of this Briefing is

Marking Removed

# (b) (3) (A) Pipeline Unpacking Red Hill

## Concept of Operation (Date: TBD)

### Operations Summary

- Preparatory
  - Phase I: Pre-Operation
  - Phase II: Valve Maintenance/Op Check/Pressure Equalization
- Fuel Movement (b) (3) (A)
  - Phase III: (b) (3) (A)
  - Phase IV: (b) (3) (A)
- Preparatory
  - Phase I: Pre-Operation
    - Planning: Data Gathering, Maint. Order, Op Order, HAZOP Analysis
    - Configuring: LOTO RH Tanks (b) (3) (A) Valves – Listed in Baseline
    - Training: To Maint. Order, Op Order, and Emergency Response
    - Evolution Walkthrough: All Scheduled Watch-Standers
  - Phase II: Valve Maintenance/Op Check/Pressure Equalization
    - Maintenance and Op Check: Grease and cycle (b) (3) (A)
    - Line Pressure Verification: Equalize pipeline to atmospheric pressure
    - Confirm Valve Alignment as identified in OPORD

### Fuel Movement

- Phase III:
  - Drain Down (b) (3) (A) line empty from Tank (b) (3) (A) Skillet to (b) (3) (A)
  - Evolution: (b) (3) (A) Transferring Location: To Hickam Tank (b) (3) (A)
  - Tank (b) (3) (A) Ullage: (b) (3) (A)
  - Line Pressure Verification: Pressure Equalization during Phase II
    - Pressure confirmed day of via Op Order
    - Open HPV on (b) (3) (A) to maintain ambient pressure
    - (b) (3) (A) unpacked, remove flange on (b) (3) (A)
    - Flow Fuel: (b) (3) (A)
    - Transfer Assist Pump: (b) (3) (A) located in (b) (3) (A)
    - Return Valves to Baseline: In sequence from Hickam to (b) (3) (A)
    - Return HPV Valves to Baseline
- Phase III Operational Staffing
  - Supervisor of the Watch (1)
  - Control Room Operator (1)
  - Asst. Control Room Operator (1)
  - Hickam Pump House Operator (1)
  - Work Supervisor (2)
  - Work Lead (2)
  - Independent Validators (5)
  - Rovers (13)



# (b) (3) (A) Pipeline Unpacking Red Hill

## Concept of Operation (Date: TBD)

### Fuel Movement

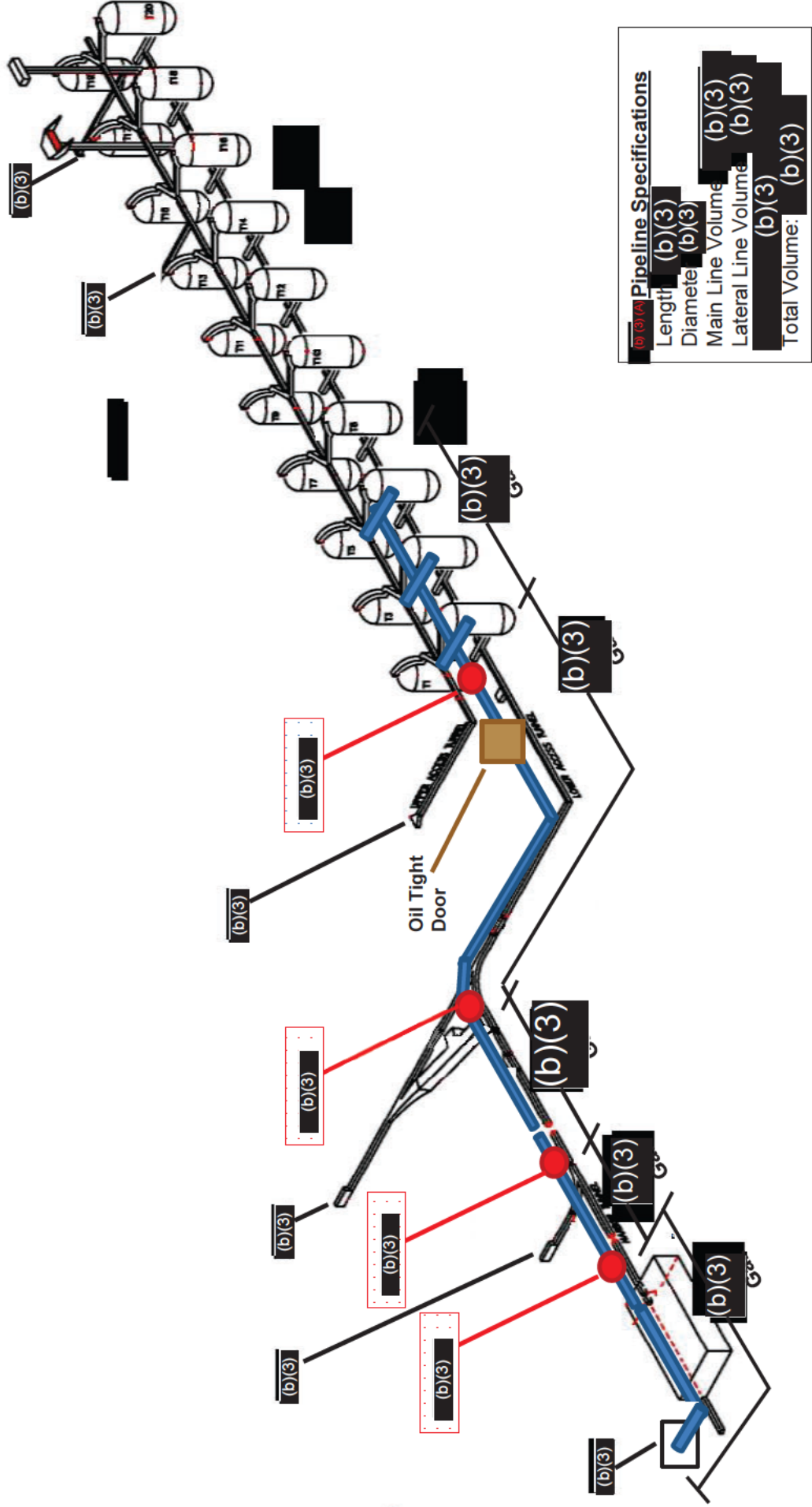
- Phase IV: (b) (3) (A) [redacted]
- Evolution: (b) (3) (A) [redacted]
- Transferring Location:
  - 1) (b) (3) (A) [redacted]
  - 2) (b) (3) (A) [redacted]
  - 3) (b) (3) (A) [redacted]
- Tank [redacted] Ullage: (b) (3) (A) [redacted]
- Line Pressure Verification: Pressure Equalization during Phase II and III
  - Pressure confirmed day of via Op Order [redacted]
  - Open (b) (3) (A) [redacted] to maintain ambient pressure
  - Ullage: (b) (3) (A) [redacted] to (b) (3) (A) [redacted]
  - Ullage: (b) (3) (A) [redacted] to (b) (3) (A) [redacted]
- Return Valves to Baseline: In sequence from [redacted] to (b) (3) (A) [redacted]
- Return HPVs Valves to Baseline

### Phase IV Operational Staffing

- Supervisor of the Watch (1) [redacted] Truck Operator (1)
- Control Room Operator (1) [redacted] Truck Operator (1)
- Asst. Control Room Operator (1) [redacted] Independent Validators (3)
- Work Supervisor (1) [redacted] Rovers (9)
- Work Leader (2)

(b) (3) (A)

# (b) (3) (A) Pipeline and Sectional Valve Volumes and Locations



# Pipeline Unpacking Red Hill

## Concept of Operation (Date: TBD)

### Operations Summary

- Preparatory
  - Phase I: Pre-Operation
  - Phase II: Valve Maintenance/Op Check/Pressure Equalization
- Fuel Movement (b) (3) (A)
- Phase III: (b) (3) (A)
- Phase IV: (b) (3) (A)
- Preparatory
  - Phase I: Pre-Operation
    - Planning: Data Gathering, Maint. Order, OPORD, HAZOP Analysis
    - Configuring: (b) (3) (A) Tanks Valves – Listed in Baseline
    - Training: To Maint. Order, OPORD, and Emergency Response
    - Evolution Walkthrough: All Scheduled Watch-Standers
  - Phase II: Valve Maintenance/Op Check/Pressure Equalization
    - Maintenance and Op Check: Grease and cycle (b) (3) (A)
    - Line Pressure Verification: Equalize pipeline to atmospheric pressure by opening HPV at Tank skillet
    - Confirm Valve Alignment as identified in OPORD

### Fuel Movement

- Phase III: (b) (3) (A) line empty from Tank (b) (3) (A) to Evolution: (b) (3) (A) at (b) (3) (A) Pier
- Transferring Location: To YON (b) (3) (A) Pier
- YON (b) (3) (A) Ullage: (b) (3) (A)
- Line Pressure Verification: Pressure Equalization during Phase II
  - Pressure confirmed day of via OPORD
  - Open HPV at Tank (b) (3) (A) to maintain ambient pressure
  - (b) (3) (A)
  - Return Valves to Baseline: In sequence from (b) (3) (A) Pier to (b) (3) (A)
  - Return HPV Valves to Baseline
- Phase III Operational Staffing
  - Supervisor of the Watch (1)
  - Control Room Operator (1)
  - Asst. Control Room Operator (1)
  - Work Supervisor (2)
  - Work Lead (1)
  - Pier PIC (1)
  - Asst. Pier PIC (1)
  - YON PIC (1)
  - Asst. YON PIC (1)
  - YON Asst. (1)
  - Operator (1)
  - Independent Validators (2)
  - Rovers (14)



# (b) (3) (A) Pipeline Unpacking Red Hill

## Concept of Operation (Date: TBD)

### Fuel Movement

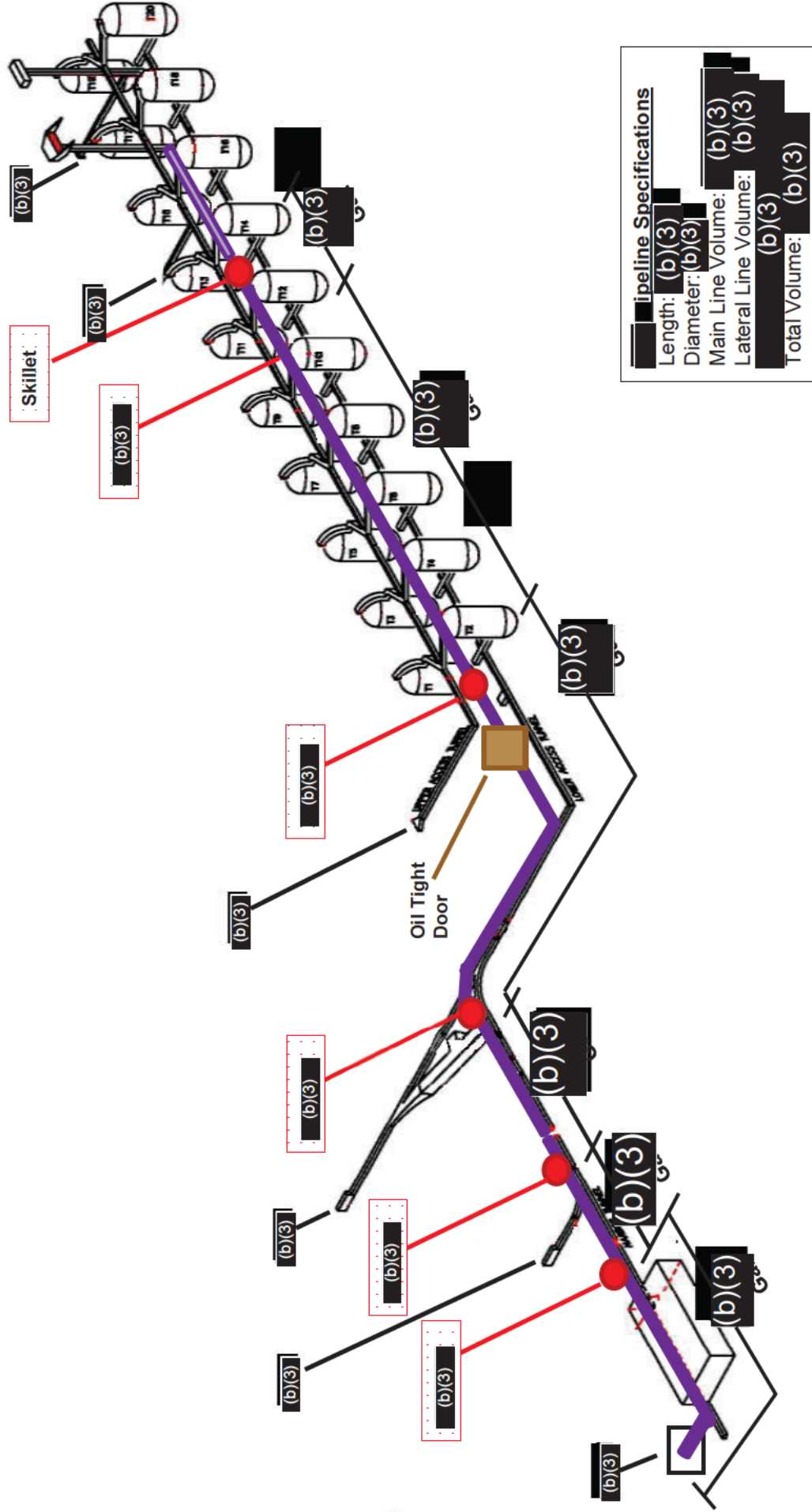
- Phase IV: (b) (3) (A) line empty from (b) (3) to (b) (3)
- Evolution: (b) (3) (A)
- Transferring Location:
  - 1) (b) (3) (A)
  - 2) (b) (3) (A)
  - 3) (b) (3) (A)
- Tank Ullage: (b) (3) (A)
- Line Pressure Verification: Pressure Equalization during Phase II and III
  - Pressure confirmed day of via OPORD
  - Open HPV at Tank (b) (3) (A) to maintain ambient pressure
- (b) (3) (A) Ullage: (b) (3) (A)
- (b) (3) (A) : (b) (3) (A)
- Return Valves to Baseline: In sequence from Tank to (b) (3)
- Return HPVs Valves to Baseline

### Phase IV Operational Staffing

- Supervisor of the Watch (1)
- Control Room Operator (1)
- Asst. Control Room Operator (1)
- Work Supervisor (1)
- Work Leader (2)
- Asst. (1)
- Independent Validators (3)
- Rovers (9)
- Truck Operator (1)
- Truck Operator (1)



# (b) (3) (A) Pipeline and Sectional Valve Volumes and Locations





# Pipeline Unpacking Red Hill

## Concept of Operation (Date: TBD)

### Operations Summary

- Preparatory
  - Phase I: Pre-Operation
  - Phase II: Valve Maintenance/Op Check/Pressure Equalization
- Fuel Movement**
- Phase III: (b) (3) (A)
  - Phase III: (b) (3) (A)
  - Phase IV: (b) (3) (A)
- Preparatory**
- Phase I: Pre-Operation
    - Planning: Data Gathering, Maint. Order, OPORD, HAZOP Analysis
    - Configuring (b) (3) (A) Tanks (b) (3) (A) Valves – Listed in Baseline
    - Training: To Maint. Order, OPORD, and Emergency Response
    - Evolution Walkthrough: All Scheduled Watch-Standers

### Fuel Movement

- Phase III: (b) (3) (A) line empty from Line End to (b) (3)
  - Evolution: (b) (3) (A) at (b) (3) (A) Pier (b) (3) (A)
  - Transferring Location 1: To YON (b) (3) at (b) (3) (A) Pier (b) (3) (A)
  - Transferring Location 2: To YON (b) (3) at (b) (3) (A) Pier (b) (3) (A)
  - YON (b) (3) Ullage: (b) (3) (A)
  - YON (b) (3) Ullage: (b) (3) (A)
  - Line Pressure Verification: Pressure Equalization during Phase II
    - Pressure confirmed day of via OPORD
    - Open HPV at Line End to maintain ambient pressure
  - (b) (3) (A) Fuel: (b) (3) (A)
  - Return Valves to Baseline: In sequence from (b) (3) (A) Pier to (b) (3)
  - Return HPV Valves to Baseline
- Phase III Operational Staffing**
- Supervisor of the Watch (1)
  - Control Room Operator (1)
  - Asst. Control Room Operator (1)
  - Work Supervisor (2)
  - Work Lead (1)
  - Pier PIC (1)
  - Asst. Pier PIC (1)
  - YON PIC (1)
  - Asst. YON PIC (1)
  - YON Asst. (1)
  - Operator (1)
  - Independent Validators (2)
  - Rovers (14)

(b) (3) (A)

# (b) (3) (A) Pipeline Unpacking Red Hill

## Concept of Operation (Date: TBD)

### Fuel Movement

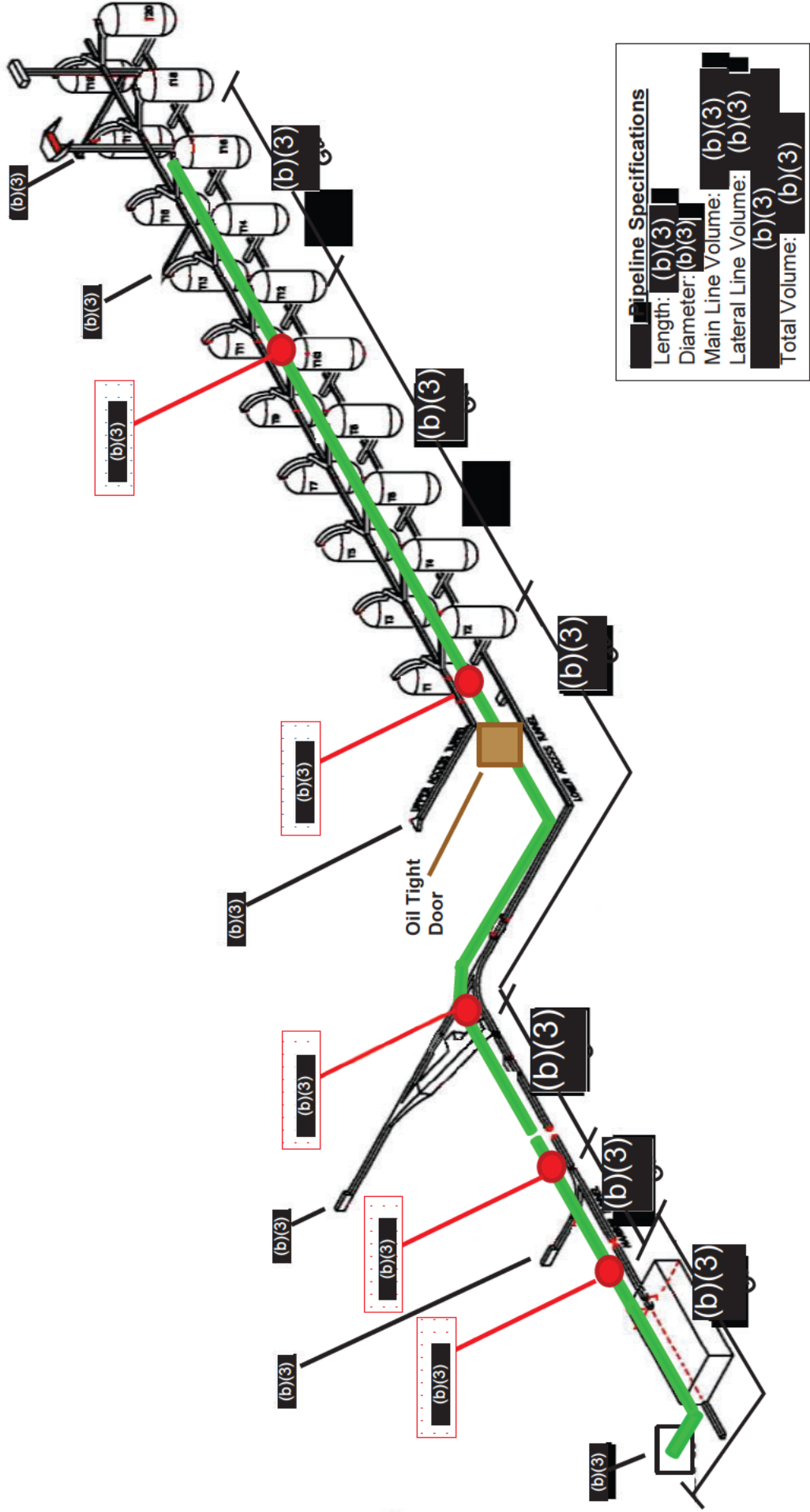
- Phase IV: (b) (3) (A) (b) (3) (A) Gallons)
- Evolution: (b) (3) (A) line empty from (b) (3) to (b) (3)
- Transferring Location:
  - 1) From (b) (3) (A)
  - 2) From (b) (3) (A)
  - 3) From (b) (3) to Tank
- Tank Ullage: (b) (3) (A)
- Line Pressure Verification: Pressure Equalization during Phase II and III
  - Pressure confirmed day of via OPOD
  - Open HPV at Line End to maintain ambient pressure
- (b) (3) (A) Ullage: (b) (3) (A)
- (b) (3) (A) Ullage: (b) (3) (A)
- Return Valves to Baseline: In sequence from Tank to (b) (3)
- Return HPVs Valves to Baseline

### Phase IV Operational Staffing

- Supervisor of the Watch (1)
- Control Room Operator (1)
- Asst. Control Room Operator (1)
- Work Supervisor (1)
- Work Leader (2)
- Asst. (b) (3) (A) Truck Operator (1)
- Independent Validators (3)
- Rovers (9)

(b) (3) (A)

# Pipeline and Sectional Valve Volumes and Locations



Authored By: (b)(6)	<b><u>DFSP Pearl Harbor</u></b> <b><u>Maintenance Order</u></b> <b>Red Hill (b)(6) Line Equalization and Maintenance Order</b>	Doc #: UM01 Rev No. 1
Doc Custodian: Fuels Department		<b>Maintenance Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

Reviewed By: (b)(6) – (b)(4) Engineer

Reviewed By: (b)(6) – Operations Supervisor

Reviewed By: (b)(6) – Fuels Operations Director

Approved By: LCDR (b)(6) – Deputy Fuels Director

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Authored By: (b)(6)	<b><u>DFSP Pearl Harbor</u></b> <b><u>Maintenance Order</u></b> <b>Red Hill (b)(3)(A) Line Equalization and</b> <b>Maintenance Order</b>	Doc #: UM01 Rev No. 1
Doc Custodian: Fuels Department		<b>Maintenance Order</b>
Approved By: LCDR (b)(6)		Effective Date: 0/30/2022
Date Approved: 08/30/2022		

**Requested Start Date:** 10/3/2022 **Estimate:** (b)(3)(A) (b)(3)(A) **Time:** 4 hr (b)(3)(A) (b)(3)(A) **Priority:** Routine  
**Operations Support Needed:** No / **Yes:** Equalization / Return Sectional Valves to Baseline  
**Operations Scheduling Needed:** None / **Impact:** Red Hill to (b)(3)(A) LOTO

**MAINTENANCE ORDER**

1. This Maintenance Order ONLY details **Phase 2, Equalization and Valve Maintenance** of the (b)(3)(A) 'Unpacking Process'.
2. DFSP JBPHH conducts equalization on the Red Hill (b)(3)(A) pipeline to support the maintenance greasing, cycling, and PM work on the sectional valves.

**WARNING: In the case of an emergency, take the following steps:**

1. Take immediate action to shut the nearest valve to prevent the movement of fuel;
2. Notify the CRO;
3. Reference the ICP plan for further instruction.

**REFERENCES**

1. Operations, Maintenance, Environmental, and Safety Plan (OMES), Dated August 2018
2. UFC 3-460-03, United Facilities Criteria, Operations and Maintenance: Maintenance Petroleum Fuel Facilities
3. NAVSUPINST 5100.12B, Control of Hazardous Energy Procedure (LOTO/ECP)
4. Mechanical Integrity Procedure

**ENCLOSURES**

- Enclosure (1): ECP  
 Enclosure (2): WAF: To be completed  
 Enclosure (3): PM Job Orders: To be completed  
 Enclosure (4): (b)(3)(A) HPV Elevation Calculation

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Authorized By: (b)(6)	<b><u>DFSP Pearl Harbor</u></b> <b><u>Maintenance Order</u></b> <b>Red Hill (b)(6) Line Equalization and</b> <b>Maintenance Order</b>	Doc #: UM01 Rev No. 1
Doc Custodian: Fuels Department		<b>Maintenance Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 0/30/2022

**MAINTENANCE ORDER START**

**SECTION 1 – MUSTER**

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 10. **LAP:** Conduct a Muster to ensure all assigned personnel are in attendance for the upcoming brief.

Zone Assignment	Personnel Assignments	Name	Call Sign
	Lead Authorized Person(LAP)		
	Maintenance Controller(MC)		
	Maintenance Personnel(MP)		
	Maintenance Supervisor(MS)		
	Operations Supervisor(OS)		
	Operations Personnel(OP)		
	CRO		
	Assistant CRO		

**SECTION 2 – PRE-BRIEF**

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 20. **MC:** Confirm submitted ECP form and prepare WAF form.

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 30. **MC:** Review Maintenance and Operations Schedule for any impact to or from this order on overlapping Operations or Maintenance Orders.

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 40. **OS/MS:** Confirm and assign required personnel needed for the Maintenance Order.

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Authored By: (b)(6)	<b><u>DFSP Pearl Harbor</u></b> <b><u>Maintenance Order</u></b> <b>Red Hill (b)(6) Line Equalization and Maintenance Order</b>	Doc #: UM01 Rev No. 1
Doc Custodian: Fuels Department		<b>Maintenance Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 0/30/2022

### SECTION 3 – WATCH TEAM BRIEF

**DATE TIME INITIALS**

- \_\_\_\_/\_\_\_\_/\_\_\_\_ 50. **LAP:** Lead the brief in the Maintenance Control Room to include:
- ECP review
  - WAF review
  - Maintenance Order
  - Operations Involvement
- \_\_\_\_/\_\_\_\_/\_\_\_\_ 60. **MC:** Administrate Documents, Provide Locks, and Post WAF.
- \_\_\_\_/\_\_\_\_/\_\_\_\_ 70. **MP:** Confirm and Sign ECP and WAF.
- \_\_\_\_/\_\_\_\_/\_\_\_\_ 80. **OS/MS:** Confirm personnel assignments, scheduling, and operations requirements.
- \_\_\_\_/\_\_\_\_/\_\_\_\_ 90. **CRO:** Confirm readings and information accuracy:
- Flow Path – is accurate and no \*oos\* notes in AFHE
  - MOV Isolation – MOVs indicated in ECP not part of separate LOTO, and actuation will not interfere with simultaneous operations
  - AFHE Involvement – Confirm AFHE ability to support order
  - Approximate duration – Confirm scheduling and control of simultaneous operations will not overburden Control Room

### SECTION 4 – PRE-CHECK

**DATE TIME INITIALS**

- \_\_\_\_/\_\_\_\_/\_\_\_\_ 100. **LAP:** Walk and view piping and isolation points, confirming ECP.
- \_\_\_\_/\_\_\_\_/\_\_\_\_ 110. **MC:** Walk and view piping and isolation points, confirming ECP.

**Attach & Review ECP and ECP drawings to this order.**

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Authorized By: (b)(6)	<b><u>DFSP Pearl Harbor</u></b> <b><u>Maintenance Order</u></b> <b>Red Hill (b)(3)(A) Line Equalization and</b> <b>Maintenance Order</b>	Doc #: UM01 Rev No. 1
Doc Custodian: Fuels Department		<b>Maintenance Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 0/30/2022

## SECTION 5 – ISOLATING AND LOTO

### DATE TIME INITIALS

- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 120. **LAP:** Verify ECP Valve Configuration and Hang Equipment Locks & Tags.
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 130. **LAP/MP:** Install Locking Devices and Tags per ECP.
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 140. **LAP:** Review Locks, Tags, and Isolation Devices.
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 150. **LAP:** Sign and Post WAF and ECP package at job site.
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 160. **OP:** Vent (b)(3)(A) Line:
- Install Compound Pressure Gauge assembly at (b)(3)
  - Open (b)(3) keeping the Pressure Gauge assembly valve closed. Should see pressure decrease here slightly
  - Verify Gauge is reading \_\_\_\_\_ psig
  - Very Slowly Open Pressure Gauge assembly valve – NOTE: May hear air suck into pipe
  - Wait for pressure to equalize
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 170. **OP:** Close (b)(3)

## SECTION 6 – UNDERGOING MAINTENANCE

### DATE TIME INITIALS

- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 180. **MP:** Complete assigned PM and Job Orders.

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Authored By: (b)(6)	<b><u>DFSP Pearl Harbor</u></b> <b><u>Maintenance Order</u></b> <b>Red Hill (b)(6) Line Equalization and</b> <b>Maintenance Order</b>	Doc #: UM01 Rev No. 1
Doc Custodian: Fuels Department		<b>Maintenance Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 0/30/2022

**REVISION HISTORY**

Revision Number	Description of Change	Technical Basis	Requested By	Approved By	Revision Date	Effective Date

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## ENERGY CONTROL PROCEDURE (ECP) FORM

Energy Control Procedure No. _____ Lockbox No. _____		Page ___ of ___						
		Date: _____						
Location and WAF Number		Job Lock Key Custodian (Maintenance Controller)						
Equipment ID/ Description		Change						
(b)(3) Header and Laterals		From	To					
		Date/Time						
Job Description		Change						
		From	To					
		Date/Time						
Lead Authorized Employee								
Authorized Employee must notify all Affected Personnel of equipment/ vessel isolation. Document isolation steps below and perform LOCK, TAG, and TRY.								
LOTO Isolation Date	Valve Number	Lock and/or tag Number and Blind Number	Isolation Position (Open or Closed)	LOTO Installed By	Lock Tag Try (Y/N)	LOTO Removal Date	LOTO Removed By	Comments
	(b)(3)		Closed					
			Closed					
			Closed					
			Closed					
			Closed					
			Closed					
			Closed					
			Closed					
			Closed					
			Closed					
			Closed					
			Closed					
			Closed					
			Closed					
			Closed					
			Closed					
			Closed					
				Closed				
By printing my name in the box below, I signify that all stored energy is dissipated. All isolation points are in the proper position and my personal lock has been attached to either an individual lockout tagout device or group lockbox.								
Print Authorized Employee Name and Company					Write on the back if necessary			
1					4			
2					5			
3					6			



# HPV Elevation Calculation

Problem: Determine if HPV on the (b)(3) lateral line at Tank is above the expected fuel level at the (b)(3) line skillet blind at Tanks (b)(3)?

Reference Point: Top Dead Center (TDC) of the (b)(3) line below the (b)(3) lateral line at Tanks

Solution: Determine height of HPV on the (b)(3) lateral line at Tank above the Reference Point.  
Estimate height of fuel level at the (b)(3) line skillet blind at Tanks.  
Compare the two heights to ensure HPV is above estimated fuel level.  
Validate results using lazer level and tape measure.

Step 1. Determine height of HPV on the (b)(3) lateral line at Tank above the Reference Point.

Using 25' tape measure, the top of the HPV is approximately (b)(3) above the (b)(3) lateral line at Tank  
The diameter of the (b)(3) lateral line at Tank is (b)(3)  
Using 25' tape measure, the distance from the bottom of the (b)(3) lateral line to the Reference Point is approximately (b)(3).

Height (ft) of the HPV on the (b)(3) lateral line at Tank above the Reference Point:

Step 2. Estimate height of fuel level at the (b)(3) line skillet blind at Tanks.

Using the same reference point (TDC of the (b)(3) line below the (b)(3) lateral line at Tanks).  
The slope of the (b)(3) line throughout the Red Hill Tank Gallery is (b)(3) % (see below)

Recorded elevation at Tanks (b)(3) (A) (b)(3) feet above mean sea level  
Recorded elevation at Tanks (b)(3) (b)(3) feet above mean sea level  
Distance between Tanks (b)(3) (A) (b)(3) feet (b)(3)

Average slope of the (b)(3) line:

Distance (feet) between Reference Point and (b)(3) line skillet blind at Tanks

Height (feet) of expected fuel level at the (b)(3) line skillet blind at Tanks:

Step 3. Compare the two heights to ensure HPV is above estimated fuel level.

Step 4. Validate results using lazer level and tape measure.

A lazer level was attached to a step ladder and energized creating two horizontal beams throughout the tunnel.

Using 25' tape measure, the distance (ft) from the top of the HPV down to the lazer beam was measured:

Using 25' tape measure, the distance (ft) from the bottom of the (b)(3) line skillet blind down to the lazer beam was measured:

The diameter of the (b)(3) line is (b)(3), so the distance from the top of the (b)(3) line to the laser beam is:

Height (feet) of expected fuel level at the (b)(3) line skillet blind at Tanks (b)(3):

(b)(3)

(b)(3)

Notes: Although calculation and measurement may show that the HPV is below the expected fuel level at the (b)(3) line skillet blind, the (b)(3) line is currently OPEN to the (b)(3) and pressure indication shows the line is currently under (b)(3). A (b)(3) condition at the (b)(3) line skillet blind would mean the level of the fuel at that point is less than full, maybe significantly less. It is recommended to use the HPV to vent the line, however preparations should be made to prevent any spillage at the HPV from reaching the environment or impacting personnel.

Source of Errors:

Lazer level was reportedly accurate to (b)(3), however it was readable to the full (b)(3).

Meaurements taken by tape measure from the ground are likely to be +/- 1/4".

Recorded elevations were assumed to be accurate and not checked.

Authored By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH (b)(3)(A) Unpacking to (b)(3) with (b)(3)</b>	Doc #: U001 Rev No. 1
Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

Reviewed By: (b)(6) – (b)(4) Engineer

Reviewed By: (b)(6) – Operations Supervisor

Reviewed By: (b)(6) – Fuels Operations Director

Approved By: LCDR (b)(6) – Deputy Fuels Director

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EVOLUTION START DATE: \_\_\_\_\_

CONTROL ROOM INITIALS (MASTER COPY): \_\_\_\_\_

FIELD COPY INITIALS: \_\_\_\_\_

**EVOLUTION ORDER**

1. This Operations Order ONLY details **Phase 3, (b)(3)(A)**, of the **(b)(3)(A) Unpacking Process**.
2. DFSP JBPHH conducts unpacking operations from the **Red Hill (b)(3)(A) Pipeline** to (b)(3) to vacate **(b)(3)(A) pipeline of (b)(3) gallons**.
3. **(b)(3)** in **(b)(3)** will be used to drain down.

Issue Source	Receipt Tank	Volume(Gal)	Deputy Director of Fuels Initial
RH (b)(3)(A) Pipeline	(b)(3)		

**WARNING: In the case of an emergency, take the following steps:**

1. **Take immediate action to shut the nearest valve to prevent the movement of fuel;**
2. **Notify the CRO;**
3. **Reference the ICP plan for further instruction.**

**REFERENCES**

1. Operations, Maintenance, Environmental, and Safety Plan (OMES), Dated August 2018
2. MIL – STD 3004-1: Department of Defense Standard Practice Quality Assurance for Bulk Fuels, Lubricants and Related Products
3. Integrated Contingency Plan (ICP), Date August 2018

**ENCLOSURES**

Enclosure (1): Flow Diagram

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RH (b)(3)(A) Unpacking to (b)(3) with (b)(3)

**OPERATIONAL ORDER START**

**CAUTION: If a deviation or modification is needed in this order, the CRO must obtain proper approval for the change following the Change Request Form at the rear of this document.**

**NOTE: A valve baseline must be conducted prior to the execution of this Operations Order.**

**SECTION 1 – MUSTER**

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 10.      **SoW:** Conduct a Muster to ensure all assigned personnel are in attendance for the brief.

Zone Assignment	Personnel Assignments	Name	Call Sign
Control Room	SoW		
Control Room	PRL CRO		
Control Room	PRL Assistant CRO		
HCK Pumphouse	HCK Pumphouse Operator		
(b)(3) PH	Work Lead Pearl		
HCK Pumphouse	Work Supervisor Hickam		
TK Lateral	Work Supervisor Red Hill		
TK HPV	Work Lead Read Hill		
Zone 1	Rover #1 Lower Tank Gallery		
Zone 2	Rover #2 RH TK HPV		
Zone 3	Rover #3 RH (b)(3) TK		
Zone 4	Rover #4 (b)(3) (b)(3)		
Zone 5	Rover #5 (b)(3) (b)(3)		
Zone 6	Rover #6 (b)(3) (b)(3) (b)(3)		
Zone 7	Rover #7 (b)(3) (b)(3)		
Zone 8	Rover #8 (b)(3)		
Zone 9	Rover #9 (b)(3) PH		
Zone 10	Rover #10 (b)(3) Pipeline		
Zone 11	Rover #11 (b)(3)		
Zone 12	Rover #12 (b)(3)		
Zone 13	Hickam Rover (All Areas)		
TK HPV/TK	RH Independent Validator		
(b)(3)	Pearl Independent Validator		
(b)(3)	Pearl Independent Validator		
(b)(3)	Pearl Independent Validator		
HCK Pumphouse	Hickam Independent Validator		

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**SECTION 2 – PRE-BRIEF**

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 20. **SoW:** Confirm the following procedures are complete IOT conduct Phase 3:  
**(b)(3)(A)** Pipeline Drain Down:

- Phase 2: Maintenance Order/Pressure Equalization has been completed and operating conditions are acceptable to proceed.
- Baseline Operations Orders is completed and validated accurate. (Doc# )

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 30. **WS:** Assign required personnel needed for this Operations Order.

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 40. **CRO:** Verify following procedures are complete:

- Valve baseline matches current AFHE configuration
- SDS and ICP on-hand and updated
- Ensure ullage in receiving tank \_\_\_\_\_ is greater than **(b)(3)** gallons for transfer.

**NOTE:** If there is a discrepancy from the AFHE to the last manual gauge that is +/- 3/16", inform SoW before proceeding, Hickam Rover shall manually top gauge tank prior to conducting transfer operation.

Receiving Tank	Start Level (Ft/In)	Start Ullage (Gal)	CRO Initials	Assistant CRO Initials	Time
_____					

HCK Tank	High Op Limit Level (Ft/In)	High Op Limit Level (Gal)
_____	_____	_____

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\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 50. **PRL/RH WL:** Have the following required paperwork on-hand:

- Operation Order
- C700 Operations Notification Flow Chart
- (b)(3) meter calibration paperwork – up to date

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 60. **CRO:** Prepare/provide the following required paperwork:

- Tank Inventory Control Daily Levels
- Running Gauge Record
- Transfer Record
- Verify (b)(3) meter is operational and connected in AFHE.
- Verify the (b)(3) current pressure rating.

PIT #	PIT Reading (PSI)	Time
(b)(3)		

**CAUTION: Follow all Safety and Environmental protection. Pipeline Pressure: Less than ( ) psig in the (b)(3) (b)(3) , corresponds to ( ) forming in the Red Hill Tank Gallery Pipeline. PIT pressures will be documented and reported to the Supervisor of the Watch**

**CAUTION: Follow all Safety and Environmental protection. Pipeline Pressure: Less than ( ) psig in the (b)(3) (b)(3) , corresponds to dangerous vapor bubble formed in the Red Hill Tank Gallery Pipeline. PIT pressures will be documented and reported to the Supervisor of the Watch**

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**SECTION 3 – WATCH TEAM BRIEF**

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 70.      **SoW:** Lead the brief in the (b)(3) Meeting Room to include:

- Operational Procedures/Priorities
- Operational Expectations
- Integrated Contingency Plan

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 80.      **SoW:** Step through operations order and address any questions.

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Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		RH (b)(3) Unpacking to (b)(3) with (b)(3)

## SECTION 4 - VALVE ALIGNMENT

### DATE TIME INITIALS

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 90. **CRO:** Prior to **OPEN/CLOSE** any valves ensure the following procedures have been completed:

- Notify Station "C" by contacting \_\_\_\_\_ and providing the following information:
  - Pump HP
  - Approximate duration: All Day
- Ensure AFHE System is set for "Issue" Evolution.

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 100. **All Assigned Personnel:** Report to their designated zones and conduct radio communications check with **CRO**.

Zone Assignment	Personnel Assignments	Call Sign	Report Time
Control Room	SoW		
Control Room	PRL CRO		
Control Room	PRL Assistant CRO		
HCK Pumphouse	HCK Pumphouse Operator		
(b)(3) PH	Work Lead Pearl		
HCK Pumphouse	Work Supervisor Hickam		
TK (b)(3) Lateral	Work Supervisor Red Hill		
TK (b)(3) HPV	Work Lead Read Hill		
Zone 1	Rover #1 Lower Tank Gallery		
Zone 2	Rover #2 RH TK (b)(3) HPV		
Zone 3	Rover #3 RH (b)(3) TK (b)(3)		
Zone 4	Rover #4 (b)(3) (b)(3)		
Zone 5	Rover #5 (b)(3) (b)(3)		
Zone 6	Rover #6 (b)(3) (b)(3) (b)(3)		
Zone 7	Rover #7 (b)(3) (b)(3)		
Zone 8	Rover #8 (b)(3)		
Zone 9	Rover #9 (b)(3) PH		
Zone 10	Rover #10 (b)(3) Pipeline		
Zone 11	Rover #11 (b)(3)		
Zone 12	Rover #12 (b)(3)		
Zone 13	Hickam Rover (All Areas)		
TK (b)(3) HPV/TK (b)(3)	RH Independent Validator		
(b)(3)	Pearl Independent Validator		
(b)(3)	Pearl Independent Validator		
(b)(3)	Pearl Independent Validator		
HCK Pumphouse	Hickam Independent Validator		

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- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 110. **RH WL:** Confirm pressure at (b)(3) is maintained between -16 and 5 psi on the compound pressure gauge throughout the operation.
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 120. **CRO:** Request RH WL **OPEN** (b)(3)
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 130. **CRO:** Use the table below to sequentially **OPEN** and validate the valves using the “point and call” system.
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 140. **Rov/IV:** Validate valve alignment in the field and report valve position per CRO point and call request.

**Pearl Harbor**

Sequential Number	Valves Verified <b>OPEN</b>	Location	CRO Initials	Assistant CRO Initials	Time
1	<b>(b)(3)</b>				/
2					/
3					/
4					/
5					/
6					/
7					/
8					/
9					/
10					/
11					/
12					/
13					/
14					/
15					/
16					/
17					/
18					/
19					/
20					/
21					/
22					/
23					/
24					/
25					/
26					/

(\*) Denotes a manual valve

**NOTE:** CRO shall regulate (b)(3), in order to maintain pressure between **90 – 100 psi**.

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**Hickam Tank (b)(3)(A)**

\_\_\_\_/\_\_\_\_/\_\_\_\_ 150. HCK WL/IV: **OPEN** the following valves and report to PRL CRO.

Sequential Number	Valves Verified <b>OPEN</b>	Location	CRO Initials	Assistant CRO Initials	Time Rover
1	<b>(b)(3)</b>				/
2					/

(\* Denotes a manual valve.

\_\_\_\_/\_\_\_\_/\_\_\_\_ 160. HCK WL/IV: **CLOSE** the following valves and report to PRL CRO.

Sequential Number	Valves Verified <b>CLOSE</b>	Location	CRO Initials	Assistant CRO Initials	Time Rover
1	<b>(b)(3)</b>				/

(\* Denotes a manual valve.

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Authorized By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> RH (b)(3) Unpacking to (b)(3) with (b)(3)	Doc #: U001 Rev No. 1
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**SECTION 5 – DRAINING**

**DATE TIME INITIALS**

\_\_\_/\_\_\_/\_\_\_ 170. **CRO:** Request permission to start the (b)(3) Drain Down operation:

- CRO to SoW**
- SoW to Fuels Director**
- Fuels Director to Commanding Officer**

\_\_\_/\_\_\_/\_\_\_ 180. **CRO:** Verify the following prior to proceeding:

- Verify Proper Valve Alignment
- HCK WL** ready to receive

\_\_\_/\_\_\_/\_\_\_ 190. **RoV:** Take sample at (b)(3)

\_\_\_/\_\_\_/\_\_\_ 200. **CRO:** Slowly open (b)(3) to begin transfer.

Sequential Number	Valves Verified <b>OPEN</b>	Location	CRO Initials	Assistant CRO Initials	Time
1	(b)(3)	(b)(3)			/
(*) Denotes a manual valve.					

**NOTE: Flow rate to not exceed (b)(3) controlled by (b)(3) .**

\_\_\_/\_\_\_/\_\_\_ 210. **HCK WL:** Inform PRL CRO when positive flow into the receiving tank is obtained.

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\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 220. CRO/WL: Monitor and record (b)(3) meter hourly, once has registered (b)(3) gal, crack and remove (b)(3) flange from (b)(3) lateral for vent.

Hour # (Time)	Current Tank Amount (Gal)	(b)(3) Meter (Gal)	CRO Initials	Assistant CRO Initials
0 ( )				
.5 ( )				
1 ( )				
1.5 ( )				
2 ( )				
2.5 ( )				
3 ( )				

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 230. CRO: Start Pump (b)(3) at (b)(3) and have all zones report their conditions

Zone Assignment	Personnel Assignments	Report Time	Status (Notes)
Control Room	SoW		
Control Room	PRL CRO		
Control Room	PRL Assistant CRO		
HCK Pumphouse	HCK Pumphouse Operator		
(b)(3) PH	Work Lead Pearl		
HCK Pumphouse	Work Supervisor Hickam		
TK (b)(3) Lateral	Work Supervisor Red Hill		
TK (b)(3) HPV	Work Lead Read Hill		
Zone 1	Rover #1 Lower Tank Gallery		
Zone 2	Rover #2 RH TK (b)(3) HPV		
Zone 3	Rover #3 RH (b)(3) TK (b)(3)		
Zone 4	Rover #4 (b)(3) (b)(3)		
Zone 5	Rover #5 (b)(3) (b)(3)		
Zone 6	Rover #6 (b)(3) (b)(3) (b)(3)		
Zone 7	Rover #7 (b)(3) (b)(3)		
Zone 8	Rover #8 (b)(3)		
Zone 9	Rover #9 (b)(3) PH		
Zone 10	Rover #10 (b)(3) Pipeline		
Zone 11	Rover #11 (b)(3)		
Zone 12	Rover #12 (b)(3)		
Zone 13	Hickam Rover (All Areas)		
TK (b)(3) HPV/TK (b)(3)	RH Independent Validator		
(b)(3)	Pearl Independent Validator		
(b)(3)	Pearl Independent Validator		
(b)(3)	Pearl Independent Validator		
HCK Pumphouse	Hickam Independent Validator		

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- \_\_\_ / \_\_\_ / \_\_\_ 240. CRO/PRL WL: Monitor (b)(3) Pump (b)(3) in preparation for loss of head and pump cavitation. NOTE: After (b)(3) gal, prepare for cavitation.
- \_\_\_ / \_\_\_ / \_\_\_ 250. CRO/PRL WL: CRO gets low suction alarm or pump cavitates, CRO will shutoff Pump (b)(3) and have WL verify the pump is secured.

## SECTION 6 – RETURN TO BASELINE

### DATE TIME INITIALS

#### Hickam Tank 11-1

- \_\_\_ / \_\_\_ / \_\_\_ 260. HCK WL/IV: **CLOSE** the following valves and report to PRL CRO.

Sequential Number	Valves Verified <b>CLOSE</b>	Location	CRO Initials	Assistant CRO Initials	Time Rover
1	<b>(b)(3)</b>				/
2					/

(\*) Denotes a manual valve.

- \_\_\_ / \_\_\_ / \_\_\_ 270. HCK WL/IV: **OPEN** the following valves and report to PRL CRO.

Sequential Number	Valves Verified <b>OPEN</b>	Location	CRO Initials	Assistant CRO Initials	Time Rover
1	<b>(b)(3)</b>				/

(\*) Denotes a manual valve.

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\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 280. **CRO:** Use the table below to sequentially **CLOSE** and validate the valves using the “point and call” system.

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 290. **PRL Rov/IV:** Validate valve alignment in the field per **CRO** point and call direction.

Sequential Number	Valves Verified <b>CLOSE</b>	Location	CRO Initials	Assistant CRO Initials	Time Rover
1	(b)(3)				/
2					/
1					/
2					/
3					/
4					/
5					/
6					/
7					/
8					/
9					/
10					/
11					/
12					/
13					/
16					/
17					/
(*) Denotes a manual valve.					

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Authorized By: (b)(6)	<b>DFSP Pearl Harbor Recurring</b> <b>Operations Order</b> <b>RH (b)(3) Unpacking to (b)(3) with (b)(3)</b>	Doc #: U001 Rev No. 1
Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
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Date Approved: 08/30/2022		Effective Date: 08/30/2022

\_\_\_\_/\_\_\_\_/\_\_\_\_ 300. **All assigned personnel:** Report zone condition to **CRO**.

Zone Assignment	Personnel Assignments	Report Time	Status (Notes)
Control Room	SoW		
Control Room	PRL CRO		
Control Room	PRL Assistant CRO		
HCK Pumphouse	HCK Pumphouse Operator		
(b)(3) PH	Work Lead Pearl		
HCK Pumphouse	Work Supervisor Hickam		
TK (b)(3) Lateral	Work Supervisor Red Hill		
TK (b)(3) HPV	Work Lead Read Hill		
Zone 1	Rover #1 Lower Tank Gallery		
Zone 2	Rover #2 RH TK (b)(3) HPV		
Zone 3	Rover #3 RH (b)(3) TK (b)(3)		
Zone 4	Rover #4 (b)(3) (b)(3)		
Zone 5	Rover #5 (b)(3) (b)(3)		
Zone 6	Rover #6 (b)(3) (b)(3) (b)(3)		
Zone 7	Rover #7 (b)(3) (b)(3)		
Zone 8	Rover #8 (b)(3)		
Zone 9	Rover #9 (b)(3) PH		
Zone 10	Rover #10 (b)(3) Pipeline		
Zone 11	Rover #11 (b)(3)		
Zone 12	Rover #12 (b)(3)		
Zone 13	Hickam Rover (All Areas)		
TK (b)(3) HPV/TK (b)(3)	RH Independent Validator		
(b)(3)	Pearl Independent Validator		
(b)(3)	Pearl Independent Validator		
(b)(3)	Pearl Independent Validator		
HCK Pumphouse	Hickam Independent Validator		

\_\_\_\_/\_\_\_\_/\_\_\_\_ 310. **RH WL/Rov:** Report the following procedures have been completed and report to **CRO**.

- (b)(3) **CLOSE**
- TK (b)(3) Blank Flange **Re-installed**

\_\_\_\_/\_\_\_\_/\_\_\_\_ 320. **CRO:** Ensure the following are verified and will announce when complete:

- (b)(3) path utilized is back to baseline configuration
- “Issue”** Evolution has ended on AFHE System

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**SECTION 7 – CLOSEOUT**

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 330. **HCK WL/Rov:** Manually gauge receiving tank ~ one (1) hour after the final secure time of the (b)(3) operation and record final meter amount issued and report to CRO.

Receiving Tank	Finish Level (Ft/In)	Finish Level (Gal)	CRO Initials	Assistant CRO Initials	Time
(b)(3)					
(b)(3) meter	N/A				

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 340. **CRO/HCK WL:** Verify the following documents are completed and turned in at the main building, Pearl Harbor: (b)(3) and Hickam: (b)(3) at the end of the day:

- Pearl Harbor:**
  - FLC Fuel Form 703-18, Transfer Record
  - FLC Fuel Form 703-22, Tank Inventory Control Daily Levels
  - FLC Fuel Form 703-24, Running Gauge Record
- Hickam:**
  - FLC Fuel Form 703-18, Transfer Record
  - FLC Fuel Form 703-24, Running Gauge Record
  - LCL 23-15 Pipeline Receipts (b)(3) and (b)(3)

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 350. **SoW:** Verify the following procedures have been completed:

- All procedures completed IAW OPORD
- Documentation is completed
- All information/signature blocks on operation order are filled in.

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 360. **SoW:** Notify operational personnel that the operation is complete.

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 370. **SoW:** Notify Fuels Director that the operation is complete.

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

Authored By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH (b)(6) Unpacking to (b)(3) with</b>	Doc #: U001 Rev No. 1
Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

## **OPERATIONS ORDER CLOSEOUT**

Select the appropriate statement below

Statement or Order	CRO Initial
This order was executed as written without any changes.	
This order was executed with changes as marked and approved on the order.	

**NOTE:** If the order required approved modification, the CRO to sign, date and forward for final approval and archiving.

**NOTE:** The Supervisory Distributive Facilities Specialist (SDFS) will pick all Operations Orders up at the end of the day at the Control Room.

\_\_\_\_\_ CRO \_\_\_\_\_ Date

- The CRO to forward this procedure to the Supervisory Distributive Facilities Specialist.

\_\_\_\_\_ Supervisory Distributive Facilities Specialist (SDFS) \_\_\_\_\_ Date

- The SDFS to forward this order to the Deputy Director of Fuels.

\_\_\_\_\_ Deputy Director of Fuels \_\_\_\_\_ Date


ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

Authored By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH (b)(6) Unpacking to (b)(3) with</b>	Doc #: U001 Rev No. 1
Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

**REVISION HISTORY**

Revision Number	Description of Change	Technical Basis	Requested By	Approved By	Revision Date	Effective Date

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

	<b>JBPHH Fleet Logistics Center</b>	<b>Document No:</b> U001A
	<b>Operations Order Pearl Harbor [REDACTED]</b> <b>Pipeline Drain Down Baseline OPORD</b> <b>(Date OCT22)</b>	<b>Revision No:</b> 1.0
		<b>Page No:</b> 1 of 8


Reviewed By: (b)(6) – (b)(4) Engineer

Reviewed By: (b)(6) – Operations Supervisor

Reviewed By: (b)(6) – Fuels Operations Director

Approved By: LCDR (b)(6) – Deputy Fuels Director

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

	<b>JBPHH Fleet Logistics Center</b>	Document No:	U001A
	<b>Operations Order Pearl Harbor [REDACTED]</b> <b>Pipeline Drain Down Baseline OPORD</b> <b>(Date OCT22)</b>	Revision No:	1.0
		Page No:	2 of 8

EVOLUTION START DATE: \_\_\_\_\_

CONTROL ROOM INITIALS (MASTER COPY): \_\_\_\_\_

FIELD COPY INITIALS: \_\_\_\_\_

**EVOLUTION ORDER**

1. DFSP JBPHH conducts [REDACTED] unpacking operations from Red Hill to Pearl Harbor to provide drain down of the [REDACTED] Pipeline from Lower Tank Gallery Area to (b)(3) with a fuel estimation of (b)(3) gallons

**NOTE:** This Operations Order will provide the information to safely perform the following Operations Order

**BASELINE – VALVE ALIGNMENT VERIFICATION**

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 10. A terminal valve verification must be conducted prior to execution of any operation by following the procedures

- CRO** validates motor operated valves (MOVs)
  - Comparison by AFHE in the baseline position to current position, by writing in the “current position” of the valve with the time of validation
- Rover** validates manual valves
  - Comparison by in the field verification of the baseline position to current position, by writing in the “current position” of the valve with the time of validation

**NOTE:** Validation of valves will be verified by comparing baseline position to current position, while conducting valve validation inspection, if a valve is **NOT** in the **BASELINE** position, inform **CRO** immediately and bring to attention of **SoW** in morning briefing

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.





**JBPHH Fleet Logistics Center**  
**Operations Order Pearl Harbor**  
**Pipeline Drain Down Baseline OPORD**  
**(Date OCT22)**

Document No:	U001A
Revision No:	1.0
Page No:	3 of 8

Valve Baseline from RH to (b)(3)					
Sequential Number	Valves Verified	Location	Baseline Position	Current Position	Time
1	(b)(3)		NORMALLY CLOSED		
2			NORMALLY CLOSED		
3			NORMALLY CLOSED		
4			NORMALLY CLOSED		
5			NORMALLY CLOSED		
6			NORMALLY CLOSED		
7			NORMALLY CLOSED		
8			NORMALLY CLOSED		
9			NORMALLY CLOSED		
10			NORMALLY CLOSED		
11			NORMALLY CLOSED		
12			NORMALLY CLOSED		
13			NORMALLY OPEN		
14			NORMALLY OPEN		
15			NORMALLY OPEN		
16			NORMALLY OPEN		
17			NORMALLY CLOSED		
18			NORMALLY CLOSED		
19			NORMALLY CLOSED		
20			NORMALLY CLOSED		
21			NORMALLY CLOSED		

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.



**JBPHH Fleet Logistics Center**  
**Operations Order Pearl Harbor**  
**Pipeline Drain Down Baseline OPORD**  
**(Date OCT22)**

Document No:	U001A
Revision No:	1.0
Page No:	4 of 8

22	<b>(b)(3)</b>	NORMALLY CLOSED		
23		NORMALLY CLOSED		
24		NORMALLY CLOSED		
25		NORMALLY CLOSED		
26		NORMALLY CLOSED		
27		NORMALLY CLOSED		
28		NORMALLY OPEN		
29		NORMALLY CLOSED		
30		NORMALLY CLOSED		
31		NORMALLY CLOSED		
32		NORMALLY CLOSED		
33		NORMALLY CLOSED		
34		NORMALLY CLOSED		
35		NORMALLY CLOSED		
36		NORMALLY CLOSED		
37		NORMALLY CLOSED		
38		NORMALLY CLOSED		
39		NORMALLY CLOSED		
40		NORMALLY OPEN		
41		NORMALLY CLOSED		
42		NORMALLY CLOSED		
43		NORMALLY CLOSED		
44		NORMALLY CLOSED		
45		NORMALLY CLOSED		
46		NORMALLY CLOSED		

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.




**JBPHH Fleet Logistics Center**  
  
**Operations Order Pearl Harbor [REDACTED]**  
**Pipeline Drain Down Baseline OPORD**  
**(Date OCT22)**

Document No:	U001A
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Page No:	5 of 8

47	(b)(3)	NORMALLY <b>CLOSED</b>		
48		NORMALLY <b>CLOSED</b>		
49		NORMALLY <b>CLOSED</b>		
50		NORMALLY <b>CLOSED</b>		
51		NORMALLY <b>CLOSED</b>		
52		NORMALLY <b>CLOSED</b>		
53		NORMALLY <b>OPEN</b>		
54		NORMALLY <b>OPEN</b>		
55		NORMALLY <b>OPEN</b>		
56		NORMALLY <b>OPEN</b>		
57		NORMALLY <b>OPEN</b>		
58		NORMALLY <b>OPEN</b>		
59		NORMALLY <b>OPEN</b>		
60	NORMALLY <b>CLOSED</b>			
<p>(*) – Denotes Manual Valve</p> <p>All [REDACTED] Valves are <b>OPEN</b> for thermal expansion</p>				

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

	<b>JBPHH Fleet Logistics Center</b>	Document No:	U001A
	<b>Operations Order Pearl Harbor</b> <b>Pipeline Drain Down Baseline OPORD</b> <b>(Date OCT22)</b>	Revision No:	1.0
		Page No:	6 of 8

\_\_\_\_/\_\_\_\_/\_\_\_\_ 20. After completion of the Baseline Operations Order (OPORD):

- CRO and Rover:** Print, sign and date at the bottom of the OPORD validates motor operated valves (MOVs)
- CRO:** Ensure Baseline OPORD is provide to SoW for validation at the Watch Team Brief

**Validation Baseline Inspection Completed by:**

\_\_\_\_\_  
**Rover #1** (Print, Sign, Date)

\_\_\_\_\_  
**CRO** (Print, Sign, Date)


\_\_\_\_/\_\_\_\_/\_\_\_\_ 30. **SoW:** Validate Baseline configuration OPORD and verify terminal is ready to conduct fueling operation

\_\_\_\_\_  
**SoW** (Print, Sign, Date)

**NOTE:** If the Operations Order was completed with NO issues and NO changes, file should be placed in the completed Operations Order box.

**NOTE:** If the Operations Order was completed WITH issues or WITH changes, ensure the appropriate process was followed and signed off on for the change or issue. File this modified copy in the Operations Order modified box

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

	<b>JBPHH Fleet Logistics Center</b>	Document No:	U001A
	<b>Operations Order Pearl Harbor</b> <b>Pipeline Drain Down Baseline OPORD</b> (Date OCT22)	Revision No:	1.0
		Page No:	7 of 8

**Operations Order Closeout:**

Select the appropriate statement below

Statement or Order	CRO Initial
This order was executed as written without any changes.	
This order was executed with changes as marked and approved on the order	

**NOTE:** If the order required approved modification, the CRO to sign, date and forward for final approval and archiving.

**NOTE:** The Supervisory Distribution Facilities Specialist (SDFS) will pick all Operations Orders up at the end of the day at the Control Room.

\_\_\_\_\_ CRO \_\_\_\_\_ Date


- The CRO to forward this procedure to the Supervisory Distributive Facilities Specialist

\_\_\_\_\_ Supervisory Distribution Facilities Specialist (SDFS) \_\_\_\_\_ Date

- The SDFS to forward this order to the Deputy Director of Fuels

\_\_\_\_\_ Deputy Director of Fuels \_\_\_\_\_ Date


ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

	<b>JBPHH Fleet Logistics Center</b>  <b>Operations Order Pearl Harbor [REDACTED]</b> <b>Pipeline Drain Down Baseline OPORD</b> <b>(Date OCT22)</b>	Document No:	U001A
		Revision No:	1.0
		Page No:	8 of 8

**REVISION HISTORY**

Revision Number	Description of Change	Technical Basis	Requested By	Approved By	Revision Date	Effective Date

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

	<b>JBPHH Fleet Logistics Center</b>	Document No:	U001B
	<b>Operations Order Hickam [REDACTED] Pipeline Drain Down Baseline OPOD (Date OCT22)</b>	Revision No:	1.0
		Page No:	1 of 9


Reviewed By: (b)(6) – (b)(4) Engineer

Reviewed By: (b)(6) – Operations Supervisor

Reviewed By: (b)(6) – Fuels Operations Director

Approved By: LCDR (b)(6) – Deputy Fuels Director

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

	<b>JBPHH Fleet Logistics Center</b>	Document No:	U001B
	<b>Operations Order Hickam [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	2 of 9

EVOLUTION START DATE: \_\_\_\_\_

CONTROL ROOM INITIALS (MASTER COPY): \_\_\_\_\_

FIELD COPY INITIALS: \_\_\_\_\_

**EVOLUTION ORDER**

- DFSP JBPHH conducts [REDACTED] unpacking operations from Red Hill to Pearl Harbor to provide drain down of the [REDACTED] Pipeline from Lower Tank Gallery Area to (b)(3) with a fuel estimation of 143,720 gallons

**NOTE:** This Operations Order will provide the information to safely perform the following Operations Order

**BASELINE – VALVE ALIGNMENT VERIFICATION**

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 10. A terminal valve verification must be conducted prior to execution of any operation by following the procedures

- Hickam Pumphouse Operator and Work Supervisor** validates all valves
  - Comparison by in the field verification of the baseline position to current position, by writing in the “current position” of the valve with the time of validation

**NOTE:** Validation of valves will be verified by comparing baseline position to current position, while conducting valve validation inspection, if a valve is **NOT** in the **BASELINE** position, inform **CRO** immediately and bring to attention of **SoW** in morning briefing

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.





**JBPHH Fleet Logistics Center**  
**Operations Order Hickam Pipeline**  
**Drain Down Baseline OPORD**  
**(Date OCT22)**

Document No:	U001B
Revision No:	1.0
Page No:	3 of 9

**Valve Baseline from APAD to HCK TK 11-1**

Sequential Number	Valves Verified	Location	Baseline Position	Current Position	Time
1	(b)(3)		NORMALLY OPEN		
2			NORMALLY CLOSED		
3			NORMALLY CLOSED		
4			NORMALLY CLOSED		
5			NORMALLY CLOSED		
6			NORMALLY CLOSED		
7			NORMALLY OPEN		
8			NORMALLY OPEN		
9			NORMALLY CLOSED		
10			NORMALLY CLOSED		
11			NORMALLY CLOSED		
12			NORMALLY CLOSED		
13			NORMALLY OPEN		
14			NORMALLY OPEN		

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.



**JBPHH Fleet Logistics Center**  
**Operations Order Hickam Pipeline**  
**Drain Down Baseline OPORD**  
**(Date OCT22)**

Document No:	U001B
Revision No:	1.0
Page No:	4 of 9

15	(b)(3)	NORMALLY <b>OPEN</b>		
16		NORMALLY <b>CLOSED</b>		
17		NORMALLY <b>CLOSED</b>		
18		NORMALLY <b>CLOSED (DEFAULT)</b>		
19		NORMALLY <b>OPEN (DEFAULT)</b>		
20		NORMALLY <b>OPEN</b>		
21		NORMALLY <b>OPEN</b>		
22		NORMALLY <b>CLOSED</b>		
23		NORMALLY <b>OPEN</b>		
24		NORMALLY <b>OPEN</b>		
25		NORMALLY <b>OPEN</b>		

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.




JBPHH Fleet Logistics Center  
Operations Order Hickam Pipeline  
Drain Down Baseline OPOD  
(Date OCT22)

Document No:	U001B
Revision No:	1.0
Page No:	5 of 9

26	<b>(b)(3)</b>	NORMALLY OPEN		
27		NORMALLY CLOSED		
28		NORMALLY OPEN		
29		NORMALLY CLOSED		
30		NORMALLY CLOSED		
31		NORMALLY CLOSED		
32		NORMALLY OPEN		
33		NORMALLY CLOSED		
34		NORMALLY OPEN		

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.


	<b>JBPHH Fleet Logistics Center</b>	Document No:	U001B
	<b>Operations Order Hickam Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	6 of 9

35	(b)(3)	NORMALLY OPEN		
36		NORMALLY OPEN		
37		NORMALLY OPEN		
38		NORMALLY OPEN		

(\*) – Denotes Manual Valve

1. For HCK TK (b)(3)(A) (b)(3) inter-dependent and must open or closed jointly.
2. For HCK TK (b)(3)(A) (b)(3) inter-dependent and must open or closed jointly.
3. For (Return Line) (b)(3), the new valve line up must be opened prior to closing the old valve line up

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	<b>JBPHH Fleet Logistics Center</b>	Document No:	U001B
	<b>Operations Order Hickam [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	7 of 9

\_\_\_\_/\_\_\_\_/\_\_\_\_ 20. After completion of the Baseline Operations Order (OPORD):

- Hickam Pumphouse Operator and Work Supervisor:** Print, sign and date at the bottom of the OPORD validates motor operated valves (MOVs)
- CRO:** Ensure Baseline OPORD is provide to SoW for validation at the Watch Team Brief

**Validation Baseline Inspection Completed by:**

\_\_\_\_\_  
**Hickam Pumphouse Operator** (Print, Sign, Date)

\_\_\_\_\_  
**Work Supervisor** (Print, Sign, Date)


\_\_\_\_/\_\_\_\_/\_\_\_\_ 30. **SoW:** Validate Baseline configuration OPORD and verify terminal is ready to conduct fueling operation

\_\_\_\_\_  
**SoW** (Print, Sign, Date)

**NOTE:** If the Operations Order was completed with NO issues and NO changes, file should be placed in the completed Operations Order box.

**NOTE:** If the Operations Order was completed WITH issues or WITH changes, ensure the appropriate process was followed and signed off on for the change or issue. File this modified copy in the Operations Order modified box

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	<b>JBPHH Fleet Logistics Center</b>	Document No:	U001B
	<b>Operations Order Hickam █ Pipeline Drain Down Baseline OPOD (Date OCT22)</b>	Revision No:	1.0
		Page No:	8 of 9

**Operations Order Closeout:**

Select the appropriate statement below

Statement or Order	CRO Initial
This order was executed as written without any changes.	
This order was executed with changes as marked and approved on the order	

**NOTE:** If the order required approved modification, the CRO to sign, date and forward for final approval and archiving.

**NOTE:** The Supervisory Distribution Facilities Specialist (SDFS) will pick all Operations Orders up at the end of the day at the Control Room.

\_\_\_\_\_ CRO \_\_\_\_\_ Date


- The CRO to forward this procedure to the Supervisory Distribution Facilities Specialist

\_\_\_\_\_ Supervisory Distribution Facilities Specialist (SDFS) \_\_\_\_\_ Date

- The SDFS to forward this order to the Deputy Director of Fuels

\_\_\_\_\_ Deputy Director of Fuels \_\_\_\_\_ Date

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

	<b>JBPHH Fleet Logistics Center</b>	Document No:	U001B
	<b>Operations Order Hickam Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	9 of 9

**REVISION HISTORY**

Revision Number	Description of Change	Technical Basis	Requested By	Approved By	Revision Date	Effective Date

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

(b)(3)





(b)(3)



(b)(3)

Authored By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b>  <b><u>Operations Order</u></b>  <b>RH (b)(6) Unpacking to (b)(6) via (b)(6)</b>	Doc #: U002 Rev No. 1
Doc Custodian: Fuels Department		<b>(b)(3)(A) Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

Reviewed By: (b)(6) – (b)(4) Engineer

Reviewed By: (b)(6) – Operations Supervisor

Reviewed By: (b)(6) – Fuels Operations Director

Approved By: LCDR (b)(6) – Deputy Fuels Director

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

Authorized By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> RH [redacted] Unpacking to [redacted] via [redacted]	Doc #: U002 Rev No. 1
Doc Custodian: Fuels Department		(b) (3) (A) <b>Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

EVOLUTION START DATE: \_\_\_\_\_

CONTROL ROOM INITIALS (MASTER COPY): \_\_\_\_\_

FIELD COPY INITIALS: \_\_\_\_\_

**EVOLUTION ORDER**

1. This Operations Order ONLY details procedures for Phase 4, (b) (3) (A) [redacted], of the [redacted] Unpacking Process.’
2. DFSP JBPHH conducts batch vacuuming operations from the Red Hill [redacted] Pipeline to Tank [redacted] to vacate [redacted] pipeline of (b) (3) (A) [redacted] remaining to empty pipeline to (b)(3) [redacted].

Issue Source	Receipt Tank	Volume/Quantity (Gals)	Deputy Director of Fuels Initial
RH [redacted] Pipeline	[redacted]		

**WARNING: In the case of an emergency, take the following steps:**

1. Take immediate action to shut the nearest valve to prevent the movement of fuel;
2. Notify the CRO;
3. Reference the ICP plan for further instruction.

**REFERENCES**

1. Operations, Maintenance, Environmental, and Safety Plan (OMES), Dated August 2018
2. MIL – STD 3004-1: Department of Defense Standard Practice Quality Assurance for Bulk Fuels, Lubricants and Related Products
3. Integrated Contingency Plan (ICP), Date August 2018

**ENCLOSURES**

Enclosure (1): Flow Diagram

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

Authored By: (b)(6) Doc Custodian: Fuels Department Approved By: LCDR (b)(6) Date Approved: 08/30/2022	<b><u>DFSP Pearl Harbor Recurring</u></b>  <b><u>Operations Order</u></b>  <b>RH [redacted] Unpacking to [redacted] via [redacted]</b>	Doc #: U002 Rev No. 1  <b>(b)(3)(A) [redacted] Operations Order</b>  Effective Date: 08/30/2022
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## OPERATIONS ORDER START

**CAUTION: If a deviation or modification is needed in this order, the CRO must obtain proper approval for the change following the Change Request Form at the rear of this document.**

**NOTE: A valve baseline must be conducted prior to the execution of this Operations Order.**

### SECTION 1 – MUSTER

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 10.      **SoW:** Conduct a Muster to ensure all assigned personnel are in attendance for the upcoming brief.

Zone Assignment	Personnel Assignments	Name(s)	Call Sign
Control Room	SoW		
Control Room	CRO		
Control Room	Assistant CRO		
(b)(3) and (b)(3)	Work Supervisor [redacted] [redacted] WS)		
RH TK [redacted] HPV	Work Lead RH (RH WL)		
(b)(3) and (b)(3)	Work Lead PH (PH WL)		
(b)(3) and (b)(3)	[redacted] Operator (VTO)		
(b)(3) and (b)(3)	Assistant [redacted] Operator		
Zone 1	Rover #1 Lower Tank Gallery		
Zone 2	Rover #2 RH TK [redacted] HPV		
Zone 3	Rover #3 (b)(3) [redacted] (b)(3) [redacted]		
Zone 4	Rover #4 (b)(3) [redacted] (b)(3) [redacted] (b)(3) [redacted] (b)(3) [redacted]		
Zone 5	Rover #5 (b)(3) [redacted] (b)(3) [redacted]		
Zone 6	Rover #6 (b)(3) [redacted]		
Zone 7	Rover #7 (b)(3) [redacted]		
Zone 8	Rover #8 (b)(3) [redacted]		
Zone 9	Rover #9 TK [redacted]		
RH TK [redacted] HPV	Independent Validator RH		
(b)(3)	Independent Validator PH		
(b)(3)	Independent Validator PH		

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

Authored By: (b)(6) Doc Custodian: Fuels Department Approved By: LCDR (b)(6) Date Approved: 08/30/2022	<b>DFSP Pearl Harbor Recurring</b> <b>Operations Order</b> RH [redacted] Unpacking to [redacted] via [redacted]	Doc #: U002 Rev No. 1  (b) (3) (A) Operations Order  Effective Date: 08/30/2022
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**SECTION 2 – PRE-BRIEF**

**DATE TIME INITIALS**

- \_\_\_/\_\_\_/\_\_\_ 20. **SoW:** Confirm Phase 3, Drain Down Operations Order has been completed and operating conditions are acceptable to proceed.
- \_\_\_/\_\_\_/\_\_\_ 30. **WS/WL:** Confirm and assign required personnel needed for this Operations Order.
- \_\_\_/\_\_\_/\_\_\_ 40. **CRO:** Verify following AFHE readings:
- Valve baseline matches current AFHE configuration
  - SDS and ICP all on-hand and updated
  - Ullage in receiving tank [redacted] is greater than (b) (3) (A) [redacted] for transfer.

Asset Location	Start Level (Ft/In)	Start Ullage (Gal)	CRO Initials	Assistant CRO Initials	Time
[redacted]					

HCK Tank	High Op Limit Level (Ft/In)	High Op Limit Level (Gal)
TK [redacted]	[redacted]	[redacted]

**NOTE:** If there is a discrepancy from the AFHE to the last manual gauge that is +/- 3/16", inform Fuel Operations Supervisor before proceeding.

- \_\_\_/\_\_\_/\_\_\_ 50. [redacted] **WS:** Have the following required paperwork on hand:
- Operation Order
  - C700 Operations Notification Flow Chart

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

Authored By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH [REDACTED] Unpacking to [REDACTED] via [REDACTED]</b>	Doc #: U002 Rev No. 1
Doc Custodian: Fuels Department		(b) (3) (A) [REDACTED] <b>Operations Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

### SECTION 3 – WATCH TEAM BRIEF

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 60.      **SoW:** Lead the brief in the [REDACTED] Meeting Room to include:

- Operational Expectations
- Operational Priorities
- Integrated Contingency Plan (ICP), Date August 2018

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 70.      **SoW:** Step through operations order and address any questions.

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

Authorized By: (b)(6)	<b>DFSP Pearl Harbor Recurring Operations Order</b>	Doc #: U002 Rev No. 1
Doc Custodian: Fuels Department		(b)(3)(A) <b>Operations Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

## SECTION 4 - VALVE ALIGNMENT

### DATE TIME INITIALS

\_\_\_ / \_\_\_ / \_\_\_ 90.

**All Assigned Personnel:** Report to their designated zones and conduct radio communications check with CRO.

Zone Assignment	Personnel Assignments	Report Time
Control Room	SoW	
Control Room	CRO	
Control Room	Assistant CRO	
(b)(3) and (b)(3)	Work Supervisor	
RH TK HPV	Work Lead RH	
(b)(3) and (b)(3)	Work Lead PH	
(b)(3) and (b)(3)	Operator	
(b)(3) and (b)(3)	Assistant Operator	
Zone 1	Rover #1 Lower Tank Gallery	
Zone 2	Rover #2 RH TK HPV	
Zone 3	Rover #3 (b)(3) (b)(3)	
Zone 4	Rover #4 (b)(3) (b)(3) (b)(3)	
Zone 5	Rover #5 (b)(3) (b)(3)	
Zone 6	Rover #6 (b)(3)	
Zone 7	Rover #7 (b)(3)	
Zone 8	Rover #8 (b)(3)	
Zone 9	Rover #9 TK	
RH TK HPV	Independent Validator RH	
(b)(3)	Independent Validator PH	
(b)(3)	Independent Validator PH	

\_\_\_ / \_\_\_ / \_\_\_ 90.

**WS:** Complete the following procedures and report to the **CRO:**

- Inspect the IAW FLC Fuel Form 703-15 and report any damage or discrepancies to the Work Supervisor/Work Leader.
- Verify the amount of product in the (b)(3)(A)
  - If any product is in Empty into FORFAC Pit.
- Departure Time of the TLR to (b)(3)
- Arrival Time of the (b)(3)
- Chock Wheels

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.



Authorized By: (b)(6)	<b>DFSP Pearl Harbor Recurring</b> <b>Operations Order</b> <b>RH [redacted] Unpacking to [redacted] via [redacted]</b>	Doc #: U002 Rev No. 1
Doc Custodian: Fuels Department		<b>[redacted] Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

- \_\_\_ / \_\_\_ / \_\_\_ 100. **RH WL:** Ensure pressure at the HPV is maintained between [redacted] and [redacted] psi on the compound gauge throughout the operation.
- \_\_\_ / \_\_\_ / \_\_\_ 110. **RH WL:** Request authorization to **OPEN** (b)(3)
- \_\_\_ / \_\_\_ / \_\_\_ 120. **RH WL:** **OPEN** TK [redacted] Flange to vent.
- \_\_\_ / \_\_\_ / \_\_\_ 130. **CRO:** Use the table below to sequentially **OPEN** and validate the valves using the “point and call” system.
- \_\_\_ / \_\_\_ / \_\_\_ 140. **Rov/IV:** Validate valve alignment in the field and report valve position per **CRO** point and call request.

Sequential Number	Valves Verified <b>OPEN</b>	Location	CRO Initials	Assistant CRO Initials	Time
1	(b)(3)				/
2					/
3					/
4					/
5					/
6					/
7					/
8					/
9					/
10					/
(*) Denotes manual valves.					

- \_\_\_ / \_\_\_ / \_\_\_ 150. **CRO:** Use the table below to sequentially **OPEN** and validate the valves using the “point and call” system.
- \_\_\_ / \_\_\_ / \_\_\_ 160. **Rov/IV:** shall sequentially **OPEN** and validate valve alignment in the field and report valve position to **CRO**.

Sequential Number	Valves Verified <b>OPEN</b>	Location	CRO Initials	Assistant CRO Initials	Time
1	(b)(3)				/
2					/
3					/
4					/
5					/
6					/
7					/
(*) Denotes manual valves.					

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

Authorized By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b>  <b><u>Operations Order</u></b>  <b>RH (b)(6) Unpacking to (b)(6) via (b)(6)</b>	Doc #: U002 Rev No. 1
Doc Custodian: Fuels Department		(b)(6) <b>Operations Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

**SECTION 5 – (b)(6) CYCLE**

\_\_\_\_/\_\_\_\_/\_\_\_\_ 170. (b)(6) **WS: (If utilizing internal (b)(6) (b)(6))** Complete the following procedures and report to the **CRO:**

- Connect grounding cable to grounding connection at (b)(3) (b)(3)
- Connect suction hose to (b)(3) (b)(3) and verify is properly secured
- Connect drain hose to (b)(3) (b)(3) and verify is properly secured

\_\_\_\_/\_\_\_\_/\_\_\_\_ 180. **CRO:** Request permission to start the (b)(6) (b)(6) Drain Down operation:

- CRO to SoW**
- SoW to Fuels Director**
- Fuels Director to Commanding Officer**

\_\_\_\_/\_\_\_\_/\_\_\_\_ 190. (b)(6) **WS:** Ensure that the (b)(6) Breaker located at the TLR, the (b)(3) pump switch is **“TURNED ON”**.

\_\_\_\_/\_\_\_\_/\_\_\_\_ 200. **CRO:** Begin the **“Receiving”** Evolution on AFHE System to TK (b)(6)

\_\_\_\_/\_\_\_\_/\_\_\_\_ 210. (b)(6) **WS:** (b)(6) Fill Cycle – Complete and report to CRO:

- Align truck for suction
- OPEN** (b)(3) (b)(3)
- Start suction - Monitor Pressures and truck level – stop when full
- CLOSE** (b)(3) (b)(3)

\_\_\_\_/\_\_\_\_/\_\_\_\_ 220. (b)(6) **WS:** (b)(6) Empty Cycle - Complete and report to CRO:

- Align (b)(6) to Discharge
- For the first cycle, take a sample of the (b)(6) contents
- OPEN** (b)(3) (b)(3)
- START** (b)(3) – local switch - Monitor Pressures and truck level – stop pump when truck is empty
- CLOSE** (b)(3) (b)(3)

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

Authorized By: (b)(6)	<b>DFSP Pearl Harbor Recurring</b> <b>Operations Order</b> <b>RH (b)(6) Unpacking to (b)(6) via (b)(6)</b>	Doc #: U002 Rev No. 1
Doc Custodian: Fuels Department		<b>(b)(6) Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

\_\_\_ / \_\_\_ / \_\_\_ 230. CRO: Record tank (b)(6) level  
 \_\_\_ / \_\_\_ / \_\_\_ 240. Restart (b)(3)(A) at step 210

**NOTE:** This process will continue until required amount has been removed from (b)(6) pipeline.

Continue (b)(6) cycling until (b)(3)(A) gal has been removed.

(b)(3)(A)	Tank Level	Amount(gal)	Running Total	Time
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
12				
13				
14				
15				

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

Authorized By: (b)(6)	<b>DFSP Pearl Harbor Recurring</b> <b>Operations Order</b> <b>RH [REDACTED] Unpacking to [REDACTED] via [REDACTED]</b>	Doc #: U002 Rev No. 1
Doc Custodian: Fuels Department		<b>[REDACTED] Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

**SECTION 6 – RETURN TO BASELINE**

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 250. **CRO:** Use the table below to sequentially **CLOSE** and validate the valves using the “point and call” system.

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 260. **Rov/IV:** Sequentially **CLOSE** and validate valve alignment in the field and report valve position to CRO.

Sequential Number	Valves Verified <b>CLOSE</b>	Location	CRO Initials	Assistant CRO Initials	Time
1	<b>(b)(3)</b>				/
2					/
3					/
4					/
5					/
6					/
7					/
8					/
9					/
10					/
11					/
12					/
13					/
14					/
(*) Denotes manual valves					

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

Authorized By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH [redacted] Unpacking to [redacted] via [redacted]</b>	Doc #: U002 Rev No. 1
Doc Custodian: Fuels Department		<b>[redacted] Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 270. **All assigned personnel:** Report condition of zone to **CRO**

Zone Assignment	Personnel Assignments	Report Time	Status (Notes)
Control Room	SoW		
Control Room	CRO		
Control Room	Assistant CRO		
(b)(3) and (b)(3)	Work Supervisor [redacted]		
RH TK [redacted] HPV	Work Lead RH		
(b)(3) and (b)(3)	Work Lead PH		
(b)(3) and (b)(3)	[redacted] Operator		
(b)(3) and (b)(3)	Assistant [redacted] Operator		
Zone 1	Rover #1 Lower Tank Gallery		
Zone 2	Rover #2 RH TK [redacted] HPV		
Zone 3	Rover #3 (b)(3) [redacted] (b)(3)		
Zone 4	Rover #4 (b)(3) [redacted] (b)(3) [redacted] (b)(3)		
Zone 5	Rover #5 (b)(3) (b)(3) [redacted]		
Zone 6	Rover #6 (b)(3)		
Zone 7	Rover #7 (b)(3)		
Zone 8	Rover #8 (b)(3)		
Zone 9	Rover #9 TK [redacted]		
RH TK [redacted] HPV	Independent Validator RH		
(b)(3)	Independent Validator PH		
(b)(3)	Independent Validator PH		

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 280. **CRO:** Ensure the following procedures are completed and announce when complete:

- [redacted] path utilized is back to baseline configuration
- “Receiving”** Evolution has ended on AFHE System

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

Authorized By: (b)(6)	<b>DFSP Pearl Harbor Recurring</b> <b>Operations Order</b> <b>RH [redacted] Unpacking to [redacted] via [redacted]</b>	Doc #: U002 Rev No. 1
Doc Custodian: Fuels Department		<b>[redacted] Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

**SECTION 7 – CLOSEOUT**

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 300. **RH WL:** Report the following procedures have been completed and report to CRO:

- (b)(3) **CLOSE**
- TK [redacted] Blank Flange **RE-INSTALLED**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 310. (b)(3)(A) **WS:** Complete the following procedures and report to the CRO:

- All equipment is stowed away
- [redacted] has returned and secured at [redacted]

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 320. **RoV:** Manually gauge receiving tank ~ one (1) hour after the final secure time of the [redacted] operation and record final tank level.

Receiving Tank	Finish Level (Ft/In)	Finish Level (Gal)	CRO Initials	Assistant CRO Initials	Time
TK [redacted]					

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 330. **CRO:** Finalize the following documents are completed and turned in at the main building [redacted] at the end of the day:

- FLC Fuel Form 703-18, Transfer Record
- FLC Fuel Form 703-22, Tank Inventory Control Daily Levels

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 340. **SoW:** verify the following the follow procedures have been completed:

- All procedures completed IAW OPORD
- Documentation is completed
- All information/signature blocks on operation order are filled in

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 350. **SoW:** Notify operational personnel the operation is complete.

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 360. **SoW:** Notify the Fuels Director the operation is complete.

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

Authored By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH (b)(6) Unpacking to (b)(6) via (b)(6)</b>	Doc #: U002 Rev No. 1
Doc Custodian: Fuels Department		(b)(6) <b>Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

**OPERATIONS ORDER CLOSEOUT**

Select the appropriate statement below:

Statement or Order	CRO Initial
This order was executed as written without any changes.	
This order was executed with changes as marked and approved on the order.	

**NOTE:** If the order required approved modification, the CRO to sign, date and forward for final approval and archiving.

**NOTE:** The Supervisory Distributive Facilities Specialist (SDFS) will pick all Operations Orders up at the end of the day at the Control Room.

\_\_\_\_\_ CRO \_\_\_\_\_ Date

- The CRO to forward this procedure to the Supervisory Distributive Facilities Specialist.

\_\_\_\_\_ Supervisory Distributive Facilities Specialist (SDFS) \_\_\_\_\_ Date

- The SDFS to forward this order to the Deputy Director of Fuels.

\_\_\_\_\_ Deputy Director of Fuels \_\_\_\_\_ Date

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.


Authored By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH (b)(6) Unpacking to (b)(6) via (b)(6)</b>	Doc #: U002 Rev No. 1
Doc Custodian: Fuels Department		(b)(6) <b>Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

**REVISION HISTORY**

Revision Number	Description of Change	Technical Basis	Requested By	Approved By	Revision Date	Effective Date

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.



	<b>JBPHH Fleet Logistics Center</b>	Document No:	U002A
	<b>Operations Order [REDACTED] Pipeline [REDACTED]</b> <b>[REDACTED] Drain Down Baseline OPORD</b> <b>(Date OCT22)</b>	Revision No:	0.0
		Page No:	1 of 8


Reviewed By: (b)(6) – (b)(4) Engineer

Reviewed By: (b)(6) – Operations Supervisor

Reviewed By: (b)(6) – Fuels Operations Director

Approved By: LCDR (b)(6) – Deputy Fuels Director

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

	<b>JBPHH Fleet Logistics Center</b>	Document No:	U002A
	Operations Order [REDACTED] Pipeline [REDACTED] [REDACTED] Drain Down Baseline OPORD (Date OCT22)	Revision No:	0.0
		Page No:	2 of 8

EVOLUTION START DATE: \_\_\_\_\_

CONTROL ROOM INITIALS (MASTER COPY): \_\_\_\_\_

FIELD COPY INITIALS: \_\_\_\_\_

**EVOLUTION ORDER**

- DFSP JBPHH conducts [REDACTED] unpacking operations from Red Hill to Pearl Harbor to provide drain down of the [REDACTED] Pipeline from [REDACTED] (b)(3) Area to [REDACTED] (b)(3) with a fuel estimation of [REDACTED] (b) (3) (A) gallons

**NOTE:** This Operations Order will provide the information to safely perform the following Operations Order

**BASELINE – VALVE ALIGNMENT VERIFICATION**

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 10. A terminal valve verification must be conducted prior to execution of any operation by following the procedures

- CRO validates motor operated valves (MOVs)
  - Comparison by AFHE in the baseline position to current position, by writing in the “current position” of the valve with the time of validation
- Rover validates manual valves
  - Comparison by in the field verification of the baseline position to current position, by writing in the “current position” of the valve with the time of validation

**NOTE:** Validation of valves will be verified by comparing baseline position to current position, while conducting valve validation inspection, if a valve is **NOT** in the **BASELINE** position, inform **CRO** immediately and bring to attention of **SoW** in morning briefing

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.



**JBPHH Fleet Logistics Center**

Operations Order [REDACTED] Pipeline [REDACTED]  
 [REDACTED] Drain Down Baseline OPORD  
 (Date OCT22)

Document No: U002A

Revision No: 0.0

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[REDACTED] Valve Baseline via [REDACTED] RH to TK [REDACTED]					
Sequential Number	Valves Verified	Location	Baseline Position	Current Position	Time
1	(b)(3)		NORMALLY CLOSED		
2			NORMALLY CLOSED		
3			NORMALLY CLOSED		
4			NORMALLY CLOSED		
5			NORMALLY CLOSED		
6			NORMALLY CLOSED		
7			NORMALLY CLOSED		
8			NORMALLY CLOSED		
9			NORMALLY CLOSED		
10			NORMALLY CLOSED		
11			NORMALLY CLOSED		
12			NORMALLY CLOSED		
13			NORMALLY OPEN		
14			NORMALLY OPEN		
15			NORMALLY OPEN		
16			NORMALLY OPEN		
17			NORMALLY CLOSED		
18			NORMALLY CLOSED		
19			NORMALLY CLOSED		
20			NORMALLY CLOSED		
21			NORMALLY CLOSED		

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.



JBP HH Fleet Logistics Center

Operations Order [redacted] Pipeline [redacted]  
[redacted] Drain Down Baseline OPORD  
(Date OCT22)

Document No:	U002A
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22	<b>(b)(3)</b>	NORMALLY CLOSED		
23		NORMALLY CLOSED		
24		NORMALLY CLOSED		
25		NORMALLY CLOSED		
26		NORMALLY CLOSED		
27		NORMALLY CLOSED		
28		NORMALLY OPEN		
29		NORMALLY CLOSED		
30		NORMALLY CLOSED		
31		NORMALLY CLOSED		
32		NORMALLY CLOSED		
33		NORMALLY CLOSED		
34		NORMALLY CLOSED		
35		NORMALLY CLOSED		
36		NORMALLY CLOSED		
37		NORMALLY CLOSED		
38		NORMALLY CLOSED		
39		NORMALLY CLOSED		
40		NORMALLY CLOSED		
41		NORMALLY CLOSED		
42		NORMALLY OPEN		
43		NORMALLY CLOSED		
44		NORMALLY CLOSED		
45		NORMALLY CLOSED		
46		NORMALLY CLOSED		

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.




**JBPHH Fleet Logistics Center**

**Operations Order [redacted] Pipeline [redacted]  
 [redacted] Drain Down Baseline OPORD  
 (Date OCT22)**

Document No:	U002A
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47	(b)(3)	NORMALLY OPEN		
48		NORMALLY CLOSED		
49		NORMALLY CLOSED		
50		NORMALLY CLOSED		
51		NORMALLY CLOSED		
52		NORMALLY CLOSED		
53		NORMALLY CLOSED		
54		NORMALLY OPEN		
55		NORMALLY CLOSED		
(*) – Denotes Manual Valve				

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

	<b>JBPHH Fleet Logistics Center</b>	Document No:	U002A
	Operations Order [REDACTED] Pipeline [REDACTED] [REDACTED] Drain Down Baseline OPORD (Date OCT22)	Revision No:	0.0
		Page No:	6 of 8

\_\_\_\_/\_\_\_\_/\_\_\_\_ 20. After completion of the Baseline Operations Order (OPORD):

- CRO and Rover:** Print, sign and date at the bottom of the OPORD validates motor operated valves (MOVs)
- CRO:** Ensure Baseline OPORD is provide to SoW for validation at the Watch Team Brief

**Validation Baseline Inspection Completed by:**

\_\_\_\_\_  
**Rover #1** (Print, Sign, Date)

\_\_\_\_\_  
**CRO** (Print, Sign, Date)


\_\_\_\_/\_\_\_\_/\_\_\_\_ 30. **SoW:** Validate Baseline configuration OPORD and verify terminal is ready to conduct fueling operation

\_\_\_\_\_  
**SoW** (Print, Sign, Date)

**NOTE:** If the Operations Order was completed with NO issues and NO changes, file should be placed in the completed Operations Order box.

**NOTE:** If the Operations Order was completed WITH issues or WITH changes, ensure the appropriate process was followed and signed off on for the change or issue. File this modified copy in the Operations Order modified box

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

	<b>JBPHH Fleet Logistics Center</b>	Document No:	U002A
	Operations Order [REDACTED] Pipeline [REDACTED] [REDACTED] Drain Down Baseline OPORD (Date OCT22)	Revision No:	0.0
		Page No:	7 of 8

**Operations Order Closeout:**

Select the appropriate statement below

Statement or Order	CRO Initial
This order was executed as written without any changes.	
This order was executed with changes as marked and approved on the order	

**NOTE:** If the order required approved modification, the CRO to sign, date and forward for final approval and archiving.

**NOTE:** The Supervisory Distribution Facilities Specialist (SDFS) will pick all Operations Orders up at the end of the day at the Control Room.

\_\_\_\_\_ CRO \_\_\_\_\_ Date


- The CRO to forward this procedure to the Supervisory Distribution Facilities Specialist

\_\_\_\_\_ Supervisory Distribution Facilities Specialist (SDFS) \_\_\_\_\_ Date

- The SDFS to forward this order to the Deputy Director of Fuels

\_\_\_\_\_ Deputy Director of Fuels \_\_\_\_\_ Date

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	<b>JBPHH Fleet Logistics Center</b>	Document No:	U002A
	Operations Order [REDACTED] Pipeline [REDACTED] [REDACTED] Drain Down Baseline OPORD (Date OCT22)	Revision No:	0.0
		Page No:	8 of 8

**REVISION HISTORY**

Revision Number	Description of Change	Technical Basis	Requested By	Approved By	Revision Date	Effective Date

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(b)(3)



(b)(3)





(b)(3)



Authored By: (b)(6)	<b><u>DFSP Pearl Harbor</u></b> <b><u>Maintenance Order</u></b> <b>Red Hill (b)(6) Line Equalization and</b> <b>Maintenance Order</b>	Doc #: UM02 Rev No. 1
Doc Custodian: Fuels Department		<b>Maintenance Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

Reviewed By: (b)(6) – (b)(4) Engineer

Reviewed By: (b)(6) – Operations Supervisor

Reviewed By: (b)(6) – Fuels Operations Director

Approved By: LCDR (b)(6) – Deputy Fuels Director

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Authorized By: (b)(6)	<b><u>DFSP Pearl Harbor</u></b> <b><u>Maintenance Order</u></b> <b>Red Hill (b)(3)(A) Line Equalization and Maintenance Order</b>	Doc #: UM02 Rev No. 1
Doc Custodian: Fuels Department		<b>Maintenance Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

**Requested Start Date:** 10/3/2022 **Estimated Work Time:** 4 hrs **Severity:** Routine  
**Operations Support Needed:** No / **Yes:** Equalize [redacted] Line / Return Sectional Valves to Baseline  
**Operations Scheduling Needed:** None / **Impact** / Blackout: Red Hill to (b)(3) [redacted] LOTO

**MAINTENANCE ORDER**

1. This Maintenance Order ONLY details **Phase 2, Equalization and Valve Maintenance** of the [redacted] Unpacking Process’.
2. DFSP JBPHH conducts equalization on the Red Hill [redacted] pipeline to support the maintenance greasing, cycling, and PM work on the sectional valves.

**WARNING: In the case of an emergency, take the following steps:**

1. Take immediate action to shut the nearest valve to prevent the movement of fuel;
2. Notify the CRO;
3. Reference the ICP plan for further instruction.

**REFERENCES**

1. Operations, Maintenance, Environmental, and Safety Plan (OMES), Dated August 2018
2. UFC 3-460-03, United Facilities Criteria, Operations and Maintenance: Maintenance Petroleum Fuel Facilities
3. NAVSUPINST 5100.12B Control of Hazardous Energy
4. Mechanical Integrity Procedure

**ENCLOSURES**

- Enclosure (1): ECP  
Enclosure (2): WAF: To be completed  
Enclosure (3): PM Job Orders: To be completed

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Authorized By: (b)(6)	<b><u>DFSP Pearl Harbor</u></b> <b><u>Maintenance Order</u></b> <b>Red Hill Line Equalization and</b> <b>Maintenance Order</b>	Doc #: UM02 Rev No. 1
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Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

**MAINTENANCE ORDER START**

**SECTION 1 – MUSTER**

**DATE TIME INITIALS**

\_\_\_\_/\_\_\_\_/\_\_\_\_ 10. **LAP:** Conduct a Muster to ensure all assigned personnel are in attendance for the upcoming brief.

Zone Assignment	Personnel Assignments	Name	Call Sign
	Lead Authorized Person(LAP)		
	Maintenance Controller(MC)		
	Maintenance Personnel(MP)		
	Maintenance Supervisor(MS)		
	Operations Supervisor(OS)		
	Operations Personnel(OP)		
	CRO		
	Assistant CRO		

**SECTION 2 – PRE-BRIEF**

**DATE TIME INITIALS**

\_\_\_\_/\_\_\_\_/\_\_\_\_ 20. **MC:** Confirm submitted ECP form and prepare WAF form.

\_\_\_\_/\_\_\_\_/\_\_\_\_ 30. **MC:** Review Maintenance and Operations Schedule for any impact to or from this order on overlapping Operations or Maintenance Orders.

\_\_\_\_/\_\_\_\_/\_\_\_\_ 40. **OS/MS:** Confirm and assign required personnel needed for the Maintenance Order.

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Authored By: (b)(6)	<b><u>DFSP Pearl Harbor</u></b>  <b><u>Maintenance Order</u></b>  <b>Red Hill Line Equalization and Maintenance Order</b>	Doc #: UM02 Rev No. 1
Doc Custodian: Fuels Department		<b>Maintenance Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

### SECTION 3 – WATCH TEAM BRIEF

**DATE TIME INITIALS**

- \_\_\_\_/\_\_\_\_/\_\_\_\_ 50. **LAP:** Lead the brief in the Maintenance Control Room to include:
- ECP review
  - WAF review
  - Maintenance Order
  - Operations Involvement
- \_\_\_\_/\_\_\_\_/\_\_\_\_ 60. **MC:** Administrate Documents, Provide Locks, and Post WAF.
- \_\_\_\_/\_\_\_\_/\_\_\_\_ 70. **MP:** Confirm and Sign ECP and WAF.
- \_\_\_\_/\_\_\_\_/\_\_\_\_ 80. **OS/MS:** Confirm personnel assignments, scheduling, and operations requirements.
- \_\_\_\_/\_\_\_\_/\_\_\_\_ 90. **CRO:** Confirm readings and information accuracy:
- Flow Path – is accurate and no \*oos\* notes in AFHE
  - MOV Isolation – MOVs indicated in ECP not part of separate LOTO, and actuation will not interfere with simultaneous operations
  - AFHE Involvement – Confirm AFHE ability to support order
  - Approximate duration – Confirm scheduling and control of simultaneous operations will not overburden Control Room

### SECTION 4 – PRE-CHECK

**DATE TIME INITIALS**

- \_\_\_\_/\_\_\_\_/\_\_\_\_ 100. **LAP:** Walk and view piping and isolation points, confirming ECP.
- \_\_\_\_/\_\_\_\_/\_\_\_\_ 110. **MC:** Walk and view piping and isolation points, confirming ECP.

**Attach & Review ECP and ECP drawings to this order.**

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Authorized By: (b)(6)	<b><u>DFSP Pearl Harbor</u></b> <b><u>Maintenance Order</u></b> <b>Red Hill (b)(6) Line Equalization and Maintenance Order</b>	Doc #: UM02 Rev No. 1
Doc Custodian: Fuels Department		<b>Maintenance Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

## SECTION 5 – ISOLATING AND LOTO

### DATE TIME INITIALS

- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 120. **LAP:** Verify ECP Valve Configuration and Hang Equipment Locks & Tags.
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 130. **LAP/MP:** Install Locking Devices and Tags per ECP.
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 140. **LAP:** Review Locks, Tags, and Isolation Devices.
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 150. **LAP:** Sign and Post WAF and ECP package at job site.
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 160. **OP:** Vent (b)(6) Line.

- Install Compound Pressure Gauge assembly at (b)(3)
- Open (b)(3), keeping the Pressure Gauge assembly valve closed. Should see pressure decrease here slightly
- Verify Gauge is reading (b)(6) psig
- Very Slowly Open Pressure Gauge assembly valve – NOTE: May hear air suck into pipe
- Wait for pressure to equalize

- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 170. **OP:** Open Sectionals (b)(3)
- Slowly Open (b)(3), keeping communication with OP at (b)(3)  
If the pressure reads (b)(6) psig slow the opening of the valve
  - Open until the valve is fully open – verified by indicator and CRO
  - Wait for pressure to equalize
  - Repeat this step until all stated sectionals have been opened and the pipeline has been equalized

- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 180. **OP:** Close (b)(3)

## SECTION 6 – UNDERGOING MAINTENANCE

### DATE TIME INITIALS

- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 190. **MP:** Complete assigned PM and Job Orders.

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Authored By: (b)(6)	<b><u>DFSP Pearl Harbor</u></b> <b><u>Maintenance Order</u></b> <b>Red Hill (b)(6) Line Equalization and</b> <b>Maintenance Order</b>	Doc #: UM02 Rev No. 1
Doc Custodian: Fuels Department		<b>Maintenance Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

**REVISION HISTORY**

Revision Number	Description of Change	Technical Basis	Requested By	Approved By	Revision Date	Effective Date

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## ENERGY CONTROL PROCEDURE (ECP) FORM

Energy Control Procedure No. _____ Lockbox No. _____		Page ___ of ___						
		Date: _____						
Location and WAF Number		Job Lock Key Custodian (Maintenance Controller)						
Equipment ID/ Description		Change From _____ To _____ Date/Time _____						
Job Description		Change From _____ To _____ Date/Time _____						
Lead Authorized Employee								
Authorized Employee must notify all Affected Personnel of equipment/ vessel isolation. Document isolation steps below and perform LOCK, TAG, and TRY.								
LOTO Isolation Date	Valve Number	Lock and/or tag Number and Blind Number	Isolation Position (Open or Closed)	LOTO Installed By	Lock Tag Try (Y/N)	LOTO Removal Date	LOTO Removed By	Comments
	(b)(3)		Closed					
			Closed					
			Closed					
			Closed					
			Closed					
			Closed					
			Closed					
			Closed					
			Closed					
			Closed					
			Closed					
			Closed					
			Closed					
			Closed					
			Closed					
			Closed					Fire Valve to be locked close post unpacking
By printing my name in the box below, I signify that all stored energy is dissipated. All isolation points are in the proper position and my personal lock has been attached to either an individual lockout tagout device or group lockbox.								
Print Authorized Employee Name and Company					Write on the back if necessary			
1					4			
2					5			
3					6			



Authored By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH (b)(6) Unpacking to YON (b)(6) via (b)(6)</b>	Doc #: U003 Rev No. 1
Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

Reviewed By: (b)(6) – (b)(4) Engineer

Reviewed By: (b)(6) – Operations Supervisor

Reviewed By: (b)(6) – Fuels Operations Director

Approved By: LCDR (b)(6) – Deputy Fuels Director

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Authored By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b>  <b><u>Operations Order</u></b>  <b>RH (b)(6) Unpacking to YON (b)(6) via (b)(6)</b>	Doc #: U003 Rev No. 1
Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

EVOLUTION START DATE: \_\_\_\_\_

CONTROL ROOM INITIALS (MASTER COPY): \_\_\_\_\_

FIELD COPY INITIALS: \_\_\_\_\_

**EVOLUTION ORDER**

1. This Operations Order ONLY details **Phase 3, (b)(6) Drain**, of the '(b)(6) Unpacking Process'
2. DFSP JBPHH conducts unpacking operations from the Red Hill (b)(6) Pipeline to YON (b)(6) to vacate (b)(6) pipeline of ~194,156 gallons.

Issue Source	Receipt Tank	Volume	Deputy Director of Fuels Initial
RH (b)(6) Pipeline	YON (b)(6)		

**WARNING: In the case of an emergency, take the following steps:**

1. Take immediate action to shut the nearest valve to prevent the movement of fuel;
2. Notify the CRO;
3. Reference the ICP plan for further instruction.

**REFERENCES**

1. Operations, Maintenance, Environmental, and Safety Plan (OMES), Dated August 2018
2. MIL – STD 3004-1: Department of Defense Standard Practice Quality Assurance for Bulk Fuels, Lubricants and Related Products
3. Integrated Contingency Plan (ICP), Date August 2018

**ENCLOSURES**

- Enclosure (1): Flow Diagram  
 Enclosure (2): Terminal Pier PIC Checklist

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Authorized By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH [REDACTED] Unpacking to YON [REDACTED] via [REDACTED]</b>	Doc #: U003 Rev No. 1
Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

## OPERATIONAL ORDER START

**CAUTION: If a deviation or modification is needed in this order, the CRO must obtain proper approval for the change following the Change Request Form at the rear of this document.**

**NOTE: A valve baseline must be conducted prior to the execution of this Operations Order.**

## SECTION 1 – MUSTER

### DATE TIME INITIALS

\_\_\_\_/\_\_\_\_/\_\_\_\_ 10. **SoW:** Conduct a Muster to ensure all assigned personnel are in attendance for the brief

Zone Assignment	Personnel Assignments	Name	Call Sign
Control Room	SoW		
Control Room	CRO		
Control Room	Assistant CRO		
Lower Tank Gallery	Work Supervisor RH		
[REDACTED] Pier	Work Supervisor PH		
HPV TK [REDACTED]	Work Lead RH		
Zone 1	Rover #1 Lower Tank Gallery		
Zone 2	Rover #2 TK [REDACTED]		
Zone 3	Rover #3 Lower Tank Gallery		
Zone 4	Rover #4 Lower Tank Gallery		
	(b)(3)		
Zone 5	Rover #5 (b)(3) (b)(3)		
Zone 6	Rover #6 (b)(3) (b)(3)		
Zone 7	Rover #7 (b)(3)		
	(b)(3) (b)(3)		
Zone 8	Rover #8 (b)(3) (b)(3)		
Zone 9	Rover #9 (b)(3)		
Zone 10	Rover #10 (b)(3)		
Zone 11	Rover #11 Pipe Rack		
Zone 12	Rover #12 (b)(3)		
Zone 13	Rover #13 [REDACTED] Pier		
Zone 14	Rover #14 [REDACTED] Pier		
[REDACTED] Pier	Pier PIC		
[REDACTED] Pier	Assistant Pier PIC		
[REDACTED] Pier	[REDACTED] Operator		
YON (b)(3)	YON PIC		
YON (b)(3)	Assistant YON PIC		

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Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
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Zone Assignment	Personnel Assignments	Name	Call Sign
YON (b)(3)	YON Assistant		
RH Skillet TK (b)(6)	Independent Validator		
(b)(3)	Independent Validator		

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Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 50. **YON PIC:** Prepare/provide the following required paperwork:

- Operation Orders
- C700 Operations Notification Flow Chart
- Barge and Ullage Report

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 60. **CRO:** Prepare/provide the following required paperwork:

- Tank Inventory Control Daily Levels
- Transfer Record

### SECTION 3 – WATCH TEAM BRIEF

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 70. **SoW:** Lead the brief in the (b)(3) Control Room to include:

- Operational Procedures/Priorities
- Operational Expectations
- Integrated Contingency Plan

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 80. **SoW:** Step through operations order and address any questions

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Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

## SECTION 4 – PRE-OPERATION CHECK

### DATE TIME INITIALS

\_\_\_\_/\_\_\_\_/\_\_\_\_ 90. **YON PIC:** Ensure all procedures are completed prior to executing (b)(6)  
 Drain Down Operations:

- Report Time of YON Crew \_\_\_\_\_
- Thermal Baseline Verified

\_\_\_\_/\_\_\_\_/\_\_\_\_ 100. **Terminal PIC:** Ensure all procedures are completed prior to executing (b)(6)  
 Drain Down Operations:

- Terminal Pier PIC Checklist
- Verify Fuel Riser Utilized \_\_\_\_\_
- Verify Amount being Transferred \_\_\_\_\_

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Authored By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH (b)(6) Unpacking to YON (b)(6) via (b)(6)</b>	Doc #: U003 Rev No. 1
Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

## SECTION 5 – VALVE ALIGNMENT

### DATE TIME INITIALS

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 110. **CRO:** Prior to **OPEN/CLOSE** any valves ensure the following procedures have been completed

- Inform Control Tower that YON loading will begin
- Ensure AFHE System is set for “**Issue**” Evolution

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 120. **All Assigned Personnel:** Report to designated zones and conduct radio communications check with CRO

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Authorized By: (b)(6)	<b>DFSP Pearl Harbor Recurring</b> <b>Operations Order</b> <b>RH [REDACTED] Unpacking to YON [REDACTED] via [REDACTED]</b>	Doc #: U003 Rev No. 1
Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 130. **YON PIC:** Direct Hose Movement and Connection:
- Transfer Hose from YON to (b)(3)(A) Pier
  - Connect and secure hose to riser \_\_\_\_\_
  - Line-up YON for receiving, keeping header valve **CLOSED**
  - Inform CRO that connection has been completed
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 140. **RH PIC:** Ensure pressure on compound gauge at HPV is maintained between [REDACTED] and [REDACTED] psi throughout the operation.
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 150. **CRO:** Direct RH WL to **OPEN** (b)(3)
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 160. **CRO:** Use the table below to sequentially **OPEN** and validate the valves using the “point and call” system
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 170. **Rov/IV:** Validate valve alignment in the field and report valve position per CRO point and call request

Sequential Number	Valves Verified <b>OPEN</b>	Location	CRO Initials	Secondary CRO Initials	Time Rover	Time Independent Validator
1	<b>(b)(3)</b>					
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
(*) Denotes manual valves						

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Authorized By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH [REDACTED] Unpacking to YON [REDACTED] via [REDACTED]</b>	Doc #: U003 Rev No. 1
Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 180. **YON PIC and IV:** Use the table below, align header, issue and meter valves and report to **CRO**

Seq. #	Valves Verified <b>OPEN</b> (Circle Selected Line-up)	CRO Initials	Assistant CRO Initials	Time YON PIC/Independent Validator (2 <sup>nd</sup> PIC)
1.	<div style="font-size: 48px; font-weight: bold;">(b)(3)</div>			/
2.				/
3.				/
4.				/
5.				/
6.				/
<b>COMMENTS:</b>				
(*) – Annotates Manual Valves				

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 190. **Terminal PIC:** Ensure Pier is ready to “Receive” [REDACTED] for Drain Down Operations:

- [REDACTED] Truck is positioned at [REDACTED] Pier
- Spill Kits and Fire Extinguisher Available

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Authored By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH [REDACTED] Unpacking to YON [REDACTED] via [REDACTED]</b>	Doc #: U003 Rev No. 1
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Date Approved: 08/30/2022		Effective Date: 08/30/2022

## SECTION 5 – DRAINING

### DATE TIME INITIALS

- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 200. **CRO:** Request permission to start the [REDACTED] Drain Down:
- CRO to SoW**
  - SoW to Fuels Director**
  - Fuels Director to Command Officer**
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 210. **CRO:** Complete the following procedures prior to pressurizing the hose:
- Verify valve alignment
  - Verify hose connection
  - Verify YON header valve is **CLOSED**
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 220. **CRO:** Slowly **OPEN** [REDACTED] (b)(3)
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 230. **Terminal PIC:** Slowly **OPEN** Fuel Riser/Station \_\_\_\_\_ / \_\_\_\_\_

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Authorized By: (b)(6)	<b>DFSP Pearl Harbor Recurring</b> <b>Operations Order</b> <b>RH [redacted] Unpacking to YON [redacted] via [redacted]</b>	Doc #: U003 Rev No. 1
Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

\_\_\_\_/\_\_\_\_/\_\_\_\_ 240. **All Personnel:** Monitor zones for leaks, sheen, and abnormal conditions.

Zone Assignment	Personnel Assignments	Call Sign	Report Time
Control Room	SoW		
Control Room	CRO		
Control Room	Assistant CRO		
Lower Tank Gallery	Work Supervisor RH		
[redacted] Pier	Work Supervisor PH		
HPV TK [redacted]	Work Lead RH		
Zone 1	Rover #1 Lower Tank Gallery		
Zone 2	Rover #2 TK [redacted]		
Zone 3	Rover #3 Lower Tank Gallery		
Zone 4	Rover #4 Lower Tank Gallery		
	(b)(3)		
Zone 5	Rover #5 (b)(3)   (b)(3)		
Zone 6	Rover #6 (b)(3)   (b)(3)		
Zone 7	Rover #7 (b)(3) (b)(3) (b)(3)		
Zone 8	Rover #8 (b)(3) (b)(3)		
Zone 9	Rover #9 (b)(3)		
Zone 10	Rover #10 (b)(3)		
Zone 11	Rover #11 Pipe Rack		
Zone 12	Rover #12 (b)(3)		
Zone 13	Rover #13 [redacted] Pier		
[redacted] Pier	Pier PIC		
[redacted] Pier	Assistant Pier PIC		
[redacted] Pier	[redacted] Operator		
YON (b)(3)	YON PIC		

\_\_\_\_/\_\_\_\_/\_\_\_\_ 250. **YON PIC:** After zone checks have been completed, slowly **OPEN** YON header valve and inform CRO start of transfer

Sequential Number	Valves Verified <b>OPEN</b>	Location	CRO Initials	Secondary CRO Initials	Time Rover	Time Independent Validator
1	(b)(3)					

\_\_\_\_/\_\_\_\_/\_\_\_\_ 260. **CRO/RH WL:** Monitor pressure on compound gauge at HPV, throttling (b)(3)(A) as needed to reduce [redacted]

\_\_\_\_/\_\_\_\_/\_\_\_\_ 270. **RH WL:** After (b)(3)(A) gal has drained, **OPEN** (b)(3)(A) and (b)(3)(A)

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

Authored By: (b)(6) Doc Custodian: Fuels Department Approved By: LCDR (b)(6) Date Approved: 08/30/2022	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH [REDACTED] Unpacking to YON [REDACTED] via [REDACTED]</b>	Doc #: U003 Rev No. 1 <b>Unpack Operating Order</b> Effective Date: 08/30/2022
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\_\_\_\_/\_\_\_\_/\_\_\_\_ 280. **YON PIC:** Report to **CRO** and record YON levels hourly

Hour # (Time)	Tank Level	Current Amount(Gals)	CRO Initials	Secondary CRO Initials
.5 ( )				
1 ( )				
1.5 ( )				
2 ( )				
2.5 ( )				
3 ( )				
3.5 ( )				
4 ( )				
4.5 ( )				
5 ( )				

\_\_\_\_/\_\_\_\_/\_\_\_\_ 290. **YON PIC:** Monitor **Flowrate** during the operation. When flow slows, inform **CRO** and prepare to stop operation.

\_\_\_\_/\_\_\_\_/\_\_\_\_ 300. **CRO/YON PIC:** Once [REDACTED] Operation head pressure has decreased and flow has ceased, **YON PIC** will **CLOSE** the [REDACTED] riser \_\_\_\_\_ and **YON header valve**.

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.



Authorized By: (b)(6)	<b>DFSP Pearl Harbor Recurring</b> <b>Operations Order</b> <b>RH (b)(6) Unpacking to YON (b)(6) via (b)(6)</b>	Doc #: U003 Rev No. 1
Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

**SECTION 6 – RETURN TO BASELINE**

**DATE TIME INITIALS**

\_\_\_ / \_\_\_ / \_\_\_ 310. **CRO:** Use the table below to sequentially **CLOSE** and validate the valves using the “point and call” system

\_\_\_ / \_\_\_ / \_\_\_ 320. **Rov/IV:** Validate valve alignment in the field and report valve position per CRO point and call request

Sequential Number	Valves Verified <b>CLOSE</b>	Location	CRO Initials	Secondary CRO Initials	Time Rover	Time Independent Validator
1	<b>(b)(3)</b>					
2						
1						
2						
3						
4						
5						
6						
7						
8						
9						

(\*) Denotes manual valves

All (b)(6) Sectional Valves will remain **OPEN** from (b)(3) to Red Hill Lower Tank Gallery

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

Authored By: (b)(6) Doc Custodian: Fuels Department Approved By: LCDR (b)(6) Date Approved: 08/30/2022	<b>DFSP Pearl Harbor Recurring</b> <b>Operations Order</b> RH [REDACTED] Unpacking to YON [REDACTED] via [REDACTED]	Doc #: U003 Rev No. 1 <b>Unpack Operating Order</b> Effective Date: 08/30/2022
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\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 330. YON PIC & IV: Use the table below to ensure YON Valves are **CLOSED** and **OPEN** IOT return YON (b)(3) Valve baseline with thermal exception

YON (b)(3) Valve Baseline with Thermal Exception					
Sequential Number	Valves Verified	Location	Baseline Position	Current Position	Time
1	(b)(3)		NORMALLY <b>CLOSED</b>		/
2	(b)(3)		NORMALLY <b>CLOSED</b>		/
3	(b)(3)		NORMALLY <b>CLOSED</b>		/
4	(b)(3)		NORMALLY <b>CLOSED</b>		/
5	(b)(3)		NORMALLY <b>CLOSED</b>		/
6	(b)(3)		NORMALLY <b>CLOSED</b>		/
7	(b)(3)		NORMALLY <b>OPEN</b>		/
8	(b)(3)		NORMALLY <b>CLOSED</b>		/
9	(b)(3)		NORMALLY <b>CLOSED</b>		/
10	(b)(3)		NORMALLY <b>CLOSED</b>		/
11	(b)(3)		NORMALLY <b>CLOSED</b>		/
12	(b)(3)		NORMALLY <b>OPEN</b>		/
13	(b)(3)		NORMALLY <b>CLOSED</b>		/
14	(b)(3)		NORMALLY <b>CLOSED</b>		/
15	(b)(3)		NORMALLY <b>OPEN</b>		/
16	(b)(3)		NORMALLY <b>OPEN</b>		/

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

Authored By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b>  <b><u>Operations Order</u></b>  <b>RH [REDACTED] Unpacking to YON [REDACTED] via [REDACTED]</b>	Doc #: U003 Rev No. 1
Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

17	<b>(b)(3)</b>	NORMALLY <b>OPEN</b>		/
18		NORMALLY <b>CLOSED</b>		/
19		NORMALLY <b>OPEN</b>		/
20		NORMALLY <b>CLOSED</b>		/
(*) – Denotes Manual Valve  <b>All six (6) Valves are OPEN for thermal expansion</b>				

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Authorized By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH [REDACTED] Unpacking to YON [REDACTED] via [REDACTED]</b>	Doc #: U003 Rev No. 1
Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 340. **All assigned personnel: Report zone condition to CRO**

Zone Assignment	Personnel Assignments	Report Time	Status (Notes)
Control Room	SoW		
Control Room	CRO		
Control Room	Assistant CRO		
Lower Tank Gallery	Work Supervisor RH		
[REDACTED] Pier	Work Supervisor PH		
HPV TK [REDACTED]	Work Lead RH		
Zone 1	Rover #1 Lower Tank Gallery		
Zone 2	Rover #2 TK [REDACTED]		
Zone 3	Rover #3 Lower Tank Gallery		
Zone 4	Rover #4 Lower Tank Gallery [REDACTED] (b)(3)		
Zone 5	Rover #5 (b)(3) [REDACTED] (b)(3)		
Zone 6	Rover #6 (b)(3) [REDACTED] (b)(3)		
Zone 7	Rover #7 (b)(3) [REDACTED] (b)(3) [REDACTED] (b)(3)		
Zone 8	Rover #8 (b)(3) (b)(3) [REDACTED]		
Zone 9	Rover #9 (b)(3)		
Zone 10	Rover #10 (b)(3)		
Zone 11	Rover #11 Pipe Rack		
Zone 12	Rover #12 (b)(3)		
Zone 13	Rover #13 [REDACTED] Pier		
[REDACTED] Pier	Pier PIC		
[REDACTED] Pier	Assistant Pier PIC		
[REDACTED] Pier	[REDACTED] Operator		
YON (b)(3)	YON PIC		

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 350. **CRO: Ensure the follow procedures are completed and announce when complete**

- [REDACTED] path utilized is back to baseline configuration
- “Issue”** Evolution has ended on AFHE System

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

Authorized By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH [REDACTED] Unpacking to YON [REDACTED] via [REDACTED]</b>	Doc #: U003 Rev No. 1
Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

**SECTION 7 – CLOSEOUT**

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 360. **RH PIC/WL:** Report the following procedures have been completed and report to **CRO**:

(b)(3) **CLOSE**

(b)(3) **CLOSE**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 370. **YON PIC:** Manually gauge receiving tank ~ one (1) hour after the final secure time of the [REDACTED] operation and record/report final amount issued to **CRO**

Receiving Tank	Finish Level (Ft/In)	Finish Level (Gal)	CRO Initials	Secondary CRO Initials	Time
YON [REDACTED]					

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 380. **CROs:** Shall finalize and the following documents are completed and turned in at the main building, Pearl Harbor: [REDACTED] at the end of the day:

FLC Fuel Form 703-18, Transfer Record

FLC Fuel Form 703-22, Tank Inventory Control Daily Levels

FLC Fuel Form 703-24, Running Gauge Record

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 390. **SoW:** verify the following the follow procedures have been completed:

All procedures completed IAW OPORD

Documentation is completed

All information/signature blocks on operation order are filled in

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 400. **SoW:** Notify Operational personnel that the operation is complete

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 410. **SoW:** Notify Fuels Director operation is complete

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Authored By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH (b)(6) Unpacking to YON (b)(6) via (b)(6)</b>	Doc #: U003 Rev No. 1
Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

## Operations Order Closeout

Select the appropriate statement below

Statement or Order	CRO Initial
This order was executed as written without any changes.	
This order was executed with changes as marked and approved on the order	

**NOTE:** If the order required approved modification, the CRO to sign, date and forward for final approval and archiving.

**NOTE:** The Supervisory Distributive Facilities Specialist (SDFS) will pick all Operations Orders up at the end of the day at the Control Room.

\_\_\_\_\_ CRO \_\_\_\_\_ Date

- The CRO to forward this procedure to the Supervisory Distributive Facilities Specialist

\_\_\_\_\_ Supervisory Distributive Facilities Specialist (SDFS) \_\_\_\_\_ Date

- The SDFS to forward this order to the Deputy Director of Fuels

\_\_\_\_\_ Deputy Director of Fuels \_\_\_\_\_ Date

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Authored By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b>  <b><u>Operations Order</u></b>  <b>RH (b)(6) Unpacking to YON (b)(6) via (b)(6)</b>	Doc #: U003 Rev No. 1
Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

**REVISION HISTORY**

Revision Number	Description of Change	Technical Basis	Requested By	Approved By	Revision Date	Effective Date

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	<b>JBPHH Fleet Logistics Center</b>	Document No:	U003A
	<b>Operations Order [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	1 of 9

Reviewed By: (b)(6) – (b)(4) Engineer

Reviewed By: (b)(6) – Operations Supervisor


Reviewed By: (b)(6) – Fuels Operations Director

Approved By: LCDR (b)(6) – Deputy Fuels Director

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	<b>JBP HH Fleet Logistics Center</b>	Document No:	U003A
	<b>Operations Order [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	2 of 9

EVOLUTION START DATE: \_\_\_\_\_

CONTROL ROOM INITIALS (MASTER COPY): \_\_\_\_\_

FIELD COPY INITIALS: \_\_\_\_\_

**EVOLUTION ORDER**

- DFSP JBP HH conducts [REDACTED] unpacking operations from Red Hill to Pearl Harbor to provide drain down of the [REDACTED] Pipeline from Lower Tank Gallery Area to [REDACTED] (b)(3) with a fuel estimation of (b) (3) (A) [REDACTED]

**NOTE:** This Operations Order will provide the information to safely perform the following Operations Order

**BASELINE – VALVE ALIGNMENT VERIFICATION**

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 10. A terminal valve verification must be conducted prior to execution of any operation by following the procedures

- CRO** validates motor operated valves (MOVs)
  - Comparison by AFHE in the baseline position to current position, by writing in the “current position” of the valve with the time of validation
- Rover** validates manual valves
  - Comparison by in the field verification of the baseline position to current position, by writing in the “current position” of the valve with the time of validation

**NOTE:** Validation of valves will be verified by comparing baseline position to current position, while conducting valve validation inspection, if a valve is **NOT** in the **BASELINE** position, inform **CRO** immediately and bring to attention of **SoW** in morning briefing

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.



**JBP HH Fleet Logistics Center**  
**Operations Order [REDACTED] Pipeline Drain**  
**Down Baseline OPORD**  
**(Date OCT22)**

Document No:	U003A
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[REDACTED] Valve Baseline from RH to [REDACTED] Pier					
Sequential Number	Valves Verified	Location	Baseline Position	Current Position	Time
1	(b)(3)	[REDACTED]	NORMALLY CLOSED		
2			NORMALLY CLOSED		
3			NORMALLY CLOSED		
4			NORMALLY CLOSED		
5			NORMALLY CLOSED		
6			NORMALLY CLOSED		
7			NORMALLY CLOSED		
8			NORMALLY CLOSED		
9			NORMALLY CLOSED		
10			NORMALLY CLOSED		
11			NORMALLY CLOSED		
12			NORMALLY CLOSED		
13			NORMALLY OPEN		
14			NORMALLY CLOSED		
15			NORMALLY CLOSED		
16			NORMALLY CLOSED		
17			NORMALLY CLOSED		
18			NORMALLY CLOSED		
19			NORMALLY CLOSED		
20			NORMALLY CLOSED		
21			NORMALLY CLOSED		
22			NORMALLY CLOSED		

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**JBP HH Fleet Logistics Center**  
**Operations Order [REDACTED] Pipeline Drain**  
**Down Baseline OPORD**  
**(Date OCT22)**

Document No:	U003A
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23	(b)(3)	NORMALLY OPEN		
24		NORMALLY OPEN		
25		NORMALLY OPEN		
26		NORMALLY OPEN		
27		NORMALLY CLOSED		
28		NORMALLY CLOSED		
29		NORMALLY CLOSED		
30		NORMALLY CLOSED		
31		NORMALLY OPEN		
32		NORMALLY OPEN		
33		NORMALLY CLOSED		
34		NORMALLY CLOSED		
35		NORMALLY CLOSED		
36		NORMALLY CLOSED		
37		NORMALLY CLOSED		
38		NORMALLY CLOSED		
39		NORMALLY CLOSED		
40		NORMALLY CLOSED		
41		NORMALLY CLOSED		
42		NORMALLY CLOSED		
43		NORMALLY CLOSED		
44		NORMALLY CLOSED		
45		NORMALLY CLOSED		
46	NORMALLY CLOSED			

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**JBPHH Fleet Logistics Center**  
**Operations Order [redacted] Pipeline Drain**  
**Down Baseline OPORD**  
**(Date OCT22)**

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47	<b>(b)(3)</b>	NORMALLY OPEN		
48		NORMALLY CLOSED		
49		NORMALLY CLOSED		
50		NORMALLY CLOSED		
51		NORMALLY CLOSED		
52		NORMALLY CLOSED		
53		NORMALLY OPEN		
54		NORMALLY OPEN		
55		NORMALLY CLOSED		
56		NORMALLY CLOSED		
57		NORMALLY OPEN		
58		NORMALLY CLOSED		
59		NORMALLY CLOSED		
60		NORMALLY CLOSED		
61		NORMALLY CLOSED		
62		NORMALLY CLOSED		
63		NORMALLY CLOSED		
64		NORMALLY CLOSED		
65		NORMALLY CLOSED		
66		NORMALLY CLOSED		
67		NORMALLY CLOSED		
68	NORMALLY CLOSED			
69	NORMALLY CLOSED			
70	NORMALLY CLOSED			
71	NORMALLY CLOSED			

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**JBPHH Fleet Logistics Center**  
**Operations Order [REDACTED] Pipeline Drain**  
**Down Baseline OPORD**  
**(Date OCT22)**


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72	(b)(3)	NORMALLY <b>CLOSED</b>		
73		NORMALLY <b>CLOSED</b>		
74		NORMALLY <b>CLOSED</b>		
75		NORMALLY <b>CLOSED</b>		
76		NORMALLY <b>CLOSED</b>		
77		NORMALLY <b>CLOSED</b>		
78		NORMALLY <b>CLOSED</b>		
79		NORMALLY <b>CLOSED</b>		
80		NORMALLY <b>CLOSED</b>		
81		NORMALLY <b>CLOSED</b>		
82		NORMALLY <b>CLOSED</b>		

(\* ) – Denotes Manual Valve

All [REDACTED] Valves are **OPEN** for thermal expansion

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

	<b>JBPHH Fleet Logistics Center</b>	Document No:	U003A
	<b>Operations Order [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
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- \_\_\_\_/\_\_\_\_/\_\_\_\_ 20. After completion of the Baseline Operations Order (OPORD):
- CRO and Rover:** Print, sign and date at the bottom of the OPORD validates motor operated valves (MOVs)
  - CRO:** Ensure Baseline OPORD is provide to SoW for validation at the Watch Team Brief

**Validation Baseline Inspection Completed by:**

\_\_\_\_\_  
**Rover #1** (Print, Sign, Date)

\_\_\_\_\_  
**CRO** (Print, Sign, Date)


- \_\_\_\_/\_\_\_\_/\_\_\_\_ 30. **SoW:** Validate Baseline configuration OPORD and verify terminal is ready to conduct fueling operation

\_\_\_\_\_  
**SoW** (Print, Sign, Date)

**NOTE:** If the Operations Order was completed with NO issues and NO changes, file should be placed in the completed Operations Order box.

**NOTE:** If the Operations Order was completed WITH issues or WITH changes, ensure the appropriate process was followed and signed off on for the change or issue. File this modified copy in the Operations Order modified box

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

	<b>JBPHH Fleet Logistics Center</b>	Document No:	U003A
	<b>Operations Order [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	8 of 9

**Operations Order Closeout:**

Select the appropriate statement below

Statement or Order	CRO Initial
This order was executed as written without any changes.	
This order was executed with changes as marked and approved on the order	

**NOTE:** If the order required approved modification, the CRO to sign, date and forward for final approval and archiving.

**NOTE:** The Supervisory Distribution Facilities Specialist (SDFS) will pick all Operations Orders up at the end of the day at the Control Room.

\_\_\_\_\_ CRO \_\_\_\_\_ Date


- The CRO to forward this procedure to the Supervisory Distribution Facilities Specialist

\_\_\_\_\_ Supervisory Distribution Facilities Specialist (SDFS) \_\_\_\_\_ Date

- The SDFS to forward this order to the Deputy Director of Fuels

\_\_\_\_\_ Deputy Director of Fuels \_\_\_\_\_ Date

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.


	<b>JBPHH Fleet Logistics Center</b>	Document No:	U003A
	<b>Operations Order [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	9 of 9

**REVISION HISTORY**

Revision Number	Description of Change	Technical Basis	Requested By	Approved By	Revision Date	Effective Date

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	<b>JBPHH Fleet Logistics Center</b>	Document No:	U003B
	<b>Operations Order YON (b)(3) Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	1 of 7


Reviewed By: (b)(6) – (b)(4) Engineer

Reviewed By: (b)(6) – Operations Supervisor

Reviewed By: (b)(6) – Fuels Operations Director

Approved By: LCDR (b)(6) – Deputy Fuels Director

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order..

	<b>JBPHH Fleet Logistics Center</b>	Document No:	U003B
	<b>Operations Order YON (b)(3) Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	2 of 7

EVOLUTION START DATE: \_\_\_\_\_

CONTROL ROOM INITIALS (MASTER COPY): \_\_\_\_\_

FIELD COPY INITIALS: \_\_\_\_\_

**EVOLUTION ORDER**

- DFSP JBPHH conducts (b)(3) unpacking operations from Red Hill to Pearl Harbor to provide drain down of the (b)(3) Pipeline from Lower Tank Gallery Area to (b)(3) with a fuel estimation of (b)(3)(A) gallons

**NOTE:** This Operations Order will provide the information to safely perform the following Operations Order

**BASELINE – VALVE ALIGNMENT VERIFICATION**

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 10. A terminal valve verification must be conducted prior to execution of any operation by following the procedures

- YON PIC & YON 2<sup>nd</sup> PIC (IV) validates manual valves
  - Comparison by in the field verification of the baseline position to current position, by writing in the “current position” of the valve with the time of validation

**NOTE:** Validation of valves will be verified by comparing baseline position to current position, while conducting valve validation inspection, if a valve is **NOT** in the **BASELINE** position, inform **CRO** immediately and bring to attention of **SoW** in morning briefing

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order..




**JBPHH Fleet Logistics Center**  
**Operations Order YON (b)(3) Pipeline**  
**Drain Down Baseline OPORD**  
**(Date OCT22)**

Document No:	U003B
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YON (b)(3) Valve Baseline with Thermal Exception					
Sequential Number	Valves Verified	Location	Baseline Position	Current Position	Time
1	<b>(b)(3)</b>		NORMALLY <b>CLOSED</b>		/
2			NORMALLY <b>CLOSED</b>		/
3			NORMALLY <b>CLOSED</b>		/
4			NORMALLY <b>CLOSED</b>		/
5			NORMALLY <b>CLOSED</b>		/
6			NORMALLY <b>CLOSED</b>		/
7			NORMALLY <b>OPEN</b>		/
8			NORMALLY <b>CLOSED</b>		/
9			NORMALLY <b>CLOSED</b>		/
10			NORMALLY <b>CLOSED</b>		/
11			NORMALLY <b>CLOSED</b>		/
12			NORMALLY <b>OPEN</b>		/
13			NORMALLY <b>CLOSED</b>		/
14			NORMALLY <b>CLOSED</b>		/
15			NORMALLY <b>OPEN</b>		/
16			NORMALLY <b>OPEN</b>		/
17			NORMALLY <b>OPEN</b>		/
18			NORMALLY <b>CLOSED</b>		/

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	<b>JBPHH Fleet Logistics Center</b>	Document No:	U003B
	<b>Operations Order YON (b)(3) Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
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19	(b)(3)	NORMALLY OPEN		/
20		NORMALLY CLOSED		/

(\*) – Denotes Manual Valve


All        Valves are OPEN for thermal expansion

- Verify all        void/rake hatches (depicted on Enclosure (1)) are CLOSED
- Verify and report to CRO the following        tank hatches (depicted on Enclosure (1)) are CLOSED

YON (b)(3) Valve Thermal Baseline					
Sequential Number	Hatch Verified	Location	Baseline Position	Current Position	Time
1	(b)(3)			NORMALLY CLOSED	/
2					/
3					/
4					/
5					/
6					/
7					/
8					/

(\*) – Denotes Manual Valve

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	<b>JBPHH Fleet Logistics Center</b>	Document No:	U003B
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\_\_\_\_/\_\_\_\_/\_\_\_\_ 20. After completion of the Baseline Operations Order (OPOD):

- YON PIC & YON 2<sup>nd</sup> PIC (IV)** Print, sign and date at the bottom of the OPOD

**Validation Baseline Inspection Completed by:**

\_\_\_\_\_  
**YON PIC** (Print, Sign, Date)

\_\_\_\_\_  
**YON 2<sup>ND</sup> PIC** (Print, Sign, Date)


\_\_\_\_/\_\_\_\_/\_\_\_\_ 30. **SoW:** Validate Baseline configuration OPOD and verify terminal is ready to conduct fueling operation

\_\_\_\_\_  
**SoW** (Print, Sign, Date)

**NOTE:** If the Operations Order was completed with NO issues and NO changes, file should be placed in the completed Operations Order box.

**NOTE:** If the Operations Order was completed WITH issues or WITH changes, ensure the appropriate process was followed and signed off on for the change or issue. File this modified copy in the Operations Order modified box

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	<b>JBPHH Fleet Logistics Center</b>	Document No:	U003B
	<b>Operations Order YON (b)(3) Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
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**Operations Order Closeout:**

Select the appropriate statement below

Statement or Order	CRO Initial
This order was executed as written without any changes.	
This order was executed with changes as marked and approved on the order	

**NOTE:** If the order required approved modification, the CRO to sign, date and forward for final approval and archiving.

**NOTE:** The Supervisory Distribution Facilities Specialist (SDFS) will pick all Operations Orders up at the end of the day at the Control Room.

\_\_\_\_\_ CRO \_\_\_\_\_ Date


- The CRO to forward this procedure to the Supervisory Distribution Facilities Specialist

\_\_\_\_\_ Supervisory Distribution Facilities Specialist (SDFS) \_\_\_\_\_ Date

- The SDFS to forward this order to the Deputy Director of Fuels

\_\_\_\_\_ Deputy Director of Fuels \_\_\_\_\_ Date

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	<b>JBPHH Fleet Logistics Center</b>	<b>Document No:</b> U003B
	<b>Operations Order YON (b)(3) Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	<b>Revision No:</b> 1.0
		<b>Page No:</b> 7 of 7

**REVISION HISTORY**

Revision Number	Description of Change	Technical Basis	Requested By	Approved By	Revision Date	Effective Date

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(b)(3)





(b)(3)





(b)(3)



Authored By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH (b)(6) Unpacking to (b)(6) via (b)(6)</b>	Doc #: U004 Rev No. 1
Doc Custodian: Fuels Department		(b)(6) <b>Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

Reviewed By: (b)(6) – (b)(4) Engineer

Reviewed By: (b)(6) – Operations Supervisor

Reviewed By: (b)(6) – Fuels Operations Director

Approved By: LCDR (b)(6) – Deputy Fuels Director

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Authorized By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> RH [redacted] Unpacking to [redacted] via [redacted]	Doc #: U004 Rev No. 1
Doc Custodian: Fuels Department		<b>[redacted] Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

EVOLUTION START DATE: \_\_\_\_\_

CONTROL ROOM INITIALS (MASTER COPY): \_\_\_\_\_

FIELD COPY INITIALS: \_\_\_\_\_

**EVOLUTION ORDER**

1. This Operations Order ONLY details procedures for Phase 4, (b) (3) (A) [redacted] Unpack, of the [redacted] Unpacking Process.’
2. DFSP JBPHH conducts (b) (3) (A) [redacted] operations from the Red Hill [redacted] Pipeline to Tank [redacted] to vacate [redacted] pipeline of (b) (3) (A) [redacted] remaining to empty pipeline to (b)(3) [redacted].

Issue Source	Receipt Tank	Volume/Quantity (Gals)	Deputy Director of Fuels Initial
RH [redacted] Pipeline	[redacted]		

**WARNING: In the case of an emergency, take the following steps:**

1. Take immediate action to shut the nearest valve to prevent the movement of fuel;
2. Notify the CRO;
3. Reference the ICP plan for further instruction.

**REFERENCES**

1. Operations, Maintenance, Environmental, and Safety Plan (OMES), Dated August 2018
2. MIL – STD 3004-1: Department of Defense Standard Practice Quality Assurance for Bulk Fuels, Lubricants and Related Products
3. Integrated Contingency Plan (ICP), Date August 2018

**ENCLOSURES**

Enclosure (1): Flow Diagram

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Authorized By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH [redacted] Unpacking to [redacted] via [redacted]</b>	Doc #: U004 Rev No. 1
Doc Custodian: Fuels Department		<b>[redacted] Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

**OPERATIONS ORDER START**

**CAUTION: If a deviation or modification is needed in this order, the CRO must obtain proper approval for the change following the Change Request Form at the rear of this document.**

**NOTE: A valve baseline must be conducted prior to the execution of this Operations Order.**

**SECTION 1 – MUSTER**

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 10.      **SoW:** Conduct a Muster to ensure all assigned personnel are in attendance for the upcoming brief.

Zone Assignment	Personnel Assignments	Name(s)	Call Sign
Control Room	SoW		
Control Room	CRO		
Control Room	Assistant CRO		
(b)(3) and (b)(3)	Work Supervisor [redacted] [redacted] WS)		
RH TK [redacted] HPV	Work Lead RH (RH WL)		
(b)(3) and (b)(3)	Work Lead PH (PH WL)		
(b)(3) and (b)(3)	[redacted] Operator (VTO)		
(b)(3) and (b)(3)	Assistant [redacted] Operator		
Zone 1	Rover #1 Lower Tank Gallery		
Zone 2	Rover #2 RH TK [redacted] HPV		
Zone 3	Rover #3 (b)(3) [redacted] (b)(3) [redacted]		
Zone 4	Rover #4 (b)(3) [redacted] (b)(3) [redacted] (b)(3) [redacted] (b)(3) [redacted]		
Zone 5	Rover #5 (b)(3) [redacted] (b)(3) [redacted]		
Zone 6	Rover #6 (b)(3) [redacted]		
Zone 7	Rover #7 (b)(3) [redacted]		
Zone 8	Rover #8 (b)(3) [redacted]		
Zone 9	Rover #9 TK [redacted]		
RH TK [redacted] HPV	Independent Validator RH		
(b)(3)	Independent Validator PH		
(b)(3)	Independent Validator PH		

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

Authored By: (b)(6) Doc Custodian: Fuels Department Approved By: LCDR (b)(6) Date Approved: 08/30/2022	<b>DFSP Pearl Harbor Recurring</b> <b>Operations Order</b> RH [redacted] Unpacking to [redacted] via [redacted]	Doc #: U004 Rev No. 1  <b>[redacted] Operations Order</b>  Effective Date: 08/30/2022
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**SECTION 2 – PRE-BRIEF**

**DATE TIME INITIALS**

- \_\_\_/\_\_\_/\_\_\_ 20. **SoW:** Confirm Phase 3, Drain Down Operations Order has been completed and operating conditions are acceptable to proceed.
- \_\_\_/\_\_\_/\_\_\_ 30. **WS/WL:** Confirm and assign required personnel needed for this Operations Order.
- \_\_\_/\_\_\_/\_\_\_ 40. **CRO:** Verify following AFHE readings:
- Valve baseline matches current AFHE configuration
  - SDS and ICP all on-hand and updated
  - Ullage in receiving tank [redacted] is greater than (b) (3) (A) [redacted] for transfer.

Asset Location	Start Level (Ft/In)	Start Ullage (Gal)	CRO Initials	Assistant CRO Initials	Time
[redacted]					

HCK Tank	High Op Limit Level (Ft/In)	High Op Limit Level (Gal)
[redacted]	[redacted]	[redacted]

**NOTE:** If there is a discrepancy from the AFHE to the last manual gauge that is +/- 3/16", inform Fuel Operations Supervisor before proceeding.

- \_\_\_/\_\_\_/\_\_\_ 50. [redacted] **WS:** Have the following required paperwork on hand:
- Operation Order
  - C700 Operations Notification Flow Chart

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Authored By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH (b)(6) Unpacking to (b)(6) via (b)(6)</b>	Doc #: U004 Rev No. 1
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Date Approved: 08/30/2022		Effective Date: 08/30/2022

### SECTION 3 – WATCH TEAM BRIEF

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 60.      **SoW:** Lead the brief in the (b)(6) Meeting Room to include:

- Operational Expectations
- Operational Priorities
- Integrated Contingency Plan (ICP), Date August 2018

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 70.      **SoW:** Step through operations order and address any questions.

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

Authorized By: (b)(6)	<b>DFSP Pearl Harbor Recurring</b> <b>Operations Order</b> <b>RH (b)(6) Unpacking to (b)(6) via (b)(6)</b>	Doc #: U004 Rev No. 1
Doc Custodian: Fuels Department		<b>(b)(6) Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

## SECTION 4 - VALVE ALIGNMENT

### DATE TIME INITIALS

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 90. **All Assigned Personnel:** Report to their designated zones and conduct radio communications check with CRO

Zone Assignment	Personnel Assignments	Report Time
Control Room	SoW	
Control Room	CRO	
Control Room	Assistant CRO	
(b)(3) and (b)(3)	Work Supervisor (b)(6)	
RH TK (b)(6) HPV	Work Lead RH	
(b)(3) and (b)(3)	Work Lead PH	
(b)(3) and (b)(3)	(b)(6) Operator	
(b)(3) and (b)(3)	Assistant (b)(6) Operator	
Zone 1	Rover #1 Lower Tank Gallery	
Zone 2	Rover #2 RH TK (b)(6) HPV	
Zone 3	Rover #3 (b)(3) (b)(3)	
Zone 4	Rover #4 (b)(3) (b)(3) (b)(3) (b)(3)	
Zone 5	Rover #5 (b)(3) (b)(3)	
Zone 6	Rover #6 (b)(3)	
Zone 7	Rover #7 (b)(3)	
Zone 8	Rover #8 (b)(3)	
Zone 9	Rover #9 TK (b)(6)	
RH TK (b)(6) HPV	Independent Validator RH	
(b)(3)	Independent Validator PH	
(b)(3)	Independent Validator PH	

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 90. (b)(6) **WS:** Complete the following procedures and report to the **CRO:**

- Inspect the (b)(6) IAW FLC Fuel Form 703-15 and report any damage or discrepancies to the Work Supervisor/Work Leader
- Verify the amount of product in the (b)(6)
  - If any product is in (b)(6) Empty into FORFAC Pit
- Departure Time of the TLR to (b)(3) \_\_\_\_\_
- Arrival Time of the (b)(3) \_\_\_\_\_
- Chock Wheels

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Authorized By: (b)(6)	<b>DFSP Pearl Harbor Recurring</b> <b>Operations Order</b> <b>RH [REDACTED] Unpacking to [REDACTED] via [REDACTED]</b>	Doc #: U004 Rev No. 1
Doc Custodian: Fuels Department		<b>[REDACTED] Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

- \_\_\_ / \_\_\_ / \_\_\_ 100. **RH WL:** Ensure pressure at the HPV is maintained between [REDACTED] psi on the compound gauge throughout the operation.
- \_\_\_ / \_\_\_ / \_\_\_ 110. **CRO:** Request RH WL to **OPEN** (b)(3)
- \_\_\_ / \_\_\_ / \_\_\_ 120. **CRO:** Request RH WL to **OPEN** (b)(3)
- \_\_\_ / \_\_\_ / \_\_\_ 130. **CRO:** Use the table below to sequentially **OPEN** and validate the valves using the “point and call” system.
- \_\_\_ / \_\_\_ / \_\_\_ 140. **Rov/IV:** Validate valve alignment in the field and report valve position per **CRO** point and call request.

Sequential Number	Valves Verified <b>OPEN</b>	Location	CRO Initials	Assistant CRO Initials	Time
1	<b>(b)(3)</b>				/
2					/
3					/
4					/
5					/
6					/
7					/
8					/
9					/
10					/
11					/

(\*) Denotes manual valves.

- \_\_\_ / \_\_\_ / \_\_\_ 150. **CRO:** Use the table below to sequentially **OPEN** and validate the valves using the “point and call” system.
- \_\_\_ / \_\_\_ / \_\_\_ 160. **Rov/IV:** shall sequentially **OPEN** and validate valve alignment in the field and report valve position to **CRO**.

Sequential Number	Valves Verified <b>OPEN</b>	Location	CRO Initials	Assistant CRO Initials	Time
1	<b>(b)(3)</b>				/
2					/
3					/
4					/
5					/
6					/
7					/

(\*) Denotes manual valves.

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Authored By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b>  <b><u>Operations Order</u></b>  <b>RH (b)(6) Unpacking to (b)(6) via (b)(6)</b>	Doc #: U004 Rev No. 1
Doc Custodian: Fuels Department		<b>(b)(6) Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

## SECTION 5 – (b)(6) CYCLE

- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 170. (b)(6) **WS:** Complete the following procedures and report to the **CRO:**
- Connect grounding cable to grounding connection at (b)(3) (b)(3)
  - Connect suction hose to (b)(3) (b)(3) and verify is properly secured
  - Connect drain hose to (b)(3) (b)(3) and verify is properly secured
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 180. **CRO:** Request permission to start the (b)(6) Drain Down operation:
- CRO to SoW**
  - SoW to Fuels Director**
  - Fuels Director to Command Officer**
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 190. (b)(3) (A) **WS:** Shall ensure that the Circuit Breaker located at the TLR, the (b)(3) pump switch is **“TURNED ON”**.
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 200. **CRO:** Begin the **“Receiving”** Evolution on AFHE System to TK (b)(6)
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 210. (b)(3) (A) **WS:** (b)(6) Fill Cycle – Complete and report to CRO.
- Align truck for suction
  - OPEN** (b)(3) (b)(3)
  - Start suction - Monitor Pressures and truck level – stop when full
  - CLOSE** (b)(3) (b)(3)
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 220. (b)(6) **WS:** (b)(6) Empty Cycle - Complete and report to CRO
- Align (b)(6) to Discharge
  - For the first cycle, take a sample of the (b)(6) contents
  - OPEN** (b)(3) (b)(3)
  - START** (b)(3) – local switch - Monitor Pressures and truck level – stop pump when truck is empty
  - CLOSE** (b)(3) (b)(3)

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Authored By: (b)(6) Doc Custodian: Fuels Department Approved By: LCDR (b)(6) Date Approved: 08/30/2022	<b><u>DFSP Pearl Harbor Recurring</u></b>  <b><u>Operations Order</u></b>  <b>RH [REDACTED] Unpacking to [REDACTED] via [REDACTED]</b>	Doc #: U004 Rev No. 1  <b>[REDACTED] Operations Order</b>  Effective Date: 08/30/2022
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\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 230. **Rov/IV:** Record tank [REDACTED] level and report to **CRO**.  
 \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 240. Restart [REDACTED] Cycle at step 210.

**NOTE:** This process will continue until required amount has been removed from [REDACTED] pipeline.

Continue [REDACTED] cycling until (b) (3) (A) [REDACTED] has been removed.

[REDACTED] Cycle	Tank Level	Amount(gal)	Running Total	Time
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
12				
13				
14				
15				

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Authorized By: (b)(6)	<b>DFSP Pearl Harbor Recurring</b> <b>Operations Order</b> <b>RH [REDACTED] Unpacking to [REDACTED] via [REDACTED]</b>	Doc #: U004 Rev No. 1
Doc Custodian: Fuels Department		<b>[REDACTED] Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

## SECTION 6 – RETURN TO BASELINE

### DATE TIME INITIALS

\_\_\_ / \_\_\_ / \_\_\_ 250. **CRO:** Use the table below to sequentially **CLOSE** and validate the valves using the “point and call” system.

\_\_\_ / \_\_\_ / \_\_\_ 260. **Rov/IV:** Sequentially **CLOSE** and validate valve alignment in the field and report valve position to CRO.

Sequential Number	Valves Verified <b>CLOSE</b>	Location	CRO Initials	Assistant CRO Initials	Time
1	(b)(3)				/
2					/
3					/
4					/
5					/
6					/
7					/
8					/
9					/
10					/
11					/
12					/
13					/
14					/
(*) Denotes manual valves.					

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

Authorized By: (b)(6)	<b>DFSP Pearl Harbor Recurring</b> <b>Operations Order</b> <b>RH [REDACTED] Unpacking to [REDACTED] via [REDACTED]</b>	Doc #: U004 Rev No. 1
Doc Custodian: Fuels Department		<b>[REDACTED] Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 270. **All assigned personnel:** Report condition of zone to **CRO**.

Zone Assignment	Personnel Assignments	Report Time	Status (Notes)
Control Room	SoW		
Control Room	CRO		
Control Room	Assistant CRO		
(b)(3) and (b)(3)	Work Supervisor [REDACTED]		
RH TK [REDACTED] HPV	Work Lead RH		
(b)(3) and (b)(3)	Work Lead PH		
(b)(3) and (b)(3)	[REDACTED] Operator		
(b)(3) and (b)(3)	Assistant [REDACTED] Operator		
Zone 1	Rover #1 Lower Tank Gallery		
Zone 2	Rover #2 RH TK [REDACTED] HPV		
Zone 3	Rover #3 (b)(3) [REDACTED] (b)(3)		
Zone 4	Rover #4 (b)(3) [REDACTED] (b)(3) [REDACTED]		
Zone 5	Rover #5 (b)(3) (b)(3) [REDACTED]		
Zone 6	Rover #6 (b)(3)		
Zone 7	Rover #7 (b)(3)		
Zone 8	Rover #8 (b)(3)		
Zone 9	Rover #9 TK [REDACTED]		
RH TK [REDACTED] HPV	Independent Validator RH		
(b)(3)	Independent Validator PH		
(b)(3)	Independent Validator PH		

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 280. **CRO:** Ensure the following procedures are completed and announce when complete:

- [REDACTED] path utilized is back to baseline configuration
- “Receiving”** Evolution has ended on AFHE System

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

Authorized By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH [redacted] Unpacking to [redacted] via [redacted]</b>	Doc #: U004 Rev No. 1
Doc Custodian: Fuels Department		<b>[redacted] Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

**SECTION 7 – CLOSEOUT**

**DATE TIME INITIALS**

\_\_\_/\_\_\_/\_\_\_ 300. **RH WL:** Report the following procedures have been completed and report to CRO:

- (b)(3) **CLOSE**
- (b)(3) **CLOSED**

\_\_\_/\_\_\_/\_\_\_ 310. **[redacted] WS:** Complete the following procedures and report to the CRO:

- All equipment is stowed away
- [redacted] has returned and secured at [redacted]

\_\_\_/\_\_\_/\_\_\_ 320. **RoV:** Manually gauge receiving tank ~ one (1) hour after the final secure time of the [redacted] operation and record final tank level

Receiving Tank	Finish Level (Ft/In)	Finish Level (Gal)	CRO Initials	Assistant CRO Initials	Time
TK [redacted]					

\_\_\_/\_\_\_/\_\_\_ 330. **CRO:** Finalize the following documents are completed and turned in at the main building [redacted] at the end of the day:

- FLC Fuel Form 703-18, Transfer Record
- FLC Fuel Form 703-22, Tank Inventory Control Daily Levels

\_\_\_/\_\_\_/\_\_\_ 340. **SoW:** verify the following the follow procedures have been completed:

- All procedures completed IAW OPORD
- Documentation is completed
- All information/signature blocks on operation order are filled in

\_\_\_/\_\_\_/\_\_\_ 350. **SoW:** Notify operational personnel the operation is complete

\_\_\_/\_\_\_/\_\_\_ 360. **SoW:** Notify the Fuels Director the operation is complete

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Authored By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH (b)(6) Unpacking to (b)(6) via (b)(6)</b>	Doc #: U004 Rev No. 1
Doc Custodian: Fuels Department		(b)(6) <b>Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

**OPERATIONS ORDER CLOSEOUT**

Select the appropriate statement below

Statement or Order	CRO Initial
This order was executed as written without any changes.	
This order was executed with changes as marked and approved on the order	

**NOTE:** If the order required approved modification, the CRO to sign, date and forward for final approval and archiving.

**NOTE:** The Supervisory Distributive Facilities Specialist (SDFS) will pick all Operations Orders up at the end of the day at the Control Room.

\_\_\_\_\_ CRO \_\_\_\_\_ Date

- The CRO to forward this procedure to the Supervisory Distributive Facilities Specialist

\_\_\_\_\_ Supervisory Distributive Facilities Specialist (SDFS) \_\_\_\_\_ Date

- The SDFS to forward this order to the Deputy Director of Fuels

\_\_\_\_\_ Deputy Director of Fuels \_\_\_\_\_ Date

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Authored By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b>  <b><u>Operations Order</u></b>  <b>RH (b)(6) Unpacking to (b)(6) via (b)(6)</b>	Doc #: U004 Rev No. 1
Doc Custodian: Fuels Department		<b>(b)(6) Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

**REVISION HISTORY**

Revision Number	Description of Change	Technical Basis	Requested By	Approved By	Revision Date	Effective Date

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	<b>JBPHH Fleet Logistics Center</b>	Document No:	U004A
	<b>Operations Order [REDACTED] Pipeline [REDACTED]</b> <b>[REDACTED] Drain Down Baseline OPORD</b> <b>(Date OCT22)</b>	Revision No:	1.0
		Page No:	1 of 8


Reviewed By: (b)(6) – (b)(4) Engineer

Reviewed By: (b)(6) – Operations Supervisor

Reviewed By: (b)(6) – Fuels Operations Director

Approved By: LCDR (b)(6) – Deputy Fuels Director

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	<b>JBP HH Fleet Logistics Center</b>	Document No:	U004A
	Operations Order [REDACTED] Pipeline [REDACTED] [REDACTED] Drain Down Baseline OPORD (Date OCT22)	Revision No:	1.0
		Page No:	2 of 8

EVOLUTION START DATE: \_\_\_\_\_

CONTROL ROOM INITIALS (MASTER COPY): \_\_\_\_\_

FIELD COPY INITIALS: \_\_\_\_\_

**EVOLUTION ORDER**

- DFSP JBP HH conducts [REDACTED] unpacking operations from Red Hill to Pearl Harbor to provide drain down of the [REDACTED] Pipeline from [REDACTED] (b)(3) Area to [REDACTED] (b)(3) with a fuel estimation of [REDACTED] (b)(3) (A) gallons

**NOTE:** This Operations Order will provide the information to safely perform the following Operations Order

**BASELINE – VALVE ALIGNMENT VERIFICATION**

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 10. A terminal valve verification must be conducted prior to execution of any operation by following the procedures

- CRO validates motor operated valves (MOVs)
  - Comparison by AFHE in the baseline position to current position, by writing in the “current position” of the valve with the time of validation
- Rover validates manual valves
  - Comparison by in the field verification of the baseline position to current position, by writing in the “current position” of the valve with the time of validation

**NOTE:** Validation of valves will be verified by comparing baseline position to current position, while conducting valve validation inspection, if a valve is **NOT** in the **BASELINE** position, inform **CRO** immediately and bring to attention of **SoW** in morning briefing

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.



**JBPHH Fleet Logistics Center**

Operations Order [REDACTED] Pipeline [REDACTED]  
 [REDACTED] Drain Down Baseline OPORD  
 (Date OCT22)

Document No: U004A

Revision No: 1.0

Page No: 3 of 8

[REDACTED] Valve Baseline via [REDACTED] RH to TK [REDACTED]						
Sequential Number	Valves Verified	Location	Baseline Position	Current Position	Time	
1	<b>(b)(3)</b>		NORMALLY CLOSED			
2			NORMALLY CLOSED			
3			NORMALLY CLOSED			
4			NORMALLY CLOSED			
5			NORMALLY CLOSED			
6			NORMALLY CLOSED			
7			NORMALLY CLOSED			
8			NORMALLY CLOSED			
9			NORMALLY CLOSED			
10			NORMALLY CLOSED			
11			NORMALLY CLOSED			
12			NORMALLY CLOSED			
13				NORMALLY OPEN		
14				NORMALLY CLOSED		
15				NORMALLY CLOSED		
16				NORMALLY CLOSED		
17				NORMALLY CLOSED		
18				NORMALLY CLOSED		
19				NORMALLY CLOSED		
20				NORMALLY CLOSED		
21				NORMALLY CLOSED		
22				NORMALLY CLOSED		

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JBP HH Fleet Logistics Center

Operations Order [redacted] Pipeline [redacted]  
 [redacted] Drain Down Baseline OPORD  
 (Date OCT22)

Document No: U004A

Revision No: 1.0

Page No: 4 of 8

23	(b)(3)	NORMALLY OPEN		
24		NORMALLY OPEN		
25		NORMALLY OPEN		
26		NORMALLY OPEN		
27		NORMALLY CLOSED		
28		NORMALLY CLOSED		
29		NORMALLY CLOSED		
30		NORMALLY CLOSED		
31		NORMALLY OPEN		
32		NORMALLY OPEN		
33		NORMALLY CLOSED		
34		NORMALLY CLOSED		
35		NORMALLY CLOSED		
36		NORMALLY CLOSED		
37		NORMALLY CLOSED		
38		NORMALLY CLOSED		
39		NORMALLY CLOSED		
40		NORMALLY CLOSED		
41		NORMALLY CLOSED		
42		NORMALLY CLOSED		
43		NORMALLY CLOSED		
44		NORMALLY CLOSED		
45		NORMALLY CLOSED		
46	NORMALLY CLOSED			

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**JBPHH Fleet Logistics Center**

Operations Order [REDACTED] Pipeline [REDACTED]  
 [REDACTED] Drain Down Baseline OPORD  
 (Date OCT22)


Document No: U004A

Revision No: 1.0

Page No: 5 of 8

47	(b)(3)	NORMALLY OPEN		
48		NORMALLY CLOSED		
49		NORMALLY CLOSED		
50		NORMALLY CLOSED		
51		NORMALLY CLOSED		
52		NORMALLY CLOSED		
53		NORMALLY CLOSED		
54		NORMALLY OPEN		
55		NORMALLY CLOSED		
56		NORMALLY CLOSED		
57		NORMALLY CLOSED		
58		NORMALLY CLOSED		
59		NORMALLY OPEN		
60		NORMALLY CLOSED		
61		NORMALLY CLOSED		
62		NORMALLY CLOSED		
63		NORMALLY CLOSED		
64	NORMALLY CLOSED			
65	NORMALLY CLOSED			
66	NORMALLY OPEN			
67	NORMALLY CLOSED			
(*) – Denotes Manual Valve				

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	<b>JBPHH Fleet Logistics Center</b>	Document No:	U004A
	<b>Operations Order [REDACTED] Pipeline [REDACTED]</b> <b>[REDACTED] Drain Down Baseline OPORD</b> <b>(Date OCT22)</b>	Revision No:	1.0
		Page No:	6 of 8

\_\_\_\_/\_\_\_\_/\_\_\_\_ 20. After completion of the Baseline Operations Order (OPORD):

- CRO and Rover:** Print, sign and date at the bottom of the OPORD validates motor operated valves (MOVs)
- CRO:** Ensure Baseline OPORD is provide to SoW for validation at the Watch Team Brief

**Validation Baseline Inspection Completed by:**

\_\_\_\_\_  
**Rover #1** (Print, Sign, Date)

\_\_\_\_\_  
**CRO** (Print, Sign, Date)

\_\_\_\_/\_\_\_\_/\_\_\_\_ 30. **SoW:** Validate Baseline configuration OPORD and verify terminal is ready to conduct fueling operation

\_\_\_\_\_  
**SoW** (Print, Sign, Date)

**NOTE:** If the Operations Order was completed with NO issues and NO changes, file should be placed in the completed Operations Order box.

**NOTE:** If the Operations Order was completed WITH issues or WITH changes, ensure the appropriate process was followed and signed off on for the change or issue. File this modified copy in the Operations Order modified box

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	<b>JBPHH Fleet Logistics Center</b>  <b>Operations Order [REDACTED] Pipeline [REDACTED]</b> <b>[REDACTED] Drain Down Baseline OPORD</b> <b>(Date OCT22)</b>	Document No:	U004A
		Revision No:	1.0
		Page No:	7 of 8

**Operations Order Closeout:**

Select the appropriate statement below

Statement or Order	CRO Initial
This order was executed as written without any changes.	
This order was executed with changes as marked and approved on the order	

**NOTE:** If the order required approved modification, the CRO to sign, date and forward for final approval and archiving.

**NOTE:** The Supervisory Distribution Facilities Specialist (SDFS) will pick all Operations Orders up at the end of the day at the Control Room.

\_\_\_\_\_ CRO \_\_\_\_\_ Date


- The CRO to forward this procedure to the Supervisory Distribution Facilities Specialist

\_\_\_\_\_ Supervisory Distribution Facilities Specialist (SDFS) \_\_\_\_\_ Date

- The SDFS to forward this order to the Deputy Director of Fuels

\_\_\_\_\_ Deputy Director of Fuels \_\_\_\_\_ Date

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	<b>JBPHH Fleet Logistics Center</b>	Document No:	U004A
	Operations Order [REDACTED] Pipeline [REDACTED] [REDACTED] Drain Down Baseline OPORD (Date OCT22)	Revision No:	1.0
		Page No:	8 of 8

**REVISION HISTORY**

Revision Number	Description of Change	Technical Basis	Requested By	Approved By	Revision Date	Effective Date

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(b)(3)



(b)(3)





(b)(3)



Authored By: (b)(6)	<b><u>DFSP Pearl Harbor</u></b> <b><u>Maintenance Order</u></b> <b>Red Hill (b)(6) Line Equalization and</b> <b>Maintenance Order</b>	Doc #: UM03 Rev No. 1
Doc Custodian: Fuels Department		<b>Maintenance Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

Reviewed By: (b)(6) – (b)(4) Engineer

Reviewed By: (b)(6) – Operations Supervisor

Reviewed By: (b)(6) – Fuels Operations Director

Approved By: LCDR (b)(6) – Deputy Fuels Director

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Authorized By: (b)(6)	<b><u>DFSP Pearl Harbor</u></b> <b><u>Maintenance Order</u></b> <b>Red Hill Line Equalization and Maintenance Order</b>	Doc #: UM03 Rev No. 1
Doc Custodian: Fuels Department		<b>Maintenance Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

**Requested Start Date:** 10/3/2022 **Estimated Work Time:** 4 hrs **Severity:** Routine  
**Operations Support Needed:** No / **Yes:** Equalize Line / Return Sectional Valves to Baseline  
**Operations Scheduling Needed:** None / **Impact** / Blackout: Red Hill to (b)(3) LOTO

**MAINTENANCE ORDER**

1. This Maintenance Order ONLY details **Phase 2, Equalization and Valve Maintenance** of the 'Unpacking Process'.
2. DFSP JBPHH conducts equalization on the Red Hill pipeline to support the maintenance greasing, cycling, and PM work on the sectional valves.

**WARNING: In the case of an emergency, take the following steps:**

1. Take immediate action to shut the nearest valve to prevent the movement of fuel;
2. Notify the CRO;
3. Reference the ICP plan for further instruction.

**REFERENCES**

1. Operations, Maintenance, Environmental, and Safety Plan (OMES), Dated August 2018
2. UFC 3-460-03, United Facilities Criteria, Operations and Maintenance: Maintenance Petroleum Fuel Facilities
3. NAVSUPINST 5100.12B Control of Hazardous Energy
4. Mechanical Integrity Procedure

**ENCLOSURES**

- Enclosure (1): ECP  
Enclosure (2): WAF: To be completed  
Enclosure (3): PM Job Orders: To be completed

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Authorized By: (b)(6)	<b><u>DFSP Pearl Harbor</u></b> <b><u>Maintenance Order</u></b> <b>Red Hill Line Equalization and</b> <b>Maintenance Order</b>	Doc #: UM03 Rev No. 1
Doc Custodian: Fuels Department		<b>Maintenance Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

**MAINTENANCE ORDER START**

**SECTION 1 – MUSTER**

**DATE TIME INITIALS**

\_\_\_\_/\_\_\_\_/\_\_\_\_ 10. **LAP:** Conduct a Muster to ensure all assigned personnel are in attendance for the upcoming brief.

Zone Assignment	Personnel Assignments	Name	Call Sign
	Lead Authorized Person(LAP)		
	Maintenance Controller(MC)		
	Maintenance Personnel(MP)		
	Maintenance Supervisor(MS)		
	Operations Supervisor(OS)		
	Operations Personnel(OP)		
	CRO		
	Assistant CRO		

**SECTION 2 – PRE-BRIEF**

**DATE TIME INITIALS**

\_\_\_\_/\_\_\_\_/\_\_\_\_ 20. **MC:** Confirm submitted ECP form and prepare WAF form.

\_\_\_\_/\_\_\_\_/\_\_\_\_ 30. **MC:** Review Maintenance and Operations Schedule for any impact to or from this order on overlapping Operations or Maintenance Orders.

\_\_\_\_/\_\_\_\_/\_\_\_\_ 40. **OS/MS:** Confirm and assign required personnel needed for the Maintenance Order.

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Authored By: (b)(6)	<b><u>DFSP Pearl Harbor</u></b>  <b><u>Maintenance Order</u></b>  <b>Red Hill Line Equalization and Maintenance Order</b>	Doc #: UM03 Rev No. 1
Doc Custodian: Fuels Department		<b>Maintenance Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

### SECTION 3 – WATCH TEAM BRIEF

**DATE TIME INITIALS**

- \_\_\_\_/\_\_\_\_/\_\_\_\_ 50. **LAP:** Lead the brief in the Maintenance Control Room to include:
- ECP review
  - WAF review
  - Maintenance Order
  - Operations Involvement
- \_\_\_\_/\_\_\_\_/\_\_\_\_ 60. **MC:** Administrate Documents, Provide Locks, and Post WAF.
- \_\_\_\_/\_\_\_\_/\_\_\_\_ 70. **MP:** Confirm and Sign ECP and WAF.
- \_\_\_\_/\_\_\_\_/\_\_\_\_ 80. **OS/MS:** Confirm personnel assignments, scheduling, and operations requirements.
- \_\_\_\_/\_\_\_\_/\_\_\_\_ 90. **CRO:** Confirm readings and information accuracy:
- Flow Path – is accurate and no \*oos\* notes in AFHE
  - MOV Isolation – MOVs indicated in ECP not part of separate LOTO, and actuation will not interfere with simultaneous operations
  - AFHE Involvement – Confirm AFHE ability to support order
  - Approximate duration – Confirm scheduling and control of simultaneous operations will not overburden Control Room

### SECTION 4 – PRE-CHECK

**DATE TIME INITIALS**

- \_\_\_\_/\_\_\_\_/\_\_\_\_ 100. **LAP:** Walk and view piping and isolation points, confirming ECP.
- \_\_\_\_/\_\_\_\_/\_\_\_\_ 110. **MC:** Walk and view piping and isolation points, confirming ECP.

**Attach & Review ECP and ECP drawings to this order.**

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Authorized By: (b)(6)	<b><u>DFSP Pearl Harbor</u></b> <b><u>Maintenance Order</u></b> <b>Red Hill (b)(6) Line Equalization and Maintenance Order</b>	Doc #: UM03 Rev No. 1
Doc Custodian: Fuels Department		<b>Maintenance Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

## SECTION 5 – ISOLATING AND LOTO

### DATE TIME INITIALS

- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 120. **LAP:** Verify ECP Valve Configuration and Hang Equipment Locks & Tags.
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 130. **LAP/MP:** Install Locking Devices and Tags per ECP.
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 140. **LAP:** Review Locks, Tags, and Isolation Devices.
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 150. **LAP:** Sign and Post WAF and ECP package at job site.
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 160. **OP:** Vent (b)(6) Line

- Install Compound Pressure Gauge assembly at (b)(3)
- Open (b)(3), keeping the Pressure Gauge assembly valve closed. Should see pressure decrease here slightly
- Verify Gauge is reading (b)(6) psig
- Very Slowly Open Pressure Gauge assembly valve – NOTE: May hear air suck into pipe
- Wait for pressure to equalize

- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 170. **OP:** Open Sectionals (b)(3)
- Slowly Open (b)(3), keeping communication with OP at (b)(3). If the pressure reads (b)(6) psig slow the opening of the valve
  - Open until the valve is fully open – verified by indicator and CRO
  - Wait for pressure to equalize
  - Repeat this step until all stated sectionals have been opened and the pipeline has been equalized

- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 180. **OP:** Close (b)(3)

## SECTION 6 – UNDERGOING MAINTENANCE

### DATE TIME INITIALS

- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 190. **MP:** Complete assigned PM and Job Orders.

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Authored By: (b)(6)	<b><u>DFSP Pearl Harbor</u></b> <b><u>Maintenance Order</u></b> <b>Red Hill (b)(6) Line Equalization and</b> <b>Maintenance Order</b>	Doc #: UM03 Rev No. 1
Doc Custodian: Fuels Department		<b>Maintenance Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

**REVISION HISTORY**

Revision Number	Description of Change	Technical Basis	Requested By	Approved By	Revision Date	Effective Date

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## ENERGY CONTROL PROCEDURE (ECP) FORM

Energy Control Procedure No. _____ Lockbox No. _____		Page ___ of ___							
		Date: _____							
Location and WAF Number		Job Lock Key Custodian (Maintenance Controller)							
Equipment ID/ Description		Change <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>From</td><td>To</td><td>Date/Time</td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>		From	To	Date/Time			
From	To	Date/Time							
Job Description		Change <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>From</td><td>To</td><td>Date/Time</td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>		From	To	Date/Time			
From	To	Date/Time							
Lead Authorized Employee									
Authorized Employee must notify all Affected Personnel of equipment/ vessel isolation. Document isolation steps below and perform LOCK, TAG, and TRY.									
LOTO Isolation Date	Valve Number	Lock and/or tag Number and Blind Number	Isolation Position (Open or Closed)	LOTO Installed By	Lock Tag Try (Y/N)	LOTO Removal Date	LOTO Removed By	Comments	
	(b)(3)		Closed						
			Closed						
			Closed						
			Closed						
			Closed						
			Closed						
			Closed						
			Closed						
			Closed						
			Closed						
			Closed						
			Closed						
			Closed						
			Closed						
			Closed						
			Closed					Fire Valve to be locked close post unpacking	
By printing my name in the box below, I signify that all stored energy is dissipated. All isolation points are in the proper position and my personal lock has been attached to either an individual lockout tagout device or group lockbox.									
Print Authorized Employee Name and Company					Write on the back if necessary				
1					4				
2					5				
3					6				



Authored By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH (b)(6) Unpacking to YON (b)(6) via</b> <b>(b)(6)</b>	Doc #: U005 Rev No. 1
Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

Reviewed By: (b)(6) – (b)(4) Engineer

Reviewed By: (b)(6) – Operations Supervisor

Reviewed By: (b)(6) – Fuels Operations Director

Approved By: LCDR (b)(6) – Deputy Fuels Director

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This copy was printed on: 8/31/2022, 3:36:37 PM

Authorized By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b>  <b><u>Operations Order</u></b>  <b>RH [redacted] Unpacking to YON [redacted] via [redacted]</b>	Doc #: U005 Rev No. 1
Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

EVOLUTION START DATE: \_\_\_\_\_

CONTROL ROOM INITIALS (MASTER COPY): \_\_\_\_\_

FIELD COPY INITIALS: \_\_\_\_\_

**EVOLUTION ORDER**

1. This Operations Order ONLY details **Phase 3, [redacted] Drain**, of the '[redacted] Unpacking Process'.
2. DFSP JBPHH conducts unpacking operations from the **Red Hill [redacted] Pipeline** to **YON [redacted]** to vacate [redacted] pipeline of **(b) (3) (A) [redacted]**.

Issue Source	Receipt Tank	Volume	Deputy Director of Fuels Initial
RH [redacted] Pipeline	YON [redacted]		

**WARNING: In the case of an emergency, take the following steps:**

- 1. Take immediate action to shut the nearest valve to prevent the movement of fuel;**
- 2. Notify the CRO;**
- 3. Reference the ICP plan for further instruction.**

**REFERENCES**

1. Operations, Maintenance, Environmental, and Safety Plan (OMES), Dated August 2018
2. MIL – STD 3004-1: Department of Defense Standard Practice Quality Assurance for Bulk Fuels, Lubricants and Related Products
3. Integrated Contingency Plan (ICP), Date August 2018

**ENCLOSURES**

- Enclosure (1): Flow Diagram  
Enclosure (2): Terminal Pier PIC Checklist

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Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

## OPERATIONAL ORDER START

**CAUTION: If a deviation or modification is needed in this order, the CRO must obtain proper approval for the change following the Change Request Form at the rear of this document.**

**NOTE: A valve baseline must be conducted prior to the execution of this Operations Order.**

## SECTION 1 – MUSTER

### DATE TIME INITIALS

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 10. **SoW:** Conduct a Muster to ensure all assigned personnel are in attendance for the brief.

Zone Assignment	Personnel Assignments	Name	Call Sign
Control Room	SoW		
Control Room	CRO		
Control Room	Assistant CRO		
Lower Tank Gallery	Work Supervisor RH		
[redacted] Pier	Work Supervisor PH		
HPV TK [redacted]	Work Lead RH		
Zone 1	Rover #1 Lower Tank Gallery		
Zone 2	Rover #2 TK [redacted]		
Zone 3	Rover #3 Lower Tank Gallery		
Zone 4	Rover #4 Lower Tank Gallery		
	(b)(3)		
Zone 5	Rover #5 (b)(3) (b)(3)		
Zone 6	Rover #6 (b)(3) (b)(3)		
Zone 7	Rover #7 (b)(3)		
	(b)(3) (b)(3)		
Zone 8	Rover #8 (b)(3) (b)(3)		
Zone 9	Rover #9 (b)(3)		
Zone 10	Rover #10 (b)(3)		
Zone 11	Rover #11 Pipe Rack		
Zone 12	Rover #12 (b)(3)		
Zone 13	Rover #13 [redacted] Pier		
Zone 14	Rover #14 [redacted] Pier		
[redacted] Pier	Pier PIC		
[redacted] Pier	Assistant Pier PIC		
[redacted] Pier	[redacted] Operator		
YON (b)(3)	YON PIC		
YON (b)(3)	Assistant YON PIC		

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Authored By: (b)(6) Doc Custodian: Fuels Department Approved By: LCDR (b)(6) Date Approved: 08/30/2022	<b>DFSP Pearl Harbor Recurring</b> <b>Operations Order</b> <b>RH (b)(6) Unpacking to YON (b)(6) via (b)(6)</b>	Doc #: U005 Rev No. 1 <b>Unpack Operating Order</b> Effective Date: 08/30/2022
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Zone Assignment	Personnel Assignments	Name	Call Sign
YON (b)(3)	YON Assistant		
RH Skillet TK 13/14	Independent Validator		
(b)(3)	Independent Validator		

## SECTION 2 – PRE-BRIEF

### DATE TIME INITIALS

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 20. **SoW:** Confirm the following procedures are complete IOT conduct Phase 3:  
 (b)(6) Pipeline Drain Down:

- Phase 2: Maintenance Order/Pressure Equalization has been completed and operating conditions are acceptable to proceed.
- Baseline Operations Orders is completed and validated accurate (Doc# 005A & 005B).

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 30. **WS:** Confirm and assign required personnel needed for this Operations Order.

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 40. **CRO:** Verify the following procedures have been completed.

- Valve baseline matches current AFHE configuration
- SDS and ICP are on-hand and updated
- Ullage in YON (b)(6) is greater than (b)(3)(A) (b)(6) for transfer

Receiving Tank	Start Level (Ft/In)	Start Ullage (Gal)	CRO Initials	Assistant CRO Initials	Time
YON (b)(6)					

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\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 50. **YON PIC:** Prepare/provide the following required paperwork:

- Operation Orders
- C700 Operations Notification Flow Chart
- Barge and Ullage Report

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 60. **CRO:** Prepare/provide the following required paperwork:

- Tank Inventory Control Daily Levels
- Transfer Record

### SECTION 3 – WATCH TEAM BRIEF

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 70. **SoW:** Lead the brief in the (b)(3) Control Room to include:

- Operational Procedures/Priorities
- Operational Expectations
- Integrated Contingency Plan

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 80. **SoW:** Step through operations order and address any questions.

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## SECTION 4 – PRE-OPERATION CHECK

### DATE TIME INITIALS

\_\_\_\_/\_\_\_\_/\_\_\_\_ 90. **YON PIC:** Ensure all procedures are completed prior to executing (b)(6)  
 Drain Down Operations:

- Report Time of YON Crew \_\_\_\_\_
- Thermal Baseline Verified

\_\_\_\_/\_\_\_\_/\_\_\_\_ 100. **Terminal PIC:** Ensure all procedures are completed prior to executing (b)(6)  
 Drain Down Operations:

- Terminal Pier PIC Checklist
- Verify Fuel Riser Utilized \_\_\_\_\_
- Verify Amount being Transferred \_\_\_\_\_

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## SECTION 5 – VALVE ALIGNMENT

### DATE TIME INITIALS

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 110. **CRO:** Prior to **OPEN/CLOSE** any valves ensure the following procedures have been completed:

- Inform Control Tower that YON loading will begin
- Ensure AFHE System is set for “Issue” Evolution

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 120. **All Assigned Personnel:** Report to designated zones and conduct radio communications check with CRO.

Zone Assignment	Personnel Assignments	Call Sign	Report Time
Control Room	SoW		
Control Room	CRO		
Control Room	Assistant CRO		
Lower Tank Gallery	Work Supervisor RH		
[REDACTED] Pier	Work Supervisor PH		
HPV TK [REDACTED]	Work Lead RH		
Zone 1	Rover #1 Lower Tank Gallery		
Zone 2	Rover #2 TK [REDACTED]		
Zone 3	Rover #3 Lower Tank Gallery		
Zone 4	Rover #4 Lower Tank Gallery		
	(b)(3)		
Zone 5	Rover #5 (b)(3)   (b)(3)		
Zone 6	Rover #6 (b)(3)   (b)(3)		
Zone 7	Rover #7 (b)(3)		
	(b)(3)   (b)(3)		
Zone 8	Rover #8 (b)(3) (b)(3)		
Zone 9	Rover #9 (b)(3)		
Zone 10	Rover #10 (b)(3)		
Zone 11	Rover #11 Pipe Rack		
Zone 12	Rover #12 (b)(3)		
Zone 13	Rover #13 [REDACTED] Pier		
[REDACTED] Pier	Pier PIC		
[REDACTED] Pier	Assistant Pier PIC		
[REDACTED] Pier	[REDACTED] Operator		
YON (b)(3)	YON PIC		

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- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 130. **YON PIC:** Direct Hose Movement and Connection:
- Transfer Hose from YON to [redacted] Pier
  - Connect and secure hose to riser \_\_\_\_\_
  - Line-up YON for receiving, keeping header valve **CLOSED**
  - Inform CRO that connection has been completed
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 140. **RH PIC:** Ensure pressure on compound gauge at HPV is maintained between [redacted] psi throughout the operation.
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 150. **CRO:** Direct RH WL to **OPEN** HPV [redacted]
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 160. **CRO:** Use the table below to sequentially **OPEN** and validate the valves using the “point and call” system.
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 170. **Rov/IV:** Validate valve alignment in the field and report valve position per **CRO** point and call request.

Sequential Number	Valves Verified <b>OPEN</b>	Location	CRO Initials	Secondary CRO Initials	Time Rover	Time Independent Validator
1	<b>(b)(3)</b>					
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
(*) Denotes manual valves						

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\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 180. **YON PIC and IV:** Use the table below, align header, issue and meter valves and report to **CRO**

Seq. #	Valves Verified <b>OPEN</b> (Circle Selected Line-up)	CRO Initials	Assistant CRO Initials	Time YON PIC/Independent Validator (2 <sup>nd</sup> PIC)
1.	(b)(3)			/
2.				/
3.				/
4.				/
5.				/
6.				/
<b>COMMENTS:</b>				
(*) – Annotates Manual Valves				

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 190. **Terminal PIC:** Ensure Pier is ready to “Receive” [REDACTED] for Drain Down Operations:

- [REDACTED] Truck is positioned at [REDACTED] Pier
- Spill Kits and Fire Extinguisher Available

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**SECTION 5 – DRAINING**

**DATE TIME INITIALS**

- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 200. **CRO:** Request permission to start the [REDACTED] Drain Down:
- CRO to SoW**
  - SoW to Fuels Director**
  - Fuels Director to Command Officer**
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 210. **CRO:** Complete the following procedures prior to pressurizing the hose:
- Verify valve alignment
  - Verify hose connection
  - Verify YON header valve is **CLOSED**
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 220. **CRO:** Slowly **OPEN** [REDACTED] (b)(3)
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 230. **Terminal PIC:** Slowly **OPEN** Fuel Riser/Station \_\_\_\_\_ / \_\_\_\_\_

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Date Approved: 08/30/2022		

\_\_\_\_/\_\_\_\_/\_\_\_\_ 240. **All Personnel:** Monitor zones for leaks, sheen, and abnormal conditions.

Zone Assignment	Personnel Assignments	Call Sign	Report Time
Control Room	SoW		
Control Room	CRO		
Control Room	Assistant CRO		
Lower Tank Gallery	Work Supervisor RH		
(b)(6) Pier	Work Supervisor PH		
HPV TK (b)(6)	Work Lead RH		
Zone 1	Rover #1 Lower Tank Gallery		
Zone 2	Rover #2 TK (b)(6)		
Zone 3	Rover #3 Lower Tank Gallery		
Zone 4	Rover #4 Lower Tank Gallery		
	(b)(3)		
Zone 5	Rover #5 (b)(3)   (b)(3)		
Zone 6	Rover #6 (b)(3)   (b)(3)		
Zone 7	Rover #7 (b)(3) (b)(3) (b)(3)		
Zone 8	Rover #8 (b)(3) (b)(3)		
Zone 9	Rover #9 (b)(3)		
Zone 10	Rover #10 (b)(3)		
Zone 11	Rover #11 Pipe Rack		
Zone 12	Rover #12 (b)(3)		
Zone 13	Rover #13 (b)(6) Pier		
(b)(6) Pier	Pier PIC		
(b)(6) Pier	Assistant Pier PIC		
(b)(6) Pier	(b)(6) Operator		
YON (b)(3)	YON PIC		

\_\_\_\_/\_\_\_\_/\_\_\_\_ 250. **YON PIC:** After zone checks have been completed, slowly **OPEN** YON header valve and inform CRO start of transfer.

Sequential Number	Valves Verified <b>OPEN</b>	Location	CRO Initials	Secondary CRO Initials	Time Rover	Time Independent Validator
1	(b)(3)					

\_\_\_\_/\_\_\_\_/\_\_\_\_ 260. **CRO/RH WL:** Monitor pressure on compound gauge at HPV, throttling (b)(3) as needed to reduce (b)(6)

\_\_\_\_/\_\_\_\_/\_\_\_\_ 270. **RH WL:** After (b)(3) gal has drained, **OPEN** (b)(3)

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\_\_\_\_/\_\_\_\_/\_\_\_\_ 280. **YON PIC:** Report to **CRO** and record YON levels half hourly.

Hour # (Time)	Tank Level	Current Amount(Gals)	CRO Initials	Secondary CRO Initials
.5 ( )				
1 ( )				
1.5 ( )				
2 ( )				
2.5 ( )				
3 ( )				
3.5 ( )				
4 ( )				
4.5 ( )				
5 ( )				

\_\_\_\_/\_\_\_\_/\_\_\_\_ 290. **YON PIC:** Monitor **Flowrate** during the operation. When flow slows, inform **CRO** and prepare to stop operation.

\_\_\_\_/\_\_\_\_/\_\_\_\_ 300. **CRO/YON PIC:** Once [redacted] Operation head pressure has decreased and flow has ceased, **YON PIC** will **CLOSE** the [redacted] riser \_\_\_\_\_ and **YON header valve**.

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**SECTION 6 – RETURN TO BASELINE**

**DATE TIME INITIALS**

\_\_\_ / \_\_\_ / \_\_\_ 310. **CRO:** Use the table below to sequentially **CLOSE** and validate the valves using the “point and call” system.

\_\_\_ / \_\_\_ / \_\_\_ 320. **Rov/IV:** Validate valve alignment in the field and report valve position per **CRO** point and call request.

Sequential Number	Valves Verified <b>CLOSE</b>	Location	CRO Initials	Secondary CRO Initials	Time Rover	Time Independent Validator
1	<b>(b)(3)</b>					
2						
1						
2						
3						
4						
5						
6						
7						
8						
9						

(\*) Denotes manual valves

All (b)(6) Sectional Valves will remain **OPEN** from (b)(3) to Red Hill Lower Tank Gallery

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\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 330. YON PIC & IV: Use the table below to ensure YON Valves are **CLOSED** and **OPEN** IOT return YON (b)(3) Valve baseline with thermal exception

YON (b)(3) Valve Baseline with Thermal Exception					
Sequential Number	Valves Verified	Location	Baseline Position	Current Position	Time
1	(b)(3)		NORMALLY <b>CLOSED</b>		/
2			NORMALLY <b>CLOSED</b>		/
3			NORMALLY <b>CLOSED</b>		/
4			NORMALLY <b>CLOSED</b>		/
5			NORMALLY <b>CLOSED</b>		/
6			NORMALLY <b>CLOSED</b>		/
7			NORMALLY <b>OPEN</b>		/
8			NORMALLY <b>CLOSED</b>		/
9			NORMALLY <b>CLOSED</b>		/
10			NORMALLY <b>CLOSED</b>		/
11			NORMALLY <b>CLOSED</b>		/
12			NORMALLY <b>OPEN</b>		/
13			NORMALLY <b>CLOSED</b>		/
14			NORMALLY <b>CLOSED</b>		/
15			NORMALLY <b>OPEN</b>		/
16			NORMALLY <b>OPEN</b>		/

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Date Approved: 08/30/2022		

17	(b)(3)	NORMALLY <b>OPEN</b>		/
18		NORMALLY <b>CLOSED</b>		/
19		NORMALLY <b>OPEN</b>		/
20		NORMALLY <b>CLOSED</b>		/
(*) – Denotes Manual Valve  All [REDACTED] Valves are <b>OPEN</b> for thermal expansion				

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\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 340. **All assigned personnel:** Report zone condition to **CRO**.

Zone Assignment	Personnel Assignments	Report Time	Status (Notes)
Control Room	SoW		
Control Room	CRO		
Control Room	Assistant CRO		
Lower Tank Gallery	Work Supervisor RH		
[REDACTED] Pier	Work Supervisor PH		
HPV TK [REDACTED]	Work Lead RH		
Zone 1	Rover #1 Lower Tank Gallery		
Zone 2	Rover #2 TK [REDACTED]		
Zone 3	Rover #3 Lower Tank Gallery		
Zone 4	Rover #4 Lower Tank Gallery [REDACTED] (b)(3)		
Zone 5	Rover #5 (b)(3) [REDACTED] (b)(3)		
Zone 6	Rover #6 (b)(3) [REDACTED] (b)(3)		
Zone 7	Rover #7 (b)(3) [REDACTED] (b)(3) [REDACTED] (b)(3)		
Zone 8	Rover #8 (b)(3) (b)(3) [REDACTED]		
Zone 9	Rover #9 (b)(3)		
Zone 10	Rover #10 (b)(3)		
Zone 11	Rover #11 Pipe Rack		
Zone 12	Rover #12 (b)(3)		
Zone 13	Rover #13 [REDACTED] Pier		
[REDACTED] Pier	Pier PIC		
[REDACTED] Pier	Assistant Pier PIC		
[REDACTED] Pier	[REDACTED] Operator		
YON (b)(3)	YON PIC		

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 350. **CRO:** Ensure the follow procedures are completed and announce when complete:

- [REDACTED] path utilized is back to baseline configuration
- “Issue”** Evolution has ended on AFHE System

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**SECTION 7 – CLOSEOUT**

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 360. **RH PIC/WL:** Report the following procedures have been completed and report to **CRO**:

(b)(3) **CLOSE**

(b)(3) **CLOSE**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 370. **YON PIC:** Manually gauge receiving tank ~ one (1) hour after the final secure time of the [REDACTED] operation and record/report final amount issued to **CRO**.

Receiving Tank	Finish Level (Ft/In)	Finish Level (Gal)	CRO Initials	Secondary CRO Initials	Time
YON [REDACTED]					

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 380. **CROs:** Shall finalize and the following documents are completed and turned in at the main building, Pearl Harbor: [REDACTED] at the end of the day:

FLC Fuel Form 703-18, Transfer Record

FLC Fuel Form 703-22, Tank Inventory Control Daily Levels

FLC Fuel Form 703-24, Running Gauge Record

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 390. **SoW:** verify the following the follow procedures have been completed:

All procedures completed IAW OPORD

Documentation is completed

All information/signature blocks on operation order are filled in

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 400. **SoW:** Notify Operational personnel that the operation is complete.

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 410. **SoW:** Notify Fuels Director operation is complete.

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Authored By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH (b)(6) Unpacking to YON (b)(6) via (b)(6)</b>	Doc #: U005 Rev No. 1
Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

## Operations Order Closeout

Select the appropriate statement below:

Statement or Order	CRO Initial
This order was executed as written without any changes.	
This order was executed with changes as marked and approved on the order.	

**NOTE:** If the order required approved modification, the CRO to sign, date and forward for final approval and archiving.

**NOTE:** The Supervisory Distributive Facilities Specialist (SDFS) will pick all Operations Orders up at the end of the day at the Control Room.

\_\_\_\_\_ CRO \_\_\_\_\_ Date

- The CRO to forward this procedure to the Supervisory Distributive Facilities Specialist.

\_\_\_\_\_ Supervisory Distributive Facilities Specialist (SDFS) \_\_\_\_\_ Date

- The SDFS to forward this order to the Deputy Director of Fuels.

\_\_\_\_\_ Deputy Director of Fuels \_\_\_\_\_ Date

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

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Authored By: (b)(6)	<b>DFSP Pearl Harbor Recurring Operations Order</b> RH (b)(6) Unpacking to YON (b)(6) via (b)(6)	Doc #: U005 Rev No. 1
Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

## REVISION HISTORY

Revision Number	Description of Change	Technical Basis	Requested By	Approved By	Revision Date	Effective Date

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	<b>JBPHH Fleet Logistics Center</b>  <b>Operations Order [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Document No:	U005A
		Revision No:	1.0
		Page No:	1 of 8


Reviewed By: (b)(6) – (b)(4) Engineer

Reviewed By: (b)(6) – Operations Supervisor

Reviewed By: (b)(6) – Fuels Operations Director

Approved By: LCDR (b)(6) – Deputy Fuels Director

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

	<b>JBPHH Fleet Logistics Center</b>	Document No:	U005A
	<b>Operations Order [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	2 of 8

EVOLUTION START DATE: \_\_\_\_\_

CONTROL ROOM INITIALS (MASTER COPY): \_\_\_\_\_

FIELD COPY INITIALS: \_\_\_\_\_

**EVOLUTION ORDER**

- DFSP JBPHH conducts [REDACTED] unpacking operations from Red Hill to Pearl Harbor to provide drain down of the [REDACTED] Pipeline from Lower Tank Gallery Area to (b)(3) with a fuel estimation of (b) (3) (A) [REDACTED]

**NOTE:** This Operations Order will provide the information to safely perform the following Operations Order

**BASELINE – VALVE ALIGNMENT VERIFICATION**

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 10. A terminal valve verification must be conducted prior to execution of any operation by following the procedures

- CRO** validates motor operated valves (MOVs)
  - Comparison by AFHE in the baseline position to current position, by writing in the “current position” of the valve with the time of validation
- Rover** validates manual valves
  - Comparison by in the field verification of the baseline position to current position, by writing in the “current position” of the valve with the time of validation

**NOTE:** Validation of valves will be verified by comparing baseline position to current position, while conducting valve validation inspection, if a valve is **NOT** in the **BASELINE** position, inform **CRO** immediately and bring to attention of **SoW** in morning briefing

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.





**JBPHH Fleet Logistics Center**  
**Operations Order [REDACTED] Pipeline Drain**  
**Down Baseline OPORD**  
**(Date OCT22)**

Document No:	U005A
Revision No:	1.0
Page No:	3 of 8

[REDACTED] Valve Baseline from RH to [REDACTED] Pier					
Sequential Number	Valves Verified	Location	Baseline Position	Current Position	Time
1	(b)(3)		NORMALLY CLOSED		
2			NORMALLY CLOSED		
3			NORMALLY CLOSED		
4			NORMALLY CLOSED		
5			NORMALLY CLOSED		
6			NORMALLY CLOSED		
7			NORMALLY OPEN		
8			NORMALLY OPEN		
9			NORMALLY OPEN		
10			NORMALLY OPEN		
11			NORMALLY OPEN		
12			NORMALLY CLOSED		
13			NORMALLY CLOSED		
14			NORMALLY CLOSED		
15			NORMALLY CLOSED		
16			NORMALLY OPEN		
17			NORMALLY CLOSED		
18			NORMALLY OPEN		
19			NORMALLY CLOSED		
20			NORMALLY CLOSED		
21			NORMALLY CLOSED		

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.



**JBPHH Fleet Logistics Center**

**Operations Order [redacted] Pipeline Drain  
Down Baseline OPORD  
(Date OCT22)**

Document No: U005A

Revision No: 1.0

Page No: 4 of 8

22	(b)(3)	NORMALLY CLOSED			
23		NORMALLY CLOSED			
24		NORMALLY CLOSED			
25		NORMALLY CLOSED			
26		NORMALLY CLOSED			
27		NORMALLY CLOSED			
28		NORMALLY CLOSED			
29		NORMALLY CLOSED			
30		NORMALLY CLOSED			
31		NORMALLY OPEN			
32		NORMALLY OPEN			
33		NORMALLY CLOSED			
34		NORMALLY CLOSED			
35		NORMALLY OPEN			
36		NORMALLY CLOSED			
37		NORMALLY CLOSED			
38		NORMALLY CLOSED			
39		NORMALLY CLOSED			
40		NORMALLY CLOSED			
41		NORMALLY CLOSED			
42		NORMALLY CLOSED			
43		NORMALLY CLOSED	(SPOOLED)		
44		NORMALLY CLOSED			
45		NORMALLY CLOSED			

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.



**JBPHH Fleet Logistics Center**  
**Operations Order [REDACTED] Pipeline Drain**  
**Down Baseline OPORD**  
**(Date OCT22)**


Document No:	U005A
Revision No:	1.0
Page No:	5 of 8

46	(b)(3)	NORMALLY <b>CLOSED</b>		
47		NORMALLY <b>CLOSED</b>		
48		NORMALLY <b>CLOSED</b>		
49		NORMALLY <b>CLOSED</b>		
50		NORMALLY <b>CLOSED</b>		
51		NORMALLY <b>CLOSED</b>  (SPOOLED)		
52		NORMALLY <b>CLOSED</b>		
53		NORMALLY <b>CLOSED</b>		
54		NORMALLY <b>CLOSED</b>		
55		NORMALLY <b>CLOSED</b>		
56		NORMALLY <b>CLOSED</b>		
57		NORMALLY <b>CLOSED</b>  (SPOOLED)		
58		NORMALLY <b>CLOSED</b>		
59		NORMALLY <b>CLOSED</b>		
60		NORMALLY <b>CLOSED</b>		
61		NORMALLY <b>CLOSED</b>		

(\* ) – Denotes Manual Valve

All [REDACTED] Valves are **OPEN** for thermal expansion

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	<b>JBPHH Fleet Logistics Center</b>	Document No:	U005A
	<b>Operations Order [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	6 of 8

\_\_\_\_/\_\_\_\_/\_\_\_\_ 20. After completion of the Baseline Operations Order (OPORD):

- CRO and Rover:** Print, sign and date at the bottom of the OPORD validates motor operated valves (MOVs)
- CRO:** Ensure Baseline OPORD is provide to SoW for validation at the Watch Team Brief

**Validation Baseline Inspection Completed by:**

\_\_\_\_\_  
**Rover #1** (Print, Sign, Date)

\_\_\_\_\_  
**CRO** (Print, Sign, Date)


\_\_\_\_/\_\_\_\_/\_\_\_\_ 30. **SoW:** Validate Baseline configuration OPORD and verify terminal is ready to conduct fueling operation

\_\_\_\_\_  
**SoW** (Print, Sign, Date)

**NOTE:** If the Operations Order was completed with NO issues and NO changes, file should be placed in the completed Operations Order box.

**NOTE:** If the Operations Order was completed WITH issues or WITH changes, ensure the appropriate process was followed and signed off on for the change or issue. File this modified copy in the Operations Order modified box

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

	<b>JBPHH Fleet Logistics Center</b>	Document No:	U005A
	<b>Operations Order [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	7 of 8

**Operations Order Closeout:**

Select the appropriate statement below

Statement or Order	CRO Initial
This order was executed as written without any changes.	
This order was executed with changes as marked and approved on the order	

**NOTE:** If the order required approved modification, the CRO to sign, date and forward for final approval and archiving.

**NOTE:** The Supervisory Distribution Facilities Specialist (SDFS) will pick all Operations Orders up at the end of the day at the Control Room.

\_\_\_\_\_ CRO \_\_\_\_\_ Date


- The CRO to forward this procedure to the Supervisory Distribution Facilities Specialist

\_\_\_\_\_ Supervisory Distribution Facilities Specialist (SDFS) \_\_\_\_\_ Date

- The SDFS to forward this order to the Deputy Director of Fuels

\_\_\_\_\_ Deputy Director of Fuels \_\_\_\_\_ Date


ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

	<b>JBPHH Fleet Logistics Center</b>	Document No:	U005A
	<b>Operations Order [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	8 of 8

**REVISION HISTORY**

Revision Number	Description of Change	Technical Basis	Requested By	Approved By	Revision Date	Effective Date

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	<b>JBPHH Fleet Logistics Center</b>	Document No:	U005B
	<b>Operations Order YON (b)(3) Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	1 of 10

Reviewed By: (b)(6) – (b)(4) Engineer


Reviewed By: (b)(6) – Operations Supervisor

Reviewed By: (b)(6) – Fuels Operations Director

Approved By: LCDR (b)(6) – Deputy Fuels Director

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

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	<b>JBPHH Fleet Logistics Center</b>	Document No:	U005B
	<b>Operations Order YON (b)(3) Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	2 of 10

**EVOLUTION START DATE:** \_\_\_\_\_

**CONTROL ROOM INITIALS (MASTER COPY):** \_\_\_\_\_

**FIELD COPY INITIALS:** \_\_\_\_\_

**EVOLUTION ORDER**

- DFSP JBPHH conducts [redacted] unpacking operations from Red Hill to Pearl Harbor to provide drain down of the [redacted] Pipeline from Lower Tank Gallery Area to (b)(3) with a fuel estimation of (b)(3)(A) gallons

**NOTE:** This Operations Order will provide the information to safely perform the following Operations Order

**BASELINE – VALVE ALIGNMENT VERIFICATION**

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 10.

A terminal valve verification must be conducted prior to execution of any operation by following the procedures

- YON PIC & YON 2<sup>nd</sup> PIC (IV)** validates manual valves
  - Comparison by in the field verification of the baseline position to current position, by writing in the “current position” of the valve with the time of validation

**NOTE:** Validation of valves will be verified by comparing baseline position to current position, while conducting valve validation inspection, if a valve is **NOT** in the **BASELINE** position, inform **CRO** immediately and bring to attention of **SoW** in morning briefing

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.






**JBPHH Fleet Logistics Center**  
**Operations Order YON (b)(3) Pipeline**  
**Drain Down Baseline OPORD**  
**(Date OCT22)**

Document No:	U005B
Revision No:	1.0
Page No:	3 of 10

YON (b)(3) Valve Thermal Baseline					
Sequential Number	Valves Verified	Location	Baseline Position	Current Position	Time
1	(b)(3)		NORMALLY <b>CLOSED</b>		/
2			NORMALLY <b>CLOSED</b>		/
3			NORMALLY <b>CLOSED</b>		/
4			NORMALLY <b>CLOSED</b>		/
5			NORMALLY <b>CLOSED</b>		/
6			NORMALLY <b>CLOSED</b>		/
7			NORMALLY <b>OPEN</b>		/
8			NORMALLY <b>CLOSED</b>		/
9			NORMALLY <b>CLOSED</b>		/
10			NORMALLY <b>CLOSED</b>		/
11			NORMALLY <b>CLOSED</b>		/
12			NORMALLY <b>OPEN</b>		/
13			NORMALLY <b>CLOSED</b>		/
14			NORMALLY <b>CLOSED</b>		/
15			NORMALLY <b>OPEN</b>		/
16			NORMALLY <b>OPEN</b>		/
17			NORMALLY <b>OPEN</b>		/

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

	<b>JBPHH Fleet Logistics Center</b>	Document No:	U005B
	<b>Operations Order YON (b)(3) Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	4 of 10

18	(b)(3)	NORMALLY <b>CLOSED</b>		/
19		NORMALLY <b>OPEN</b>		/
20		NORMALLY <b>CLOSED</b>		/

(\* ) – Denotes Manual Valve


All        Valves are **OPEN** for thermal expansion

- Verify all        void/rake hatches (depicted on Enclosure (1)) are **CLOSED**
- Verify and report to CRO the following        tank hatches (depicted on Enclosure (1)) are **CLOSED**

YON (b)(3) Valve Thermal Baseline					
Sequential Number	Hatch Verified	Location	Baseline Position	Current Position	Time
1	(b)(3)			NORMALLY <b>CLOSED</b>	/
2				NORMALLY <b>CLOSED</b>	/
3				NORMALLY <b>CLOSED</b>	/
4				NORMALLY <b>CLOSED</b>	/
5				NORMALLY <b>CLOSED</b>	/
6				NORMALLY <b>CLOSED</b>	/
7				NORMALLY <b>CLOSED</b>	/
8				NORMALLY <b>CLOSED</b>	/

(\* ) – Denotes Manual Valve


ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

	<b>JBPHH Fleet Logistics Center</b>	<b>Document No:</b> U005B
	<b>Operations Order YON (b)(3) Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	<b>Revision No:</b> 1.0
		<b>Page No:</b> 5 of 10

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	<b>JBPHH Fleet Logistics Center</b>	Document No:	U005B
	<b>Operations Order YON (b)(3) Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	6 of 10

\_\_\_\_/\_\_\_\_/\_\_\_\_ 20. After completion of the Baseline Operations Order (OPORD):

- YON PIC & YON 2<sup>nd</sup> PIC (IV)** Print, sign and date at the bottom of the OPORD

**Validation Baseline Inspection Completed by:**

\_\_\_\_\_  
**YON PIC** (Print, Sign, Date)

\_\_\_\_\_  
**YON 2<sup>ND</sup> PIC** (Print, Sign, Date)


\_\_\_\_/\_\_\_\_/\_\_\_\_ 30. **SoW:** Validate Baseline configuration OPORD and verify terminal is ready to conduct fueling operation

\_\_\_\_\_  
**SoW** (Print, Sign, Date)

**NOTE:** If the Operations Order was completed with NO issues and NO changes, file should be placed in the completed Operations Order box.

**NOTE:** If the Operations Order was completed WITH issues or WITH changes, ensure the appropriate process was followed and signed off on for the change or issue. File this modified copy in the Operations Order modified box

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	<b>JBPHH Fleet Logistics Center</b>	Document No:	U005B
	<b>Operations Order YON (b)(3) Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	7 of 10

**Operations Order Closeout:**

Select the appropriate statement below

Statement or Order	CRO Initial
This order was executed as written without any changes.	
This order was executed with changes as marked and approved on the order	

**NOTE:** If the order required approved modification, the CRO to sign, date and forward for final approval and archiving.

**NOTE:** The Supervisory Distribution Facilities Specialist (SDFS) will pick all Operations Orders up at the end of the day at the Control Room.

\_\_\_\_\_ CRO \_\_\_\_\_ Date


- The CRO to forward this procedure to the Supervisory Distribution Facilities Specialist

\_\_\_\_\_ Supervisory Distribution Facilities Specialist (SDFS) \_\_\_\_\_ Date

- The SDFS to forward this order to the Deputy Director of Fuels

\_\_\_\_\_ Deputy Director of Fuels \_\_\_\_\_ Date

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

	<b>JBPHH Fleet Logistics Center</b>	Document No:	U005B
	<b>Operations Order YON (b)(3) Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	8 of 10

**YON (b)(3) or (b)(3) – Hatch  
Locations**

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

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JBPHH Fleet Logistics Center  
Operations Order YON [redacted] Pipeline  
Drain Down Baseline OPORD  
(Date OCT22)


Document No:	U005B
Revision No:	1.0
Page No:	9 of 10



(b)(3)

Once printed for use, this document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

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	<b>JBPHH Fleet Logistics Center</b>	Document No:	U005B
	<b>Operations Order YON (b)(3) Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	10 of 10

Enclosure (3)

**REVISION HISTORY**

Revision Number	Description of Change	Technical Basis	Requested By	Approved By	Revision Date	Effective Date

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

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(b)(3)





(b)(3)



Authored By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH (b)(6) Unpacking to YON (b)(6) via</b> <b>(b)(6)</b>	Doc #: U006 Rev No. 1
Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

Reviewed By: (b)(6) – (b)(4) Engineer

Reviewed By: (b)(6) – Operations Supervisor

Reviewed By: (b)(6) – Fuels Operations Director

Approved By: LCDR (b)(6) – Deputy Fuels Director

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

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Authorized By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH [redacted] Unpacking to YON [redacted] via [redacted]</b>	Doc #: U006 Rev No. 1
Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

EVOLUTION START DATE: \_\_\_\_\_

CONTROL ROOM INITIALS (MASTER COPY): \_\_\_\_\_

FIELD COPY INITIALS: \_\_\_\_\_

**EVOLUTION ORDER**

1. This Operations Order ONLY details **Phase 3, [redacted] Drain**, of the '[redacted] Unpacking Process'.
2. DFSP JBPHH conducts unpacking operations from the Red Hill [redacted] Pipeline to YON [redacted] to vacate [redacted] pipeline of (b) (3) (A).

Issue Source	Receipt Tank	Volume	Deputy Director of Fuels Initial
RH [redacted] Pipeline	YON [redacted]		

**WARNING: In the case of an emergency, take the following steps:**

1. Take immediate action to shut the nearest valve to prevent the movement of fuel;
2. Notify the CRO;
3. Reference the ICP plan for further instruction.

**REFERENCES**

1. Operations, Maintenance, Environmental, and Safety Plan (OMES), Dated August 2018
2. MIL – STD 3004-1: Department of Defense Standard Practice Quality Assurance for Bulk Fuels, Lubricants and Related Products
3. Integrated Contingency Plan (ICP), Date August 2018

**ENCLOSURES**

- Enclosure (1): Flow Diagram  
 Enclosure (2): Terminal Pier PIC Checklist

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

Authorized By: (b)(6)	<b>DFSP Pearl Harbor Recurring</b> <b>Operations Order</b> <b>RH [REDACTED] Unpacking to YON [REDACTED] via [REDACTED]</b>	Doc #: U006 Rev No. 1
Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

## OPERATIONAL ORDER START

**CAUTION: If a deviation or modification is needed in this order, the CRO must obtain proper approval for the change following the Change Request Form at the rear of this document.**

**NOTE: A valve baseline must be conducted prior to the execution of this Operations Order.**

## SECTION 1 – MUSTER

### DATE TIME INITIALS

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 10. **SoW:** Conduct a Muster to ensure all assigned personnel are in attendance for the brief.

Zone Assignment	Personnel Assignments	Name	Call Sign
Control Room	SoW		
Control Room	CRO		
Control Room	Assistant CRO		
Lower Tank Gallery	Work Supervisor RH		
[REDACTED] Pier	Work Supervisor PH		
HPV TK [REDACTED]	Work Lead RH		
Zone 1	Rover #1 Lower Tank Gallery		
Zone 2	Rover #2 TK [REDACTED]		
Zone 3	Rover #3 Lower Tank Gallery		
Zone 4	Rover #4 Lower Tank Gallery		
	(b)(3)		
Zone 5	Rover #5 (b)(3) (b)(3)		
Zone 6	Rover #6 (b)(3) (b)(3)		
Zone 7	Rover #7 (b)(3)		
	(b)(3) (b)(3)		
Zone 8	Rover #8 (b)(3) (b)(3)		
Zone 9	Rover #9 (b)(3)		
Zone 10	Rover #10 (b)(3)		
Zone 11	Rover #11 Pipe Rack		
Zone 12	Rover #12 (b)(3)		
Zone 13	Rover #13 [REDACTED] Pier		
Zone 14	Rover #14 [REDACTED] Pier		
[REDACTED] Pier	Pier PIC		
[REDACTED] Pier	Assistant Pier PIC		
[REDACTED] Pier	[REDACTED] Operator		
YON (b)(3)	YON PIC		
YON (b)(3)	Assistant YON PIC		

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Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

Zone Assignment	Personnel Assignments	Name	Call Sign
YON (b)(3)	YON Assistant		
RH Skillet TK [REDACTED]	Independent Validator		
(b)(3)	Independent Validator		

## SECTION 2 – PRE-BRIEF

### DATE TIME INITIALS

\_\_\_\_/\_\_\_\_/\_\_\_\_ 20. **SoW:** Confirm the following procedures are complete IOT conduct Phase 3:  
**[REDACTED] Pipeline Drain Down:**

- Phase 2: Maintenance Order/Pressure Equalization has been completed and operating conditions are acceptable to proceed.
- Baseline Operations Orders is completed and validated accurate (Doc# **006A**).

\_\_\_\_/\_\_\_\_/\_\_\_\_ 30. **WS:** Confirm and assign required personnel needed for this Operations Order.

\_\_\_\_/\_\_\_\_/\_\_\_\_ 40. **CRO:** Verify the following procedures have been completed.

- Valve baseline matches current AFHE configuration
- SDS and ICP are on-hand and updated
- Ullage in YON [REDACTED] is greater than (b) (3) (A) [REDACTED] for transfer

Receiving Tank	Start Level (Ft/In)	Start Ullage (Gal)	CRO Initials	Assistant CRO Initials	Time
YON [REDACTED]					

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\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 50. **YON PIC:** Prepare/provide the following required paperwork:

- Operation Orders
- C700 Operations Notification Flow Chart
- Barge and Ullage Report

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 60. **CRO:** Prepare/provide the following required paperwork:

- Tank Inventory Control Daily Levels
- Transfer Record

### SECTION 3 – WATCH TEAM BRIEF

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 70. **SoW:** Lead the brief in the (b)(3) Control Room to include:

- Operational Procedures/Priorities
- Operational Expectations
- Integrated Contingency Plan

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 80. **SoW:** Step through operations order and address any questions.

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Approved By: LCDR (b)(6)		
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## SECTION 4 – PRE-OPERATION CHECK

### DATE TIME INITIALS

\_\_\_\_/\_\_\_\_/\_\_\_\_ 90. **YON PIC:** Ensure all procedures are completed prior to executing (b)(6)  
 Drain Down Operations:

- Report Time of YON Crew \_\_\_\_\_
- Thermal Baseline Verified

\_\_\_\_/\_\_\_\_/\_\_\_\_ 100. **Terminal PIC:** Ensure all procedures are completed prior to executing (b)(6)  
 Drain Down Operations:

- Terminal Pier PIC Checklist
- Verify Fuel Riser Utilized \_\_\_\_\_
- Verify Amount being Transferred \_\_\_\_\_

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## SECTION 5 – VALVE ALIGNMENT

### DATE TIME INITIALS

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 110. **CRO:** Prior to **OPEN/CLOSE** any valves ensure the following procedures have been completed:

- Inform Control Tower that YON loading will begin.
- Ensure AFHE System is set for “Issue” Evolution.

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 120. **All Assigned Personnel:** Report to designated zones and conduct radio communications check with CRO.

Zone Assignment	Personnel Assignments	Call Sign	Report Time
Control Room	SoW		
Control Room	CRO		
Control Room	Assistant CRO		
Lower Tank Gallery	Work Supervisor RH		
[REDACTED] Pier	Work Supervisor PH		
HPV TK [REDACTED]	Work Lead RH		
Zone 1	Rover #1 Lower Tank Gallery		
Zone 2	Rover #2 TK [REDACTED]		
Zone 3	Rover #3 Lower Tank Gallery		
Zone 4	Rover #4 Lower Tank Gallery		
	(b)(3)		
Zone 5	Rover #5 (b)(3)   (b)(3)		
Zone 6	Rover #6 (b)(3)   (b)(3)		
Zone 7	Rover #7 (b)(3)		
	(b)(3)   (b)(3)		
Zone 8	Rover #8 (b)(3) (b)(3)		
Zone 9	Rover #9 (b)(3)		
Zone 10	Rover #10 (b)(3)		
Zone 11	Rover #11 Pipe Rack		
Zone 12	Rover #12 (b)(3)		
Zone 13	Rover #13 [REDACTED] Pier		
[REDACTED] Pier	Pier PIC		
[REDACTED] Pier	Assistant Pier PIC		
[REDACTED] Pier	[REDACTED] Operator		
YON (b)(3)	YON PIC		

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Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 130. **YON PIC:** Direct Hose Movement and Connection:
- Transfer Hose from YON to [REDACTED] Pier
  - Connect and secure hose to riser \_\_\_\_\_
  - Line-up YON for receiving, keeping header valve **CLOSED**
  - Inform CRO that connection has been completed
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 140. **RH PIC:** Ensure pressure on compound gauge at HPV is maintained between [REDACTED] psi throughout the operation.
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 150. **CRO:** Direct RH WL to **OPEN** [REDACTED] (b)(3)
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 160. **CRO:** Use the table below to sequentially **OPEN** and validate the valves using the “point and call” system.
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 170. **Rov/IV:** Validate valve alignment in the field and report valve position per **CRO** point and call request.

Sequential Number	Valves Verified <b>OPEN</b>	Location	CRO Initials	Secondary CRO Initials	Time Rover	Time Independent Validator
1	<b>(b)(3)</b>					
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
(*) Denotes manual valves.						

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Authorized By: (b)(6)	<b>DFSP Pearl Harbor Recurring</b> <b>Operations Order</b> <b>RH [redacted] Unpacking to YON [redacted] via [redacted]</b>	Doc #: U006 Rev No. 1
Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

\_\_\_\_/\_\_\_\_/\_\_\_\_ 180. **YON PIC and IV:** Use the table below, align header, issue and meter valves and report to CRO

Seq. #	Deck Valves Verified <b>OPEN</b> (Circle Selected Line-up)	CRO Initials	Secondary CRO Initials	Time PIC/Independent Validator
1.	<div style="font-size: 48px; font-weight: bold;">(b)(3)</div>			/
2.				/
3.				/
4.				/
5.				/
6.				/
<b>COMMENTS:</b>				
<b>NOTE:</b> The CRO shall circle the valve alignment prescribed in the table below				

\_\_\_\_/\_\_\_\_/\_\_\_\_ 190. **Terminal PIC:** Ensure Pier is ready to "Receive" [redacted] for Drain Down Operations:

- [redacted] Truck is positioned at [redacted] Pier
- Spill Kits and Fire Extinguisher Available

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Authored By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH [REDACTED] Unpacking to YON [REDACTED] via [REDACTED]</b>	Doc #: U006 Rev No. 1
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Date Approved: 08/30/2022		Effective Date: 08/30/2022

## SECTION 5 – DRAINING

### DATE TIME INITIALS

- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 200. **CRO:** Request permission to start the [REDACTED] Drain Down:
- CRO to SoW**
  - SoW to Fuels Director**
  - Fuels Director to Command Officer**
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 210. **CRO:** Complete the following procedures prior to pressurizing the hose:
- Verify valve alignment
  - Verify hose connection
  - Verify YON header valve is **CLOSED**
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 220. **CRO:** Slowly **OPEN** [REDACTED] (b)(3)
- \_\_\_\_ / \_\_\_\_ / \_\_\_\_ 230. **Terminal PIC:** Slowly **OPEN** Fuel Riser/Station \_\_\_\_\_ / \_\_\_\_\_

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Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

\_\_\_\_/\_\_\_\_/\_\_\_\_ 240. **All Personnel:** Monitor zones for leaks, sheen, and abnormal conditions.

Zone Assignment	Personnel Assignments	Call Sign	Report Time
Control Room	SoW		
Control Room	CRO		
Control Room	Assistant CRO		
Lower Tank Gallery	Work Supervisor RH		
[REDACTED] Pier	Work Supervisor PH		
HPV TK [REDACTED]	Work Lead RH		
Zone 1	Rover #1 Lower Tank Gallery		
Zone 2	Rover #2 TK [REDACTED]		
Zone 3	Rover #3 Lower Tank Gallery		
Zone 4	Rover #4 Lower Tank Gallery		
	(b)(3)		
Zone 5	Rover #5 (b)(3)   (b)(3)		
Zone 6	Rover #6 (b)(3)   (b)(3)		
Zone 7	Rover #7 (b)(3) (b)(3) (b)(3)		
Zone 8	Rover #8 (b)(3) (b)(3)		
Zone 9	Rover #9 (b)(3)		
Zone 10	Rover #10 (b)(3)		
Zone 11	Rover #11 Pipe Rack		
Zone 12	Rover #12 (b)(3)		
Zone 13	Rover #13 [REDACTED] Pier		
[REDACTED] Pier	Pier PIC		
[REDACTED] Pier	Assistant Pier PIC		
[REDACTED] Pier	[REDACTED] Operator		
YON (b)(3)	YON PIC		

\_\_\_\_/\_\_\_\_/\_\_\_\_ 250. **YON PIC:** After zone checks have been completed, slowly **OPEN** YON header valve and inform CRO start of transfer.

Sequential Number	Valves Verified <b>OPEN</b>	Location	CRO Initials	Secondary CRO Initials	Time Rover	Time Independent Validator
1	(b)(3)					

\_\_\_\_/\_\_\_\_/\_\_\_\_ 260. **CRO/RH WL:** Monitor pressure on compound gauge at HPV, throttling (b)(3) as needed to reduce [REDACTED]

\_\_\_\_/\_\_\_\_/\_\_\_\_ 270. **RH WL:** After (b)(3) gal has drained, **OPEN** (b)(3)

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\_\_\_\_/\_\_\_\_/\_\_\_\_ 280. **YON PIC:** Report to **CRO** and record YON levels hourly.

Hour # (Time)	Tank Level	Current Amount(Gals)	CRO Initials	Secondary CRO Initials
.5 ( )				
1 ( )				
1.5 ( )				
2 ( )				
2.5 ( )				
3 ( )				
3.5 ( )				
4 ( )				
4.5 ( )				
5 ( )				

\_\_\_\_/\_\_\_\_/\_\_\_\_ 290. **YON PIC:** Monitor **Flowrate** during the operation. When flow slows, inform **CRO** and prepare to stop operation.

\_\_\_\_/\_\_\_\_/\_\_\_\_ 300. **CRO/YON PIC:** Once [redacted] Operation head pressure has decreased and flow has ceased, **YON PIC** will **CLOSE** the [redacted] riser \_\_\_\_\_ and **YON header valve**.

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Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
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**SECTION 6 – RETURN TO BASELINE**

**DATE TIME INITIALS**

\_\_\_ / \_\_\_ / \_\_\_ 310. **CRO:** Use the table below to sequentially **CLOSE** and validate the valves using the “point and call” system.

\_\_\_ / \_\_\_ / \_\_\_ 320. **Rov/IV:** Validate valve alignment in the field and report valve position per **CRO** point and call request.

Sequential Number	Valves Verified <b>CLOSE</b>	Location	CRO Initials	Secondary CRO Initials	Time Rover	Time Independent Validator
1	<b>(b)(3)</b>					
2						
1						
2						
3						
4						
5						
6						
7						
8						
9						

(\*) Denotes manual valves

All (b)(6) Sectional Valves will remain **OPEN** from (b)(3) to Red Hill Lower Tank Gallery.

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\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 330. YON PIC & IV: Use the table below to ensure YON Valves are **CLOSED** and **OPEN** IOT return YON (b)(3) Valve baseline with thermal exception

YON (b)(3) Valve Baseline with Thermal Exceptions					
Sequential Number	Valves Verified	Location	Baseline Position	Current Position	Time
1	<b>(b)(3)</b>		NORMALLY <b>CLOSED</b>		/
2			NORMALLY <b>CLOSED</b>		/
3			NORMALLY <b>OPEN</b>		/
4			NORMALLY <b>CLOSED</b>		/
5			NORMALLY <b>CLOSED</b>		/
6			NORMALLY <b>CLOSED</b>		/
7			NORMALLY <b>CLOSED</b>		/
8			NORMALLY <b>CLOSED</b>		/
9			NORMALLY <b>CLOSED</b>		/
10			NORMALLY <b>CLOSED</b>		/
11			NORMALLY <b>OPEN</b>		/
12			NORMALLY <b>OPEN</b>		/
13			NORMALLY <b>OPEN</b>		/
14			NORMALLY <b>OPEN</b>		/
15			NORMALLY <b>CLOSED</b>		/
16			NORMALLY <b>CLOSED</b>		/

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17	<b>(b)(3)</b>	NORMALLY <b>CLOSED</b>		/
18		NORMALLY <b>OPEN</b>		/

(\*) – Denotes Manual Valve

All six (6) Valves are **OPEN** for thermal expansion

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\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 340. **All assigned personnel: Report zone condition to CRO.**

Zone Assignment	Personnel Assignments	Report Time	Status (Notes)
Control Room	SoW		
Control Room	CRO		
Control Room	Assistant CRO		
Lower Tank Gallery	Work Supervisor RH		
[REDACTED] Pier	Work Supervisor PH		
HPV TK [REDACTED]	Work Lead RH		
Zone 1	Rover #1 Lower Tank Gallery		
Zone 2	Rover #2 TK [REDACTED]		
Zone 3	Rover #3 Lower Tank Gallery		
Zone 4	Rover #4 Lower Tank Gallery [REDACTED] (b)(3)		
Zone 5	Rover #5 (b)(3) [REDACTED] (b)(3)		
Zone 6	Rover #6 (b)(3) [REDACTED] (b)(3)		
Zone 7	Rover #7 (b)(3) [REDACTED] (b)(3) [REDACTED] (b)(3)		
Zone 8	Rover #8 (b)(3) (b)(3) [REDACTED]		
Zone 9	Rover #9 (b)(3)		
Zone 10	Rover #10 (b)(3)		
Zone 11	Rover #11 Pipe Rack		
Zone 12	Rover #12 (b)(3)		
Zone 13	Rover #13 [REDACTED] Pier		
[REDACTED] Pier	Pier PIC		
[REDACTED] Pier	Assistant Pier PIC		
[REDACTED] Pier	[REDACTED] Operator		
YON (b)(3)	YON PIC		

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 350. **CRO: Ensure the follow procedures are completed and announce when complete:**

- [REDACTED] path utilized is back to baseline configuration
- “Issue”** Evolution has ended on AFHE System

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Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
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**SECTION 7 – CLOSEOUT**

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 360. **RH PIC/WL:** Report the following procedures have been completed and report to **CRO:**

(b)(3) **CLOSE**

(b)(3) **CLOSE**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 370. **YON PIC:** Manually gauge receiving tank ~ one (1) hour after the final secure time of the [REDACTED] operation and record/report final amount issued to **CRO.**

Receiving Tank	Finish Level (Ft/In)	Finish Level (Gal)	CRO Initials	Secondary CRO Initials	Time
(b)(3)					

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 380. **CROs:** Shall finalize and the following documents are completed and turned in at the main building, Pearl Harbor: [REDACTED] at the end of the day:

FLC Fuel Form 703-18, Transfer Record

FLC Fuel Form 703-22, Tank Inventory Control Daily Levels

FLC Fuel Form 703-24, Running Gauge Record

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 390. **SoW:** verify the following the follow procedures have been completed:

All procedures completed IAW OPORD

Documentation is completed

All information/signature blocks on operation order are filled in

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 400. **SoW:** Notify Operational personnel that the operation is complete.

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 410. **SoW:** Notify Fuels Director operation is complete.

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Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

## **Operations Order Closeout**

Select the appropriate statement below:

Statement or Order	CRO Initial
This order was executed as written without any changes.	
This order was executed with changes as marked and approved on the order.	

**NOTE:** If the order required approved modification, the CRO to sign, date and forward for final approval and archiving.

**NOTE:** The Supervisory Distributive Facilities Specialist (SDFS) will pick all Operations Orders up at the end of the day at the Control Room.

\_\_\_\_\_ CRO \_\_\_\_\_ Date

- The CRO to forward this procedure to the Supervisory Distributive Facilities Specialist.

\_\_\_\_\_ Supervisory Distributive Facilities Specialist (SDFS) \_\_\_\_\_ Date

- The SDFS to forward this order to the Deputy Director of Fuels.

\_\_\_\_\_ Deputy Director of Fuels \_\_\_\_\_ Date

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Doc Custodian: Fuels Department		<b>Unpack Operating Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

**REVISION HISTORY**

Revision Number	Description of Change	Technical Basis	Requested By	Approved By	Revision Date	Effective Date

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	<b>JBPHH Fleet Logistics Center</b>	Document No:	U006A
	<b>Operations Order [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	1 of 8


Reviewed By: (b)(6) – (b)(4) Engineer

Reviewed By: (b)(6) – Operations Supervisor

Reviewed By: (b)(6) – Fuels Operations Director

Approved By: LCDR (b)(6) – Deputy Fuels Director

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	<b>JBPHH Fleet Logistics Center</b>	Document No:	U006A
	<b>Operations Order [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	2 of 8

EVOLUTION START DATE: \_\_\_\_\_

CONTROL ROOM INITIALS (MASTER COPY): \_\_\_\_\_

FIELD COPY INITIALS: \_\_\_\_\_

**EVOLUTION ORDER**

- DFSP JBPHH conducts [REDACTED] unpacking operations from Red Hill to Pearl Harbor to provide drain down of the [REDACTED] Pipeline from Lower Tank Gallery Area to (b)(3) with a fuel estimation of (b) (3) (A) [REDACTED]

**NOTE:** This Operations Order will provide the information to safely perform the following Operations Order

**BASELINE – VALVE ALIGNMENT VERIFICATION**

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 10. A terminal valve verification must be conducted prior to execution of any operation by following the procedures

- CRO** validates motor operated valves (MOVs)
  - Comparison by AFHE in the baseline position to current position, by writing in the “current position” of the valve with the time of validation
- Rover** validates manual valves
  - Comparison by in the field verification of the baseline position to current position, by writing in the “current position” of the valve with the time of validation

**NOTE:** Validation of valves will be verified by comparing baseline position to current position, while conducting valve validation inspection, if a valve is **NOT** in the **BASELINE** position, inform **CRO** immediately and bring to attention of **SoW** in morning briefing

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.





**JBPHH Fleet Logistics Center**  
**Operations Order [REDACTED] Pipeline Drain**  
**Down Baseline OPORD**  
**(Date OCT22)**

Document No:	U006A
Revision No:	1.0
Page No:	3 of 8

[REDACTED] Valve Baseline from RH to [REDACTED] Pier					
Sequential Number	Valves Verified	Location	Baseline Position	Current Position	Time
1	(b)(3)		NORMALLY CLOSED		
2			NORMALLY CLOSED		
3			NORMALLY CLOSED		
4			NORMALLY CLOSED		
5			NORMALLY CLOSED		
6			NORMALLY CLOSED		
7			NORMALLY OPEN		
8			NORMALLY OPEN		
9			NORMALLY OPEN		
10			NORMALLY OPEN		
11			NORMALLY OPEN		
12			NORMALLY CLOSED		
13			NORMALLY CLOSED		
14			NORMALLY CLOSED		
15			NORMALLY CLOSED		
16			NORMALLY OPEN		
17			NORMALLY CLOSED		
18			NORMALLY OPEN		
19			NORMALLY CLOSED		
20			NORMALLY CLOSED		
21			NORMALLY CLOSED		

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.



**JBPHH Fleet Logistics Center**  
**Operations Order [REDACTED] Pipeline Drain**  
**Down Baseline OPORD**  
**(Date OCT22)**

Document No:	U006A
Revision No:	1.0
Page No:	4 of 8

22	(b)(3)	NORMALLY CLOSED			
23		NORMALLY CLOSED			
24		NORMALLY CLOSED			
25		NORMALLY CLOSED			
26		NORMALLY CLOSED			
27		NORMALLY CLOSED			
28		NORMALLY CLOSED			
29		NORMALLY CLOSED			
30		NORMALLY CLOSED			
31		NORMALLY OPEN			
32		NORMALLY OPEN			
33		NORMALLY CLOSED			
34		NORMALLY CLOSED			
35		NORMALLY OPEN			
36		NORMALLY CLOSED			
37		NORMALLY CLOSED			
38		NORMALLY CLOSED			
39		NORMALLY CLOSED			
40		NORMALLY CLOSED			
41		NORMALLY CLOSED			
42		NORMALLY CLOSED			
43		NORMALLY CLOSED	(SPOOLED)		
44		NORMALLY CLOSED			
45		NORMALLY CLOSED			

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.



**JBPHH Fleet Logistics Center**  
**Operations Order [REDACTED] Pipeline Drain**  
**Down Baseline OPORD**  
**(Date OCT22)**


Document No:	U006A
Revision No:	1.0
Page No:	5 of 8

46	(b)(3)	NORMALLY <b>CLOSED</b>		
47		NORMALLY <b>CLOSED</b>		
48		NORMALLY <b>CLOSED</b>		
49		NORMALLY <b>CLOSED</b>		
50		NORMALLY <b>CLOSED</b>		
51		NORMALLY <b>CLOSED</b>  (SPOOLED)		
52		NORMALLY <b>CLOSED</b>		
53		NORMALLY <b>CLOSED</b>		
54		NORMALLY <b>CLOSED</b>		
55		NORMALLY <b>CLOSED</b>		
56		NORMALLY <b>CLOSED</b>		
57		NORMALLY <b>CLOSED</b>  (SPOOLED)		
58		NORMALLY <b>CLOSED</b>		
59		NORMALLY <b>CLOSED</b>		
60		NORMALLY <b>CLOSED</b>		
61		NORMALLY <b>CLOSED</b>		

(\*) – Denotes Manual Valve

All [REDACTED] Valves are **OPEN** for thermal expansion

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	<b>JBPHH Fleet Logistics Center</b>	Document No:	U006A
	<b>Operations Order [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	6 of 8

\_\_\_\_/\_\_\_\_/\_\_\_\_ 20. After completion of the Baseline Operations Order (OPORD):

- CRO and Rover:** Print, sign and date at the bottom of the OPORD validates motor operated valves (MOVs)
- CRO:** Ensure Baseline OPORD is provide to SoW for validation at the Watch Team Brief

**Validation Baseline Inspection Completed by:**

\_\_\_\_\_ **Rover #1** (Print, Sign, Date)

\_\_\_\_\_ **CRO** (Print, Sign, Date)


\_\_\_\_/\_\_\_\_/\_\_\_\_ 30. **SoW:** Validate Baseline configuration OPORD and verify terminal is ready to conduct fueling operation

\_\_\_\_\_ **SoW** (Print, Sign, Date)

**NOTE:** If the Operations Order was completed with NO issues and NO changes, file should be placed in the completed Operations Order box.

**NOTE:** If the Operations Order was completed WITH issues or WITH changes, ensure the appropriate process was followed and signed off on for the change or issue. File this modified copy in the Operations Order modified box

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

	<b>JBPHH Fleet Logistics Center</b>	Document No:	U006A
	<b>Operations Order [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	7 of 8

**Operations Order Closeout:**

Select the appropriate statement below

Statement or Order	CRO Initial
This order was executed as written without any changes.	
This order was executed with changes as marked and approved on the order	

**NOTE:** If the order required approved modification, the CRO to sign, date and forward for final approval and archiving.

**NOTE:** The Supervisory Distribution Facilities Specialist (SDFS) will pick all Operations Orders up at the end of the day at the Control Room.

\_\_\_\_\_ CRO \_\_\_\_\_ Date


- The CRO to forward this procedure to the Supervisory Distribution Facilities Specialist

\_\_\_\_\_ Supervisory Distribution Facilities Specialist (SDFS) \_\_\_\_\_ Date

- The SDFS to forward this order to the Deputy Director of Fuels

\_\_\_\_\_ Deputy Director of Fuels \_\_\_\_\_ Date


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	<b>JBPHH Fleet Logistics Center</b>	Document No:	U006A
	<b>Operations Order [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	8 of 8

**REVISION HISTORY**

Revision Number	Description of Change	Technical Basis	Requested By	Approved By	Revision Date	Effective Date

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

	<b>JBPHH Fleet Logistics Center</b>	Document No:	U006B
	<b>Operations Order YON [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	1 of 9


Reviewed By: (b)(6) – (b)(4) Engineer

Reviewed By: (b)(6) – Operations Supervisor

Reviewed By: (b)(6) – Fuels Operations Director

Approved By: LCDR (b)(6) – Deputy Fuels Director

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

	<b>JBPHH Fleet Logistics Center</b>	Document No:	U006B
	<b>Operations Order YON [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	2 of 9

EVOLUTION START DATE: \_\_\_\_\_

CONTROL ROOM INITIALS (MASTER COPY): \_\_\_\_\_

FIELD COPY INITIALS: \_\_\_\_\_

**EVOLUTION ORDER**

- DFSP JBPHH conducts [REDACTED] unpacking operations from Red Hill to Pearl Harbor to provide drain down of the [REDACTED] Pipeline from Lower Tank Gallery Area to (b)(3) with a fuel estimation of (b) (3) (A) [REDACTED]

**NOTE:** This Operations Order will provide the information to safely perform the following Operations Order

**BASELINE – VALVE ALIGNMENT VERIFICATION**

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 10. A terminal valve verification must be conducted prior to execution of any operation by following the procedures

- YON PIC & YON 2<sup>nd</sup> PIC (IV)** validates manual valves
  - Comparison by in the field verification of the baseline position to current position, by writing in the “current position” of the valve with the time of validation

**NOTE:** Validation of valves will be verified by comparing baseline position to current position, while conducting valve validation inspection, if a valve is **NOT** in the **BASELINE** position, inform **CRO** immediately and bring to attention of **SoW** in morning briefing

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.






**JBPHH Fleet Logistics Center**  
**Operations Order YON [REDACTED] Pipeline**  
**Drain Down Baseline OPORD**  
**(Date OCT22)**

Document No:	U006B
Revision No:	1.0
Page No:	3 of 9

YON (b)(3) Valve Thermal Baseline					
Sequential Number	Valves Verified	Location	Baseline Position	Current Position	Time
1	(b)(3)		NORMALLY <b>CLOSED</b>		/
2			NORMALLY <b>CLOSED</b>		/
3			NORMALLY <b>OPEN</b>		/
4			NORMALLY <b>CLOSED</b>		/
5			NORMALLY <b>CLOSED</b>		/
6			NORMALLY <b>CLOSED</b>		/
7			NORMALLY <b>CLOSED</b>		/
8			NORMALLY <b>CLOSED</b>		/
9			NORMALLY <b>CLOSED</b>		/
10			NORMALLY <b>CLOSED</b>		/
11			NORMALLY <b>OPEN</b>		/
12			NORMALLY <b>OPEN</b>		/
13			NORMALLY <b>OPEN</b>		/
14			NORMALLY <b>OPEN</b>		/
15			NORMALLY <b>CLOSED</b>  <b>(BLINDED)</b>		/
16			NORMALLY <b>CLOSED</b>		/
17			NORMALLY <b>CLOSED</b>		/
18			NORMALLY <b>OPEN</b>		/

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	<b>JBPHH Fleet Logistics Center</b>	Document No:	U006B
	<b>Operations Order YON [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	4 of 9

(\*) – Denotes Manual Valve

All [REDACTED] Valves are **OPEN** for thermal expansion


Verify all [REDACTED] void/rake hatches (depicted on Enclosure (1)) are **CLOSED**

Verify and report to CRO the following [REDACTED] (depicted on Enclosure (1)) are **CLOSED**

YON (b)(3) Valve Thermal Baseline					
Sequential Number	Hatch Verified	Location	Baseline Position	Current Position	Time
1	<b>(b)(3)</b>			NORMALLY <b>CLOSED</b>	/
2				NORMALLY <b>CLOSED</b>	/
3				NORMALLY <b>CLOSED</b>	/
4				NORMALLY <b>CLOSED</b>	/
5				NORMALLY <b>CLOSED</b>	/
6				NORMALLY <b>CLOSED</b>	/
7				NORMALLY <b>CLOSED</b>	/
8				NORMALLY <b>CLOSED</b>	/
9				NORMALLY <b>CLOSED</b>	/
10				NORMALLY <b>CLOSED</b>	/

(\*) – Denotes Manual Valve

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	<b>JBPHH Fleet Logistics Center</b>	Document No:	U006B
	<b>Operations Order YON [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	5 of 9


**YON (b)(3) – Hatch Locations**

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Enclosure (1)



		<b>JBPBH Fleet Logistics Center</b> Operations Order <b>[Redacted]</b> Pipeline Drain Down Baseline OPORD <b>[Redacted]</b> (Date OCT22)	
Document No:	U006B	Revision No:	1.0
Page No:	6 of 9		



	<b>JBPHH Fleet Logistics Center</b>	Document No:	U006B
	<b>Operations Order YON [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	7 of 9

\_\_\_\_/\_\_\_\_/\_\_\_\_ 20. After completion of the Baseline Operations Order (OPORD):

- YON PIC & YON 2<sup>nd</sup> PIC (IV)** Print, sign and date at the bottom of the OPORD

**Validation Baseline Inspection Completed by:**

\_\_\_\_\_  
**YON PIC** (Print, Sign, Date)

\_\_\_\_\_  
**YON 2<sup>ND</sup> PIC** (Print, Sign, Date)


\_\_\_\_/\_\_\_\_/\_\_\_\_ 30. **SoW:** Validate Baseline configuration OPORD and verify terminal is ready to conduct fueling operation

\_\_\_\_\_  
**SoW** (Print, Sign, Date)

**NOTE:** If the Operations Order was completed with NO issues and NO changes, file should be placed in the completed Operations Order box.

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	<b>Operations Order YON [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	8 of 9

**Operations Order Closeout:**

Select the appropriate statement below

Statement or Order	CRO Initial
This order was executed as written without any changes.	
This order was executed with changes as marked and approved on the order	

**NOTE:** If the order required approved modification, the CRO to sign, date and forward for final approval and archiving.

**NOTE:** The Supervisory Distribution Facilities Specialist (SDFS) will pick all Operations Orders up at the end of the day at the Control Room.

\_\_\_\_\_ CRO \_\_\_\_\_ Date


- The CRO to forward this procedure to the Supervisory Distribution Facilities Specialist

\_\_\_\_\_ Supervisory Distribution Facilities Specialist (SDFS) \_\_\_\_\_ Date

- The SDFS to forward this order to the Deputy Director of Fuels

\_\_\_\_\_ Deputy Director of Fuels \_\_\_\_\_ Date

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

	<b>JBPHH Fleet Logistics Center</b>	<b>Document No:</b> U006B
	<b>Operations Order YON [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	<b>Revision No:</b> 1.0
		<b>Page No:</b> 9 of 9

**REVISION HISTORY**

Revision Number	Description of Change	Technical Basis	Requested By	Approved By	Revision Date	Effective Date

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(b)(3)



(b)(3)



(b)(3)



Authored By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b>  <b><u>Operations Order</u></b>  <b>RH (b)(6) Unpacking to (b)(6) via (b)(6)</b>	Doc #: U007 Rev No. 1
Doc Custodian: Fuels Department		<b>(b)(6) Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

Reviewed By: (b)(6) – (b)(4) Engineer

Reviewed By: (b)(6) – Operations Supervisor

Reviewed By: (b)(6) – Fuels Operations Director

Approved By: LCDR (b)(6) – Deputy Fuels Director

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

Authorized By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> RH [redacted] Unpacking to [redacted] via [redacted] [redacted]	Doc #: U007 Rev No. 1
Doc Custodian: Fuels Department		<b>[redacted] Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

EVOLUTION START DATE: \_\_\_\_\_

CONTROL ROOM INITIALS (MASTER COPY): \_\_\_\_\_

FIELD COPY INITIALS: \_\_\_\_\_

**EVOLUTION ORDER**

1. This Operations Order ONLY details procedures for Phase 4, (b) (3) (A) [redacted] Unpack, of the [redacted] Unpacking Process.’
2. DFSP JBPHH conducts batch vacuuming operations from the Red Hill [redacted] Pipeline to [redacted] to vacate [redacted] pipeline of (b) (3) (A) [redacted] remaining to empty pipeline to (b)(3) [redacted].

Issue Source	Receipt Tank	Volume/Quantity (Gals)	Deputy Director of Fuels Initial
RH [redacted] Pipeline	[redacted]		

**WARNING: In the case of an emergency, take the following steps:**

1. Take immediate action to shut the nearest valve to prevent the movement of fuel;
2. Notify the CRO;
3. Reference the ICP plan for further instruction.

**REFERENCES**

1. Operations, Maintenance, Environmental, and Safety Plan (OMES), Dated August 2018
2. MIL – STD 3004-1: Department of Defense Standard Practice Quality Assurance for Bulk Fuels, Lubricants and Related Products
3. Integrated Contingency Plan (ICP), Date August 2018

**ENCLOSURES**

Enclosure (1): Flow Diagram

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Authorized By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH [redacted] Unpacking to [redacted] via [redacted]</b>	Doc #: U007 Rev No. 1
Doc Custodian: Fuels Department		<b>[redacted] Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

**OPERATIONS ORDER START**

**CAUTION: If a deviation or modification is needed in this order, the CRO must obtain proper approval for the change following the Change Request Form at the rear of this document.**

**NOTE: A valve baseline must be conducted prior to the execution of this Operations Order.**

**SECTION 1 – MUSTER**

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 10.      **SoW:** Conduct a Muster to ensure all assigned personnel are in attendance for the upcoming brief.

Zone Assignment	Personnel Assignments	Name(s)	Call Sign
Control Room	SoW		
Control Room	CRO		
Control Room	Assistant CRO		
(b)(3) and (b)(3)	Work Supervisor [redacted] [redacted] WS)		
RH TK [redacted] HPV	Work Lead RH (RH WL)		
(b)(3) and (b)(3)	Work Lead PH (PH WL)		
(b)(3) and (b)(3)	[redacted] Operator (VTO)		
(b)(3) and (b)(3)	Assistant [redacted] Operator		
Zone 1	Rover #1 Lower Tank Gallery		
Zone 2	Rover #2 RH TK [redacted] HPV		
Zone 3	Rover #3 (b)(3) [redacted] (b)(3) [redacted]		
Zone 4	Rover #4 (b)(3) [redacted] (b)(3) [redacted] (b)(3) [redacted] (b)(3) [redacted]		
Zone 5	Rover #5 (b)(3) [redacted] (b)(3) [redacted]		
Zone 6	Rover #6 (b)(3) [redacted]		
Zone 7	Rover #7 (b)(3) [redacted]		
Zone 8	Rover #8 (b)(3) [redacted]		
Zone 9	Rover #9 TK [redacted]		
RH TK [redacted] HPV	Independent Validator RH		
(b)(3)	Independent Validator PH		
(b)(3)	Independent Validator PH		

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Authored By: (b)(6) Doc Custodian: Fuels Department Approved By: LCDR (b)(6) Date Approved: 08/30/2022	<b>DFSP Pearl Harbor Recurring</b> <b>Operations Order</b> RH [redacted] Unpacking to [redacted] via [redacted]	Doc #: U007 Rev No. 1  <b>[redacted] Operations Order</b>  Effective Date: 08/30/2022
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**SECTION 2 – PRE-BRIEF**

**DATE TIME INITIALS**

- \_\_\_/\_\_\_/\_\_\_ 20. **SoW:** Confirm Phase 3, Drain Down Operations Order has been completed and operating conditions are acceptable to proceed.
- \_\_\_/\_\_\_/\_\_\_ 30. **WS/WL:** Confirm and assign required personnel needed for this Operations Order.
- \_\_\_/\_\_\_/\_\_\_ 40. **CRO:** Verify following AFHE readings:
- Valve baseline matches current AFHE configuration
  - SDS and ICP all on-hand and updated
  - Ullage in receiving tank [redacted] is greater than (b) (3) (A) [redacted] for transfer.

Asset Location	Start Level (Ft/In)	Start Ullage (Gal)	CRO Initials	Assistant CRO Initials	Time
[redacted]					

HCK Tank	High Op Limit Level (Ft/In)	High Op Limit Level (Gal)
[redacted]	[redacted]	[redacted]

**NOTE:** If there is a discrepancy from the AFHE to the last manual gauge that is +/- 3/16", inform Fuel Operations Supervisor before proceeding.

- \_\_\_/\_\_\_/\_\_\_ 50. [redacted] **WS:** Have the following required paperwork on hand:
- Operation Order
  - C700 Operations Notification Flow Chart

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Authored By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH (b)(6) Unpacking to (b)(6) via (b)(6)</b>	Doc #: U007 Rev No. 1
Doc Custodian: Fuels Department		<b>(b)(6) Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

### SECTION 3 – WATCH TEAM BRIEF

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 60.      **SoW:** Lead the brief in the (b)(6) Meeting Room to include:

- Operational Expectations
- Operational Priorities
- Integrated Contingency Plan (ICP), Date August 2018

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 70.      **SoW:** Step through operations order and address any questions.

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

Authorized By: (b)(6)	<b>DFSP Pearl Harbor Recurring</b> <b>Operations Order</b> <b>RH (b)(6) Unpacking to (b)(6) via (b)(6)</b>	Doc #: U007 Rev No. 1
Doc Custodian: Fuels Department		<b>(b)(6) Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

## SECTION 4 - VALVE ALIGNMENT

### DATE TIME INITIALS

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 80. **All Assigned Personnel:** Report to their designated zones and conduct radio communications check with CRO.

Zone Assignment	Personnel Assignments	Report Time
Control Room	SoW	
Control Room	CRO	
Control Room	Assistant CRO	
(b)(3) and (b)(3)	Work Supervisor (b)(6)	
RH TK (b)(6) HPV	Work Lead RH	
(b)(3) and (b)(3)	Work Lead PH	
(b)(3) and (b)(3)	(b)(6) Operator	
(b)(3) and (b)(3)	Assistant (b)(6) Operator	
Zone 1	Rover #1 Lower Tank Gallery	
Zone 2	Rover #2 RH TK (b)(6) HPV	
Zone 3	Rover #3 (b)(3) (b)(3)	
Zone 4	Rover #4 (b)(3) (b)(3) (b)(3) (b)(3)	
Zone 5	Rover #5 (b)(3) (b)(3)	
Zone 6	Rover #6 (b)(3)	
Zone 7	Rover #7 (b)(3)	
Zone 8	Rover #8 (b)(3)	
Zone 9	Rover #9 TK (b)(6)	
RH TK (b)(6) HPV	Independent Validator RH	
(b)(3)	Independent Validator PH	
(b)(3)	Independent Validator PH	

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 90. (b)(6) **WS:** Complete the following procedures and report to the **CRO:**

- Inspect the (b)(6) IAW FLC Fuel Form 703-15 and report any damage or discrepancies to the Work Supervisor/Work Leader
- Verify the amount of product in the (b)(6)
  - If any product is in (b)(6) Empty into FORFAC Pit
- Departure Time of the TLR to (b)(3) \_\_\_\_\_
- Arrival Time of the (b)(3) \_\_\_\_\_
- Chock Wheels

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Authorized By: (b)(6)	<b>DFSP Pearl Harbor Recurring Operations Order</b>  RH [redacted] Unpacking to [redacted] via [redacted]	Doc #: U007 Rev No. 1
Doc Custodian: Fuels Department		<b>[redacted] Operations Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

- \_\_\_ / \_\_\_ / \_\_\_ 100. **RH WL:** Ensure pressure at the HPV is maintained between [redacted] psi on the compound gauge throughout the operation.
- \_\_\_ / \_\_\_ / \_\_\_ 110. **CRO:** Request RH WL to **OPEN** (b)(3).
- \_\_\_ / \_\_\_ / \_\_\_ 120. **CRO:** Request RH WL to **OPEN** (b)(3).
- \_\_\_ / \_\_\_ / \_\_\_ 130. **CRO:** Use the table below to sequentially **OPEN** and validate the valves using the “point and call” system.
- \_\_\_ / \_\_\_ / \_\_\_ 140. **Rov/IV:** Validate valve alignment in the field and report valve position per **CRO** point and call request.

Sequential Number	Valves Verified <b>OPEN</b>	Location	CRO Initials	Assistant CRO Initials	Time
1	<b>(b)(3)</b>				/
2					/
3					/
4					/
5					/
6					/
7					/
8					/
9					/
10					/
11					/

(\*) Denotes manual valves

- \_\_\_ / \_\_\_ / \_\_\_ 150. **CRO:** Use the table below to sequentially **OPEN** and validate the valves using the “point and call” system.
- \_\_\_ / \_\_\_ / \_\_\_ 160. **Rov/IV:** shall sequentially **OPEN** and validate valve alignment in the field and report valve position to **CRO**.

Sequential Number	Valves Verified <b>OPEN</b>	Location	CRO Initials	Assistant CRO Initials	Time
1	<b>(b)(3)</b>				/
2					/
3					/
4					/
5					/
6					/
7					/

(\*) Denotes manual valves

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Authorized By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b>  <b><u>Operations Order</u></b>  <b>RH (b)(6) Unpacking to (b)(6) via (b)(6)</b>	Doc #: U007 Rev No. 1
Doc Custodian: Fuels Department		(b)(6) <b>Operations Order</b>
Approved By: LCDR (b)(6)		
Date Approved: 08/30/2022		Effective Date: 08/30/2022

**SECTION 5 – (b)(6) CYCLE**

\_\_\_\_/\_\_\_\_/\_\_\_\_ 170. (b)(6) **WS: (If utilizing internal (b)(6) (b)(6))** Complete the following procedures and report to the **CRO:**

- Connect grounding cable to grounding connection at (b)(3) (b)(3)
- Connect suction hose to (b)(3) (b)(3) and verify is properly secured
- Connect drain hose to (b)(3) (b)(3) and verify is properly secured

\_\_\_\_/\_\_\_\_/\_\_\_\_ 180. **CRO:** Request permission to start the (b)(6) (b)(6) Drain Down operation:

- CRO to SoW**
- SoW to Fuels Director**
- Fuels Director to Commanding Officer**

\_\_\_\_/\_\_\_\_/\_\_\_\_ 190. (b)(6) **WS:** Shall ensure that the (b)(6) Breaker located at the TLR, the (b)(3) pump switch is **“TURNED ON”**.

\_\_\_\_/\_\_\_\_/\_\_\_\_ 200. **CRO:** Begin the **“Receiving”** Evolution on AFHE System to TK (b)(6)

\_\_\_\_/\_\_\_\_/\_\_\_\_ 210. (b)(6) **WS:** (b)(6) Fill Cycle – Complete and report to CRO:

- Align truck for suction
- OPEN** (b)(3) (b)(3)
- Start suction - Monitor Pressures and truck level – stop when full
- CLOSE** (b)(3) (b)(3)

\_\_\_\_/\_\_\_\_/\_\_\_\_ 220. (b)(6) **WS:** (b)(6) Empty Cycle - Complete and report to CRO:

- Align (b)(6) to Discharge
- For the first cycle, take a sample of the (b)(6) contents
- OPEN** (b)(3) (b)(3)
- START** (b)(3) – local switch - Monitor Pressures and truck level – stop pump when truck is empty
- CLOSE** (b)(3) (b)(3)

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Authored By: (b)(6)	<b>DFSP Pearl Harbor Recurring Operations Order</b> <b>RH [REDACTED] Unpacking to [REDACTED] via [REDACTED]</b>	Doc #: U007 Rev No. 1
Doc Custodian: Fuels Department		<b>[REDACTED] Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

\_\_\_ / \_\_\_ / \_\_\_ 230. CRO: Record tank [REDACTED] level.  
 \_\_\_ / \_\_\_ / \_\_\_ 240. Restart [REDACTED] Cycle at step 210.

**NOTE:** This process will continue until required amount has been removed from [REDACTED] pipeline.

Continue [REDACTED] cycling until (b) (3) (A) [REDACTED] has been removed.

[REDACTED] Cycle	Tank Level	Amount(gal)	Running Total	Time
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
12				
13				
14				
15				

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

Authorized By: (b)(6)	<b>DFSP Pearl Harbor Recurring</b> <b>Operations Order</b> <b>RH [redacted] Unpacking to [redacted] via [redacted]</b>	Doc #: U007 Rev No. 1
Doc Custodian: Fuels Department		<b>[redacted] Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

**SECTION 6 – RETURN TO BASELINE**

**DATE TIME INITIALS**

\_\_\_ / \_\_\_ / \_\_\_ 250. **CRO:** Use the table below to sequentially **CLOSE** and validate the valves using the “point and call” system.

\_\_\_ / \_\_\_ / \_\_\_ 260. **Rov/IV:** Sequentially **CLOSE** and validate valve alignment in the field and report valve position to CRO.

Sequential Number	Valves Verified <b>CLOSE</b>	Location	CRO Initials	Assistant CRO Initials	Time
1	<b>(b)(3)</b>				/
2					/
3					/
4					/
5					/
6					/
7					/
8					/
9					/
10					/
11					/
12					/
13					/
14					/
(*) Denotes manual valves					

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

Authorized By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH (b)(6) Unpacking to (b)(6) via (b)(6)</b>	Doc #: U007 Rev No. 1
Doc Custodian: Fuels Department		(b)(6) <b>Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

\_\_\_\_/\_\_\_\_/\_\_\_\_ 270. **All assigned personnel:** Report condition of zone to **CRO**.

Zone Assignment	Personnel Assignments	Report Time	Status (Notes)
Control Room	SoW		
Control Room	CRO		
Control Room	Assistant CRO		
(b)(3) and (b)(3)	Work Supervisor (b)(6)		
RH TK (b)(6) HPV	Work Lead RH		
(b)(3) and (b)(3)	Work Lead PH		
(b)(3) and (b)(3)	(b)(6) Operator		
(b)(3) and (b)(3)	Assistant (b)(6) Operator		
Zone 1	Rover #1 Lower Tank Gallery		
Zone 2	Rover #2 RH TK (b)(6) HPV		
Zone 3	Rover #3 (b)(3) (b)(3)		
Zone 4	Rover #4 (b)(3) (b)(3) (b)(3)		
Zone 5	Rover #5 (b)(3) (b)(3) (b)(6)		
Zone 6	Rover #6 (b)(3)		
Zone 7	Rover #7 (b)(3)		
Zone 8	Rover #8 (b)(3)		
Zone 9	Rover #9 TK (b)(6)		
RH TK (b)(6) HPV	Independent Validator RH		
(b)(3)	Independent Validator PH		
(b)(3)	Independent Validator PH		

\_\_\_\_/\_\_\_\_/\_\_\_\_ 280. **RH WL:** Report the following procedures have been completed and report to **CRO:**

- (b)(3) **CLOSE**
- (b)(3) **CLOSE**

\_\_\_\_/\_\_\_\_/\_\_\_\_ 290. **CRO:** Ensure the following procedures are completed and announce when complete:

- (b)(6) path utilized is back to baseline configuration
- “Receiving”** Evolution has ended on AFHE System

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.

Authored By: (b)(6) Doc Custodian: Fuels Department Approved By: LCDR (b)(6) Date Approved: 08/30/2022	<b>DFSP Pearl Harbor Recurring</b> <b>Operations Order</b> <b>RH [redacted] Unpacking to [redacted] via [redacted]</b>	Doc #: U007 Rev No. 1  <b>[redacted] Operations Order</b>  Effective Date: 08/30/2022
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**SECTION 7 – CLOSEOUT**

**DATE TIME INITIALS**

\_\_\_\_/\_\_\_\_/\_\_\_\_ 310. [redacted] **WS:** Complete the following procedures and report to the **CRO:**

- All equipment is stowed away
- [redacted] has returned and secured at [redacted]

\_\_\_\_/\_\_\_\_/\_\_\_\_ 320. **Row:** Manually gauge receiving tank ~ one (1) hour after the final secure time of the [redacted] operation and record final tank level.

Receiving Tank	Finish Level (Ft/In)	Finish Level (Gal)	CRO Initials	Assistant CRO Initials	Time
TK [redacted]					

\_\_\_\_/\_\_\_\_/\_\_\_\_ 330. **CRO:** Finalize the following documents are completed and turned in at the main building [redacted] at the end of the day:

- FLC Fuel Form 703-18, Transfer Record
- FLC Fuel Form 703-22, Tank Inventory Control Daily Levels

\_\_\_\_/\_\_\_\_/\_\_\_\_ 340. **SoW:** verify the following the follow procedures have been completed:

- All procedures completed IAW OPORD
- Documentation is completed
- All information/signature blocks on operation order are filled in

\_\_\_\_/\_\_\_\_/\_\_\_\_ 350. **SoW:** Notify operational personnel the operation is complete.

\_\_\_\_/\_\_\_\_/\_\_\_\_ 360. **SoW:** Notify the Fuels Director the operation is complete.

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Authored By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH (b)(6) Unpacking to (b)(6) via (b)(6)</b>	Doc #: U007 Rev No. 1
Doc Custodian: Fuels Department		(b)(6) <b>Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

**OPERATIONS ORDER CLOSEOUT**

Select the appropriate statement below:

Statement or Order	CRO Initial
This order was executed as written without any changes.	
This order was executed with changes as marked and approved on the order.	

**NOTE:** If the order required approved modification, the CRO to sign, date and forward for final approval and archiving.

**NOTE:** The Supervisory Distributive Facilities Specialist (SDFS) will pick all Operations Orders up at the end of the day at the Control Room.

\_\_\_\_\_ CRO \_\_\_\_\_ Date

- The CRO to forward this procedure to the Supervisory Distributive Facilities Specialist.

\_\_\_\_\_ Supervisory Distributive Facilities Specialist (SDFS) \_\_\_\_\_ Date

- The SDFS to forward this order to the Deputy Director of Fuels.

\_\_\_\_\_ Deputy Director of Fuels \_\_\_\_\_ Date

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order.


Authored By: (b)(6)	<b><u>DFSP Pearl Harbor Recurring</u></b> <b><u>Operations Order</u></b> <b>RH (b)(6) Unpacking to (b)(6) via (b)(6)</b>	Doc #: U007 Rev No. 1
Doc Custodian: Fuels Department		(b)(6) <b>Operations Order</b>
Approved By: LCDR (b)(6)		Effective Date: 08/30/2022
Date Approved: 08/30/2022		

**REVISION HISTORY**

Revision Number	Description of Change	Technical Basis	Requested By	Approved By	Revision Date	Effective Date

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	<b>JBPHH Fleet Logistics Center</b>	Document No:	U007A
	<b>Operations Order [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	1 of 8


Reviewed By: (b)(6) – (b)(4) Engineer

Reviewed By: (b)(6) – Operations Supervisor

Reviewed By: (b)(6) – Fuels Operations Director

Approved By: LCDR (b)(6) – Deputy Fuels Director

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	<b>JBPHH Fleet Logistics Center</b>	Document No:	U007A
	<b>Operations Order [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	2 of 8

EVOLUTION START DATE: \_\_\_\_\_

CONTROL ROOM INITIALS (MASTER COPY): \_\_\_\_\_

FIELD COPY INITIALS: \_\_\_\_\_

**EVOLUTION ORDER**

- DFSP JBPHH conducts [REDACTED] unpacking operations from Red Hill to Pearl Harbor to provide drain down of the [REDACTED] Pipeline from [REDACTED] (b)(3) Area to [REDACTED] (b)(3) with a fuel estimation of [REDACTED] (b) (3) (A) gallons

**NOTE:** This Operations Order will provide the information to safely perform the following Operations Order

**BASELINE – VALVE ALIGNMENT VERIFICATION**

**DATE TIME INITIALS**

\_\_\_\_ / \_\_\_\_ / \_\_\_\_ 10. A terminal valve verification must be conducted prior to execution of any operation by following the procedures

- CRO** validates motor operated valves (MOVs)
  - Comparison by AFHE in the baseline position to current position, by writing in the “current position” of the valve with the time of validation
- Rover** validates manual valves
  - Comparison by in the field verification of the baseline position to current position, by writing in the “current position” of the valve with the time of validation

**NOTE:** Validation of valves will be verified by comparing baseline position to current position, while conducting valve validation inspection, if a valve is **NOT** in the **BASELINE** position, inform **CRO** immediately and bring to attention of **SoW** in morning briefing

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**JBPHH Fleet Logistics Center**

**Operations Order [REDACTED] Pipeline Drain  
Down Baseline OPORD  
(Date OCT22)**

Document No: U007A

Revision No: 1.0

Page No: 3 of 8

[REDACTED] Valve Baseline via [REDACTED] RH to TK [REDACTED]					
Sequential Number	Valves Verified	Location	Baseline Position	Current Position	Time
1	(b)(3)		NORMALLY CLOSED		
2			NORMALLY CLOSED		
3			NORMALLY CLOSED		
4			NORMALLY CLOSED		
5			NORMALLY CLOSED		
6			NORMALLY CLOSED		
7			NORMALLY OPEN		
8			NORMALLY OPEN		
9			NORMALLY OPEN		
10			NORMALLY OPEN		
11			NORMALLY OPEN		
12			NORMALLY CLOSED		
13			NORMALLY CLOSED		
14			NORMALLY CLOSED		
15			NORMALLY CLOSED		
16			NORMALLY OPEN		
17			NORMALLY CLOSED		
18			NORMALLY OPEN		
19			NORMALLY CLOSED		
20			NORMALLY CLOSED		
21			NORMALLY CLOSED		

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**JBPHH Fleet Logistics Center**

**Operations Order Pipeline Drain  
Down Baseline OPORD  
(Date OCT22)**

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22	(b)(3)	NORMALLY CLOSED		
23		NORMALLY CLOSED		
24		NORMALLY CLOSED		
25		NORMALLY CLOSED		
26		NORMALLY CLOSED		
27		NORMALLY CLOSED		
28		NORMALLY CLOSED		
29		NORMALLY CLOSED		
30		NORMALLY CLOSED		
31		NORMALLY CLOSED		
32		NORMALLY OPEN		
33		NORMALLY CLOSED		
34		NORMALLY CLOSED		
35		NORMALLY CLOSED		
36		NORMALLY CLOSED		
37		NORMALLY OPEN		
38		NORMALLY CLOSED		
39		NORMALLY CLOSED		
40		NORMALLY CLOSED		
41		NORMALLY CLOSED		
42		NORMALLY CLOSED		
43		NORMALLY CLOSED		
44		NORMALLY OPEN		
45		NORMALLY CLOSED		

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(\*) – Denotes Manual Valve

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\_\_\_\_/\_\_\_\_/\_\_\_\_ 20. After completion of the Baseline Operations Order (OPORD):

- CRO and Rover:** Print, sign and date at the bottom of the OPORD validates motor operated valves (MOVs)
- CRO:** Ensure Baseline OPORD is provide to SoW for validation at the Watch Team Brief

**Validation Baseline Inspection Completed by:**

\_\_\_\_\_ **Rover #1** (Print, Sign, Date)

\_\_\_\_\_ **CRO** (Print, Sign, Date)


\_\_\_\_/\_\_\_\_/\_\_\_\_ 30. **SoW:** Validate Baseline configuration OPORD and verify terminal is ready to conduct fueling operation

\_\_\_\_\_ **SoW** (Print, Sign, Date)

**NOTE:** If the Operations Order was completed with NO issues and NO changes, file should be placed in the completed Operations Order box.

**NOTE:** If the Operations Order was completed WITH issues or WITH changes, ensure the appropriate process was followed and signed off on for the change or issue. File this modified copy in the Operations Order modified box

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	<b>JBPHH Fleet Logistics Center</b>	Document No:	U007A
	<b>Operations Order [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	7 of 8

**Operations Order Closeout:**

Select the appropriate statement below

Statement or Order	CRO Initial
This order was executed as written without any changes.	
This order was executed with changes as marked and approved on the order	

**NOTE:** If the order required approved modification, the CRO to sign, date and forward for final approval and archiving.

**NOTE:** The Supervisory Distributive Facilities Specialist (SDFS) will pick all Operations Orders up at the end of the day at the Control Room.

\_\_\_\_\_ CRO \_\_\_\_\_ Date


- The CRO to forward this procedure to the Supervisory Distributive Facilities Specialist

\_\_\_\_\_ Supervisory Distribution Facilities Specialist (SDFS) \_\_\_\_\_ Date

- The SDFS to forward this order to the Deputy Director of Fuels

\_\_\_\_\_ Deputy Director of Fuels \_\_\_\_\_ Date

ATTENTION: Once printed for field use, the document becomes a NON-CONTROL COPY. The user of this document must ensure the current approved version of the document is being used and all field copies returned to the CRO at the end of the order..

	<b>JBPHH Fleet Logistics Center</b>	Document No:	U007A
	<b>Operations Order [REDACTED] Pipeline Drain Down Baseline OPORD (Date OCT22)</b>	Revision No:	1.0
		Page No:	8 of 8

**REVISION HISTORY**

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(b)(3)



(b)(3)





(b)(3)

