Ship/HULL NO.	Ship/HULL NAME	JON:	ICN:	Rev:	Key Op:
YON-285	BARGE		89MVA15003		A01

TITLE:

SHIPALT YON-122D; accomplish

JOB SPECIFICATION

Anticipated Award Date:	Production Completion Date:	PREPARING ACTIVITY:
7/31/2026	02/02/2027	SASEBO
POP Start Date: 9/28/2026	**POP End Date:** 4/30/2027	

PREPARED BY: **Y.HAMABE**	CODE **H_HA**	DATE **1/29/2026**
APPROVED BY: **S.MURAKAMI**	CODE **S225**	
CONCURRED BY: **S.MOROOKA**	CODE **S231**	
ASSIST PLANNER'S NAME: **N.NAGATO**	CODE **H_NA**	
ASSIST PLANNER'S NAME: **S.NISHINO**	CODE **E_NI**	
ASSIST PLANNER'S NAME: **K.SAITO**	CODE **M_SK**	

PART-I Hull Work: Y. HAMABE (H_HA) ---------- Page 2 through 5
PART-II Hull Work: Y. HAMABE (H_HA) ---------- Page 6 through 21
PART-III Hull Work: N. NAGATO (H_NA) ---------- Page 22 through 30
PART-IV Electrical Work: S. NISHINO (E_NI) ---------- Page 31 through 35
PART-V Preservation Work: N. NAGATO (H_NA) ---------- Page 36 through 38

DESCRIPTION:

JSN(S): **CASREP #**

S/F CONTACT: **CWP #** **CCNS #**

Approved by S300/S900 T. ESCRITOR-YAMADA PM S320 **Date:** 2/2/2026 **Avl:** 6B1 ~~7B1~~

LWC:

Work Completed

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

Ship Supt: **Date:** **SRF CONTROL NO.:** 1301348511

WORK CERTIFICATION SIGNATURES

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

Ship/HULL NO.	Ship/HULL NAME	JON:	ICN:	Rev:	Key Op:
YON-285	BARGE		89MVA15003		A01

TITLE:

SHIPALT YON-122D, Bitt Upgrade; accomplish (Part-I Hull Work)

JOB SPECIFICATION

Anticipated Award Date:	Production Completion Date:	PREPARING ACTIVITY:
POP Start Date:	POP End Date:	SASEBO

PREPARED BY: Y.HAMABE	CODE H_HA	DATE 1/29/2026
APPROVED BY: S.MURAKAMI	CODE S225	
CONCURRED BY: S.MOROOKA	CODE S231	
ASSIST PLANNER'S NAME:	CODE	
ASSIST PLANNER'S NAME:	CODE	
ASSIST PLANNER'S NAME:	CODE	

DESCRIPTION:

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

S/F CONTACT: **CWP #** **CCNS #** .

Approved by S300/S900 T. ESCRITOR-YAMADA PM S320 **Date:** 2/2/2026 **Avl:** 6B1 ~~7B1~~ .

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:

2/38

Ship/HULL NO.	Ship/HULL NAME	JON:	ICN:	Rev:	Key Op:
YON-285	BARGE		89MVA15003		A01

TITLE:

SHIPALT YON-122D, Bitt Upgrade; accomplish (Part-I Hull Work)

1. **SCOPE:**

1.1 Title: SHIPALT YON-122D, Bitt Upgrade; accomplish (Part-I Hull Work)

1.2 Location of Work:

1.2.1 Main Deck, Frames 0 through 22

1.2.2 Void Number One

1.2.3 Cargo Void Number P1

1.2.4 Cargo Void Number S1

1.2.5 Cargo Void Number P2

1.2.6 Cargo Void Number S2

1.2.7 Cargo Void Number P3

1.2.8 Cargo Void Number S3

1.2.9 Cargo Void Number P4

1.2.10 Cargo Void Number S4

1.2.11 Void Number 4

1.2.12 Void Number 6

1.3 Identification:

1.3.1 Listed in 2.2 for Removal and Installation of Each Bitt, Located in 1.2.1

1.3.2 Quantity (10 EA), Bitt (Item No.1 of 2.2) to be preserved, Located in 1.2.1

2. **REFERENCES:**

2.1 Standard Items (FY26 ~~FY27~~)

2.2 582-8970256, S/A YON-0122D YON 285 Bitt Upgrade and Safe

3. **REQUIREMENTS:**

3.1 Accomplish the requirements of 2.2 for removal and installation of each bitt listed in 1.3.1 including each general note.

3.1.1 Accomplish the requirements of **009-12** of 2.1, including Table 4, Column A, Lines One through 7 for welding.

3.1.1.1 Accomplish nondestructive testing in accordance with Line 8, 10, or 11.

3.2 Accomplish the requirements of **009-32** of 2.1, including Table 2, One system out of Line One, 1A or 2, Columns A, B, C and G, or Line 3, Columns A, B and G for each area listed in 1.3.2.

3.2.1 Power tool clean each narrow area to SSPC-SP-11 where blast nozzle in 3.2 cannot reach.

3.2.1.1 Power tool clean each narrow area to SSPC-SP-3 where power tool in 3.2.1 cannot reach.

3.2.1.2 Hand tool clean each narrow area to SSPC-SP-2 where power tool in 3.2.1.1 cannot reach.

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

4. NOTES:

4.1 Initial Condition - YON-285 SHIPALTS 122D has not been completed.

4.2 The contractor is responsible to dispose all waste generated by this work item in accordance with Japanese Environmental Governing Standards (JEGS).

4.3 Dry docking and undocking will be covered by ICN 89MVA86301_A01.

4.4 Marine chemist inspection for entire area of YON-285 will be covered by ICN 89MVA11001_A01.

4.5 The cleaning work of each cargo void (S-1, P-1, S-2, P-2, S-3, P-3, S-4, and P-4) will be covered by ICN: 89MVA12301_A01.

4.6 The cleaning work of each void (Number One through Number 6) will be covered by ICN: 89MVA11001_A01.

4.7 Preservation work of underwater hull and freeboard will be covered by ICN 89MVA11001_A01.

4.8 Preservation work and nonskid deck covering work on main deck will be covered by ICN 89MVA15003_A01.

5. GOVERNMENT FURNISHED MATERIAL(GFM) :

5.1 See attached MATERIAL LIST.

Ship/HULL NO.	Ship/HULL NAME	JON:	ICN:	Rev:	Key Op:
YON-285	BARGE		89MVA15003		A01

TITLE:

SHIPALT YON-122D, Bitt Upgrade; accomplish (Part-I Hull Work)

MATERIAL LIST									
ITEM NO.	PC NO.	REF NO.	M/C	DESCRIPTION	STOCK NUMBER	HAZ MAT	DOC NO.	QTY REQD/ UNIT	QTY USED/ UNIT
501	1	2.2	M	BITT, 1/2" DIA,BITT,1/2" DIA, OSS, P/N ISO3913-S315C	9B 2040	9		10/EA	3.1
502	2	2.2	M	PLATE,METAL,PLATE,METAL, 15.3#, 3/8" THK, ASTM A36, OSS, 4 FT X 5 FT REQUIRED.	9B 9515	9		20/SF	3.1
503	3	2.2	M	FLAT BAR,FLAT BAR, 4" X 1/2" THK, ASTM A36, OSS	9B 9510	9		215/LF	3.1
504	4	2.2	M	FLAT BAR,FLAT BAR, 8" X 1/2" THK, ASTM A36, OSS	9B 9510	9		240/LF	3.1
505			M	ELECTROD,WELDING ROD, 7018M, SMAW, 1/8"DIA X 14"LG, 10LB/CN, MIL-E-22200/10, P/N: 255014110 CERTIFICATION IS NOT REQUIRED	9G 3439 SA4742863	9		10/CN	3.1
506			M	ELECTROD,WELDING ROD, 7018M, SMAW, 3/32"DIA X 14"LG, 10LB/CN, MIL-E-22200/10, P/N: 255014102 CERTIFICATION IS NOT REQUIRED.	9G 3439 SA4742861	9		10/CN	3.1
509			C	PLATE,METAL,3/8"THK 60"X20', ABS GR A	9B 9515 001533223	9		1/PM	
510			C	PLATE,ME,1/2"THK 60"X20', ABS GR A	9B 9515 001533236	9		1/PM	

Ship/HULL NO.	Ship/HULL NAME	JON:	ICN:	Rev:	Key Op:
YON-285	BARGE		89MVA15003		A01

TITLE:

SHIPALT YON-122D, Lifeline and Liferail System Installation; accomplish (Part-II Hull Work)

JOB SPECIFICATION

Anticipated Award Date:	Production Completion Date:	PREPARING ACTIVITY:
POP Start Date:	POP End Date:	SASEBO

PREPARED BY: Y.HAMABE	CODE H_HA	DATE 1/29/2026
APPROVED BY: S.MURAKAMI	CODE S225	
CONCURRED BY: S.MOROOKA	CODE S231	
ASSIST PLANNER'S NAME:	CODE	
ASSIST PLANNER'S NAME:	CODE	
ASSIST PLANNER'S NAME:	CODE	

DESCRIPTION:

JSN(S): CASREP #

S/F CONTACT: CWP # CCNS #

Approved by S300/S900 T. ESCRITOR-YAMADA PM S320 Date: 2/2/2026 Avl: ~~7B1~~ 6B1

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:

Ship/HULL NO.	Ship/HULL NAME	JON:	ICN:	Rev:	Key Op:
YON-285	BARGE		89MVA15003		A01

TITLE:

SHIPALT YON-122D, Lifeline and Liferail System Installation; accomplish (Part-II Hull Work)

1. **SCOPE:**

1.1 Title: SHIPALT YON-122D, Lifeline and Liferail System Installation; accomplish (Part-II Hull Work)

1.2 Location of Work:

1.2.1 Main Deck, Frames 0 through 22

1.2.2 Void Number One

1.2.3 Void Number 2

1.2.4 Void Number 3

1.2.5 Cargo Void Number P1

1.2.6 Cargo Void Number S1

1.2.7 Cargo Void Number P2

1.2.8 Cargo Void Number S2

1.2.9 Cargo Void Number P3

1.2.10 Cargo Void Number S3

1.2.11 Cargo Void Number P4

1.2.12 Cargo Void Number S4

1.2.13 Void Number 4

1.2.14 Void Number 5

1.2.15 Void Number 6

1.3 Identification:

1.3.1 Listed in 2.2 for Installation of Each New Lifeline and Liferail System, Located in 1.2.1

1.3.2 Quantity (One AY), Liferail and stanchion Assembly (Item No.1 through No.6 of 2.2) to be preserved, Located in 1.2.1

2. **REFERENCES:**

2.1 Standard Items (~~FY27~~ FY26)

2.2 612-8970257, S/A YON-0122D YON 285 Rails & Stanchion Installations Incidental Barge Conversion

2.3 T.P. File No.: 61211-2-100_26073, Lifeline / Liferail System - load Test

3. REQUIREMENTS:

3.1 Accomplish the requirements of 2.2 for installation of each new lifeline and liferail system listed in 1.3.1 including each general note.

3.1.1 Accomplish the requirements of **009-12** of 2.1, including Table 4, Column A, Lines One through 7 for welding.

(V) (G) "LOAD TEST"

3.1.2 Accomplish the requirements of 2.3 for load test of each lifeline and liferail system listed in 1.3.1. **-S246**

3.2 Accomplish the requirements of **009-32** of 2.1, including Table 2, One system out of Line One, 1A or 2, Columns A, B, C and G, or Line 3, Columns A, B and G for each area listed in 1.3.2.

3.2.1 Power tool clean each narrow area to SSPC-SP-11 where blast nozzle in 3.2 cannot reach.

3.2.1.1 Power tool clean each narrow area to SSPC-SP-3 where power tool in 3.2.1 cannot reach.

3.2.1.2 Hand tool clean each narrow area to SSPC-SP-2 where power tool in 3.2.1.1 cannot reach.

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

4. NOTES:

4.1 Initial Condition - YON-285 SHIPALTS 122D has not been completed.

4.2 The contractor is responsible to dispose all waste generated by this work item in accordance with Japanese Environmental Governing Standards (JEGS).

4.3 Dry docking and undocking will be covered by ICN 89MVA86301_A01.

4.4 Marine chemist inspection for entire area of YON-285 will be covered by ICN 89MVA11001_A01.

4.5 The cleaning work of each cargo void (S-1, P-1, S-2, P-2, S-3, P-3, S-4, and P-4) will be covered by ICN: 89MVA12301_A01.

4.6 The cleaning work of each void (Number One through Number 6) will be covered by ICN: 89MVA11001_A01.

4.7 Preservation work of underwater hull and freeboard will be covered by ICN 89MVA11001_A01.

4.8 Preservation work and nonskid deck covering work on main deck will be covered by ICN 89MVA15003_A01.

5. GOVERNMENT FURNISHED MATERIAL(GFM) :

5.1 See attached MATERIAL LIST.

MATERIAL LIST

ITEM NO.	PC NO.	REF NO.	M/C	DESCRIPTION	STOCK NUMBER	HAZ MAT	DOC NO.	QTY REQD/ UNIT	QTY USED/ UNIT
009	1	2.2	M	PLATE,METAL,PLATE, 10.2#	9B 9515 005962442	9	5237B103	1/PM	3.1
010	2	2.2	M	PLATE,METAL,PLATE, 20.4#	9B 9515 001533236	9	5237B104	1/PM	3.1
011	3	2.2	M	BAR,METAL,ROUND BAR, 3/8"	9B 9510 001881738	9	5237B105	56/FT	3.1
012	4	2.2	M	PIPE, SCHED 40, 2" ,CARBON PIPE A500B BARE 2" DIA X SCHED 40 24 PC TO 25 PC AT LEAST 20 FT PER PIECE OR GREATER	9B 4730	9		500/LF	3.1
013	5	2.2	M	PIPE SCHED 40,1-1/4" DIA X SCH40 A500B BARE 19 PC AT LEAST 20 FT PER PIECE OR GREATER	9B 4730	9		380/LF	3.1
014	6	2.2	M	PIPE, SCHED 40, 1" ,1" DIA X SCH40 A500B BARE 32 PC TO 33 PC AT LEAST 20 FT PER PIECE OR GREATER	9B 4730	9		660/LF	3.1
015	7	2.2	M	WIRE ROPE, 3/8" DIA,WIRE ROPE, 3/8" DIA 18-8 SS, 7 X 19, VINYL CTD, BLACK , 250FT LG	9B 4010 SA2505045	9	6013E500	1/EA	3.1
016	8	2.2	M	SNAPHOOK,MCMASTER P/N 3764T39	9B 5340 SA2505062	9	6013E501	29/EA	3.1
017	9	2.2	M	ANCHOR SHACKLE,ANCHOR SHACKLE P/N 35355T14	9B 4030 SA2505023	9	6013E502	58/EA	3.1
018	10	2.2	M	THIMBLE,THIMBLE P/N 3868T48	9B 4030 SA2505038	9	6013E503	58/EA	3.1
019	11	2.2	M	SWAGE FITTING,SWAGE FITTING P/N 3898T21	9B 5315 SA2505037	9	6013E504	58/EA	3.1
507			M	ELECTROD,WELDING ROD, 7018M, SMAW, 3/32"DIA X 14"LG, 10LB/CN, MIL-E-22200/10, P/N: 255014102 CERTIFICATION IS NOT REQUIRED.	9G 3439 SA4742861	9		25/CN	3.1

Ship/HULL NO.	Ship/HULL NAME	JON:	ICN:	Rev:	Key Op:
YON-285	BARGE		89MVA15003		A01

TITLE:

SHIPALT YON-122D, Lifeline and Liferail System Installation; accomplish (Part-II Hull Work)

MATERIAL LIST

ITEM NO.	PC NO.	REF NO.	M/C	DESCRIPTION	STOCK NUMBER	HAZ MAT	DOC NO.	QTY REQD/ UNIT	QTY USED/ UNIT
508			M	ELECTROD,WELDING ROD, 7018M, SMAW, 1/8"DIA X 14"LG, 10LB/CN, MIL-E-22200/10, P/N: 255014110 CERTIFICATION IS NOT REQUIRED	9G 3439 SA4742863	9		25/CN	3.1
032			C	BAR,META,ROUND BAR, 3/8"	9B 9510 001881738	9		16/FT	
033			C	BAR,META,ROUND BAR, 3/8"	9B 9510 001881738	9		16/FT	
034			C	BAR,META,ROUND BAR, 3/8"	9B 9510 001881738	9		16/FT	
035			C	PIPE, SCHED 40, 2" ,CARBON PIPE A500B BARE 2" DIA X SCHED 40 X 20 FT X 3PC	9B 4730	9		60/FT	
036			C	PIPE SCHED 40,1-1/4" DIA X SCH40 A500B BARE 2 PC AT LEAST 20 FT PER PIECE OR GREATER	9B 4730	9		40/LF	
037			C	PIPE, SCHED 40, 1" ,1" DIA X SCH40 A500B BARE 2 PC AT LEAST 20 FT PER PIECE OR GREATER	9B 4730	9		40/LF	

SHIP/HULL NO.: **BARGE / YON-285**	JON:	ICN:	Rev:	Key Op:	
T.P FILE NO.: **61211-2-100_26073**		**89MVA15003**	**00**	**A01**	Page 1 of 11

SHIP REPAIR FACILITY – JAPAN REGIONAL MAINTENANCE CENTER DET SASEBO
TEST PROCEDURE

TITLE:	JCN: N/A
LIFELINE / LIFERAIL SYSTEM – LOAD TEST	CWP: N/A

TEST PROCEDURE PREPARATION

PRINT NAME & SIGNATURE		PHONE	CODE	DATE
PREPARED BY	N. MATSUMOTO MATSUMOTO.NAOYA.1630608089 Digitally signed by MATSUMOTO.NAOYA.1630608089 Date: 2026.01.26 15:58:06 +09'00'	252-8053	S246F	26-Jan-2026
REVIEWED BY	S. IIDA IIDA.SHUNICHI.1274619127 Digitally signed by IIDA.SHUNICHI.1274619127 Date: 2026.01.26 16:11:44 +09'00'	252-8045	S246A	26-Jan-2026
APPROVED FOR ISSUE	B. YOSHIKAWA YOSHIKAWA.BRIAN.T.1282691449 Digitally signed by YOSHIKAWA.BRIAN.T.1282691449 Date: 2026.01.26 16:22:17 +09'00'	252-8049	S246CTE	26-Jan-2026

PROCEDURE COMPLETED

PRINT NAME & SIGNATURE	ORGANIZATION	BADGE/RANK	DATE
LWC			
S246	SRF-JRMC DET SASEBO		

CERTIFICATION REVIEW AND APPROVAL OF TEST RESULTS

PRINT NAME & SIGNATURE		PHONE	CODE	DATE
REVIEWED BY	(Test Certified Complete and Test Results Satisfactory) S. IIDA	252-8045	S246A	
TEST CODE	(Test Results Reviewed and Approved)		S246CTE	

COMMENTS:

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TEST PROCEDURE GENERAL NOTES

1. **TEST SEQUENCE:** Unless otherwise specified in the test document, this test procedure (TP) shall be completed in provided order.

2. **VERIFICATION:** The person designated to sign for an action verifies, based on personal observation, objective evidence, or watch stander reports and certifies by signature that the action has been performed in accordance with the specified requirements.

3. **USE ORIGINAL DOCUMENTS:** All data attached to the Master TP shall have original pen and ink entries on the data sheets (unless otherwise specified in the test procedure).

4. **USE DARK INK:** All signature and data shall be in dark, water insoluble ink.

5. **CORRECTIONS:** When an error was made, it shall be corrected by drawing a single line through the error, recording the correct entry, initialing, dating and printing the name of the person making the correction in accordance with JOINT FLEET MAINTENANCE MANUAL (JFMM), COMUSFLTFORCOMINST 4790.3, VOLUME V, QUALITY MAINTENANCE.

6. **LATEST APPLICABLE REVISION:** Use the latest applicable revision of plans, instructions, technical manuals, and other reference material cited in this test procedure.

7. **INSTRUMENT CALIBRATION:** All measuring equipment shall be in current calibration as required by NAVSHIPREPFACINST 4734.1.

8. **OPERATION OF COMPONENTS:** Only authorized personnel shall operate ship's permanently installed equipment. The cognizant Shop shall control and operate their temporary test equipment. Ship's Force shall operate temporary systems and equipment formally turned over to the ship.

9. **SAFETY INSTRUCTION:** The Test Director is responsible for the safe conduct of this test. The safety precautions of NAVSHIPREPFAC M-5100.8 shall be observed at all times.

10. **TEST STOPPAGE:** The Test Director shall stop the test once a problem has been found in the system or equipment being tested. S246 Testing Standard Operating Procedure (SOP) shall be used to determine course of action prior to resuming the test procedure.

11. **ENERGIZED EQUIPMENT:** NSTM 300, para 300-2.4 shall be followed when working on energized equipment.

12. **DATA COLLECTION:** The test documents may require collection of additional data for which there is no acceptance criteria, provided the data sheet identifies that data is for information only.

13. **SUPPLEMENTATION:** When supplementation is made, annotate the supplemental information on the page with 'See Remarks' followed by a sequential numbering system corresponding in the Remarks section.

14. **USE ASTERISK (*):** When supplementation, correction and/or signature is made but there is not enough space, annotate using an asterisk (*) followed by sequential number adjacent to the portion then clarify on the same page using the same annotation.

SHIP/HULL NO.: **BARGE / YON-285**	JON:	ICN:	Rev:	Key Op:	
T.P FILE NO.: **61211-2-100_26073**		**89MVA15003**	**00**	**A01**	Page 3 of 11

LIFELINE / LIFERAIL SYSTEM – LOAD TEST

1. PURPOSE

1-1 The purpose of this test is to certify newly installed Lifeline and Liferail System for accomplishment of SHIPALT YON-0122D. See Table 1-1, Figure 1-1 and Figure 1-2 for the test item and the location.

Table 1-1: Test Item

Test Item		Item ID						QTY
Lifeline Assembly (para. 5-3)	Top	L3-TOP	L4-TOP	L5-TOP	L6-TOP	L13-TOP	L18-TOP	33 EA
		L19-TOP						
	Middle	L1-MID	L2-MID	L3-MID	L4-MID	L5-MID	L6-MID	
		L7-MID	L8-MID	L9-MID	L10-MID	L11-MID	L12-MID	
		L13-MID	L14-MID	L15-MID	L16-MID	L17-MID	L18-MID	
		L19-MID						
	Bottom	L3-BTM	L4-BTM	L5-BTM	L6-BTM	L13-BTM	L18-BTM	
		L19-BTM						
Top Lifeline Staple (para. 6-4.1)		STP-1 (6-S6)	STP-2 (6-P6)	STP-3 (9-S7)	STP-4 (9-P7)	STP-5 (6-S11)	STP-6 (9-S12)	14 EA
		STP-7 (6-S14)	STP-8 (9-S15)	STP-9 (6-P31)	STP-10 (10-P32)	STP-11 (7-S39)	STP-12 (7-P39)	
		STP-13 (6-S43)	STP-14 (6-P43)					
Liferail Stanchion (para. 6-4.2)	Group1	1-S1	1-P1	1-S2	1-P2	1-S8	1-P8	24 EA
		1-S10	1-P11	1-S13	1-P13	1-S19	1-S20	
		1-P20	1-P24	1-S25	1-S26	1-P26	1-S31	
		1-S32	1-S37	1-S40	1-P40	1-S41	1-P41	
	Group 2	2-C2	2-S9	2-P9	2-P12	2-P15	2-S18	20 EA
		2-P18	2-S21	2-P21	2-S24	2-S27	2-P27	
		2-S30	2-P30	2-S33	2-P33	2-S36	2-P36	
		2-S42	2-P42					
	Group 3	3-P10	3-P14	3-P19	3-P37			4 EA
	Group 4	4-C1	4-S3	4-P3	4-P25			4 EA
Lifeline / Liferail Stanchion (para. 6-4.3)	Group 5	5-S4	5-P4	5-S5	5-P5	5-S16	5-P16	19 EA
		5-S17	5-P17	5-S22	5-P22	5-S23	5-S28	
		5-P28	5-S29	5-P29	5-S34	5-P34	5-S35	
		5-P35						
	Group 6	6-S6	6-P6	6-S11	6-S14	6-P31	6-S43	7 EA
		6-P43						
	Group 7	7-S39	7-P39					2 EA
	Group 8	8-P23	8-S38	8-P38				3 EA
	Group 9	9-S7	9-P7	9-S12	9-S15			4 EA
	Group 10	10-P32						1 EA
Top Liferail (para. 6-4.4)		SR1 through SR40 PR1 through PR41						81 EA

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SHIP/HULL NO.: **BARGE / YON-285**	JON:	ICN:	Rev:	Key Op:	Page 4 of 11
T.P FILE NO.: **61211-2-100_26073**		**89MVA15003**	**00**	**A01**	

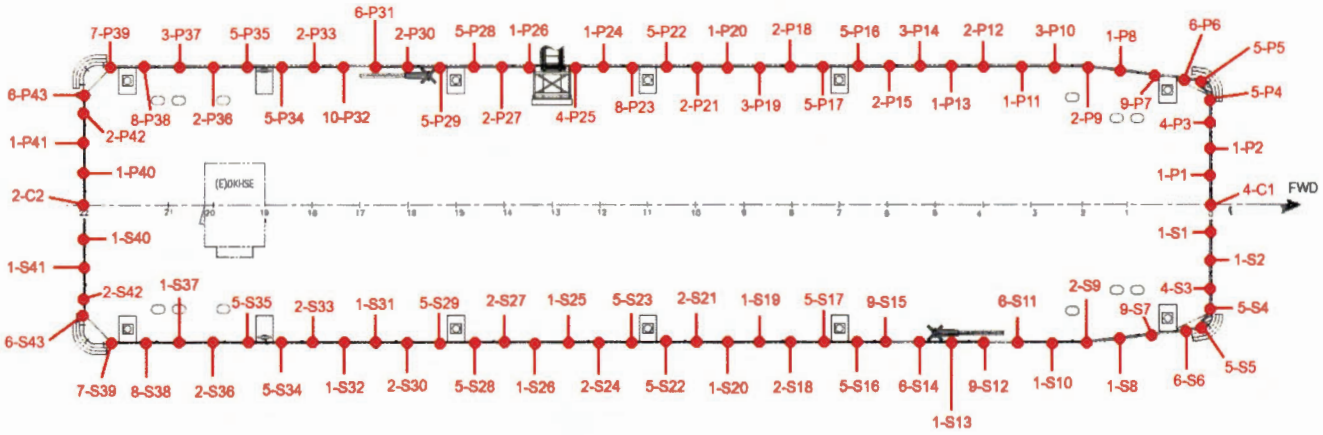

Figure 1-1: Stanchion Location & ID (01 LVL)

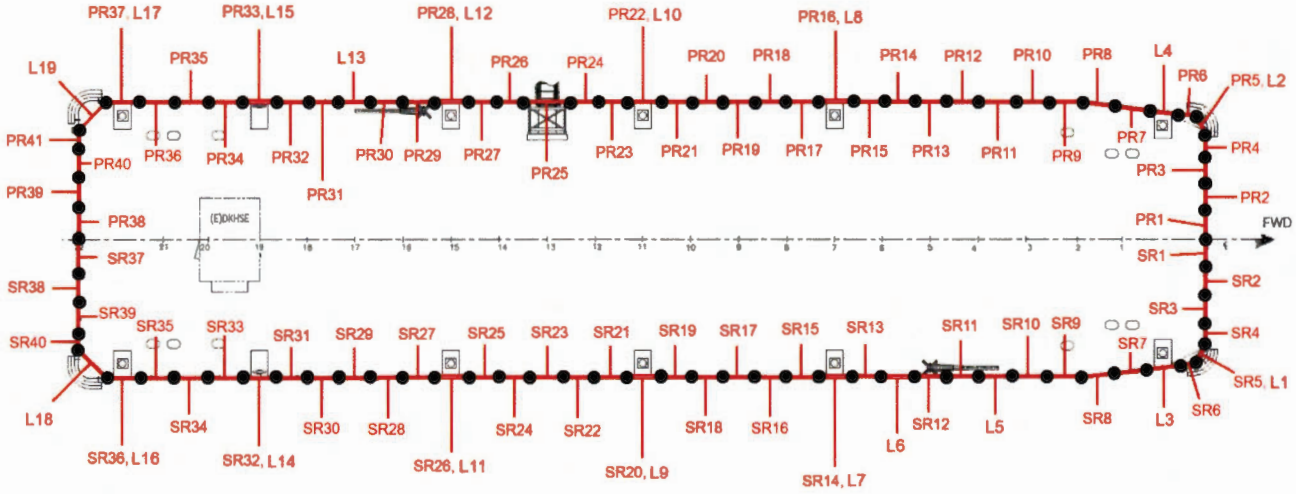

Figure 1-2: Lifeline & Liferail Location & ID (01 LVL)

2. REFERENCES

2-1 NAVSEA DRAWING

2-1.1 612-8970257; RAILS & STANCHION INSTALLATIONS INCIDENTAL BARGE CONVERSION

2-1.2 804-5184155; LIFERAILS, LIFELINES, & AWNING STANCHIONS (AL & CRES) DETAILS & L/M

2-2 GSO-GENERAL SPECIFICATION FOR OVERHAUL OF SURFACE SHIPS; S9AA0-AB-GOS-010

2-2.1 SEC 092; SHIPBOARD TESTS

2-2.2 SEC 612; HULL FITTINGS LIFERAILS, STANCHIONS, LIFELINES AND SAFETY NETS

2-3 JFMM-JOINT FLEET MAINTENANCE MANUAL

2-4 NAVSHIPREPFAC M-5100.8; SAFETY AND HEALTH PROGRAM MANUAL

3. TEST AND SUPPORT EQUIPMENT/MATERIAL

3-1 The Necessary Rigging Gear

3-2 Load applying device (e.g. Chain fall)

3-3 Load Indicating Device (e.g. Dynamometer)

3-4 Stopwatch

3-5 Warning signs, ropes and/or barricades to ensure area affected by load testing is secured

4. GENERAL PRECAUTIONS

4-1 Only those personnel actively engaged in performing or witnessing this test shall be permitted in the testing area. All specified safety regulations shall be strictly observed.

4-2 To prevent injury or death, ensure that proper test equipment is used during load testing.

4-3 Safeguarding of personnel and equipment shall be adhered to at all times.

5. SHOP TEST

5-1 PRETEST BRIEFING Conduct a pre-test briefing (e.g., safety precaution, station assignments, testing steps) with all involved test personnel.

5-2 TMDE Record all Test, Measuring & Diagnostic Equipment (TMDE) type, range, serial number and calibration due date. TMDE shall be calibrated and has not expired. Record the data in TEST DATA SHEET.

NOTE
ATTACH TO THE TEMPORARY IDENTIFICATION TAG TO EACH LIFELINE ASSEMBLIES USING THE NUMBERS SHOWN IN FIGURE 1-2.

NOTE
LIFELINE CONSIST OF THREE SECTIONS (TOP, MIDDLE & BOTTOM). THUS, LIFELINE ASSEMBLIES ARE IDENTIFIED BY THEIR ID NUMBER & SECTION.

5-3 LIFELINE ASSEMBLY LOAD TEST Load test each new lifeline assembly as follows and record the data & result (SAT/UNSAT) in the TEST DATA SHEET.

5-3.1 PRE-TEST INSPECTION Inspect condition of the lifeline assembly.
Acceptance criteria: *There shall be no evidence of damage, deformation, or rope/strand/wire breakage.*

5-3.2 PULL LOAD TEST

(1) Apply a pull load of 1,100 – 1,155 pounds to the lifeline assembly and the load shall be held for 10 minutes.

(2) After 10 minutes, slowly remove the test load.

(3) Inspect the condition of the Lifeline assembly.
Acceptance criteria: *There shall be no evidence of damage, deformation, or rope/strand/wire breakage.*

5-4 LWC and S246 shall sign the TEST DATA SHEET upon completion of the shop test.

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6. SHIPBOARD TEST

6-1 PRETEST BRIEFING Conduct a pre-test briefing (e.g., safety precaution, station assignments, testing steps) with all involved test personnel.

6-2 TMDE Record all Test, Measuring & Diagnostic Equipment (TMDE) type, range, serial number and calibration due date. TMDE shall be calibrated and has not expired. Record the data in TEST DATA SHEET.

6-3 PRE-TEST INSPECTION Inspect the condition of the liferail system (stanchions, liferails, staples) and their surrounding structure. Record the result in the TEST DATA SHEET.

Acceptance criteria: *The liferail system shall not exhibit any deformation, damage or cruck welds. The stanchion shall be installed parallel to and/or perpendicular to the horizontal base plane of the craft.*

6-4 LIFELINE/LIFERAIL SYSTESM LOAD TEST Load Test each new lifeline/liferail stanchions, liferails, staples as follows and record the data & result (SAT/UNSAT) in the TEST DATA SHEET.

6-4.1 TOP LIFELINE STAPLE

(1) The top course lifeline staple shall be tested by applying concentrated load of 3,000 – 3,150 pounds parallel to the direction of lifeline. Stanchion shall be securely restrained (in a fixture or other means) so as not to induce any loading on the stanchion base during load test.

(2) The load shall be held for 10 minutes.

(3) After 10 minutes, slowly remove the test load.

(4) Inspect the tested item and its surrounding structure.

Acceptance criteria: *The staple shall not exhibit any deformation, damage, or cracked welds due to having the load applied.*

ALTERNATE METHOD:
It is permitted to perform a load test of lifeline staples before the stanchion is installed onboard. In this case, a visual inspection of the staple and affected structure should be carried out prior to testing to ensure there are no deformations, damage, or cracked welds.

6-4.2 LIFERAIL STANCHION (GROUP1 – GROUP4)

(1) At least 10 percent of the liferail stanchion in each group (group1 through group4) specified in Table 1-1 shall be tested. Select the stanchion to be tested and record the Stanchion ID in the TEST DATA SHEET. See Figure 1-1 for the stanchion location & ID.

(2) A static concentrated load of 300 - 315 pounds shall be applied at the stanchion head horizontally outboard and perpendicular to the liferail. The load shall be held for 10 minutes.

(3) After 10 minutes, slowly remove the test load.

(4) Inspect the tested item and its surrounding structure.

Acceptance criteria: *The stanchion assembly shall not exhibit any deformation, damage or cracked welds due to having the load applied.*

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6-4.3 LIFELINE/LIFERAIL STANCHION (GROUP5 – GROUP10)

(1) At least 10 percent of the liferail stanchion in each group (group5 through group10) specified in Table 1-1 shall be tested. Select the stanchion to be tested and record the Stanchion ID in the TEST DATA SHEET. See Figure 1-1 for the stanchion location & ID.

(2) A static concentrated load of 300 - 315 pounds shall be applied at the stanchion head horizontally outboard and perpendicular to the liferail. The load shall be held for 10 minutes.

(3) After 10 minutes, slowly remove the test load.

(4) Inspect the tested item and its surrounding structure.

Acceptance criteria: *The stanchion assembly shall not exhibit any deformation, damage or cracked welds due to having the load applied.*

6-4.4 TOP LIFERAIL

(1) At least 10 percent of the top course liferail specified in Table 1-1 shall be tested. Select the liferail to be tested and record the liferail ID in the TEST DATA SHEET. See Figure 1-2 for the liferail location & ID.

(2) Liferail shall be tested by applying a static concentrated load of 300 – 315 pounds mid-span between stanchions horizontally outboard and perpendicular to the liferail and held for a period of 10 minutes.

(3) After 10 minutes, slowly remove the test load.

(4) Inspect the tested item and its surrounding structure.

Acceptance criteria: *The liferail and its surrounding structure shall not exhibit any deformation, damage or cracked welds due to having the load applied.*

6-5 LWC and S246 shall sign the TEST DATA SHEET upon completion of the shipboard test.

7. TEST PROCEDURE COMPLETION

7-1 Sign the test procedure cover sheet to confirm that the test procedure has been fulfilled and completed and return it to S246 for review and approval.

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8. REMARKS

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TEST DATA SHEET

5-2 TMDE

EQUIPMENT TYPE /	RANGE /	SERIAL NO. /	CAL. DUE DATE

5-3 LIFELINE ASSEMBLY LOAD TEST

Item	ID	5-3.1 PRE-TEST INSPECTION	5-3.2 TEST LOAD	DURATION	POST-TEST INSPECTION
Top	L3-TOP	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L4-TOP	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L5-TOP	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L6-TOP	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L13-TOP	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L18-TOP	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L19-TOP	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
Middle	L1-MID	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L2-MID	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L3-MID	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L4-MID	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L5-MID	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L6-MID	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L7-MID	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L8-MID	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L9-MID	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L10-MID	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L11-MID	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L12-MID	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L13-MID	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L14-MID	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L15-MID	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L16-MID	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L17-MID	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L18-MID	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L19-MID	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
Bottom	L3-BTM	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L4-BTM	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L5-BTM	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L6-BTM	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L13-BTM	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L18-BTM	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT
	L19-BTM	☐ SAT / ☐ UNSAT	pounds	minutes	☐ SAT / ☐ UNSAT

5-4 COMPLETION OF THE SHOP TEST

RESPONSIBILITY	PRINT NAME, SIGNATURE & DATE
LWC	
S246	

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TEST DATA SHEET

6-2 TMDE

EQUIPMENT TYPE	/	RANGE	/	SERIAL NO.	/	CAL. DUE DATE

6-3 PRE-TEST INSPECTION

ACCEPTANCE CRITERIA	RESULT
The liferail system shall not exhibit any deformation, damage or cruck welds. The stanchion shall be installed parallel to and/or perpendicular to the horizontal base plane of the craft.	☐ SAT / ☐ UNSAT

6-4 LIFELINE/LIFERAIL SYSTESM LOAD TEST

6-4.1 TOP LIFELINE STAPLE

ACCEPTANCE CRITERIA	STAPLE ID	STANCHION ID	TEST LOAD (LBS)	DURATION (minutes)	RESULT
The staple shall not exhibit any deformation, damage, or cracked welds due to having the load applied.	STP-1	6-S6			☐ SAT / ☐ UNSAT
	STP-2	6-P6			☐ SAT / ☐ UNSAT
	STP-3	9-S7			☐ SAT / ☐ UNSAT
	STP-4	9-P7			☐ SAT / ☐ UNSAT
	STP-5	6-S11			☐ SAT / ☐ UNSAT
	STP-6	9-S12			☐ SAT / ☐ UNSAT
	STP-7	6-S14			☐ SAT / ☐ UNSAT
	STP-8	9-S15			☐ SAT / ☐ UNSAT
	STP-9	6-P31			☐ SAT / ☐ UNSAT
	STP-10	10-P32			☐ SAT / ☐ UNSAT
	STP-11	7-S39			☐ SAT / ☐ UNSAT
	STP-12	7-P39			☐ SAT / ☐ UNSAT
	STP-13	6-S43			☐ SAT / ☐ UNSAT
	STP-14	6-P43			☐ SAT / ☐ UNSAT

6-4.2 LIFERAIL STANCHION (GROUP1 – GROUP4)

ACCEPTANCE CRITERIA	GROUP	STANCHION ID	TEST LOAD (LBS)	DURATION (minutes)	RESULT
The stanchion assembly shall not exhibit any deformation, damage or cracked welds due to having the load applied.	1				
	2				
	3				
	4				

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TEST DATA SHEET

6-4.2 LIFELINE/LIFERAIL STANCHION (GROUP5 – GROUP10)

ACCEPTANCE CRITERIA	GROUP	STANCHION ID	TEST LOAD (LBS)	DURATION (minutes)	RESULT
The stanchion assembly shall not exhibit any deformation, damage or cracked welds due to having the load applied.	**5**				
	6				
	7				
	8				
	9				
	10	P32			

6-4.3 TOP LIFERAIL

ACCEPTANCE CRITERIA	LIFERAIL ID	TEST LOAD (LBS)	DURATION (minutes)	RESULT
The liferail and its surrounding structure shall not exhibit any deformation, damage or cracked welds due to having the load applied.				

6-5 COMPLETION OF THE TEST

RESPONSIBILITY	PRINT NAME, SIGNATURE & DATE
LWC	
S246	

Ship/HULL NO.	Ship/HULL NAME	JON:	ICN:	Rev:	Key Op:
YON-285	BARGE		89MVA15003		A01

TITLE:

SHIPALT YON-122D, Brow Installation; accomplish (Part-III Hull Work)

JOB SPECIFICATION

Anticipated Award Date:	Production Completion Date:	PREPARING ACTIVITY:
POP Start Date:	POP End Date:	SASEBO

PREPARED BY: N. NAGATO	CODE H_NA	DATE 1/29/2026
APPROVED BY: S. MURAKAMI	CODE S225	
CONCURRED BY: S. MOROOKA	CODE S231	
ASSIST PLANNER'S NAME: K. SAITO	CODE M_SK	
ASSIST PLANNER'S NAME:	CODE	
ASSIST PLANNER'S NAME:	CODE	

DESCRIPTION:

JSN(S): _____ **CASREP #** _____.

S/F CONTACT: _____ **CWP #** _____ **CCNS #** _____.

Approved by S300/S900 T. ESCRITOR-YAMADA PM S320 **Date:** 2/2/2026 **Avl:** 6B1 ~~7B1~~.

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:

Ship/HULL NO.	Ship/HULL NAME	JON:	ICN:	Rev:	Key Op:
YON-285	BARGE		89MVA15003		A01

TITLE:

SHIPALT YON-122D, Brow Installation; accomplish (Part-III Hull Work)

1. **SCOPE:**

1.1 Title: SHIPALT YON-122D, Brow Installation; accomplish (Part-III Hull Work)

1.2 Location of Work:

1.2.1 Main Deck (PORT, Frame No.12 through 14)

1.2.2 Void Number 6P

1.3 Identification:

1.3.1 Listed in 2.2 for Installation of Brow and Foundation, Located in 1.2.1

2. **REFERENCES:**

FY26

2.1 Standard Items (FY27)

2.2 623-8970258, S/A YON-0122D YON-285 Brow Install Incidental Barge Conversion

2.3 T.P FILE NO.: 62312-2-100_26073A, Brow (S/A YON-0122D) - Load Test

3. **REQUIREMENTS:**

3.1 Accomplish the requirements of 2.2 for installation of brow and foundation listed in 1.3.1 including each general note.

3.1.1 Accomplish the requirements of **009-12** of 2.1, including Table 4, Column A, Lines One through 7 for welding.

(V) (G) "LOAD TEST"

3.2 Accomplish the requirements of 2.3 for load test of brow listed in 1.3.1. **-S246**

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

4. **NOTES:**

4.1 Initial Condition - YON-285 SHIPALTS 122D has not been completed.

4.2 Dry docking and undocking will be covered by ICN 89MVA86301_A01.

4.3 Marine chemist inspection for entire area of YON-285 will be covered by ICN 89MVA11001_A01.

4.4 The cleaning work of each cargo void (S-1, P-1, S-2, P-2, S-3, P-3, S-4, and P-4) will be covered by ICN: 89MVA12301_A01.

4.5 The cleaning work of each void (Number One through Number 6) will be covered by ICN: 89MVA11001_A01.

4.6 SRF tool room will issue dynamo meter and test weight when required.

4.7 Under S245 partial response to ESR YON-0003, the reservation notes on 2.2 can be ignored.

4.8 The contractor is responsible to dispose all waste generated by this work item in accordance with Japanese Environmental Governing Standards (JEGS).

5. **GOVERNMENT FURNISHED MATERIAL (GFM):**

5.1 Government Furnished Material as follows.

MATERIAL LIST

MATERIAL LIST

ITEM NO.	PC NO.	REF NO.	M/C	DESCRIPTION	STOCK NUMBER	HAZ MAT	DOC NO.	QTY REQD/ UNIT	Para No.
020	1	2.2	M	GANGWAY,GANWAY BROW, MANUAL RETRACTING, 48" WIDE CATALOGUE NUMBER: SAS-239306-A1	9B 2815 SA2505111	9	6028E503	1/EA	3.1
021	2	2.2	M	ANGLE,ANGLE, 5" X 5" X 1/2", ASTM A36 OSS	9B 4730	9		20/LF	3.1
022	3	2.2	M	BOLT, HEX HEAD,BOLT, HEX HD, 3/4"-10UNC-2A - 3" LG	9B 5130 SA2505025	9	6023E305	4/EA	3.1
023	4	2.2	M	WASHER,WASHER, FLAT, 3/4" DIA	9B 5130 SA2300401	9	6023E306	8/EA	3.1
024	5	2.2	M	NUT,SELF-LOCKING,HE,NUT, SELF-LKG, 3/4"-10UNC-3B	9B 5310 002416609	9	6005B093	4/EA	3.1
025	6	2.2	M	CHANNEL,CHANNEL, MC10X33.6#	9B 9390	9		6/LF	3.1
026	7	2.2	M	PLATE,METAL,PLATE, 20.4#	9B 9515 001533236	9	6005B032	8/SF	3.1
027	8	2.2	M	ANGLE,ANGLE, 3 1/2" X 3" X 3/8"	9B 4730	9		12/LF	3.1
600			M	ELECTROD,WELDING ROD, 7018M, SMAW, 1/8"DIA X 14"LG, 10LB/CN, MIL-E-22200/10, P/N: 255014110 CERTIFICATION IS NOT REQUIRED	9G 3439 SA4742863	9		4/CN	3.1
601			M	ELECTROD,WELDING ROD, 7018M, SMAW, 3/32"DIA X 14"LG, 10LB/CN, MIL-E-22200/10, P/N: 255014102 CERTIFICATION IS NOT REQUIRED.	9G 3439 SA4742861	9		3/CN	3.1

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SHIP REPAIR FACILITY – JAPAN REGIONAL MAINTENANCE CENTER
DET SASEBO TEST PROCEDURE

TITLE:

BROW (S/A YON-0122D) – LOAD TEST

JCN: N/A

CWP: N/A

TEST PROCEDURE PREPARATION

	PRINT NAME & SIGNATURE	PHONE	CODE	DATE
PREPARED BY	D. KUBO KUBO.DAI.1594993841 Digitally signed by KUBO.DAI.1594993841 Date: 2026.01.26 15:53:51 +09'00'	252-8052	S246E	26-Jan-2026
REVIEWED BY	S. IIDA IIDA.SHUNICHI.1274619127 Digitally signed by IIDA.SHUNICHI.1274619127 Date: 2026.01.26 15:58:08 +09'00'	252-8045	S246A	26-Jan-2026
APPROVED FOR ISSUE	B. YOSHIKAWA YOSHIKAWA.BRIAN.T.1282691449 Digitally signed by YOSHIKAWA.BRIAN.T.1282691449 Date: 2026.01.26 16:00:55 +09'00'	252-8050	S246CTE	26-Jan-2026

PROCEDURE COMPLETED

PRINT NAME & SIGNATURE	COMPANY NAME	BADGE/RANK	DATE
LWC			
S246	SRF-JRMC DET SASEBO		

CERTIFICATION REVIEW AND APPROVAL OF TEST RESULTS

	PRINT NAME & SIGNATURE	PHONE	CODE	DATE
REVIEWED BY	(Test Certified Complete and Test Results Satisfactory) S. IIDA	252-8045	S246A	
TEST CODE	(Test Results Reviewed and Approved)		S246CTE	

COMMENTS:

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SHIP/HULL NO.:	BARGE / YON-285	JON:	ICN:	Rev:	Key Op:	
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TEST PROCEDURE GENERAL NOTES

1. **TEST SEQUENCE:** Unless otherwise specified in the test document, this test procedure (TP) shall be completed in provided order.

2. **VERIFICATION:** The person designated to sign for an action verifies, based on personal observation, objective evidence, or watch stander reports and certifies by signature that the action has been performed in accordance with the specified requirements.

3. **USE ORIGINAL DOCUMENTS:** All data attached to the Master TP shall have original pen and ink entries on the data sheets (unless otherwise specified in the test procedure).

4. **USE DARK INK:** All signature and data shall be in dark, water insoluble ink.

5. **CORRECTIONS:** When an error was made, it shall be corrected by drawing a single line through the error, recording the correct entry, initialing, dating and printing the name of the person making the correction in accordance with JOINT FLEET MAINTENANCE MANUAL (JFMM), COMUSFLTFORCOMINST 4790.3, VOLUME V, QUALITY MAINTENANCE.

6. **LATEST APPLICABLE REVISION:** Use the latest applicable revision of plans, instructions, technical manuals, and other reference material cited in this test procedure.

7. **INSTRUMENT CALIBRATION:** All measuring equipment shall be in current calibration as required by NAVSHIPREPFACINST 4734.1.

8. **OPERATION OF COMPONENTS:** Only authorized personnel shall operate ship's permanently installed equipment. **The** cognizant Shop shall control and operate their temporary test equipment. Ship's Force shall operate temporary systems and equipment formally turned over to the ship.

9. **SAFETY INSTRUCTION:** The Test Director is responsible for the safe conduct of this test. The safety precautions of NAVSHIPREPFAC M-5100.8 shall be observed at all times.

10. **TEST STOPPAGE:** The Test Director shall stop the test once a problem has been found in the system or equipment being tested.

11. **ENERGIZED EQUIPMENT:** NSTM 300, para 300-2.4 shall be followed when working on energized equipment.

12. **DATA COLLECTION:** The test documents may require collection of additional data for which there is no acceptance criteria, provided the data sheet identifies that data is for information only.

13. **SUPPLEMENTATION:** When supplementation is made, annotate the supplemental information on the page with 'See Remarks' followed by a sequential numbering system corresponding in the Remarks section.

14. **USE ASTERISK (*):** When supplementation, correction and/or signature is made but there is not enough space, annotate using an asterisk (*) followed by sequential number adjacent to the portion then clarify on the same page using the same annotation.

BROW (S/A YON-0122D) – LOAD TEST

1. PURPOSE

1-1 The purpose of this test is to certify the newly fabricated brow for accomplishment of SHIPALT YON-0122D. See Table 1-1 and Figure 1-1 for the details of the brow.

Table 1-1: Item to be tested

Item	Safe Working Load
BROW	500 LBS.

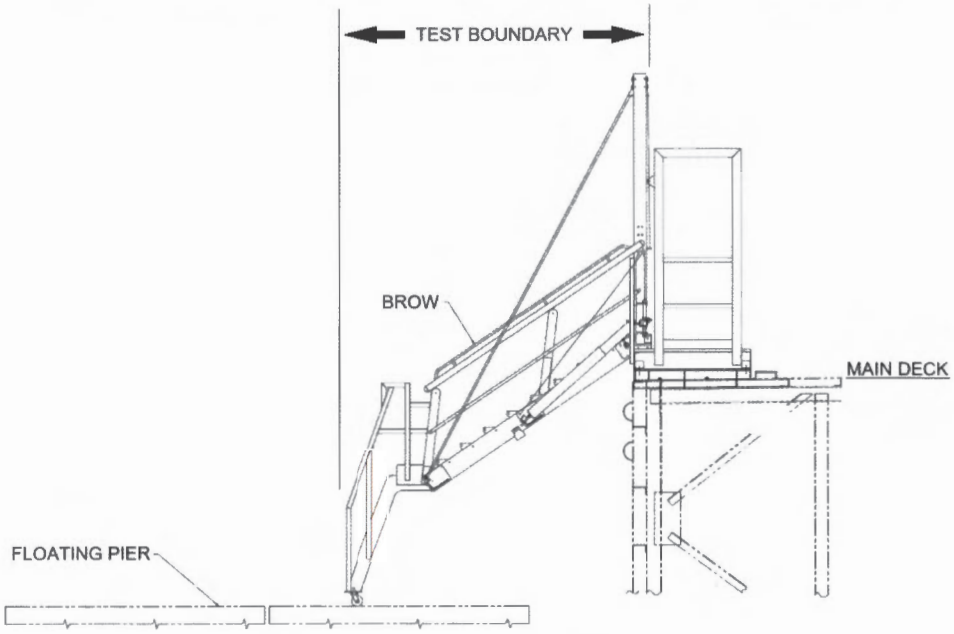

Figure 1-1: Brow (Typical Elevation)

2. REFERENCES

2-1 NAVSEA DRAWING

2-1.1 589-8970258; S/A YON-0122D BROW INSTALL INCIDENTAL BARGE CONVERSION

2-1.2 804-8436629; LABELS

2-2 GSO-GENERAL SPECIFICATIONS FOR OVERHAUL OF SURFACE SHIPS; S9AA0-AB-GOS-010

2-2.1 SEC 092; SHIPBOARD TESTS

2-2.2 SEC 622; LADDERS, HANDRAILS, FLOOR PLATES, STAGING, AND GRATINGS

2-3 NSTM-NAVAL SHIP'S TECHNICAL MANUAL

2-3.1 S9086-UF-STM-030/CH-600; HULL OUTFITTING EQUIPMENT

2-4 JFMM-JOINT FLEET MAINTENANCE MANUAL

2-5 NAVSHIPREPFAC M-5100.8; SAFETY AND HEALTH PROGRAM MANUAL

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3. TEST AND SUPPORT EQUIPMENT/MATERIAL

3-1 Floating pier (see Figure 1-1)

3-2 Test weight

3-3 Load indicating device (e.g., Dynamometer)

3-4 Stopwatch

3-5 Warning signs, ropes and/or barricades to ensure area affected by load testing is secured

4. GENERAL PRECAUTIONS

4-1 Only those personnel actively engaged in performing or witnessing this test shall be permitted in the testing area. All specified safety regulations shall be strictly observed.

4-2 To prevent injury or death, ensure that proper test equipment is used during load testing.

4-3 Safeguarding of personnel and equipment shall be adhered to at all times.

5. SHIPBOARD TEST

5-1 PRETEST BRIEFING Conduct a pre-test briefing (e.g., safety precaution, station assignments, testing steps) with all involved test personnel.

5-2 TMDE Record all Test, Measuring & Diagnostic Equipment (TMDE) type, range, serial number and calibration due date. TMDE shall be calibrated and has not expired.

5-3 LOAD TEST Conduct load test as follows and record the data & result in the TEST DATA SHEET.

5-3.1 STATIC LOAD TEST

(1) Deploy and secure the brow to the service position as shown in Figure 1-1.

(2) Inspect the condition of the brow assembly.

Acceptance criteria: *There shall be no evidence of permanent deformation or other defects.*

(3) Apply a total static test load of 1,000 pounds, distributed evenly over all treads and the platform within the test boundary shown in Figure 1-1. The allowable load per tread or platform shall be +5% and -0% of the distributed load.

(4) Uniformly apply the distributed load to each tread or platform. After all test weight is applied, hold the load for 10 minutes.

(5) After 10 minutes, slowly remove the test load and visually inspect the tested assembly. Also, stow and deploy the assembly to verify smooth operation.

Acceptance criteria: *There shall be no evidence of permanent deformation, binding during operation or other defects due to having had the test load applied.*

(6) Record each tread / platform # starting from the top, distributed load, actual load, test duration and results.

5-4 LWC and S246 shall sign the TEST DATA SHEET upon completion of all tests.

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6. MARKING

6-1 TEST LABEL PLATE Upon satisfactory completion of inspections and tests, manufacture and install the Test Label Plate as follows.

6-1.1 Stamped, etched, or engraved metal plate shall be manufactured and attached to the tested item with mechanical fastener or adhesives. See Figure 6-1 for the sample of the label plate. The marking shall include name of equipment, static test load, working load, applicable test spec number, testing activity, and the date tested (month/year).

6-1.2 Record the date of installation in the TEST DATA SHEET.

BROW

STATIC LOAD TEST 1,000 LB.

WORKING LOAD 500 LB.

APPLICABLE TEST SPEC NUMBER 62312-2-100_26073A

TESTED (ACTIVITY AND DATE)		
SRF-JRMC SASEBO		
MONTH / YEAR		

Figure 6-1: Sample of Label Plate

7. TEST PROCEDURE COMPLETION

7-1 Sign the test procedure coversheet to confirm that the test procedure has been fulfilled and completed and return it to S246 for review and approval.

8. REMARKS

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TEST DATA SHEET

5-2 TEST, MEASURING & DIAGNOSTIC EQUIPMENT (TMDE)

EQUIPMENT TYPE /	RANGE /	SERIAL NO. /	CAL. DUE DATE

5-3 LOAD TEST

PARA / STEP	ACCEPTANCE CRITERIA	DATA & RESULT			
(2) PRE-TEST INSPECTION	*There shall be no evidence of permanent deformation or other defects.*	☐ SAT / ☐ UNSAT			
(3) LOAD TEST	*TEST LOAD:* *A total static test load of 1,000 pounds, distributed evenly over all treads and the platform within the test boundary shown in Figure 1-1 for 10 minutes.* *The allowable load per tread or platform shall be +5% and -0% of the distributed load.*	**Tread/Platform #** (i.e. 1st Tread)	**Distributed Load** (lbs.)	**Actual Test Load** (lbs.)	**Actual Test Duration** (mins.)
(4) POST-TEST INSPECTION	*There shall be no evidence of permanent deformation, binding in operation or other defects due to having had the test load applied.*	☐ SAT / ☐ UNSAT			

5-4 COMPLETION OF THE TEST

RESPONSIBILITY	PRINT NAME, SIGNATURE & DATE
LWC	
S246	

6-1 TEST LABEL PLATE

DESCRIPTION	DATE OF INSTALLATION
Test Label Plate was properly manufactured and installed.	

Ship/HULL NO.	Ship/HULL NAME	JON:	ICN:	Rev:	Key Op:
YON-285	BARGE		89MVA15003		A01

TITLE:

SHIPALT YON-122D, Weather Deck Floodlight Installation; accomplish (Part-IV Electrical Work)

JOB SPECIFICATION

Anticipated Award Date:	Production Completion Date:	PREPARING ACTIVITY:
POP Start Date:	POP End Date:	SASEBO

PREPARED BY: **S. NISHINO**	CODE **E_NI**	DATE **1/29/2026**
APPROVED BY: **S. MURAKAMI**	CODE **S225**	
CONCURRED BY: **A. OKA**	CODE **S233**	
ASSIST PLANNER'S NAME:	CODE	
ASSIST PLANNER'S NAME:	CODE	
ASSIST PLANNER'S NAME:	CODE	

DESCRIPTION:

JSN(S): _____ **CASREP #** _____.

S/F CONTACT: _____ **CWP #** _____ **CCNS #** _____.

Approved by S300/S900 T. ESCRITOR-YAMADA PM S320 **Date:** 2/2/2026 **AVL:** 6B1 ~~7B1~~.

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:

Ship/HULL NO.	Ship/HULL NAME	JON:	ICN:	Rev:	Key Op:
YON-285	BARGE		89MVA15003		A01

TITLE:

SHIPALT YON-122D, Weather Deck Floodlight Installation; accomplish (Part-IV Electrical Work)

1. **SCOPE:**

1.1 Title: SHIPALT YON-122D, Weather Deck Floodlight Installation; accomplish (Part-IV Electrical Work)

1.2 Location of Work:

1.2.1 Listed in 2.2

1.3 Identification:

1.3.1 Listed in 2.2

2. **REFERENCES:**

2.1 Standard Items (~~FY27~~ FY26)

2.2 331-8970279, Weatherdeck Floodlight Install

2.3 113-5377425 Rev A, Mounting Requirements for Small Equipment in Shock Critical Areas

2.4 302-5302690 Rev C, Standard Cable Installation Requirements

2.5 113-5293062 Rev E, Foundations-Miscellaneous Electrical Equipment for Grade A and B Shock

2.6 101-5317400 Rev C, Structural Penetrations in Surface Ships

2.7 321-8970275, Power Distribution System Installation

2.8 612-8970257, Rails & Stanchion Installations Incidental Barge Conversion

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

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

3. **REQUIREMENTS:**

3.1 Accomplish the requirements of 2.2 including each note for installation of weather deck floodlight using 2.2 through 2.8 for guidance.

3.1.1 Cable installation, penetrations, cableway, and cable tag must be in accordance with 2.9.

3.1.2 Bond and ground each equipment in accordance with 2.10.

3.1.3 Chip and grind surfaces flush and smooth in way of removals.

3.1.4 Accomplish the requirements of **009-12** of 2.1 including Table 4, Column A, and Line one through 7 for welding.

3.1.5 Accomplish the requirements of **009-25** of 2.1 for conducting a local air hose test of each penetration of tightness boundaries. Allowable leakage: None.

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

(V) (G) "OPERATIONAL TEST"

3.3 Accomplish an operational test of the floodlight listed in 1.3.1 and verify correct operation, using 2.2 for guidance. **-S130**

4. NOTES:

4.1 Initial Condition - YON-285 SHIPALTS 122D has not been completed.

4.2 S245 concurred to use each new stuffing tube size B (M24235/17-062 and M24235/17-002) for the penetration of cable (LSDSGU-4 and LSFSGU-4) by official email response to ESR YON-0001.

4.3 SRF Tool Room will issue pressure gages and torque wrenches when required.

4.4 The contractor is responsible to dispose all waste generated by this work item in accordance with Japanese Environmental Governing Standards (JEGS).

4.5 Marine chemist inspection for entire area of YON-285 will be covered by ICN 89MVA11001_A01.

4.6 The cleaning work of each cargo void (S-1, P-1, S-2, P-2, S-3, P-3, S-4, and P-4) will be covered by ICN: 89MVA12301_A01.

4.7 The cleaning work of each void (Number One through Number 6) will be covered by ICN: 89MVA11001_A01.

4.8 Preservation work and nonskid deck covering work on main deck will be covered by ICN 89MVA15003_A01.

5. GOVERNMENT FURNISHED MATERIAL(GFM):

5.1 GOVERNMENT FURNISHED MATERIALS.

Ship/HULL NO.	Ship/HULL NAME	JON:	ICN:	Rev:	Key Op:
YON-285	BARGE		89MVA15003		A01

TITLE:

SHIPALT YON-122D, Weather Deck Floodlight Installation; accomplish (Part-IV Electrical Work)

MATERIAL LIST

ITEM NO.	PC NO.	REF NO.	M/C	DESCRIPTION	STOCK NUMBER	HAZ MAT	DOC NO.	QTY /UNIT	PARA NO.
201	-	-	M	PACKING ASSEMBLY, P/N M16685-2IB, SIZE B	9B 5330 013760811	N	-	50/EA	3.1
202	-	-	C	PACKING, PREFORMED, P/N MP-BA-B1, SIZE B	9B 5330 017158107	N	-	50/EA	3.1
203	-	-	M	STUFFING TUBE, P/N M19622/1-002, SIZE 2, STRAIGHT	9B 5975 002964093	N	-	50/EA	3.1
204	-	-	C	STUFFING TUBE, P/N M19622/2-002, SIZE 2, 90 DEGREE	9B 5975 005034693	N	-	20/EA	3.1
205	-	-	C	STUFFING TUBE, P/N M19622/4-002, SIZE 2, TYPE Y	9B 5975 007826140	N	-	20/PG	3.1
206	-	-	M	STUFFING TUBE, P/N M19622/1-005, SIZE 4T, STRAIGHT	9B 5975 009895046	N	-	10/EA	3.1
207	-	-	C	STUFFING TUBE, P/N M19622/2-005, SIZE 4T, 90 DEGREE	9B 5975 009895045	N	-	5/EA	3.1
208	-	-	C	STUFFING TUBE, P/N M19622/4-004, SIZE 4T, TYPE Y	9B 5975 007826142	N	-	5/PG	3.1
209	-	-	M	PACKING ASSEMBLY, P/N M19622/17-0005, SIZE 2	9B 5330 011082552	N	-	50/AY	3.1
210	-	-	M	PACKING ASSEMBLY, P/N M19622/19-0002, SIZE 4T	9B 5330 010040889	N	-	10/EA	3.1
211	-	-	C	HANGER, CABLE, P/N 101-107-281, SIZE 1.5 IN LG	9B 5975 010209184	N	-	200/EA	3.1
212	-	-	C	HANGER, CABLE, P/N 101-107-282, SIZE 2.5 IN LG	9B 5975 010209186	N	-	200/EA	3.1
213	-	-	C	HANGER, CABLE, P/N 101-107-180, SINGLE TYPE	9B 5975 012949093	N	-	100/EA	3.1
214	-	-	C	HANGER, CABLE, P/N 101-107-102, SINGLE TYPE	9B 5975 010209179	N	-	100/EA	3.1
215	-	-	C	HANGER, CABLE, P/N 101-107-057, DOUBLE TYPE	9B 5975 010209174	N	-	100/EA	3.1
216	-	-	C	STUD, WELDING, P/N M24149/1-519, 5/16 X 1.25IN LG	9B 5307 012931806	N	-	200/EA	3.1
217	-	-	C	STUD, WELDING, P/N M24149/1-523, 5/16 X 1.75IN LG	9B 5307 012936158	N	-	200/EA	3.1
218	-	-	C	STUD, WELDING, P/N M24149/1-541, 3/8 X 1.25IN LG	9B 5307 012257813	N	-	200/EA	3.1
219	-	-	C	STUD, WELDING, P/N M24149/1-541, 3/8 X 1.75IN LG	9B 5307 012707374	N	-	200/EA	3.1

Ship/HULL NO.	Ship/HULL NAME	JON:	ICN:	Rev:	Key Op:
YON-285	BARGE		89MVA15003		A01

TITLE:

SHIPALT YON-122D, Weather Deck Floodlight Installation; accomplish (Part-IV Electrical Work)

MATERIAL LIST

ITEM NO.	PC NO.	REF NO.	M/C	DESCRIPTION	STOCK NUMBER	HAZ MAT	DOC NO.	QTY /UNIT	PARA NO.
220	-	-	C	NONMETALLIC CHANNEL, RUBBER, P/N: 97-79-055	9B 9390 010186253	N	-	10/LG	3.1
221	-	-	C	STRAPPING, 5/8" CRES	9Q 8135 010169995	N	-	5/RO	3.1
222	-	-	C	SEAL, STRAPPING, 5/8" CRES BUCKLE	9B 5340 006643249	N	-	200/EA	3.1
184	Item 1	2.2	M	CKT BRKR, 15A, 1-POLE, 120V, PLUG-IN, P/N QO115	9B 5925 SA2505074	N	5357E702	3/EA	3.1
185	Item 2	2.2	M	FLOODLIGHT, LED, 25,000 LUMENS, 217W, P/N PFMA25L	9B 6220	N	-	11/EA	3.1
186	Item 3	2.2	M	SWITCH, 2-POLE, 15A	9B 5930 015245327	N	5237B145	3/EA	3.1
187	Item 4	2.2	M	PHOTOCELL, 120-277VAC, THERAD STEM MOUNTING K4236C	9B 6660	N	-	3/EA	3.1
188	Item 5	2.2	M	JUNCTION BOX, WEATHERPROOF, NEMA4X3866N19	9B 5975 SA2505032	N	6013E507	3/EA	3.1
189	Item 6	2.2	M	CONN BOX, 4X4X2-1/8, SYM 406.1	9B 5975 001948877	N	5237B146	12/EA	3.1
190	Item 7	2.2	M	COVER FOR SYM 406.1	9B 5975 002810056	N	5237B147	12/EA	3.1
191	Item 8	2.2	M	STUFFING TUBE, DECK, SYM 1762	9B 5975 010149935	N	-	16/EA	3.1
192	Item 9	2.2	M	STUFFING TUBE, BULKHEAD, SYM 1702	9B 5975 010148995	N	-	16/EA	3.1
195	-	2.2	M	CABLE, LSDSGU-4	9B 6145 012022795	N	5237B150	960/FT	3.1
196	-	2.2	M	CABLE, LSFSGU-4	9B 6145 012102344	N	5252B001	120/FT	3.1

Ship/HULL NO.	Ship/HULL NAME	JON:	ICN:	Rev:	Key Op:
YON-285	BARGE		89MVA15003		A01

TITLE:

SHIPALT YON-122D, Nonskid Deck Covering on Main Deck; install (Part-V Preservation Work)

JOB SPECIFICATION

Anticipated Award Date:	Production Completion Date:	PREPARING ACTIVITY:
POP Start Date:	POP End Date:	SASEBO

PREPARED BY: N. NAGATO	CODE H_NA	DATE 1/29/2026
APPROVED BY: S. MURAKAMI	CODE S225	
CONCURRED BY: S. MOROOKA	CODE S231	
ASSIST PLANNER'S NAME:	CODE	
ASSIST PLANNER'S NAME:	CODE	
ASSIST PLANNER'S NAME:	CODE	

DESCRIPTION:

JSN(S): CASREP #

S/F CONTACT: CWP # CCNS #

Approved by S300/S900 T. ESCRITOR-YAMADA PM S320 Date: 2/2/2026 Avl: 6B1 ~~7B1~~

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:

Ship/HULL NO.	Ship/HULL NAME	JON:	ICN:	Rev:	Key Op:
YON-285	BARGE		89MVA15003		A01

TITLE:

SHIPALT YON-122D, Nonskid Deck Covering on Main Deck; install (Part-V Preservation Work)

1. **SCOPE:**

1.1 Title: SHIPALT YON-122D, Nonskid Deck Covering on Main Deck; install (Part-V Preservation Work)

1.2 Location of Work:

1.2.1 Main Deck

1.2.2 Deck House on Main Deck

1.3 Identification:

1.3.1 A Total of (2,430 SF) of Nonskid Deck Covering on Main Deck, Located in 1.2.1

1.3.2 A Total of (4,320 SF) of Preservation on Main Deck and Top of Deck House, Including Up to 4 Inch (Maximum Height) above Vertical Surface of Structural Member and Miscellaneous Appendages on The Deck, Located in 1.2.1 and 1.2.2

2. **REFERENCES:**

2.1 Standard Items (FY26 ~~FY27~~)

2.2 631-8970259, S/A YON-0122D YON-285 Paint Schedule Incidental Barge Conversion

3. **REQUIREMENTS:**

3.1 Accomplish the requirements of **009-32** of 2.1, including Table 2, Line 21, Columns A, B, C and E for each area listed in 1.3.1 and 1.3.2, using 2.2 and manufacture's instruction for guidance.

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

3.1.1.1 Power tool clean each narrow area to SSPC-SP-3 where power tool in 3.1.1 cannot reach.

3.1.1.2 Hand tool clean each narrow area to SSPC-SP-2 where power tool in 3.1.1.1 cannot reach.

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

4. NOTES:

4.1 Initial Condition - YON-285 SHIPALTS 122D has not been completed.

4.2 Dry docking and undocking will be covered by ICN 89MVA86301_A01.

4.3 Marine chemist inspection for entire area of YON-285 will be covered by ICN 89MVA11001_A01.

4.4 The cleaning work of each cargo void (S-1, P-1, S-2, P-2, S-3, P-3, S-4, and P-4) will be covered by ICN: 89MVA12301_A01.

4.5 The cleaning work of each void (Number One through Number 6) will be covered by ICN: 89MVA11001_A01.

4.6 The contractor is responsible to dispose all waste generated by this work item in accordance with Japanese Environmental Governing Standards (JEGS).

5. GOVERNMENT FURNISHED MATERIAL (GFM):

5.1 None.