Ship/HULL NO.	Ship/HULL NAME	JON:	ICN:	Rev:	Key Op:
FAS-34	COMFLEACT SASEBO OPS		N6105826PRPR934		A01

TITLE:

25UB1308 Boat (FAS-34); repair/preserve

JOB SPECIFICATION

Anticipated Award Date: 08/01/2026	**Production Completion Date:** 11/30/2026	PREPARING ACTIVITY: SASEBO
POP Start Date: 09/01/2026	**POP End Date:** 12/15/2026	

PREPARED BY: T.SATO	CODE H_ST	DATE 3/29/2024
APPROVED BY: S.MURAKAMI	CODE S225	
CONCURRED BY: S.MOROOKA	CODE S231	
ASSIST PLANNER'S NAME: D.AKAMINE	CODE E_AK	
ASSIST PLANNER'S NAME:	CODE	
ASSIST PLANNER'S NAME:	CODE	

DESCRIPTION:

JSN(S): 2024OPS009 **CASREP #** .

S/F CONTACT: M.KAWABATA / MMC TRAN, AN.T **CWP #** **CCNS #** .

Approved by S300/S900 KAWABATA.MASASHIGE.1620613173 Digitally signed by KAWABATA.MASASHIGE.1620613173 Date: 2026.06.09 14:38:21 +09'00' **Date:** 06/09/2026 **Avl:** FY24 .

LWC: .

Work Completed

S/Force: **Rate:** **Date:** .

Ship Supt: **Date:** **SRF CONTROL NO.:** .

WORK CERTIFICATION SIGNATURES

COMPLETION OF WORK REVIEW:	BADGE NO.:	SHOP/CODE:	PHONE:	DATE:

1. **SCOPE:**

1.1 Title: 25UB1308 Boat (FAS-34); repair/preserve

1.2 Location of Work:

1.2.1 Contractor's yard

1.3 Identification: Quantity (One), 25UB1308 Utility Boat, Principal Dimension as Follows

Manufacturer	; METAL SHARK, LLC.
Length Over All	; 27 Feet - 5 Inch
Beam with RUB Rail	; 8 Feet - 6 Inch
Height	; 9 Feet - 9 Inch
Light Ship Weight	; 5,537 Pound
Installed Power	; 230 HP

1.3.1 A Total of (4 SF) of Bow Plate, 3/16 Inch Thickness Aluminum Alloy

1.3.2 Quantity (One AY), AFT Curtain (Size: 48 Inch Width by 78 Inch Height) for Cabin Access

1.3.3 Quantity (One EA), Seat in Front of Cabin

1.3.4 A Total of (55 LF) of Rubber Fender (4-1/2 Inch Height) on Hull

1.3.5 Quantity (2 EA), Windshield Wiper and Motor, P/N: 539324 and 30991

1.3.6 Quantity (One EA), Zinc Anode on Transom

1.3.7 A Total of (580 SF) of Preservation Area of Aluminum Alloy Boat for Underwater Hull, Freeboard, Cabin, Bulwark, Main Deck, Engine Guard, Tow Post Safety Screen and Deck Fitting

1.3.8 A Total of (220 SF) of Preservation Area of Aluminum Alloy Boat for Structure Member, Main Deck, Bulwark, Transom and Step for Nonskid (Peel and Stick) Deck Covering

1.3.9 A Total of (170 SF) of Nonskid (Peel and Stick) Deck Covering on Main Deck, Top of Bulwark, Top of Generator/Engine Starting Battery Compartment and Step

2. **REFERENCES:**

2.1 Standard Items (FY26)

2.2 25C-100-001, General Arrangement Outboard Profile

2.3 25C-100-002, Hull Lines

2.4 25C-100-003, Hull Structure

2.5 25C-150-001, Console

2.6 25C-170-001, Doors and Hatches

2.7 25C-180-001, Engine Guard

2.8 25C-200-001, Propulsion Equipment

2.9 25C-560-001, Steering System

2.10 25C-580-001, AFT Tow Post

2.11 25C-580-002, AFT Tow Post Safety Screen

2.12 25C-600-001, Dive Door

2.13 25C-610-001, Hoisting Fittings

2.14 25C-630-001, Cleats and Handrails

2.15 25C-300-001, DC Electrical Schematic

2.16 25C-300-002, DC Electrical Components

2.17 25C-400-001, Dash Arrangement

2.18 803-0921865, Cathodic Protection, Hull Zinc Protection

2.19 MIL-STD-2003B, Electric Plant Installation Standard Methods for Surface Ships and Submarines

2.20 MIL-STD-1310H(NAVY), Shipboard Bonding, Grounding, and Other Techniques for Electromagnetic Compatibility, Electromagnetic Pulse (EMP) Mitigation, and Safety

2.21 0900-LP-060-4010 Chg-2, Fabrication, Welding and Inspection of Metal Boat and Craft Hulls

3. **REQUIREMENTS:**

3.1 Hoist and set the boat listed in 1.3 on the blocks (either in land or a barge) in contractor's yard to accomplish repair and preservation work.

3.1.1 Immediately after the boat has been set on the blocks, remove marine growth and clean entire underwater hull using fresh water.

3.1.2 Bounce the boat necessary to preserve the underwater hull.

3.1.3 Remove each existing zinc anode listed in 1.3.6 for preservation work, using ENCLOSURE (A) for guidance.

3.1.4 Disconnect mechanically and remove each electrical cable from foundation and cable hanger to facilitate preservation work and install the same upon completion of preservation work.

3.1.5 Upon completion of repair and preservation work, and after approval of CFAS PORT OPERATION, lower or return the boat onto water.

3.2 Remove each damaged section, fabricate and install each new plate listed in 1.3.1 out of new 0.1875 inch thick aluminum alloy plate AL5086 H116 conforming to ASTM B928, using 2.2 through 2.4 for guidance.

(I) "VISUAL"

3.2.1 Accomplish the requirements of 2.21 including Sections 6 through 8 for welding and visual (VT) inspection using 5X magnifying glass.

(I)(G) "PT"

3.2.1.1 Accomplish liquid penetrant (PT) inspection in accordance with Sections 6 through 8 of 2.21. **-S130** (See NOTE 4.2)

3.3 Accomplish the requirements for repair of miscellaneous equipment of the boat listed in 1.3 as follows, using 2.2 through 2.14 and ENCLOSURE (A) for guidance.

3.3.1 Remove each existing, template from existing, fabricate and install new curtain listed in 1.3.2 out of each new marine fabric or Equal with each new fastener.

3.3.2 Remove each existing and re-upholster seat listed in 1.3.3 out of new artificial leather conforming to A-A-59517 Class One or Equal with cushion.

3.3.3 Remove each existing, fabricate and install new rubber fender listed in 1.3.4 out of new rubber sheet conforming to MIL-PRF-900 with each new fastener and existing retainer plate.

3.3.3.1 Clean each existing surface of retainer plate.

3.3.4 Remove each existing and install new windshield wiper and motor listed in 1.3.5, using 2.15 through 2.17 for guidance.

3.3.4.1 Adjust and align each arm and blade of each new windshield wiper.

3.3.4.2 Connect and verify connections.

3.3.4.3 Cable installation, penetration, connection, cable tag, wire marking and cable way must be in accordance with 2.19. Install channel rubber between electrical cable surfaces and banding straps. The channel rubber must conform to MIL-PRF-6855, Class 2, Grade 60.

3.3.4.4 Bonding and grounding must be in accordance with 2.20.

3.4 Accomplish the requirements of **009-32** of 2.1, including Table One, Line 13, Columns A (SSPC-SP 17), B and E (Finish Color: Black) for underwater hull, Table 2 Line 53, Columns A (SSPC-SP-17), B and G for each surface area listed in 1.3.7, using manufacture's instruction for guidance. An aluminum oxide abrasive blast media must not be used. **-S130** (See NOTE 4.3)

3.4.1 Power tool clean each narrow area to SSPC-SP-11 where blast nozzle cannot reach.

3.4.1.1 Power tool clean each narrow area to SSPC-SP-3 where power tool in 3.4.1 cannot reach.

3.4.1.2 Hand tool clean each narrow area to SSPC-SP-2 where power tool in 3.4.1.1 cannot reach.

3.4.2 Each boat number must be same as original.

3.5 Accomplish the requirements of **009-32** of 2.1, including Table 2, One system out of Line 61 or 62, Columns A (SSPC-SP-17), B and E (Haze Gray) for each surface area listed in listed in 1.3.8 and 1.3.9, using manufacture instruction for guidance. An aluminum oxide abrasive blast media must not be used. **-S130** (See NOTE 4.4)

3.5.1 Power tool clean each narrow area to SSPC-SP-11 where blast nozzle cannot reach.

3.5.1.1 Power tool clean each narrow area to SSPC-SP-3 where power tool in 3.5.1 cannot reach.

3.5.1.2 Hand tool clean each narrow area to SSPC-SP-2 where power tool in 3.5.1.1 cannot reach.

3.5.2 Accomplish the requirements of **009-26** of 2.1, including ATTACHMENT G for new nonskid (peel and stick) deck covering.

3.6 Install each new zinc anode listed in 1.3.6 with new fastener, using 2.18 and ENCLOSURE (A) for guidance.

3.6.1 Zinc anode must not be painted.

3.7 Accomplish the requirements of **009-32** of 2.1 for cleaning and preservation of each new and disturbed surface to match surrounding areas.

(V) (G) "OPERATIONAL TEST"

3.8 Accomplish an operational test of each new windshield wiper and motor listed in 1.3.5 to verify correct operation, using 2.15 for guidance. **-CFAS OPS, S130** (See NOTE 4.5)

(V) (G) "FINAL INSPECTION"

3.9 Accomplish a visual inspection of the boat listed in 1.3.1 to ensure completion of this work including surface cleanliness. **-CFAS OPS, S130** (See NOTE 4.5)

4. NOTES:

4.1 Initial Condition - Require repair and preservation for 25UB1308 utility boat (FAS-34) at CFAS Port Operation.

4.2 S130 will witness "PT INSPECTION" of 3.2.1.1 as (I)(G) check point.

4.3 S130 will witness "CLEANLINESS", "SURFACE PROFILE", "CONDUCTIVITY MEASUREMENT", "SURFACE PREPARATION" and "COATING INSPECTION FOR EACH COAT" of **009-32** as (I)(G) check point for 3.4 of this work item. The other inspection will be complied with **009-32.**

4.4 S130 will witness "CLEANLINESS", "SURFACE PROFILE", CONDUCTIVITY MEASUREMENT", "SURFACE PREPARATION" and "COATING INSPECTION FOR EACH COAT" of **009-32,** and "VISUAL INSPECTION" 3.9.15 of **009-26** as (I)(G) check point for 3.5 of this work item. The other inspection will be complied with **009-32.**

4.5 S130 will witness "OPERATIONAL TEST" of 3.8 and "FINAL INSPECTION" of 3.9 as (V)(G) check point.

4.6 CFAS PORT OPERATION will deliver the utility boat to contractor's yard located within SASEBO BAY (limit to Sasebo Harbor Limit) and will pick it up upon completion.

4.7 CFAS PORT OPERATION will remove each engine from the boat and install them.

4.8 SQ.FT. is approximate. Offer is responsible to determine actual SQ.FT for preservation work.

4.9 The contractor will dispose of all industrial waste generated by this job in accordance with Japanese Law Relative to Disposal and Cleaning of Waste. All paperwork associated with disposal must be provided to CFAS PORT OPERATION.

4.10 If you have any further questions on this repair and preservation work, contact M.Kawabata or MMC Tran (CFAS PORT OPERATION, DNS:252-2364)

4.10.1 Each drawing listed in this work item will be provided by CFAS PORT OPERATION.

4.11 0900-LP-060-4010 in 2.21 may be used when the requirement calls for the use of TO300-AU-SPN-010 under the Standard ELM-235061.

5. GOVERNMENT FURNISHED MATERIAL (GFM):

5.1 None.

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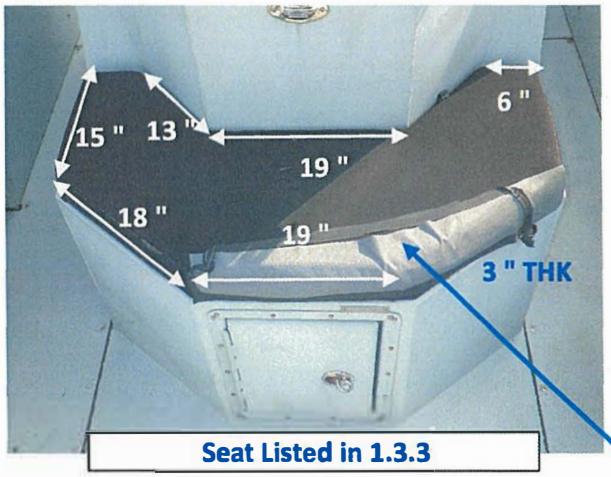
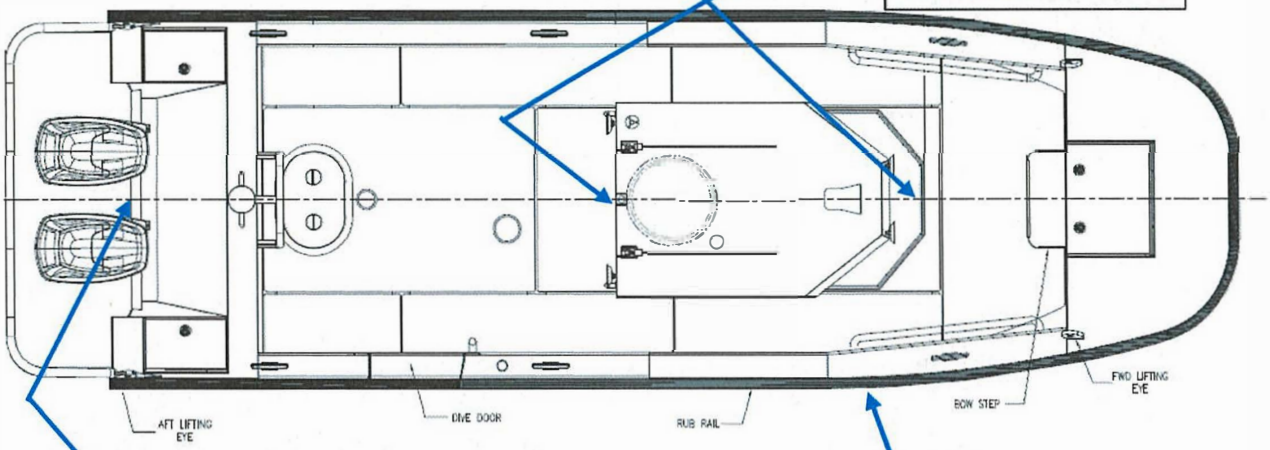
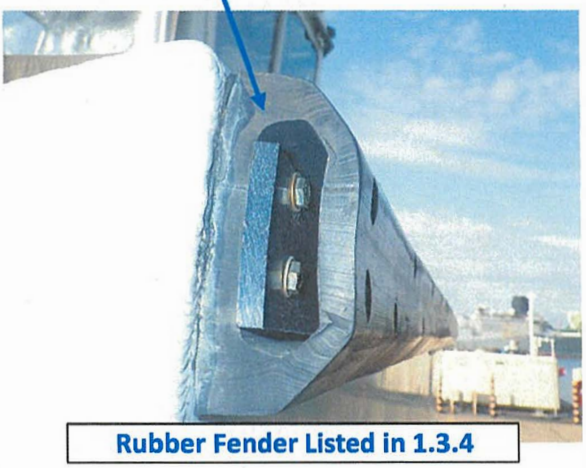


Seat Listed in 1.3.3

Curtain Listed in 1.3.2



Zinc Anode Listed in 1.3.6



Rubber Fender Listed in 1.3.4

ENCLOSURE (A) 1/1