

SEMAT 1
USS JOHN L. HALL
FFG-32

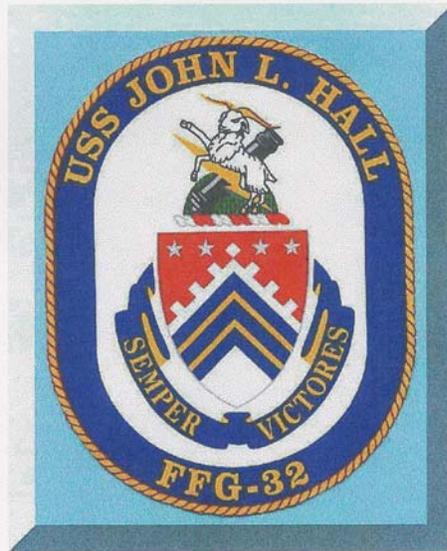
SHELL CONDITION ASSESSMENT
SURVEY INTERIOR AREAS

November 5, 2001-NOVEMBER 16, 2001

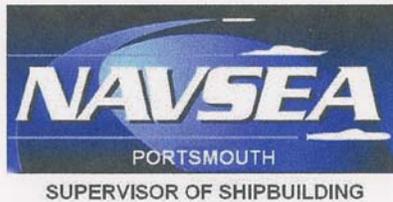


PREPARED BY
SUPSHIP PORTSMOUTH
NOVEMBER 2001

USS JOHN L. HALL
FFG-32



TERRY L. WILSON, CDR., USN
COMMANDING OFFICER



JOHN GRAWL, BRANCH HEAD
JOHN TATUM, SEMAT BRANCH HEAD
HERBERT DAWSON TECHNICAL DIRECTOR

CODE: 220
CODE: 221
CODE: 221

USS JOHN L. HALL (FFG-32)

SHELL/STRUCTURE ASSESSMENT SURVEY

INTERIOR AREAS

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USS JOHN L. HALL FFG-32

SHELL CONDITION ASSESSMENT SURVEY SUMMARY

INTERIOR AREAS

A SEMAT I INTERIOR SHELL AND SUPPORTING STRUCTURE SURVEY OF ALL ACCESSIBLE AREAS WAS CONDUCTED ON BOARD USS JOHN L. HALL FFG-32 IN ACCORDANCE WITH HULL STRUCTURE MRC 1102 AT BENDER SHIPBUILDING AND REPAIR, MOBILE ALABAMA FROM 5 TO 16 NOVEMBER 2001.

UT READINGS WERE TAKEN THROUGHOUT THE ACCESSABLE AREAS, ALL READINGS SAT (LESS THEN 25% DEGRADATION) UNLESS OTHERWISE NOTED. SEVERAL STRUCTURAL MEMBERS WERE 100% DETERIORATED IN ISOLATED AREAS (HOLED).

SEVERAL ISOLATED AREAS OF SHELL PLATING WERE VISUALLY DETERIORATED (PRIMARILY EXFOLIATION). AS PER REQUEST OF THE PORT ENGINEER, THESE AREAS WERE NOT POWER TOOL CLEANED TO SMOOTH BARE METAL, AND RECOMMENDATION TO REPLACE PLATING IS A JUDGEMENT CALL BY THE INSPECTION TEAM BASED ON VISUAL METHODS AS EXFOLIATION AND PITTING PREVENTED ACCURATE UT READINGS.

AREAS OF GREATEST CONCERN ARE 2K'S WRITTEN TO ADDRESS CORROSION IN BILGE AREAS AT THE JUNCTION BETWEEN TANK MARGIN PLATES AND SHELL PLATE PRIMARILY IN LAUNDRY STOREROOMS, COMB SUPPLY STOREROOM, AND CHEM WARFARE STOREROOMS.

AREAS WHERE UT READINGS WERE SAT BUT PRESERVATION IS REQUIRED HAVE ALSO BEEN DOCUMENTED TO IDENTIFY POSSIBLE FUTURE PROBLEM AREAS.

OVERALL CONDITION OF JOHN L. HALL SHELL AND STRUCTURE IS ABOVE AVERAGE FOR THIS CLASS AND THE AGE OF THE VESSEL.

USS JOHN L. HALL – FFG-32 MATERIAL CONDITION ASSESSMENT

HULL STRUCTURE

SEMAT SHELL AND SUPPORT STRUCTURE MRC 1102

ALL COMPARTMENT RESULTS WERE SATISFACTORY

LOCATION	AREA
3-32-1-K	FLAMMABLE LIQUID STORAGE
3-32-2-A	DECK GEAR LOCKER
3-36-2-T	WTRTT ESC TRUNK
3-40-2-A	CPO STOREROOM
3-46-1-A	SPECIAL CLOTHING STOREROOM
3-48-2-A	XO STOREROOM
3-53-2-A	CLOTHING AND SMALL STORES
3-56-0-A	DECK GEAR STOREROOM
3-93-1-Q	400 MHZ ENCLOSURE
3-100-0-L	BERTHING/DRESSING
3-100-1-L	RECREATION LOUNGE
3-113-0-L	CREW WR/WC
3-140-2-L	RECREATION LOUNGE
3-140-1-L	PASSAGE
3-144-0-L	BERTHING/DRESSING
3-154-1-Q	PIPING SPACE
3-156-2-Q	PIPING SPACE
3-180-2-C	SWITCH GEAR ROOM
3-180-5-A	DRY PROVISIONS STOREROOM
3-196-2-A	SHIP STOREROOM
3-236-1-F	SSDG LUBEOIL STORAGE #2
3-236-2-F	SSDG LUBEOIL STORAGE #3
3-272-2-F	LUBEOIL STORAGE TANK 1A
3-278-1-F	LUBEOIL SETTLING TANK 1A
3-278-2-F	LUBEOIL STORAGE TANK 1A
3-286-2-F	LUBEOIL SETTLING TANK 1B
3-286-1-F	LUBEOIL STORAGE TANK 1C
3-316-1-J	JP-5 SERVICE TANK #1A
3-322-1-J	JP-5 SERVICE TANK #1B
4-32-0-Q	SONAR EQUIPMENT ROOM
4-48-2-L	PASSAGE
4-56-2-A	DECK GEAR STOREROOM
4-56-0-M	SMALL ARMS MAGAZINE
4-64-0-Q	MAGAZINE SERVICE ROOM
4-140-0-Q	LAUNDRY
4-160-0-Q	SEWAGE COLLECTION

USS JOHN L. HALL – FFG-32 MATERIAL CONDITION ASSESSMENT

HULL STRUCTURE

SEMAT SHELL AND SUPPORT STRUCTURE MRC 1102

ALL COMPARTMENT RESULTS WERE SATISFACTORY

5-51-0-Q

5-56-0-F

5-64-0-F

5-100-4-F

5-164-1-W

5-180-01-E

5-226-2-E

5-226-1-E

5-368-01-E

5-376-1-A

EDUCTOR ROOM

FUEL TANK

FUEL OVERFLOW TANK

FUEL BALLAST OVERFLOW

OILY WASTE HOLDING

SS DIESEL ENCLOSURE

SS DIESEL ENCLOSURE

SS DIESEL ENCLOSURE

STORAGE GEAR ROOM

BOSN STOREROOM

USS JOHN L. HALL (FFG-32)

STRUCTURE INSPECTION RESULTS

UNSATISFACTORY AREAS

3RD DECK

LOCATION	COMPARTMENT NAME	ITEM
3-328-0-E	COMB SUPPLY STOREROOM	SHELL PLATING, MARGIN PLATING DETERIORATED, PRESERVATION
3-84-0-E	A/C MACHINERY	STRINGER WEB DETERIORATED

4TH DECK

4-140-3-A	LAUNDRY STOREROOM # 1	SHELL/ SUPPORT STRUCTURE DETERIORATED
4-148-3-A	CHEMICAL WARFARE STRM	SHELL/ SUPPORT STRUCTURE DETERIORATED
4-152-1-A	CHEMICAL WARFARE STRM	SHELL/ SUPPORT STRUCTURE DETERIORATED
4-172-1-E	FIRE PUMP ROOM	STRINGER WEB DETERIORATED, PRESERVATION
4-140-2-A	LAUNDRY STOREROOM # 2	DIAGINAL SUPPORT DETERIORATED, PRESERVATION
4-180-0-E	AUX. MACH. ROOM # 1	STRINGER WEBS DETERIORATED, PRESERVATION
4-100-0-E	A. P. U. ROOM	PRESERVATION

5TH DECK

5-250-0-E	MAIN ENGINE ROOM	SHELL PLATING/ STRINGERS DETERIORATED
5-292-0-E	AUX. MACH ROOM # 3	SHELL PLATING/ STRINGERS, INTERCOSTALS DETERIORATED
5-212-0-E	AUX. MACH. ROOM # 2	STRINGER WEB DETERIORATED

**USS JOHN L. HALL (FFG-32)
INSPECTION REPORT
UNASSESSABLE AREAS**

LOCATION	AREA	RESULTS
3-20-0-Q	CHAIN LOCKER	DID NOT INSPECT
3-64-2-V	VOID	REQUIRES GAS FREE
3-64-1-V	VOID	REQUIRES GAS FREE
3-240-1-F	AUX FUEL SVC TK #2	REQUIRES GAS FREE
3-240-2-F	AUX FUEL SVC TK #3	REQUIRES GAS FREE
4-H-0-V	FORE PEAK VOID	REQUIRES GAS FREE
4-20-0-W	SUMP	REQUIRES GAS FREE
4-27-0-V	VOID	REQUIRES GAS FREE
5-FF-0-V	INACCESSIBLE VOID	REQUIRES GAS FREE
5-32-0-W	CLEAN BALLAST TANK	REQUIRES GAS FREE
5-84-2-F	FUEL TANK	REQUIRES GAS FREE
5-100-2-W	APU WELL #2	COULD NOT ACCESS
5-100-1-W	APU WELL #1	COULD NOT ACCESS
5-100-3-F	FUEL BALLAST TANK	REQUIRES GAS FREE
5-116-2-F	FUEL TANK	REQUIRES GAS FREE
5-116-1-F	FUEL TANK	REQUIRES GAS FREE
5-116-0-V	FUEL TANK	REQUIRES GAS FREE
5-132-0-F	CONT OIL SETTLING	REQUIRES GAS FREE
5-137-1-T	OT UNDERWATER LOG	REQUIRES GAS FREE
5-140-2-F	FUEL TANK	REQUIRES GAS FREE
5-140-1-F	FUEL OVERFLOW TANK	REQUIRES GAS FREE
5-164-2-F	FUEL TANK	REQUIRES GAS FREE
5-170-1-F	WASTE OIL RETURN	REQUIRES GAS FREE
5-192-2-F	OILY WASTE DRAIN #1	REQUIRES GAS FREE
5-201-1-F	FUEL TANK	REQUIRES GAS FREE
5-201-3-F	FUEL TANK	REQUIRES GAS FREE
5-204-2-F	SERVICE TANK	REQUIRES GAS FREE
5-204-1-F	SERVICE TANK	REQUIRES GAS FREE
5-220-2-W	WASTE WATER DRAIN #2	REQUIRES GAS FREE
5-222-1-F	OILY WASTE DRAIN #2	REQUIRES GAS FREE
5-250-1-F	FUEL BALLAST TANK	REQUIRES GAS FREE
5-250-2-E	FUEL OVERFLOW BALLAST	REQUIRES GAS FREE
5-270-0-F	CP PROP HYD SUMP	REQUIRES GAS FREE
5-276-0-F	LUBEOIL SUMP TANK	REQUIRES GAS FREE
5-290-2-F	FUEL TANK	REQUIRES GAS FREE
5-292-1-W	POTABLE WATER TANK	REQUIRES GAS FREE
5-292-2-W	POTABLE WATER TANK	REQUIRES GAS FREE
5-293-3-W	POTABLE WATER TANK	REQUIRES GAS FREE
5-308-2-W	POTABLE WATER TANK	REQUIRES GAS FREE
5-308-1-W	POTABLE WATER TANK	REQUIRES GAS FREE
5-328-2-W	CLEAN BALLAST TANK	REQUIRES GAS FREE
5-328-1-W	CLEAN BALLAST TANK	REQUIRES GAS FREE
5-344-0-J	JP-5 TANK	REQUIRES GAS FREE
5-368-0-V	VOID	REQUIRES GAS FREE
5-386-0-V	UNASSESSABLE VOID	UNASSESSABLE VOID
5-392-0-V	VOID	REQUIRES GAS FREE

CSMP REVIEW

ITEM NUMBER		SHIP: USS JOHN L. HALL (FFG32)			
STEM: JLL DECKS		ESWBS: 1300	EIC: A500000	APL: XSYSTEMITEM	RIN:
EQUIPMENT NAME: HULL DECKS		IDENT/SERIAL: NONE	LOCATION: COOLING RM	WORK CENTER: CS03	JSN: 3999
EQUIPMENT STATUS		PROBLEM STATUS	CATEGORY		EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 2. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST 4. S - SHIP'S FORCE *UNCORRECTED PROBLEMS	1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN 8. L - LIMITED		
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE	DEFERRAL REASON	
1. DEPT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SPWL 1	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY Deadline Date:	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 0	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE OR SKILL 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 0. NOT APPLICABLE 7	1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL/PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE 6	
MAN HRS EXPENDED:	MAN HRS REMAINING:	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY
SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE
WHILE PERFORMING PRESERVATION ON HIGHLY DETERIORATED BULKHEAD, A HOLE APPROX 1/3 IN DIA METER THROUGH THE HULL BELOW THE WATER LINE WAS PRODUCED. A TEMPORARY PATCH WAS INSTALLED BY OUTSIDE ACTIVITY WHILE IN WILHEMSHAVEN, GERMANY. XXX REQUEST OUTSIDE ACTIVITY INSPECT AND REPAIR AS NECESSARY. SCREENTO SRA 261. RECOMMEND PERFORM IN CONJUNCTION WITH 'N P015, P016 AND P017. 136131170					
PHOTO 100-1394 SHOWING TEMP PATCH LKG HET					
CSMP SUMMARY DFS L				TEST#	
ROOT CAUSE/AMPLIFICATION				STEP#	
SYSTEM LEVEL IMPACT					
TECHNICIAN MARK APPROPRIATE BLOCKS: 2-KILO IS: <input checked="" type="checkbox"/> VALID (no corrections) <input type="checkbox"/> REWRITE (VALID) <input type="checkbox"/> FOUND COMPLETE <input type="checkbox"/> COMPLETED BY SEMAT <input type="checkbox"/> CANCEL (WORK NOT REQUIRED) <input type="checkbox"/> NOT VALIDATED			UPLOAD VALIDATION INFORMATION/CORRECTIONS TO SNAP: <input type="checkbox"/> YES <input type="checkbox"/> NO COFFERDAM INST		
FIRST CONTACT	RATE	SECOND CONTACT	PHONE		
BUTLER, STG2		STG1(SW) RAIN			
BLUEPRINTS, TECH MANUALS, PLANS, ETC.					
ISSUOR: GUAY/MSC					
CODE:	PHONE:	TD	TL	LOGISTICIAN	PAGE NO.

**USS JOHN L. HALL (FFG-32) SONAR COOLING EQUIPMENT4-48-1-Q
JSN CSO3-3999**



PHOTO 100-3 1394 SHOWING TEMP PATCH (RED AREA) LKG AFT TO BLKD/FRM 56

CSMP REVIEW

ITEM NUMBER		SHIP: USS JOHN L. HALL (FFG32)			
STEM: JLL DECKS		ESWBS: 1300	EIC: A500000	APL: XSYSTEMITEM	RIN:
EQUIPMENT NAME: HULL DECKS		IDENT/SERIAL: NONE	LOCATION: COOLING RM	WORK CENTER: CS03	JSN: 3999
EQUIPMENT STATUS		PROBLEM STATUS	CATEGORY		EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 2. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST 4. S - SHIP'S FORCE *UNCORRECTED PROBLEMS	1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN 8. L - LIMITED		
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE	DEFERRAL REASON	
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SPWL 1	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY Deadline Date:	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 0	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE OR SKILL 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 0. NOT APPLICABLE 7	1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL/PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE 6	
MAN HRS EXPENDED:	MAN HRS REMAINING:	COMPLETED ACTION TAKEN		S/F MANHOURS:	PRIORITY:
SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION		1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE	
WHILE PERFORMING PRESERVATION ON HIGHLY DETERIORATED BULKHEAD, A HOLE APPROX 1/3 IN DIA METER THROUGH THE HULL BELOW THE WATER LINE WAS PRODUCED. A TEMPORARY PATCH WAS INSTALLED BY OUTSIDE ACTIVITY WHILE IN WILHEMSHAVEN, GERMANY. XXX REQUEST OUTSIDE ACTIVITY INSPECT AND REPAIR AS NECESSARY. SCREENTO SRA 261. RECOMMEND PERFORM IN CONJUNCTION WITH N P015, P016 AND P017. 136131170					
PHOTO 100-1394 SHOWING TEMP PATCH LKG HET					
CSMP SUMMARY: DFS L				TEST#	
ROOT CAUSE/AMPLIFICATION				STEP#	
SYSTEM LEVEL IMPACT					
TECHNICIAN MARK APPROPRIATE BLOCKS: 2-KILO IS: <input checked="" type="checkbox"/> VALID (no corrections) <input type="checkbox"/> REWRITE (VALID) <input type="checkbox"/> FOUND COMPLETE <input type="checkbox"/> COMPLETED BY SEMAT <input type="checkbox"/> CANCEL (WORK NOT REQUIRED) <input type="checkbox"/> NOT VALIDATED			UPLOAD VALIDATION INFORMATION/CORRECTIONS TO SNAP: <input type="checkbox"/> YES <input type="checkbox"/> NO COFFERDAM INST		
FIRST CONTACT: BUTLER, STG2	RATE:	SECOND CONTACT: STG1(SW) RAIN	PHONE:		
BLUEPRINTS, TECH MANUALS, PLANS, ETC.					
ISSUOR: GUAY/MSC			TD:	TL:	LOGISTICIAN:
CODE:		PHONE:		PAGE NO:	

**USS JOHN L. HALL (FFG-32) SONAR COOLING EQUIPMENT ROOM 4-48-1-Q
JSN CS03-PO15**



BLKHD LKG OTBD AND AFT TO BLKD 156 SHOWING REMOVED STRINGERS AND INTERCOSTALS COFFERDAM INSTLD OTBD



SAME AS ABOVE EXCEPT LKG FWD TO BLKD 48

USS JOHN L HALL (FFG-32) SONAR COOLING EQUIPMENT ROOM 4-48-1-Q
JSN CS03-P015



VIEW OF CENTER OF BLKD TO DECK

CSMP REVIEW

ITEM NUMBER		SHIP USS JOHN L. HALL (FFG32)			
SYSTEM ULL DECKS		ESWBS 1100	EIC A100000	APL XSYSTEMITEM	RIN
EQUIPMENT NAME SHELL AND SUPPOR		IDENT/SERIAL NONE	LOCATION NOT APPLIC	WORK CENTER EM02	JSN A554
EQUIPMENT STATUS		PROBLEM STATUS	CATEGORY		EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 2. NOB - EQUIPMENT NOT ONBOARD		1. C - CORRECTED 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST* 4. S - SHIP-S FORCE *UNCORRECTED PROBLEMS	1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN 8.L - LIMITED		
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE		DEFERRAL REASON
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 1	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY Deadline Date: 10/01/2002	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 3	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE OR SKILL 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 0. NOT APPLICABLE 7		1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR SF ACCOMPLISHMENTS 8. FOR SF OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE 0
MAN HRS EXPENDED:	MAN HRS REMAINING:	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY
SAFETY HAZARD:		1. MAINTENANCE ACTION COMPLETED. PARTS DRAWN FROM SUPPLY. 2. MAINTENANCE ACTION COMPLETED. REQUIRED PARTS NOT DRAWN FROM SUPPLY. 3. MAINTENANCE ACTION COMPLETED. NO PARTS REQUIRED. 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP. 7. MAINTENANCE ACTION COMPLETED. 3-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION.			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE
PER SEMAT II - INSPECTION OF AUX 3 (5-292-0-E) PORT BILGE, HULL FRAME 324 STRUCTURE, HORIZONTAL AND VERTICAL STIFFENERS INBD OF POTABLE WATER TANK (5-308-2W) AND 2 FT BELOW GRATING LEVEL WERE FOUND CORRODED AND HOLED. XXX REMOVE CORROSION, WELD REPAIR AND PRESERVE. 1261302851261 15-OCT-0114-DEC-01					
<p><i>PHOTO 14B CORRODED VERT STIFF</i></p> <p><i>1412 5/3 LKG FWD OTBD</i></p> <p><i>1411 SHELL PLAT BTWP 52/53</i></p> <p><i>Frm 323</i></p>					
CSMP SUMMARY		AUX FRAME-324 CORRODED STIFNER		TEST#	
ROOT CAUSE/AMPLIFICATION				STEP#	
SYSTEM LEVEL IMPACT					
TECHNICIAN MARK APPROPRIATE BLOCKS: 2-KILO IS:			UPLOAD VALIDATION INFORMATION/CORRECTIONS TO SNAP:		
<input type="checkbox"/> VALID (no corrections) <input checked="" type="checkbox"/> REWRITE (VALID) <input type="checkbox"/> FOUND COMPLETE <input type="checkbox"/> COMPLETED BY SEMAT <input type="checkbox"/> CANCEL (WORK NOT REQUIRED) <input type="checkbox"/> NOT VALIDATED			<input type="checkbox"/> YES <input type="checkbox"/> NO		
FIRST CONTACT		RATE	SECOND CONTACT	PHONE	
			EN1(SW) PATTE		
BLUEPRINTS, TECH MANUALS, PLANS, ETC.					ON BRD
					YES/NO
ASSESSOR: <i>GUAY (msa)</i>			TD	TL	LOGISTICIAN
CODE:			PHONE:		PAGE NO.

JOHN L. HALL (FFG-32) EM02-A554



SHELL PLATE BTWN S2 AND S3 INBD OF PORT POT WTR TANK U/T SAT



S3 PORT LKG FWD AND OTBD U/T SAT

JOHN L. HALL (FFG-32) EMO2-A554



CORRODED VERT STIFFENER AT S2 FRM 323

JOHN L.HALL (FFG-32)

EMO2 Y071



INBD PORT POT WATER TANK AT FRAME 328 AMR3



INBD STBD POT WATER TANK AT FRAME 328 AMR3

JOHN L. HALL (FFG-32)

EMO2 Y071



FRM 316 SHAFT FRAME UPPER



FRAME 316 SHAFT FRAME LOWER

JOHN L. HALL (FFG-32) EMO2 Y017



OTBD PORT POT WTR TANK AFT OF SSDG ENCL

MATERIAL ASSESSMENT FORM

INT TRK #140-160

(SPORT CODE 220 USE ONLY) (STRUCTURAL ASSESSMENT)

Area:

ITEM NUMBER		SHIP USS JOHN L. HALL (FFG-32)			
SYSTEM HULL STRUCTURES		ESWBS 11011	EIC A100	APL X SYSTEM APL	RIN N/L
EQUIPMENT NAME SHELL PLATING AND SUPPORT		IDENT/SERIAL N/A	LOCATION VARIOUS	WORK CENTER SS03	JSN P009
EQUIPMENT STATUS 1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		PROBLEM STATUS 1. C - CORRECTED* 2. A - AWAITING PARTS* 3. T - AWAITING TECH ASSIST* 4. S - SHIPS FORCE* UNCORRECTED PROBLEMS 2	CATEGORY 1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN* 5. L - LIMITED		EOC .6
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE	DEFERRAL REASON	
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE OR SKILL 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE	1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FO S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE	
MAN HRS EXPENDED 3	MAN HRS REMAINING 80	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY 4
SAFETY HAZARD 1. SERIOUS - CORRECT SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 2. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 3. SAFETY ITEM - MINOR 4. COMBUSTIBLE MATERIAL 5. AS SOON AS POSSIBLE		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 2-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION		1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE	
DISCREPANCY DESCRIPTION: AS PER SEMAT I INSPECTION AT: FRM/BLKD I40 AFT TO BLKD 160 INCLUDING LAUNDRY STRM #1 4-140-3-A, CHEM WARFARE STRM 4-148-3-A AND CHEM WARFARE STRM 4-152-1-A BILGE FROM TANK MARGIN PLATE TO SPRINGER 7 FLOODED TO DECK PLATE LVL IN 4-140-3-A AND DET IN REMAINING SPACES. DET OF DECK PLATE SUPPORTS IN 4-140-3-A VISABLE, ALL AREAS TOO DET FOR ACCURATE U/T READINGS					
STILL PIX NOS: 1402-1407					
POC: J. TATUM SPORT CODE 221 (757) 396-4001X2192 TPOC: M. GUAY (MSC) (757) 494-9025 B.CAIN (MSC) 1-888-825-6881					
RECOMMENDED REPAIRS: PUMP OUT CLEAN AND U/T ENTIRE AREA, FROM MARGIN PLATE OTBD TO STINGER 7 TO DECK PLATES, REPAIR SHELL AND SUPPORTS BASED ON U/T REPORT. PREP AND PRESERVS ENTIRE AREA IAW STD-ITEM 009-32 (NSTM-631)					
CSMP SUMMARY PMP,CLN U/T RPR ,PREP AND PRSERVE BILGE FRM 140-160 STBD				TEST # MRC 1102/1	
ROOT/CAUSE AMPLIFICATION I				STEPS # 1,2,3,4&5	
PART NO.	NOMENCLATURE	QTY	NSN	COST	
FIRST CONTACT WILLIAMS	RATE SH2	SECOND CONTACT GUILLE		RATE SH3	PHONE
ASSESSOR / ACT / TECH ID# SUPSHIP PORTSMOUTH M.GUAY/B.CAIN./G BAUER (MSC)			TD	TL	LOGISTICIAN TSP

USS JOHN L. HALL (FFG-32) VARIOUS SPACES FROM FRM/BLKD 140 AFT TO BLKD 160
STBD SIDE SPACES INVOLVED 4-140-3-A LNDRY STRM #1 AND CHEM WARFARE STRMS
4-148-3-A AND 4-152-1-A

JSN SS03-POO9



4-140-3-A 11/13/01 LKG AFT TO FRM 148 SHOWING WATER TO LVL OF DECK PLTES AND
DET OF DECK PLATE SUPPORTS (PHOTO 1402)



SAME AREA AS ABOVE LKG FWD 4-140-3-A 11/13/01 (PHOTO 1403)

USS JOHN L. HALL (FFG-32) VARIOUS SPACES FROM FRM/ BLKD 140 AFT TO BLKD 160 STBD SIDE. SPACES INVOLVED 4-140-3-A LNDY STRM #1 AND CHEM WARFARE STRMS 4-18-3-A AND 4-152-1-A

JSN SS03-P009



CHEM WARFARE STRM 4-148-3-A 11/13/01 STBD SHOWING BILGE FROM MARGIN PLATE TO S7 SHOWING DET OF PLATING, TOO DET FOR ACCURATE U/T RDGS (PHOTO 1404)



SAME SPACE AND AREA AS ABOVE LKG FROM 4-152-1-A UNDER BLKD (PHOTO 1405)

USS JOHN L. HALL (FFG-32) VARIOUS SPACES FROM FRM/ BLKD 140 AFT TO BLKD 160 STBD SIDE. SPACES INVOLVED 4-140-3-A LNDY STRM #1 AND CHEM WARFARE STRMS 4-18-3-A AND 4-152-1-A

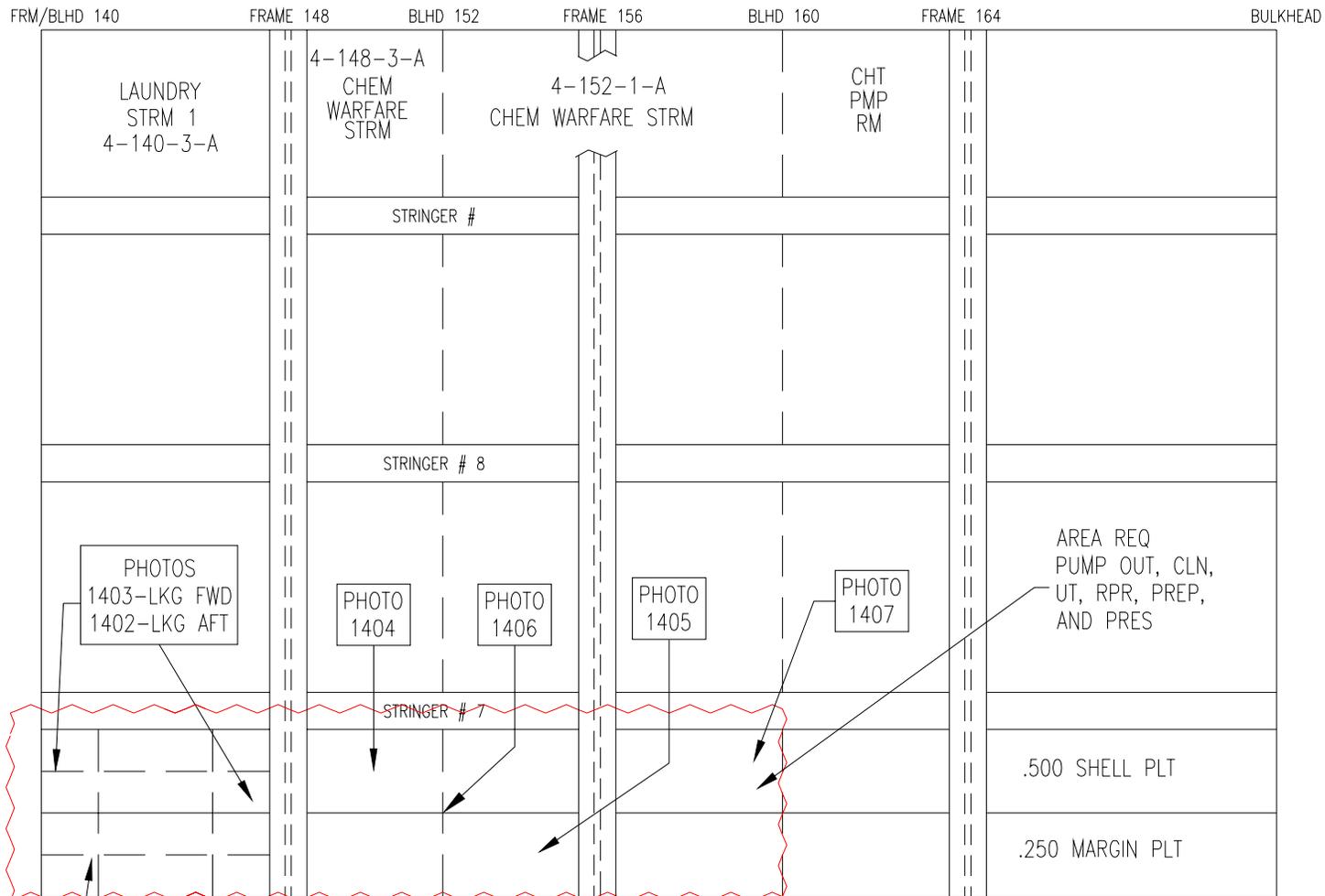
JSN SS03-P009



CHEM WARFARE DEF STRM 4-152-1-A 11/13/01 STBD LKG AFT FROM FRM 156 SHOWING COATING FAILURE BETWN S7 (LFT) AND MARGIN PLATE RT (PHOTO 1406)



USS JOHN L. HALL FFG-32 MOBILE, AL



DECK PLATE
SUPPORTS DET
WATER TO
DK PLT LVL

LOCATION VARIOUS FROM BHD 140 TO BHD 160
LKG TO STBD

UT 009
R. CAIN
MSC U/T CERTIFIED
NOV. 5 - NOV. 16, 2001

MATERIAL ASSESSMENT FORM

INT TRK #41800E2

(SPORT CODE 220 USE ONLY) (STRUCTURAL ASSESSMENT)

Area:

ITEM NUMBER		SHIP USS JOHN L. HALL (FFG-32)			
SYSTEM HULL STRUCTURES		ESWBS 11011	EIC A100	APL X SYSTEM APL	RIN N/L
EQUIPMENT NAME SHELL PLATING AND SUPPORT		IDENT/SERIAL N/A	LOCATION 4-180-0-E	WORK CENTER EM02	JSN P019
EQUIPMENT STATUS 1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		PROBLEM STATUS 1. C - CORRECTED* 2. A - AWAITING PARTS* 3. T - AWAITING TECH ASSIST* 4. S - SHIPS FORCE* UNCORRECTED PROBLEMS 2	CATEGORY 1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN* 5. L - LIMITED		EOC .6
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE	DEFERRAL REASON	
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE	1. ABNORMAL ENVIROMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE OR SKILL 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE	1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FO S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE	
MAN HRS EXPENDED 2	MAN HRS REMAINING 100	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY 4
SAFETY HAZARD 1. SERIOUS - CORRECT SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 2. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 3. SAFETY ITEM - MINOR 4. COMBUSTIBLE MATERIAL 5. AS SOON AS POSSIBLE		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 2-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION		1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE	
DISCREPANCY DESCRIPTION: AS PER SEMAT I INSPECTION AT: AMR1 4-180-0-E STRINGERS 5 AND 6 WEBS FRM BLKD 204 FWD 24" DETERIORATED, UNABLE TO UT DUE TO EXCESSIVE CORROSION.					
STILL PIX NOS 1372, 1373					
POC: J. TATUM SPORT CODE 221 (757) 396-4001X2192 TPOC: M. GUAY (MSC) (757) 494-9025 B.CAIN (MSC) 1-888-825-6881					
RECOMMENDED REPAIRS: REPLACE APPROX 24" 18X71/2 X50# 1T AT S5 FROM BLKD/FRM 204 FWD AND 24" OF 7X63/4 #15T AT S6 FROM BLKD/FRM 204 FWD. WELD IAW STD ITM 009-12 PREP AND PRESERVE IAW STD ITM 009-32 (NSTM 631).					
CSMP SUMMARY STRUCTURAL REPAIRS AMR1 4-180-0-E				TEST # MRC 1102/1	
ROOT/CAUSE AMPLIFICATION I				STEPS # 1,2,3,4&5	
PART NO.	NOMENCLATURE	QTY	NSN	COST	
FIRST CONTACT MARSH	RATE EN2	SECOND CONTACT VARELLA		RATE EN3	PHONE
ASSESSOR / ACT / TECH ID# SUPSHIP PORTSMOUTH R/NORMAN (SPORT)/M.GUAY / G. BAUER (MSC)			TD	TL	LOGISTICIAN TSP

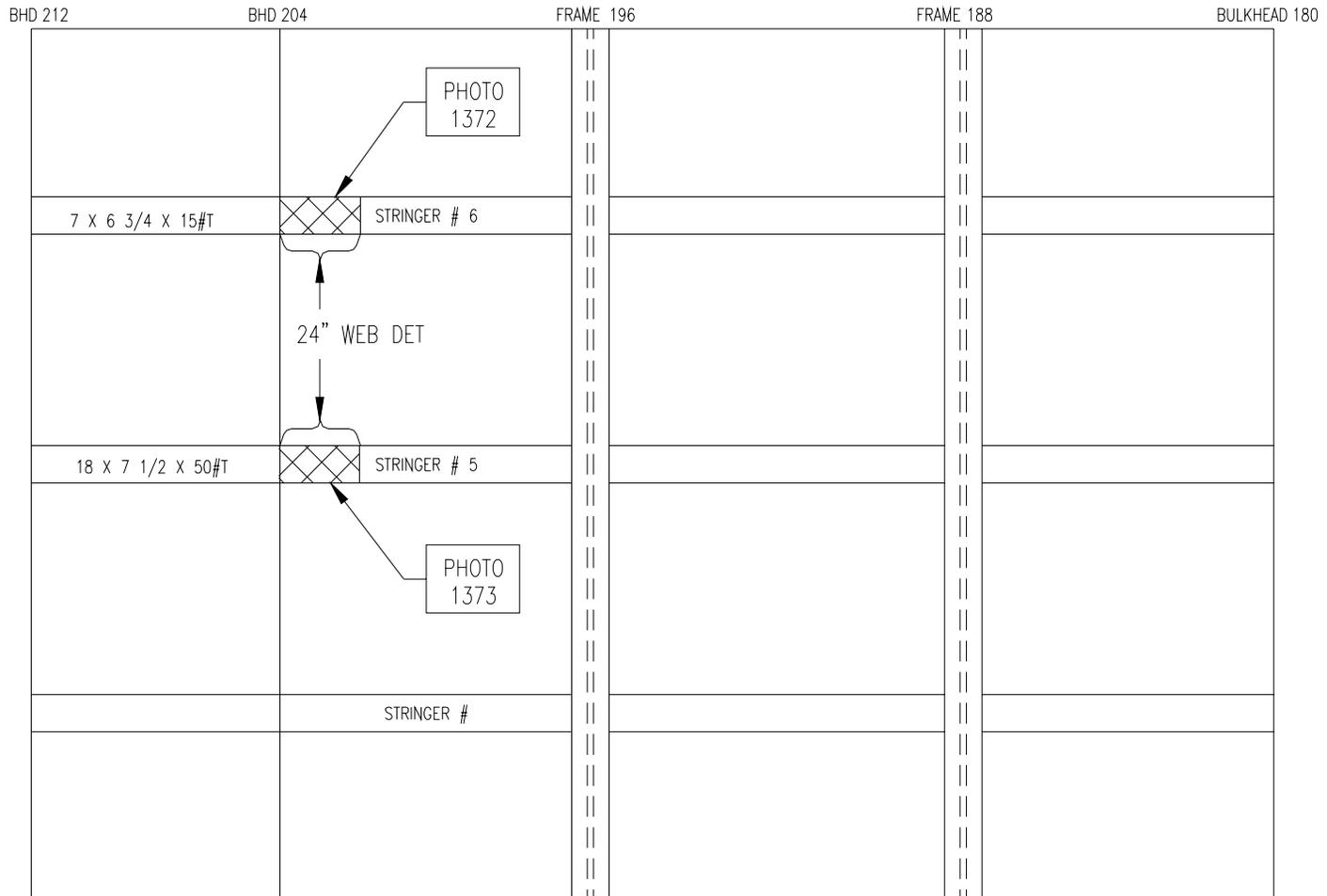


AMR 1 11/8/01 STRINGER 7 AT BLKHD 204 PTSD (PHOTO 1372)



AMR 1 11/8/01 STRINGER 6 AT BLKHD 204 PTSD (PHOTO 1373)

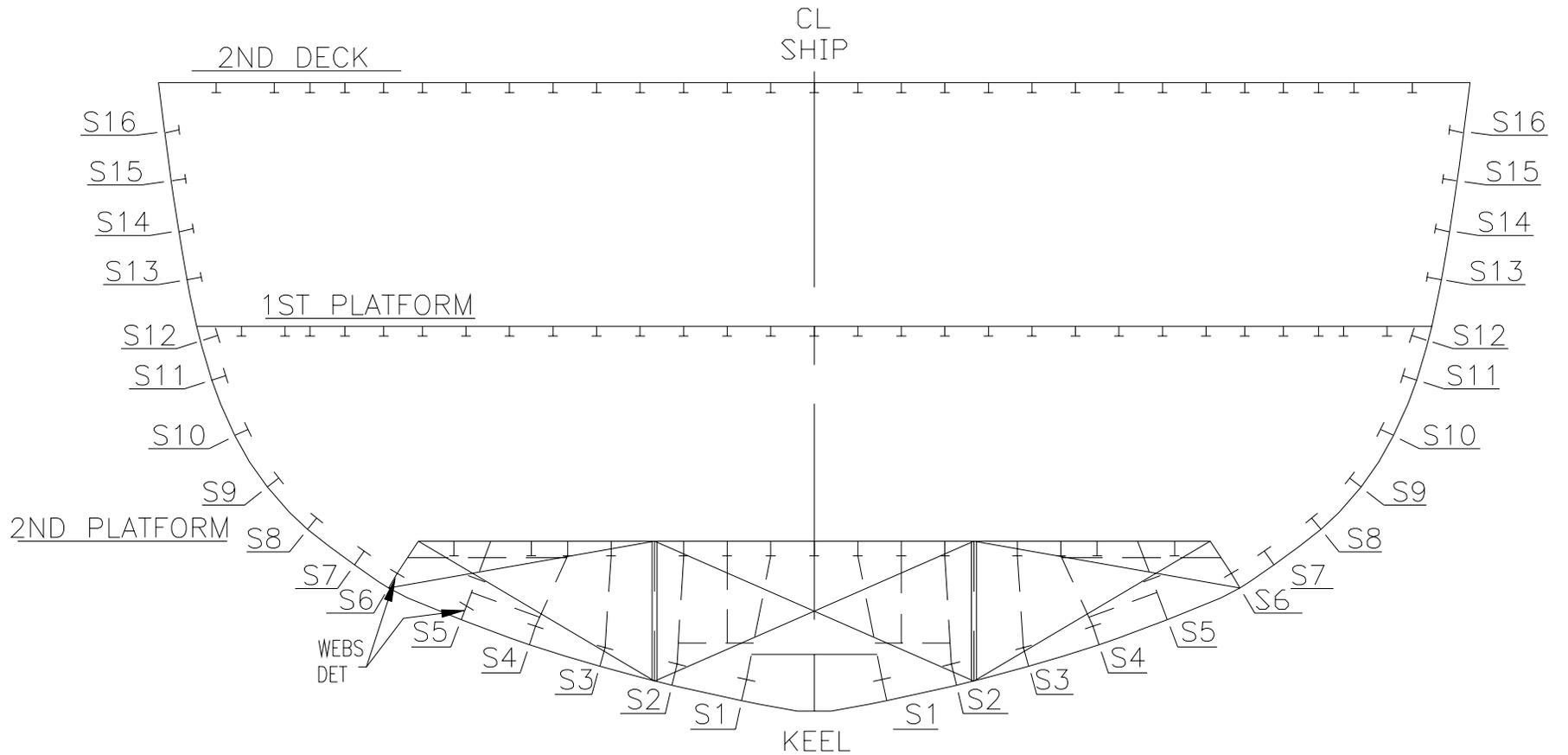
USS JOHN L. HALL FFG-32
MOBILE, AL



LOCATION AMR 1 PORTSIDE 4-180-0-E
LKG TO PORT

UT P019
R. CAIN
MSC U/T CERTIFIED
NOV. 5 - NOV. 16, 2001

USS JOHN L. HALL FFG-32
MOBILE, AL



LOCATION AMR 1 4-180-0-E
ELEVATION - LKG FWD
AT FRAME 204

UT P019-2
R. CAIN
MSC U/T CERTIFIED
NOV 5 - NOV 16, 2001

MATERIAL ASSESSMENT FORM

INT TRK #41800E

(SPORT CODE 220 USE ONLY) (STRUCTURAL ASSESSMENT)

Area:

ITEM NUMBER		SHIP USS JOHN L. HALL (FFG-32)				
SYSTEM HULL STRUCTURES		ESWBS 11011	EIC A100	APL X SYSTEM APL		RIN N/L
EQUIPMENT NAME SHELL PLATING AND SUPPORT		IDENT/SERIAL N/A	LOCATION 4-180-0-E	WORK CENTER EMO2	JSN P020	
EQUIPMENT STATUS 1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		PROBLEM STATUS 1. C - CORRECTED* 2. A - AWAITING PARTS* 3. T - AWAITING TECH ASSIST* 4. S - SHIPS FORCE* UNCORRECTED PROBLEMS 2	CATEGORY 1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN* 5. L - LIMITED			EOC .6
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE	DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 1	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY 3	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 3	1. ABNORMAL ENVIROMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE OR SKILL 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE 7	1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FO S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE 6		
MAN HRS EXPENDED 6	MAN HRS REMAINING 100	COMPLETED ACTION TAKEN	S/F MANHOURS	PRIORITY 4		
SAFETY HAZARD 1. SERIOUS - CORRECT SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 2. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 3. SAFETY ITEM - MINOR 4. COMBUSTIBLE MATERIAL 5. AS SOON AS POSSIBLE		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 2-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE 4	
DISCREPANCY DESCRIPTION: AS PER SEMAT I INSPECTION AT: AMR1 4-180-0-E UNDRWTR SHELL AND SUPPORT ASSESSMENT, BILGE IN AMR1 FROM FRM/BLKHD 212 FWD TO FRM/BLKHD 204 FRM CL TO 1/2 PAST S2 AND FROM FRM/BLKHD 204 TO S5 TO FRM/BLKHD 180, UNABLE TO UT DUE TO ACCESS DEBRIS AND OILY WATER IN BILGE, VARIOUS AREAS OF COATING FAILURE NOTED. (UT IN ACCESSIBLE AREAS WITHIN TOLERANCE ACCEPT AS NOTED ON SEPARATE MAF)						
STILL PIX NOS 1363-1371						
POC: J. TATUM SPORT CODE 221 (757) 396-4001X2192 TPOC: M. GUAY (MSC) (757) 494-9025 B.CAIN (MSC) 1-888-825-6881						
RECOMMENDED REPAIRS: PUMP OUT BILGE IN AREA SPECIFIED, REMOVE DEBRIS AND UT AREA TO DETERMINE STRUCTURAL INTEGRITY						
CSMP SUMMARY AMR1 STRUCT ASSESSMENT BELOW DECK PLATES					TEST # MRC 1102/1	
ROOT/CAUSE AMPLIFICATION I					STEPS # 1,2,3,4&5	
PART NO.	NOMENCLATURE	QTY	NSN	COST		
FIRST CONTACT MARSH	RATE EN2	SECOND CONTACT VARELLA	RATE EN3	PHONE		
ASSESSOR / ACT / TECH ID# SUPSHIP PORTSMOUTH R/NORMAN (SPORT)/M.GUAY / G.BAUR (MSC)			TD	TL	LOGISTICIAN	TSP



AMR 1 11/8/01 INBD FROM FRM196 TO CL FROM S3 PORT (SHOWING SOLID BALLAST AND OILY WASTE) PHOTO 1363



AMR1 11/8/01 FROM FRM 196 S2 AFT TO BLKHD/FRM204 PTSD (PHOTO 1364)



AMR1 11/8/01 FRM196 INBD AND SLIGHTLY AFT TO C/L FROM S2 PORT (PHOTO 1365)



AMR1 11/8/01 FROM S3 FRM 196 PORT OTBD AND SLIGHTLY AFT TO S4 (PHOTO 1366)

USS JOHN L. HALL (FFG-32) AMR1 4-180-0-E JSN EM02 P020



AMR1 11/8/01 FROM FRAME 196 OTBD TO S6 PTSD (PHOTO 1367)



AMR1 11/8/01 FROM S3 FRM 196 OTBD TO S6 DECK PLATES PTSD (PHOTO 1368)

USS JOHN L. HALL (FFG-32) AMR1 4-180-0-E JSN EM02 P020



AMR1 11/8/01 S5 AT BLKD 204 PTSD LKNG OTBD (PHOTO 1369)



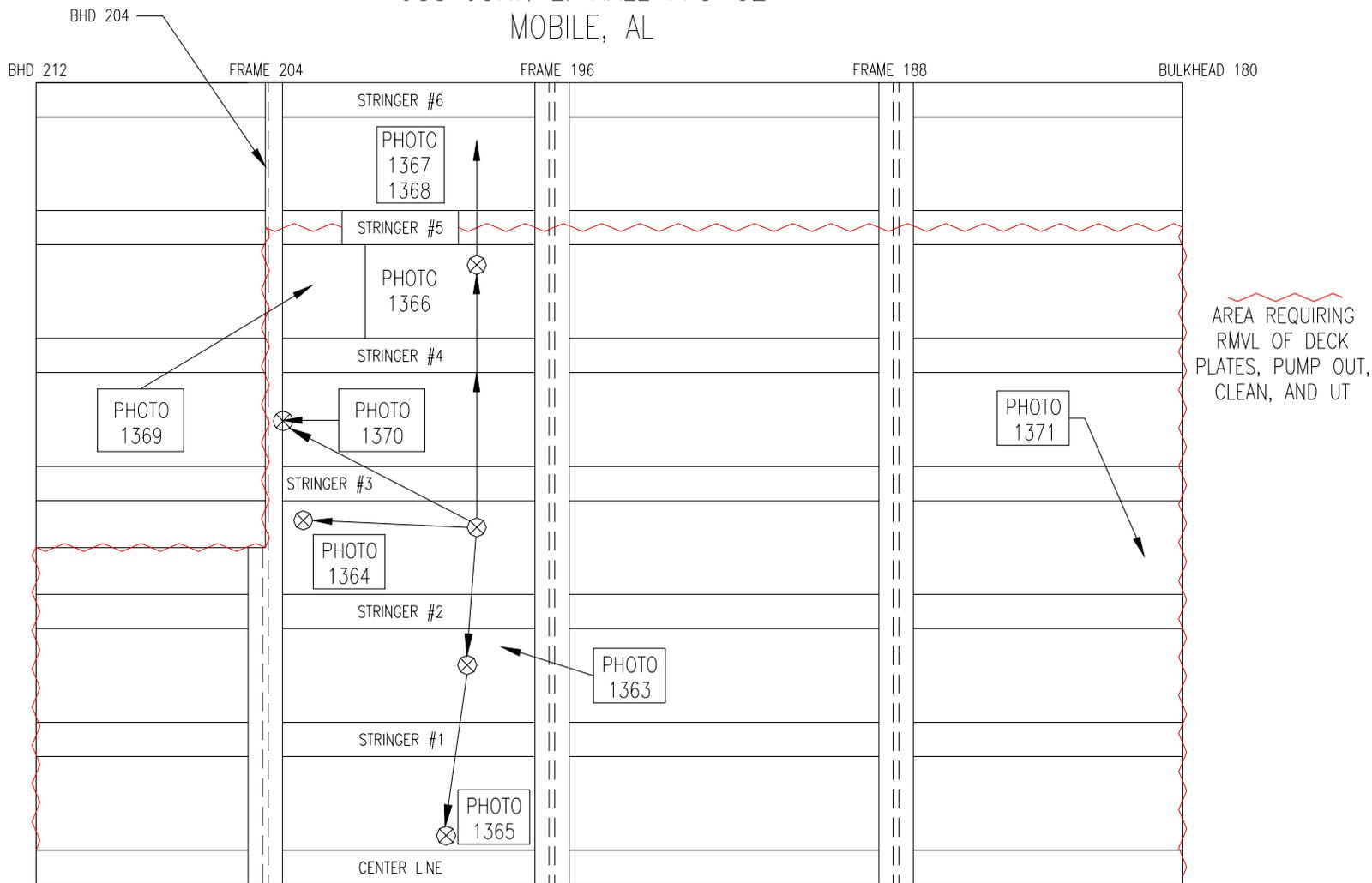
AMR1 11/8/01 BHD 204 BTWN S3 AND S4 PTSD (PHOTO 1370)

USS JOHN L. HALL (FFG-32) AMR1 4-180-0-E JSN EM02 P020



AMR1 11/8/01 SHELL PLATE AT BLKHD/FRM 180 BTWN S2 AND S3 PTSD (PHOTO 1371)

USS JOHN L. HALL FFG-32
MOBILE, AL



LOCATION AMR 1 4-180-0-E
LKG TO PORT

UT P020
R. CAIN
MSC U/T CERTIFIED
NOV. 5 - NOV. 16, 2001

MATERIAL ASSESSMENT FORM

INT TRK #41000E

(SPORT CODE 220 USE ONLY) (STRUCTURAL ASSESSMENT)

Area:

ITEM NUMBER		SHIP USS JOHN L. HALL (FFG-32)			
SYSTEM HULL STRUCTURES		ESWBS 11011	EIC A100	APL X SYSTEM APL	
EQUIPMENT NAME SHELL PLATING AND SUPPORT		IDENT/SERIAL N/A	LOCATION 4-100-0-E	WORK CENTER EMO3	JSN PO65
EQUIPMENT STATUS 1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		PROBLEM STATUS 1. C - CORRECTED* 2. A - AWAITING PARTS* 3. T - AWAITING TECH ASSIST* 4. S - SHIPS FORCE* UNCORRECTED PROBLEMS 2	CATEGORY 1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN* 5. L - LIMITED		EOC .6
TYPE AVAILABILITY 1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	WHEN TO BE ACCOMPLISHED 1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY	STATUS 1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE	CAUSE 1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE OR SKILL 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE	DEFERRAL REASON 1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FO S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE	
MAN HRS EXPENDED 2	MAN HRS REMAINING 40	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY 4
SAFETY HAZARD 1. SERIOUS - CORRECT SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 2. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 3. SAFETY ITEM - MINOR 4. COMBUSTIBLE MATERIAL 5. AS SOON AS POSSIBLE		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 2-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION		1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE	
DISCREPANCY DESCRIPTION: AS PER SEMAT I INSPECTION AT: 4-100-0-E APU ROOM SHELL PLATE AND MARGIN PLATE FROM MARGIN PLATE OTBD TO STRINGER 6 FROM BLKD/FRM 100 TO 108 REQUIRES PRESERVATION U/T READINGS SAT. TOTAL AREA APPROX 24 SQ FT.					
STILL PIX NOS 1390-1392					
POC: J. TATUM SPORT CODE 221 (757) 396-4001X2192 TPOC: M. GUAY (MSC) (757) 494-9025 B.CAIN (MSC) 1-888-825-6881					
RECOMMENDED REPAIRS: PREP AND PRESERVE AREA IAW STD ITEM 009-32 (NSTM631)					
CSMP SUMMARY PRESERVATION 4-100-0-E					
ROOT/CAUSE AMPLIFICATION I				TEST # MRC 1102/1	
STEPS # 1,2,3,4&5					
PART NO.	NOMENCLATURE	QTY	NSN	COST	
FIRST CONTACT WILLIAMS	RATE EM1	SECOND CONTACT McCARTHY		RATE FN	PHONE
ASSESSOR / ACT / TECH ID# SUPSHIP PORTSMOUTH M.GUAY /G.BAUR (MSC)			TD	TL	LOGISTICIAN TSP

USS JOHN L. HALL (FFG-32) APU ROOM 4-100-0-E
JSN EM03 P065



APU ROOM 4-100-0-E 11/11/01 STBD FROM MARGIN PLATE TO S6 LKG AFT TO BLKHD/FRM 108. U/T SAT, AREA REQUIRES PRESERVATION (PHOTO 1390)



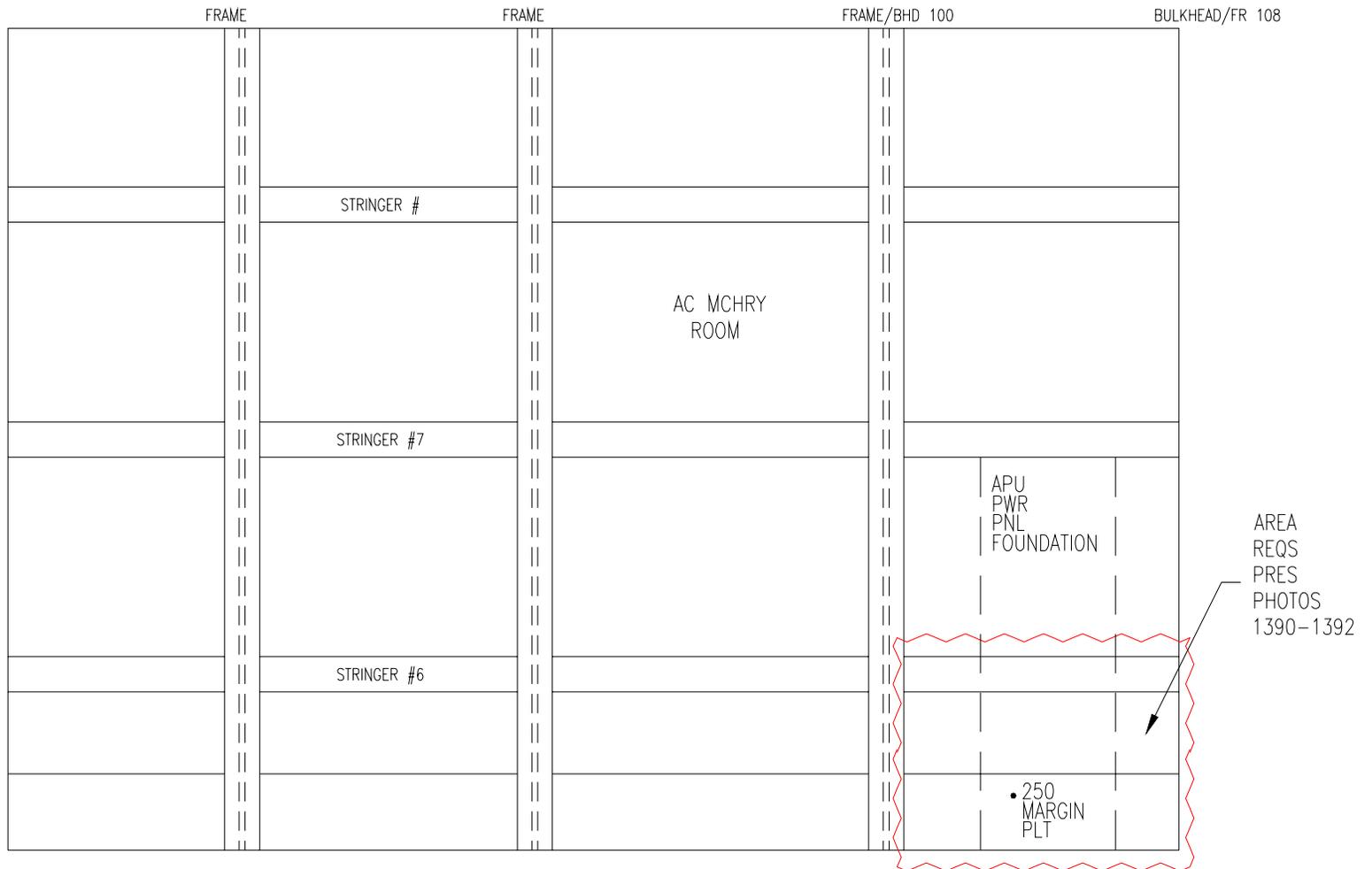
APU ROOM 4-100-0-E MARGIN PLATE AND SHELL LKG FWD UNDER APU PWR PANEL FOUNDATION. U/T SAT, AREA REQUIRES PRESERVATION. (PHOTO 1391)

USS JOHN L. HALL (FFG-32) APU ROOM 4-100-0-E
JSN EM03 P065



APU ROOM 4-100-0-E 11/11/01 SHELL PLATE FWD OF PWR PANEL FND SHOWING SHELL PLATE TO S6. AREA REQUIRES PRESERVATION (PHOTO 1392)

USS JOHN L. HALL FFG-32
MOBILE, AL



LOCATION APU ROOM 4-100-0-E
LKG TO STBD

UT P065

R. CAIN
MSC U/T CERTIFIED
NOV. 5 - NOV. 16, 2001

MATERIAL ASSESSMENT FORM

INT TRK #41721E#1

(SPORT CODE 220 USE ONLY) (STRUCTURAL ASSESSMENT)

Area:

ITEM NUMBER		SHIP USS JOHN L. HALL (FFG-32)			
SYSTEM HULL STRUCTURES		ESWBS 11011	EIC A100	APL X SYSTEM APL	RIN N/L
EQUIPMENT NAME SHELL PLATING AND SUPPORT		IDENT/SERIAL N/A	LOCATION 4-172-1-E	WORK CENTER EMO2	JSN P029
EQUIPMENT STATUS 1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		PROBLEM STATUS 1. C - CORRECTED* 2. A - AWAITING PARTS* 3. T - AWAITING TECH ASSIST* 4. S - SHIPS FORCE* UNCORRECTED PROBLEMS 2	CATEGORY 1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN* 5. L - LIMITED		EOC .6
TYPE AVAILABILITY 1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 1	WHEN TO BE ACCOMPLISHED 1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY 3	STATUS 1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 3	CAUSE 1. ABNORMAL ENVIROMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE OR SKILL 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE 7	DEFERRAL REASON 1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FO S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE 6	
MAN HRS EXPENDED 2	MAN HRS REMAINING 100	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY 4
SAFETY HAZARD 1. SERIOUS - CORRECT SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 2. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 3. SAFETY ITEM - MINOR 4. COMBUSTIBLE MATERIAL 5. AS SOON AS POSSIBLE		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 2-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION		1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE 4	
DISCREPANCY DESCRIPTION: AS PER SEMAT I INSPECTION AT: 4-172-1-E FIRE PUMP ROOM STINGER 7 STBD FROM FRM/BLKD 172 TO FRM/BLKD 180 WEB DETERIORATED UNABLE TO U/T DUE TO EXCESSIVE DET					
STILL PIX NOS 1387-1389					
POC: J. TATUM SPORT CODE 221 (757) 396-4001X2192 TPOC: M. GUAY (MSC) (757) 494-9025 B.CAIN (MSC) 1-888-825-6881					
RECOMMENDED REPAIRS: REPLACE 8FT OF 7X63/4X15#T AT STRINGER 7 FROM FRM/BLKD 172 AFT TO FRM/BLKD 180 WELD IAW STD ITEM 009-12 , PREP AND PRESERVE AREA IAW STD ITEM 009-32 (NSTM631)					
CSMP SUMMARY STRUCTURAL REPAIRS 4-172-1-E				TEST # MRC 1102/1	
ROOT/CAUSE AMPLIFICATION I				STEPS # 1,2,3,4&5	
PART NO.	NOMENCLATURE	QTY	NSN	COST	
FIRST CONTACT MARSH	RATE EN2	SECOND CONTACT VARELLA		RATE EN3	PHONE
ASSESSOR / ACT / TECH ID# SUPSHIP PORTSMOUTH M.GUAY /G.BAUR (MSC)			TD	TL	LOGISTICIAN TSP

USS JOHN L. HALL (FFG-32) FIRE PUMP ROOM 4-172-0-E
JSN EM02 P029



FIRE PUMP ROOM 4-172-1-E 11/11/01 STRINGER 7 WEB DET. SHOWING HOLE (CENTER OF STRINGER) TOO DET FOR U/T READING (PHOTO 1387)



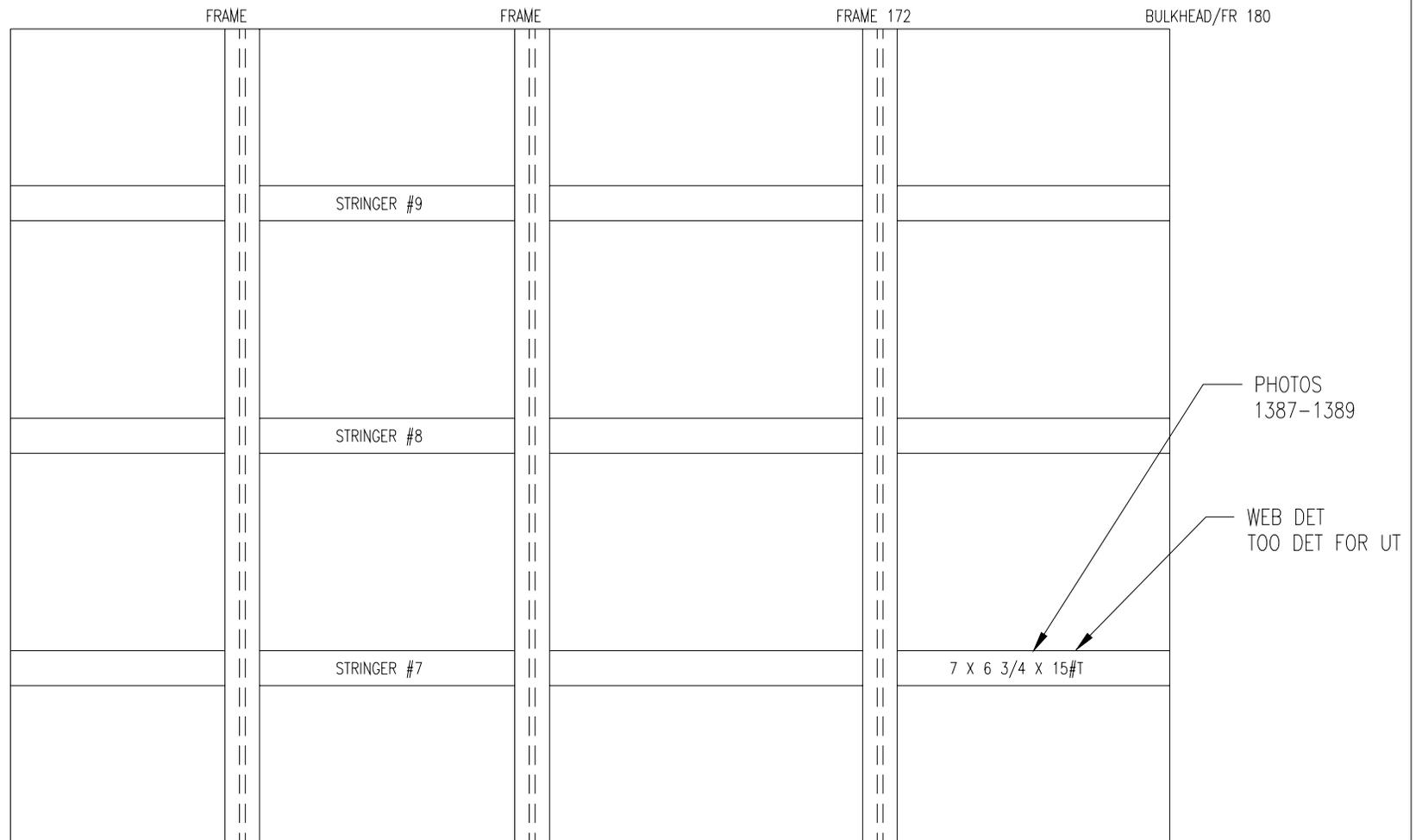
FIRE PUMP ROOM 4-174-1-E 11/11/01 STRIGER 7 LKG FWD TO FRM/BLKHD172 AND SHELL PLATE ABOVE, PLATE U/T SAT STRINGER TOO PITTED FOR U/T RDG (PHOTO 1388)

**USS JOHN L. HALL (FFG-32) FIRE PUMP ROOM 4-172-0-E
JSN EM02 P029**



**FIRE PUMP ROOM 4-172-1-E 11/11/01 S7 STBD LKG AFT TO FRM/BLKD 180 WEB DET TOO
DET FOR U/T READING (PHOTO 1389)**

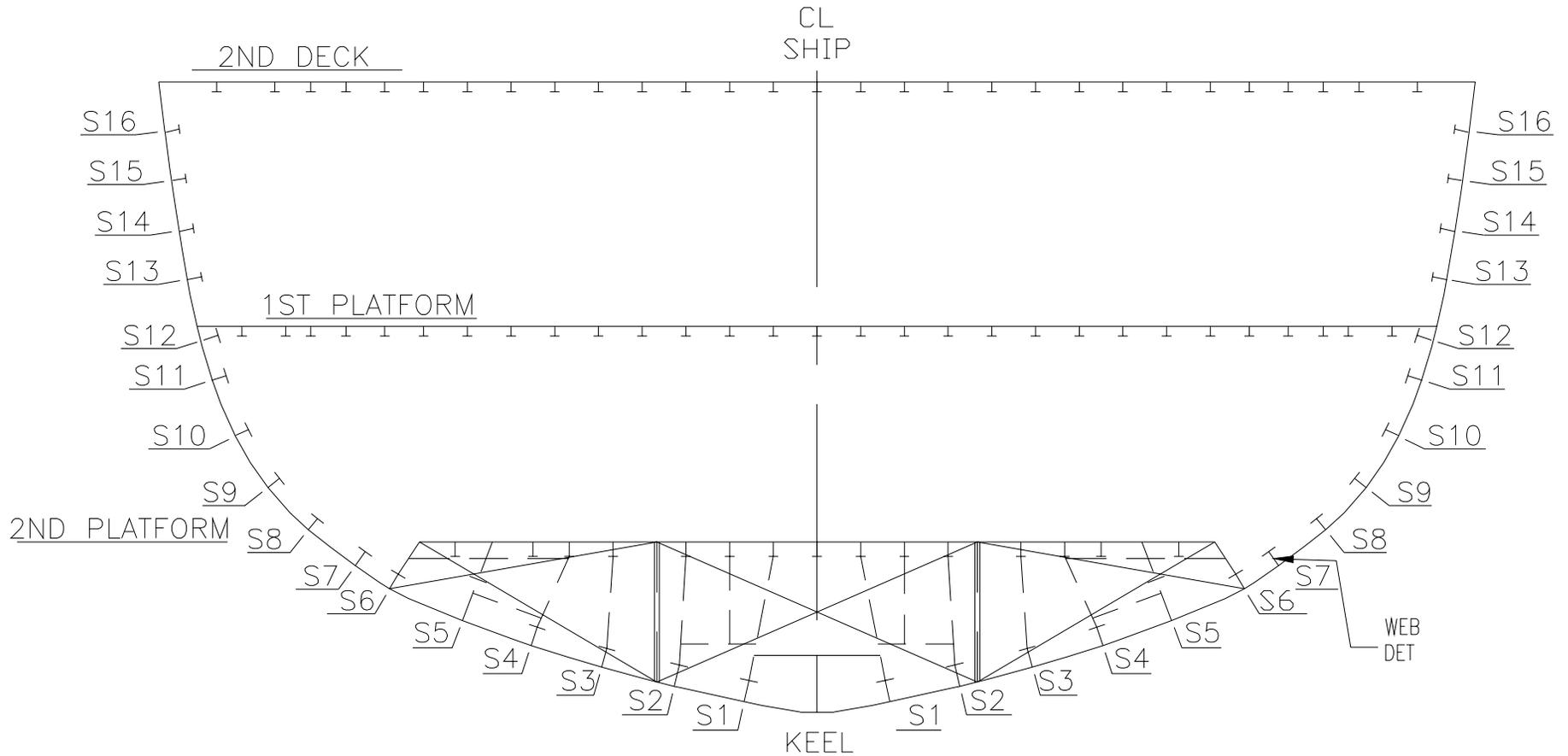
USS JOHN L. HALL FFG-32
MOBILE, AL



LOCATION 4-172-1-E FIRE PUMP ROOM
LKG TO STBD

UT P029
R. CAIN
MSC U/T CERTIFIED
NOV. 5 - NOV. 16, 2001

USS JOHN L. HALL FFG-32
MOBILE, AL



LOCATION 4-172-1-E FIRE PUMP RM
LKG FWD FROM BLKHD/FRAME 180

ELEVATION - LKG FWD
AT FRAME 180

UT P029-2

R. CAIN
MSC U/T CERTIFIED
NOV 5 - NOV 16, 2001

MATERIAL ASSESSMENT FORM

INT TRK #41721E#1

(SPORT CODE 220 USE ONLY) (STRUCTURAL ASSESSMENT)

Area:

ITEM NUMBER		SHIP USS JOHN L. HALL (FFG-32)			
SYSTEM HULL STRUCTURES		ESWBS 11011	EIC A100	APL X SYSTEM APL	
EQUIPMENT NAME SHELL PLATING AND SUPPORT		IDENT/SERIAL N/A	LOCATION 4-172-1-E	WORK CENTER EMO2	JSN P030
EQUIPMENT STATUS 1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		PROBLEM STATUS 1. C - CORRECTED* 2. A - AWAITING PARTS* 3. T - AWAITING TECH ASSIST* 4. S - SHIPS FORCE* UNCORRECTED PROBLEMS 2	CATEGORY 1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN* 5. L - LIMITED		EOC .6
TYPE AVAILABILITY 1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	WHEN TO BE ACCOMPLISHED 1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY	STATUS 1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE	CAUSE 1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE OR SKILL 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE	DEFERRAL REASON 1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FO S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE	
MAN HRS EXPENDED 2	MAN HRS REMAINING 40	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY 4
SAFETY HAZARD 1. SERIOUS - CORRECT SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 2. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 3. SAFETY ITEM - MINOR 4. COMBUSTIBLE MATERIAL 5. AS SOON AS POSSIBLE		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 2-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION		1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE	
DISCREPANCY DESCRIPTION: AS PER SEMAT I INSPECTION AT: 4-172-1-E FIRE PUMP ROOM SHELL PLATE AND MARGIN PLATE FROM MARGIN PLATE OTBD TO 1/2 WAY TO STRINGER 8 FROM BLHKD 172 TO 180 REQUIRES PRESERVATION U/T READINGS SAT. TOTAL AREA APPROX 35 SQ FT.					
STILL PIX NOS 1384-1386					
POC: J. TATUM SPORT CODE 221 (757) 396-4001X2192 TPOC: M. GUAY (MSC) (757) 494-9025 B.CAIN (MSC) 1-888-825-6881					
RECOMMENDED REPAIRS: PREP AND PRESERVE AREA IAW STD ITEM 009-32 (NSTM631)					
CSMP SUMMARY PRESERVATION 4-172-1-E					
ROOT/CAUSE AMPLIFICATION I				TEST # MRC 1102/1	
STEPS # 1,2,3,4&5					
PART NO.	NOMENCLATURE	QTY	NSN	COST	
FIRST CONTACT MARSH	RATE EN2	SECOND CONTACT VARELLA		RATE EN3	PHONE
ASSESSOR / ACT / TECH ID# SUPSHIP PORTSMOUTH M.GUAY /G.BAUR (MSC)			TD	TL	LOGISTICIAN TSP

**USS JOHN L. HALL (FFG-32) FIRE PUMP RM 4-172 1-E
JSN EM02-P030**



FIRE PUMP ROOM 4-172-1-E 11/11/01 STBD LKG FWD TO BLKHD 172 BETWEEN MARGIN PLATE AND SRINGER 7. AREA REQUIRES PRESERVATION U/T SAT. (PHOTO 1384)



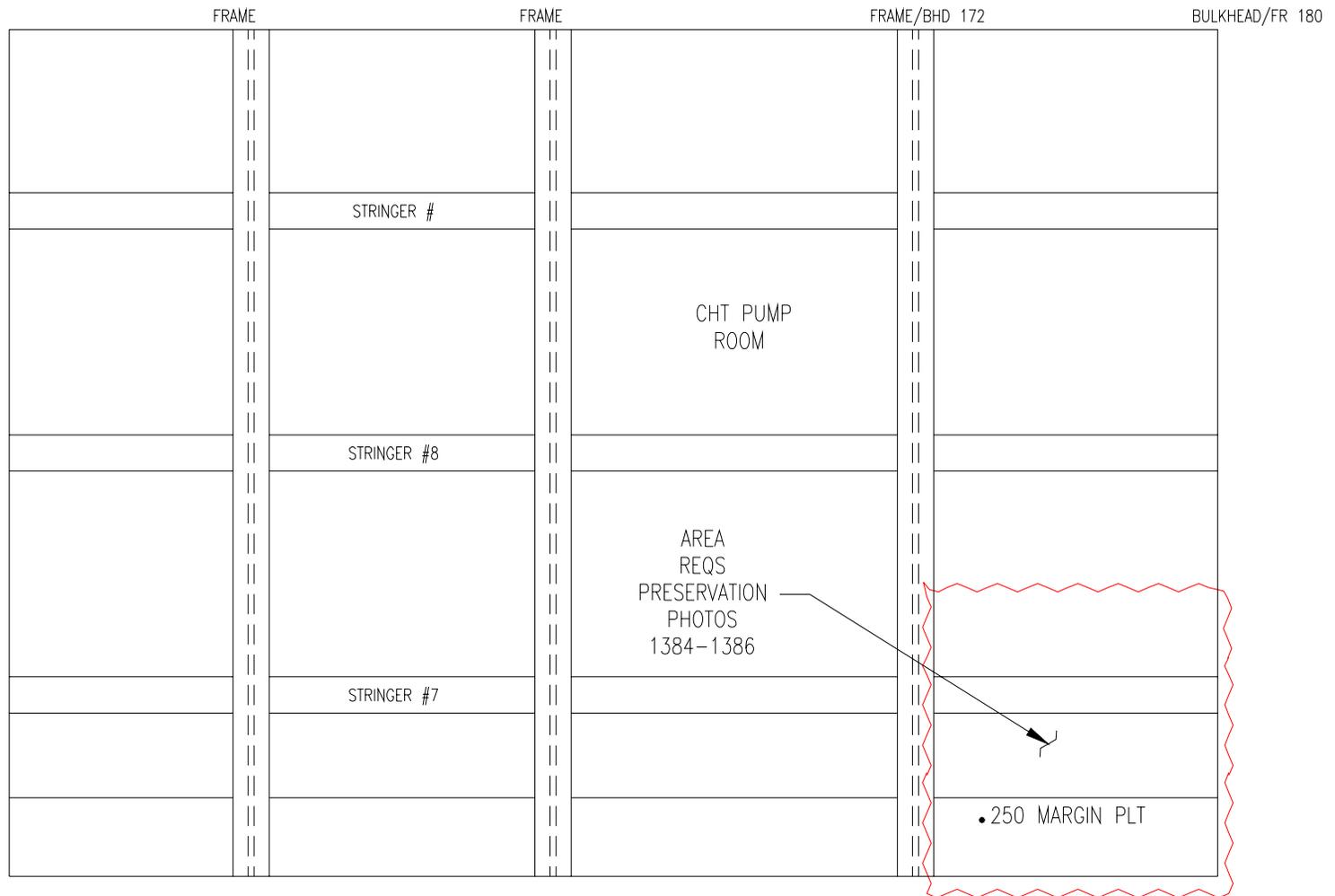
FIRE PUMP ROOM 4-172-1-E 11/11/01 STBD LKG FWD TO BLKHD 172 BETWEEN MARGIN PLATE AND STRINGER 8. PLATING REQUIRES PRESERVATION U/T SAT (PHOTO 1385)

**USS JOHN L. HALL (FFG-32) FIRE PUMP ROOM 4-172-1-E
JSN EM02 P030**



**FIRE PUMP ROOM 4-172-1-E 11/11/01 STBD LKG AFT TO BLKHD180 BETWEEN MARGIN
PLATE TO JUST ABOVE S7 AREA REQUIRES PRESERVATION U/T SAT (PHOTO 1386)**

USS JOHN L. HALL FFG-32
MOBILE, AL

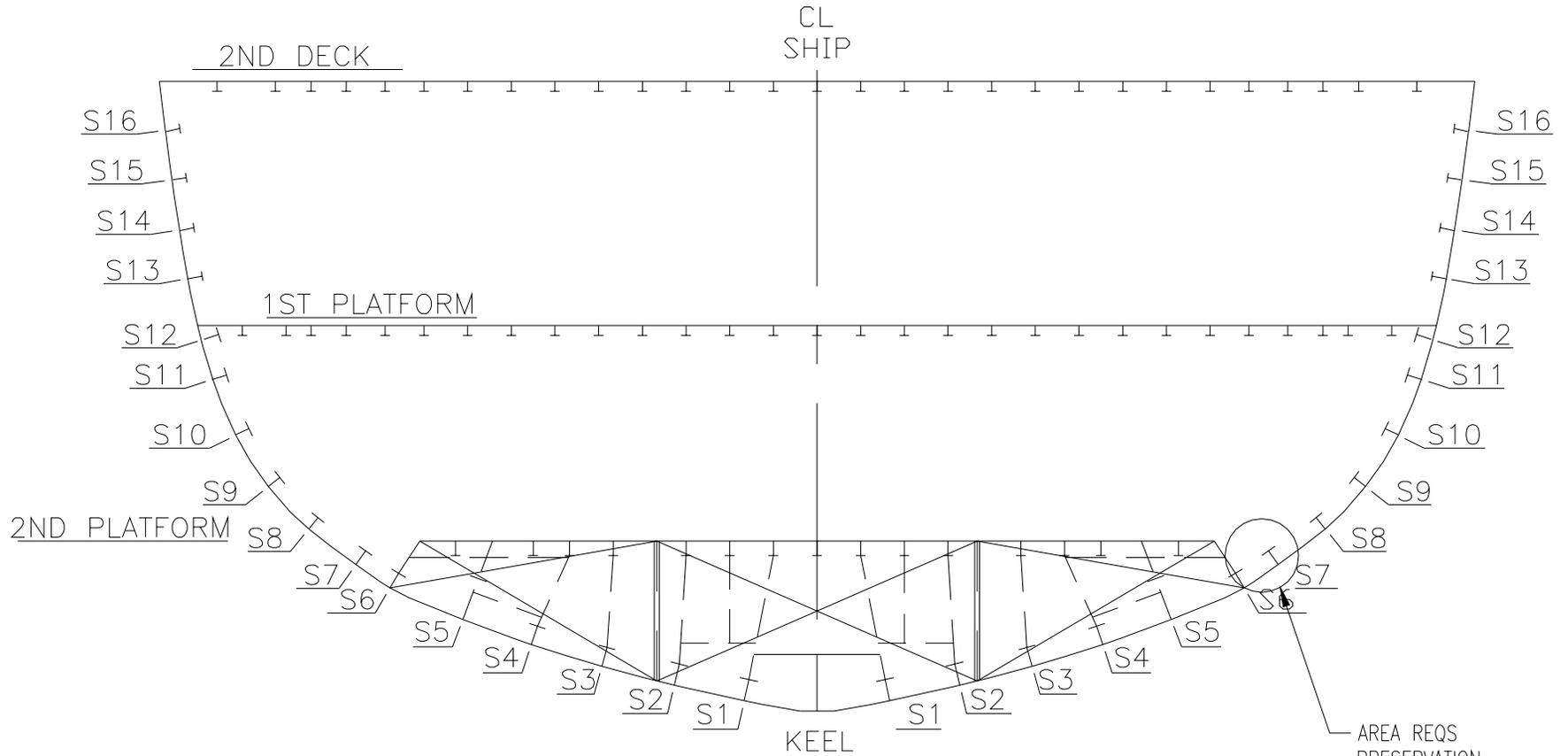


LOCATION 4-172-1-E FIRE PUMP ROOM
LKG TO STBD

UT P030

R. CAIN
MSC U/T CERTIFIED
NOV. 5 - NOV. 16, 2001

USS JOHN L. HALL FFG-32
MOBILE, AL



LOCATION 4-172-1-E FIRE PUMP RM
LKG FWD FROM BLKHD/FRAME 180
ELEVATION - LKG FWD
AT FRAME 180

UT P030-2
R. CAIN
MSC U/T CERTIFIED
NOV 5 - NOV 16, 2001

MATERIAL ASSESSMENT FORM

INT TRK #41402a2

(SPORT CODE 220 USE ONLY) (STRUCTURAL ASSESSMENT)

Area:

ITEM NUMBER		SHIP USS JOHN L. HALL (FFG-32)			
SYSTEM HULL STRUCTURES		ESWBS 11011	EIC A100	APL X SYSTEM APL	RIN N/L
EQUIPMENT NAME SHELL PLATING AND SUPPORT		IDENT/SERIAL N/A	LOCATION 4-140-2-A	WORK CENTER SS03	JSN P010
EQUIPMENT STATUS 1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		PROBLEM STATUS 1. C - CORRECTED* 2. A - AWAITING PARTS* 3. T - AWAITING TECH ASSIST* 4. S - SHIPS FORCE* UNCORRECTED PROBLEMS 2	CATEGORY 1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN* 5. L - LIMITED		EOC .6
TYPE AVAILABILITY 1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	WHEN TO BE ACCOMPLISHED 1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY	STATUS 1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE	CAUSE 1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE OR SKILL 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE	DEFERRAL REASON 1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FO S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE	
MAN HRS EXPENDED 2	MAN HRS REMAINING 80	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY 4
SAFETY HAZARD 1. SERIOUS - CORRECT SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 2. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 3. SAFETY ITEM - MINOR 4. COMBUSTIBLE MATERIAL 5. AS SOON AS POSSIBLE		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 2-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION		1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE	
DISCREPANCY DESCRIPTION: AS PER SEMAT I INSPECTION AT: LAUNDRY STOREROOM#2 4-140-2-A APPROX 24 SQ FT OF MARGIN PLATE AND SHELL PLATE FROM FRM/BLKHD 140 AFT TO FRM/BLKHD 148 FROM MARGIN PLATE OTBD TO STRINGER 7 HAS COATING FAILURE AND REQS PRESERVATION					
STILL PIX NOS: 1398,1401					
POC: J. TATUM SPORT CODE 221 (757) 396-4001X2192 TPOC: M. GUAY (MSC) (757) 494-9025 B.CAIN (MSC) 1-888-825-6881					
RECOMMENDED REPAIRS: PREP AND PRESERVE AREA IAW STD ITEM 009-32 (NSTM 631)					
CSMP SUMMARY PRESEVATION 4-140-2-A				TEST # MRC 1102/1	
ROOT/CAUSE AMPLIFICATION I				STEPS # 1,2,3,4&5	
PART NO.	NOMENCLATURE	QTY	NSN	COST	
FIRST CONTACT WILLIAMS	RATE SH2	SECOND CONTACT GULLIE		RATE SH3	PHONE
ASSESSOR / ACT / TECH ID# SUPSHIP PORTSMOUTH M.GUAY/B.CAIN//G BAUER (MSC)			TD	TL	LOGISTICIAN TSP

USS JOHN L. HALL (FFG-32) LAUNDRY STOREROOM#2 4-140-2-A
JSN SS03-P010

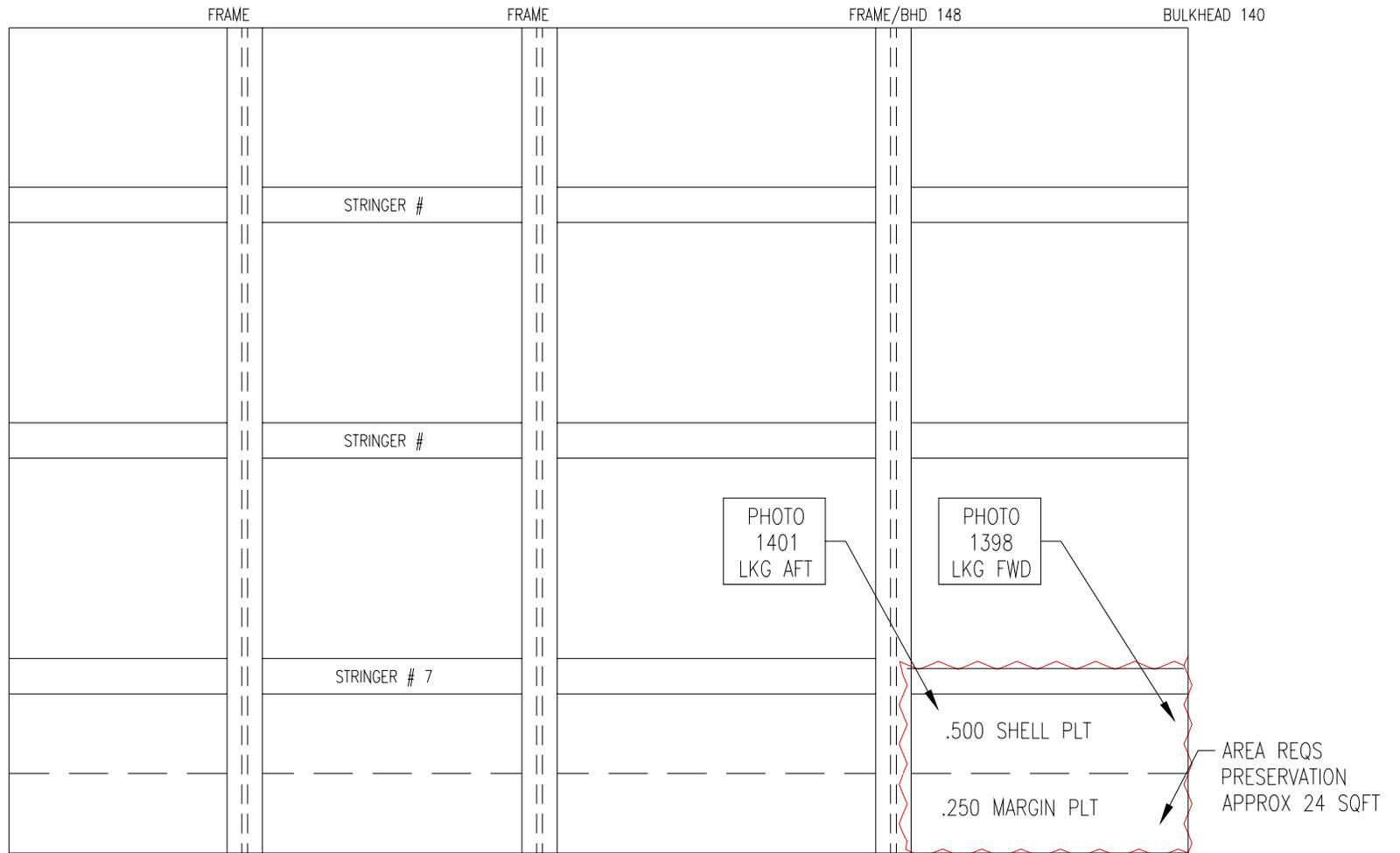


LAUNDRY STRM #2 11/13/01 LKG FWD TO BLKD/FRAME 140 BETWEEN .250 MARGIN PLATE (RT) AND .500 SHELL PLATE (LFT) SHWG COATING FAILURE, SHELL AND MARGIN PLATE U/T READINGS SAT (PHOTO 1398)



SAME AREA AS ABOVE LKG AFT TO FRM/BLKHD 148 (MARGIN PLATE LFT) (PHOTO 1401)

USS JOHN L. HALL FFG-32
MOBILE, AL



LOCATION LAUNDRY STRM #2 4-140-2-A

LKG TO PORT

UT P010

R. CAIN

MSC U/T CERTIFIED

NOV. 5 - NOV. 16, 2001

MATERIAL ASSESSMENT FORM

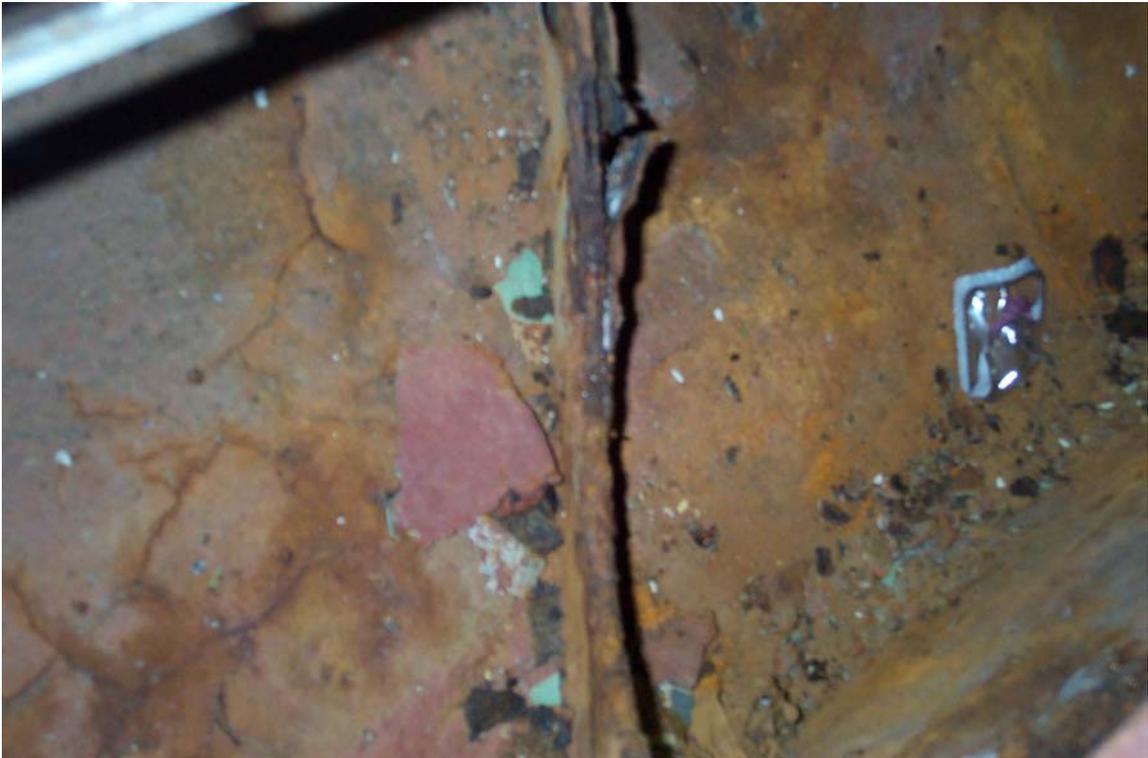
INT TRK #41402a1

(SPORT CODE 220 USE ONLY) (STRUCTURAL ASSESSMENT)

Area:

ITEM NUMBER		SHIP USS JOHN L. HALL (FFG-32)			
SYSTEM HULL STRUCTURES		ESWBS 11011	EIC A100	APL X SYSTEM APL	RIN N/L
EQUIPMENT NAME SHELL PLATING AND SUPPORT		IDENT/SERIAL N/A	LOCATION 4-140-2-A	WORK CENTER SS03	JSN P011
EQUIPMENT STATUS 1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		PROBLEM STATUS 1. C - CORRECTED* 2. A - AWAITING PARTS* 3. T - AWAITING TECH ASSIST* 4. S - SHIPS FORCE* UNCORRECTED PROBLEMS 2	CATEGORY 1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN* 5. L - LIMITED		EOC .6
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE	DEFERRAL REASON	
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE OR SKILL 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE	1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FO S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE	
MAN HRS EXPENDED 2	MAN HRS REMAINING 100	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY 4
SAFETY HAZARD 1. SERIOUS - CORRECT SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 2. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 3. SAFETY ITEM - MINOR 4. COMBUSTIBLE MATERIAL 5. AS SOON AS POSSIBLE		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 2-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION		1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE	
DISCREPANCY DESCRIPTION: AS PER SEMAT I INSPECTION AT: LAUNDRY STOREROOM#2 4-140-2-A QTY 2 1/4"X5"X18" DIAG FLAT BAR STIFFENERS LOCATED AFT FROM FRM 140 FRM STRINGER 7 INBD TO TANK MARGIN PLATE DETERIORATED FWD STIFFENER EXTENDS FROM FRM 140 AT S7 AFT AND INBD APPROX 17" TO MARGIN PLATE. AFT STIFFENER EXTENDS FROM 28" AFT OF FRM 140 AT S7 AFT AND INBD TO TANK MARGIN PLATE APPROX 38" AFT OF FRM 140					
STILL PIX NOS: 1399,1400					
POC: J. TATUM SPORT CODE 221 (757) 396-4001X2192 TPOC: M. GUAY (MSC) (757) 494-9025 B.CAIN (MSC) 1-888-825-6881					
RECOMMENDED REPAIRS: OPEN,GAS FREE AND CERT SAFE FOR HOT WORK 5-140-1-F, REMOVE AND REPACE APPROX 3 LIN FT OF 1/4"X5" FLAT BAR DIAG STIFFENERS, WELD IAW STD ITEM 009-12 PREP AND PRESERVE IAW STD ITEM 009-32 (NSTM 631)					
CSMP SUMMARY DET STIFFENER RPRS 4-140-2-A				TEST # MRC 1102/1	
ROOT/CAUSE AMPLIFICATION I				STEPS # 1,2,3,4&5	
PART NO.	NOMENCLATURE	QTY	NSN	COST	
FIRST CONTACT WILLIAMS		RATE SH2	SECOND CONTACT GUILLE		RATE SH3
ASSESSOR / ACT / TECH ID# SUPSHIP PORTSMOUTH M.GUAY/B.CAIN./G BAUER (MSC)			TD	TL	LOGISTICIAN TSP

USS JOHN L. HALL (FFG-32) LAUNDRY STORROOM #2 4-140-2-A
JSN SS03-P011

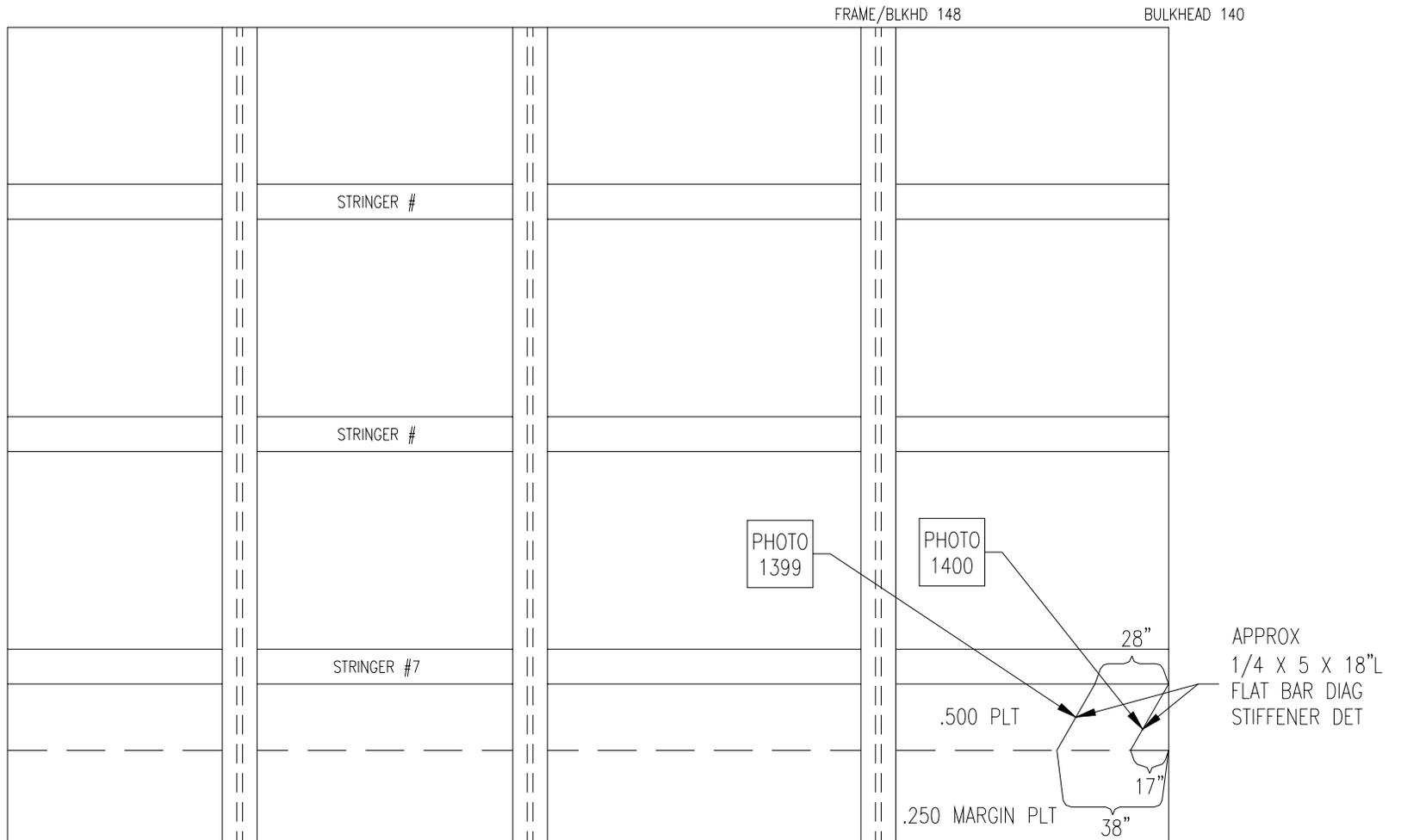


LAUNDRY STRM 4 -140-2-A AFT FLAT BAR DIAG STFN 28" AFT OF FRM /BLKD 140 PTSD LKG OTBD FROM MARGIN PLT TO STRINGER 7 SHOWING EXFOLIATION (PHOTO 1399)



FWD DIAG FLAT BAR STIFFENER FROM FRM 140 17" AFT TO MARGIN PLATE PTSD LKG FWD TO FRM I40 BTWN MARGIN PLATE AND S7 (PHOTO 1400)

USS JOHN L. HALL FFG-32
MOBILE, AL



LOCATION LAUNDRY STRM#2 4-140-2-A

LKG TO PORT

UT P011

R. CAIN
MSC U/T CERTIFIED
NOV. 5 - NOV. 16, 2001

MATERIAL ASSESSMENT FORM

INT TRK #52920E

(SPORT CODE 220 USE ONLY) (STRUCTURAL ASSESSMENT)

Area:

ITEM NUMBER		SHIP USS JOHN L. HALL (FFG-32)			
SYSTEM HULL STRUCTURES		ESWBS 11011	EIC A100	APL X SYSTEM APL	RIN N/L
EQUIPMENT NAME SHELL PLATING AND SUPPORT		IDENT/SERIAL N/A	LOCATION 5-212-0-E	WORK CENTER EMO3	JSN PO56
EQUIPMENT STATUS 1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		PROBLEM STATUS 1. C - CORRECTED* 2. A - AWAITING PARTS* 3. T - AWAITING TECH ASSIST* 4. S - SHIPS FORCE* UNCORRECTED PROBLEMS 2	CATEGORY 1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN* 5. L - LIMITED		EOC .6
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE	DEFERRAL REASON	
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE	1. ABNORMAL ENVIROMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE OR SKILL 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE	1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FO S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE	
MAN HRS EXPENDED 4	MAN HRS REMAINING 80	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY 4
SAFETY HAZARD 1. SERIOUS - CORRECT SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 2. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 3. SAFETY ITEM - MINOR 4. COMBUSTIBLE MATERIAL 5. AS SOON AS POSSIBLE		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 2-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION		1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE	
DISCREPANCY DESCRIPTION: AS PER SEMAT I INSPECTION AT: AMR 2 5-212-0-E STRINGER 10 WEB STBD SIDE BETWEEN FRAMES 220 AND 228 DETERIORATED FROM FRAME 220 AFT TO FRAME 228 AVG UT RDNG .150 , NORM .230 (35% DEGRADED)					
STILL PIX NOS 1361-1362					
POC: J. TATUM SPORT CODE 221 (757) 396-4001X2192 TPOC: M. GUAY (MSC) (757) 494-9025 B.CAIN (MSC) 1-888-825-6881					
RECOMMENDED REPAIRS: REPLACE APPROX 8' OF 6X6 1/2X13#T (S10) BETWEEN FRAMES 220 TO 228 WELD IAW STD ITM 009-12, PREP AND PRESERVE IAW STD ITM 009-32 (NSTM 631)					
CSMP SUMMARY STRUCT REPAIRS, AMR 2 SHELL AND SUPPORT				TEST # MRC 1102/1	
ROOT/CAUSE AMPLIFICATION I				STEPS # 1,2,3,4&5	
PART NO.	NOMENCLATURE	QTY	NSN	COST	
FIRST CONTACT MARSH	RATE EN2	SECOND CONTACT VARELLA		RATE EN3	PHONE
ASSESSOR / ACT / TECH ID# SUPSHIP PORTSMOUTH R NORMAN (SPORT) / M.GUAY /G BAUR (MSC) (757) 396-4001X2208			TD	TL	LOGISTICIAN TSP

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JOHN L. HALL (FFG-32) JSN EM03 P056

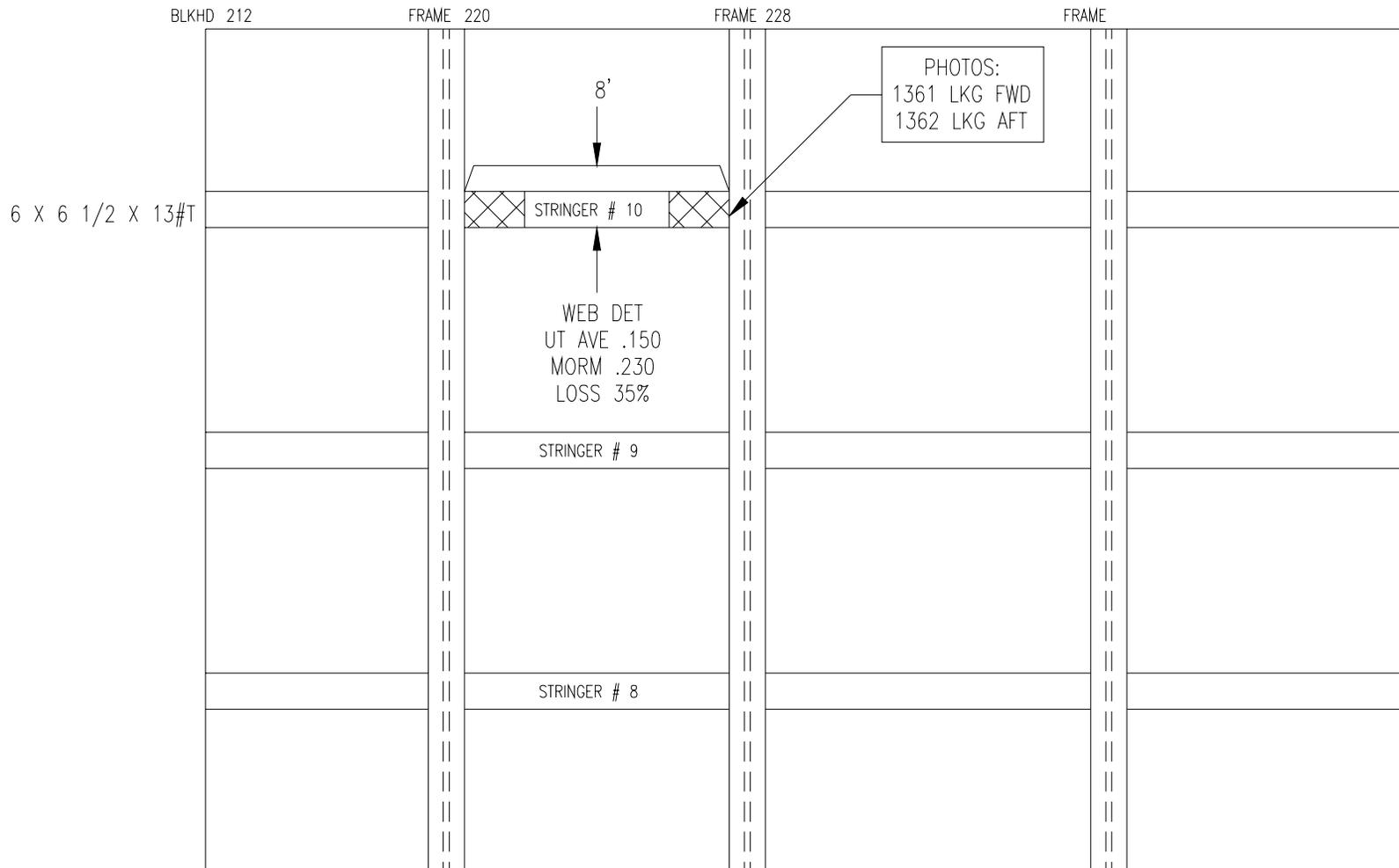


AMR 2 5-212-0-E 11/7/01 SRTINGER 10 STBD LKG FWD TO FRM 220 FROM TOP (PHOTO 1361)



AMR 2 5-212-0-E 11/7/01 STRINGER 10 STBD LKG AFT TO FRM 228 FROM TOP (PHOTO 1362)

USS JOHN L. HALL FFG-32
 MOBILE, AL 11/7/01



LOCATION AMR 2 5-212-0-E
 DET WEB S10 BTW FRMS 220-228 STBD

LKG TO STBD

UT P056

R. CAIN
 MSC U/T CERTIFIED
 NOV. 5 - NOV. 16, 2001

MATERIAL ASSESSMENT FORM

INT TRK #52920E

(SPORT CODE 220 USE ONLY) (STRUCTURAL ASSESSMENT)

Area:

ITEM NUMBER		SHIP USS JOHN L. HALL (FFG-32)			
SYSTEM HULL STRUCTURES		ESWBS 11011	EIC A100	APL X SYSTEM APL	RIN N/L
EQUIPMENT NAME SHELL PLATING AND SUPPORT		IDENT/SERIAL N/A	LOCATION 5-292-0-E	WORK CENTER EMO3	JSN P057
EQUIPMENT STATUS 1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		PROBLEM STATUS 1. C - CORRECTED* 2. A - AWAITING PARTS* 3. T - AWAITING TECH ASSIST* 4. S - SHIPS FORCE* UNCORRECTED PROBLEMS 2	CATEGORY 1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN* 5. L - LIMITED		EOC .6
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE	DEFERRAL REASON	
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE OR SKILL 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE	1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FO S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE	
MAN HRS EXPENDED 4	MAN HRS REMAINING 100	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY 4
SAFETY HAZARD 1. SERIOUS - CORRECT SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 2. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 3. SAFETY ITEM - MINOR 4. COMBUSTIBLE MATERIAL 5. AS SOON AS POSSIBLE		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 2-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION		1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE	
DISCREPANCY DESCRIPTION: AS PER SEMAT I INSPECTION AT: AMR 3 5-292-0-E STRINGERS 10 THRU 13 PORT SIDE DETERIORATED FROM FRAME 316 AFT 18", SHELL PLATING DETERIORATED BETWEEN STRINGERS 11 AND 12 FROM FRAME 316 AFT 18", TWO INTERCOSTALS DETERIORATED BETWEEN SRINGERS 10 AND 11 4" AFT OF FRAME 316. ALL AREAS TOO DETERIORATED FOR UT READINGS					
STILL PIX NOS 1349-1353					
POC: J. TATUM SPORT CODE 221 (757) 396-4001X2192 TPOC: M. GUAY (MSC) (757) 494-9025 B.CAIN (MSC) 1-888-825-6881					
RECOMMENDED REPAIRS: REPLACE APPROX 18" OF 6X6 1/2X13#T (S10) AND APPROX 4.4' OF 6X4X8#T (S11-13) REPLACE APPROX 3SQ' OF .313 SHELL PLATE BETWEEN S11 AND S12 AND QTY 2 3X3X24" L INTERCOSTALS BETWEEN S10 AND 11. WELD IAW STD ITM 009-12, PREP AND PRESERVE IAW STD ITM 009-32 (NSTM 631)					
CSMP SUMMARY STRUCT REPAIRS, AMR 3 SHELL AND SUPPORT				TEST # MRC 1102/1	
ROOT/CAUSE AMPLIFICATION I				STEPS # 1,2,3,4&5	
PART NO.	NOMENCLATURE	QTY	NSN	COST	
FIRST CONTACT MARSH	RATE EN2	SECOND CONTACT VARELLA	RATE EN3	PHONE	
ASSESSOR / ACT / TECH ID# SUPSHIP PORTSMOUTH R NORMAN (SPORT)/ M.GUAY /G BAUR (MSC) (757) 396-4001X2208			TD	TL	LOGISTICIAN TSP

JOHN L HALL (FFG-32) JSN EM03-PO57



AMR 3 5-292-0-E 11/5/01 FRM 316 STRINGER12 PTSD (PHOTO 1351)



AMR 3 5-292-0-E 11/5/01 FRM 316 STRINGER 13 PTSD (PHOTO 1352)



AMR 3 5-292-0-E 11/5/01 FRM 316 STRINGER 10 AND INTERCOSTALS PTSD
(PHOTO 1349)



AMR 3 5-292-O-E 11/5/01 STRINGER11 AT FRM 316 AND DET SHELL ABOVE PTSD
(PHOTO 1350)

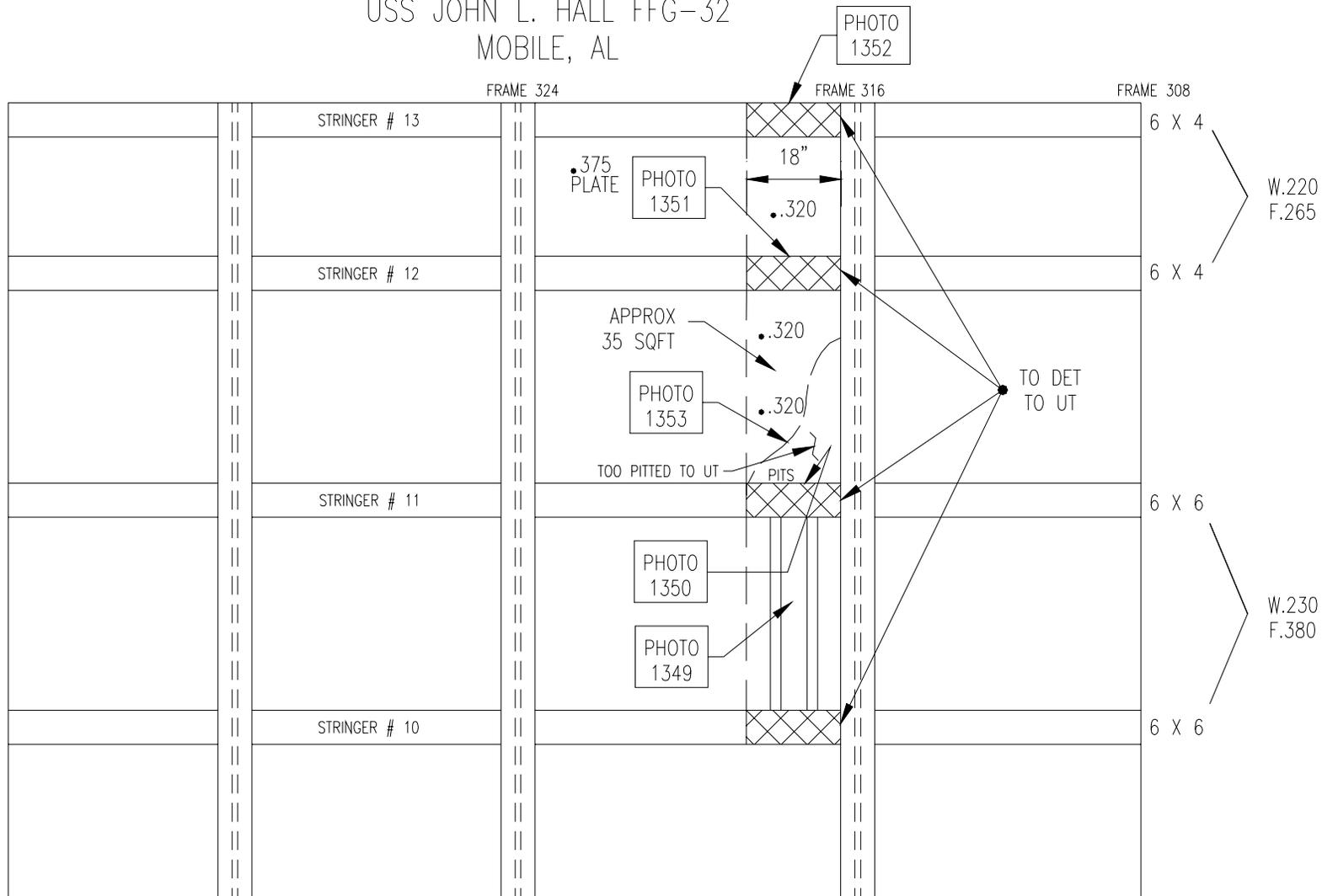
JOHN L HALL (FFG-32)

JSN EMO3 P057



**AMR 3 5-292-0-E 11/5/01 SHELL PLATE DET. AT FRM 316 BTWN S11 AND S12
(PHOTO 1353)**

USS JOHN L. HALL FFG-32
MOBILE, AL



LOCATION AMR#3 5-292-0-E PORTSIDE

PHOTOS 1349-1353

LKG OTBD AT FR 316

UT P057

LKG TO PORT

R. CAIN
MSC U/T CERTIFIED
NOV. 5 - NOV. 16, 2001

MATERIAL ASSESSMENT FORM

INT TRK #52500E

(SPORT CODE 220 USE ONLY) (STRUCTURAL ASSESSMENT)

Area:

ITEM NUMBER		SHIP USS JOHN L. HALL (FFG-32)			
SYSTEM HULL STRUCTURES		ESWBS 11011	EIC A100	APL X SYSTEM APL	RIN N/L
EQUIPMENT NAME SHELL PLATING AND SUPPORT		IDENT/SERIAL N/A	LOCATION 5-250-0-E	WORK CENTER EMO1	JSN P052
EQUIPMENT STATUS 1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD		PROBLEM STATUS 1. C - CORRECTED* 2. A - AWAITING PARTS* 3. T - AWAITING TECH ASSIST* 4. S - SHIPS FORCE* UNCORRECTED PROBLEMS 2	CATEGORY 1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE 4. D - DOWN* 5. L - LIMITED		EOC .6
TYPE AVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS	CAUSE	DEFERRAL REASON	
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 1	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY 3	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 3	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE OR SKILL 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE 7	1. S/F BACKLOG/OPERATIONAL PRIORITY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FO S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 0. OTHER OR NOT APPLICABLE 6	
MAN HRS EXPENDED 4	MAN HRS REMAINING 200	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY 4
SAFETY HAZARD 1. SERIOUS - CORRECT SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 2. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM 3. SAFETY ITEM - MINOR 4. COMBUSTIBLE MATERIAL 5. AS SOON AS POSSIBLE		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 7. MAINTENANCE ACTION COMPLETED: 2-M CAPABILITY UTILIZED 0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION		1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE 4	
DISCREPANCY DESCRIPTION: AS PER SEMAT I INSPECTION AT: MAIN ENGINE ROOM 5-250-0-E STRINGERS 9 THRU 14 PORT FROM FRAME 270 AFT 16" DETERIORATED, SHELL PLATE FROM STRINGER 10 TO STRINGER 14 DETERIORATED FROM FRAME 270 AFT 16" AREA TOO DET TO UT OR UNASSESABLE					
STILL PIX NOS 1354-1356,1358-1360					
POC: J. TATUM SPORT CODE 221 (757) 396-4001X2192 TPOC: M. GUAY (MSC) (757) 494-9025 B.CAIN (MSC) 1-888-825-6881					
RECOMMENDED REPAIRS: REPLACE APPROX 4' OF 6X4X8#7T AT STRINGERS 12 THRU 14 FROM FRAME 270 AFT 16" AND APPROX 3.5 SQ' OF .313 PLATE FROM STRAKE ABOVE STRINGER 10 TO STRINGER 12 FROM FRAME 270 AFT 16". REMOVE INTERFERENCES AND UT .313 SHELL PLATE FROM STRINGER 12 TO 14 (APPROX 6 SQ') REPLACE APPROX 2.5 SQ FT OF .375 HY-80 PLATE ABOVE STINGER 10 TO STRAKE TO 16" AFT OF FRAME 270. WELD IAW STD ITM 009-12 PREP AND PRESEVE IAW STD ITM 009-32 (NSTM 631)					
CSMP SUMMARY STRUCT REPAIRS, MER , SHELL AND SUPPORT				TEST # MRC 1102/1	
ROOT/CAUSE AMPLIFICATION I				STEPS # 1,2,3,4&5	
PART NO.	NOMENCLATURE	QTY	NSN	COST	
FIRST CONTACT COLLINS		RATE GSM1	SECOND CONTACT DAVIS		RATE GSM3
ASSESSOR / ACT / TECH ID# SUPSHIP PORTSMOUTH R. NORMAN/M.GUAY(MSC)		TD	TL	LOGISTICIAN	TSP

JOHN L. HALL (FFG-32) JSN EM01 P052



MER 5-250-0-E 11/6/01 STRINGER 9 LKG FWD TO FRM 270 PTSD (PHOTO 1354)



MER 5-250-0-E 11/6/01 BLOWUP OF ABOVE PHOTO (PHOTO 1355)

JOHN L.HALL (FFG-32)

JSN EMO1-P052



MER 5-250-0-E 11/6/01 STRINGER 10 LKG FWD TO FRM 270 PTSD (PHOTO 1356)



MER 5-250-0-E 11/6/01 STRINGER 11 AND DET SHELL PLTG BTWN S10 AND S 11 PTSD (PHOTO 1358)

JOHN L. HALL (FFG-32) JSN EM01-P052

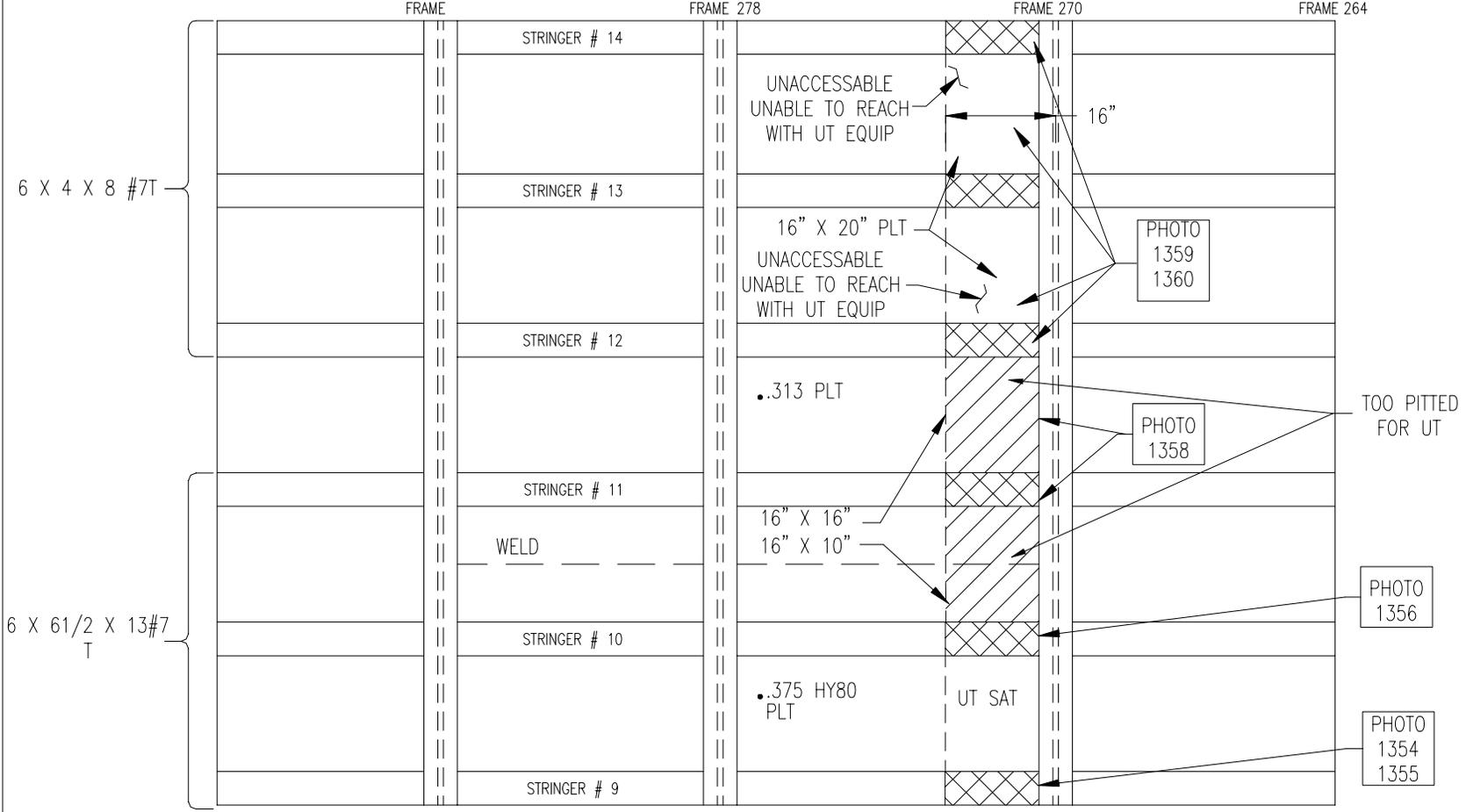


MER 5-250-0-E 11/6/01 STRINGERS 12,13,14 LKG UP FRM 270 RT, FWD BLKHD LUBE OIL TANKS LFT. PTSD (PHOTO 1359)



MER 5-250-0-E 11/6/01 STRINGERS 13 &14 EXPANDED VIEW LKG UP PTSD (PHOTO 1360)

USS JOHN L. HALL FFG-32
MOBILE, AL



LOCATION MAIN ENGINE RM 5-250-0-E
LKG OUTBD PTSD
LKG TO PORT

UT P052
R. CAIN
MSC U/T CERTIFIED
NOV. 5 - NOV. 16, 2001

USS JOHN L. HALL – FFG 32 INTERIOR SHELL/STRUCTURAL ASSESSMENT MATRIX

LOCATION	AREA	SPACE ASSESSABLE	SHELL LAGGING	MCA	MAF	INSPECT SEMAT I	HOT SPACE	COMMENTS
3-20-0-Q	CHAIN LOCKER	NO					N	DID NOT INSPECT
3-32-1-K	FLAM LIQUID STRM	YES		X		X	N	NO WORK REQUIRED
3-32-2-A	DECK GEAR LKR	YES		X		X	N	NO WORK REQUIRED
3-36-2-T	WTRTT ESC TRUNK	YES		X		X	N	NO WORK REQUIRED
3-40-2-A	CPO STOREROOM	YES		X		X	N	NO WORK REQUIRED
3-46-1-A	SPEC CLOTH ROOM	YES		X		X	N	NO WORK REQUIRED
3-48-2-A	XO STOREROOM	YES		X		X	N	NO WORK REQUIRED
3-53-2-A	CLOTH SMALL STRS	YES		X		X	N	NO WORK REQUIRED
3-56-0-A	DECK GEAR STRM	YES		X		X	N	NO WORK REQUIRED
3-64-2-V	VOID	NO					N	REQUIRES GAS FREE
3-64-1-V	VOID	NO					N	REQUIRES GAS FREE
3-84-0-E	A/C MCHRY ROOM	YES			X	X	Y	EM02 P032
3-93-1-Q	400 MHZ ENCL	YES		X		X	N	NO WORK REQUIRED
3-100-0-L	BERTH/DRESSING	YES	X	X		X	N	NO WORK REQUIRED
3-100-1-L	RCN LOUNGE	YES	X	X		X	N	NO WORK REQUIRED
3-113-0-L	CREW WR/WC	YES	X	X		X	Y	NO WORK REQUIRED
3-140-2-L	RCN LOUNGE	YES	X	X		X	N	NO WORK REQUIRED
3-140-1-L	PASSAGE	YES	X	X		X	N	NO WORK REQUIRED
3-144-0-L	BERTH/DRESSING	YES	X	X		X	N	NO WORK REQUIRED
3-156-2-Q	PIPING SPACE	YES		X		X	N	NO WORK REQUIRED
3-154-1-Q	PIPING SPACE	YES		X		X	N	NO WORK REQUIRED
3-180-2-C	SWITCH GEAR RM	YES		X		X	N	NO WORK REQUIRED
3-180-5-A	DRY PROV STRM	YES		X		X	N	NO WORK REQUIRED

USS JOHN L. HALL – FFG 32 INTERIOR SHELL/STRUCTURAL ASSESSMENT MATRIX

LOCATION	AREA	SPACE ASSESSABLE	SHELL LAGGING	MCA	MAF	INSPECT SEMAT I	HOT SPACE	COMMENTS
3-196-2-A	SHIP STOREROOM	YES		X		X	N	NO WORK REQUIRED
3-236-1-F	SSDG LUBO STO #2	YES		X		X	N	NO WORK REQUIRED
3-236-2-F	SSDG LUBO STO #3	YES		X		X	N	NO WORK REQUIRED
3-240-1-F	AUX FUEL SVC TK #2	NO					N	REQUIRE GAS FREE
3-240-2-F	AUX FUEL SVC TK #3	NO					N	REQUIRE GAS FREE
3-272-2-F	LO STWG TK 1A	YES		X		X	N	NO WORK REQUIRED
3-278-1-F	LO SETTLING TK 1A	YES		X		X	N	NO WORK REQUIRED
3-278-2-F	LO STWG TK 1A	YES		X		X	N	NO WORK REQUIRED
3-286-2-F	LO SETTLING TK 1B	YES		X		X	N	NO WORK REQUIRED
3-286-1-F	LO STWG TK 1C	YES		X		X	N	NO WORK REQUIRED
3-316-1-J	JP-5 SVC TK # 1A	YES		X		X	N	NO WORK REQUIRED
3-322-1-J	JP-5 SVC TK # 1B	YES		X		X	N	NO WORK REQUIRED
3-328-0-A	COMB SUPP STRM	YES			X	X	N	SS01 P006, P007
4-H-0-V	FORE PEAK VOID	NO					N	REQUIRE GAS FREE
4-20-0-W	SUMP	NO					N	REQUIRE GAS FREE
4-27-0-V	VOID	NO					N	REQUIRE GAS FREE
4-32-0-Q	SONAR EQUIP RM	YES	X	X		X	N	NO WORK REQUIRED
4-48-2-L	PASSAGE	YES		X		X	N	NO WORK REQUIRED
4-48-1-Q	SONAR COOLING	YES					Y	UNDER REPAIR CSMP CS03-3999, P015
4-56-2-A	DECK GEAR STRM	YES		X		X	N	NO WORK REQUIRED
4-56-0-M	SMALL ARM MAG	YES		X		X	N	NO WORK REQUIRED
4-64-0-Q	MAG SVC RM	YES	X	X		X	N	NO WORK REQUIRED
4-100-0-E	APU MCHRY RM	YES			X	X	N	EM03 P065

USS JOHN L. HALL – FFG 32 INTERIOR SHELL/STRUCTURAL ASSESSMENT MATRIX

LOCATION	AREA	SPACE ASSESSABLE	SHELL LAGGING	MCA	MAF	INSPECT SEMAT I	HOT SPACE	COMMENTS
4-140-0-Q	LAUNDRY	YES		X		X	Y	NO WORK REQUIRED
4-140-2-A	LAUNDRY STRM	YES			X	X	Y	SS03 P010, P011
4-140-3-A	LAUNDRY STRM	YES			X	X	N	SS03 P009
4-152-1-A	CHEM WFARE DEF	YES			X	X	N	SS03 P009
4-160-0-Q	SEWAGE COLLECT	YES	NO	X			N	NO WORK REQUIRED
4-172-1-E	FIRE PUMP ROOM	YES			X	X	Y	EM02 P029, P030
5-FF-0-V	INACCESSIBLE VOID	NO					N	REQUIRE GAS FREE
5-32-0-W	CLEAN BALLAST TK	NO					N	REQUIRE GAS FREE
5-51-0-Q	EDUCTOR ROOM	YES		X		X	N	NO WORK REQUIRED
5-56-0-F	FUEL TK	YES		X		X	N	NO WORK REQUIRED
5-64-0-F	FUEL OVFL TK	YES		X		X	N	NO WORK REQUIRED
5-84-2-F	FUEL TK	NO					N	REQUIRE GAS FREE
5-84-1-F	FUEL TK	YES					N	REQUIRE GAS FREE
5-100-2-W	APU WELL #2	NO					N	COULD NOT ACCESS
5-100-1-W	APU WELL #1	NO					N	COULD NOT ACCESS
5-100-4-F	FUEL BALLAST OVFL	YES		X		X	N	NO WORK REQUIRED
5-100-3-F	FUEL BALLAST TK	NO					N	REQUIRE GAS FREE
5-116-2-F	FUEL TK	NO					N	REQUIRE GAS FREE
5-116-1-F	FUEL TK	NO					N	REQUIRE GAS FREE
5-116-0-V	CLEAN BALLAST TK	NO					N	REQUIRE GAS FREE
5-132-0-F	CONT OIL SETTLE	NO					N	REQUIRE GAS FREE
5-137-1-T	OT UNDERWATER LOG	NO					N	REQUIRE GAS FREE
5-140-2-F	FUEL TK	NO					N	REQUIRE GAS FREE

USS JOHN L. HALL – FFG 32 INTERIOR SHELL/STRUCTURAL ASSESSMENT MATRIX

LOCATION	AREA	SPACE ASSESSABLE	SHELL LAGGING	MCA	MAF	INSPECT SEMAT I	HOT SPACE	COMMENTS
5-140-1-F	FUEL OVFL TK	NO					N	REQUIRE GAS FREE
5-164-1-W	OILY WASTE HLDG	YES		X		X	N	NO WORK REQUIRED
5-164-2-F	FUEL TK						N	REQUIRE GAS FREE
5-170-0-F	WASTE OIL RETURN	NO					N	REQUIRE GAS FREE
5-180-0-E	AUX MCHRY #1	YES			X	X	Y	EM02 P019, P020
5-180-01-E	SS DIESEL ENCL	YES		X		X	N	NO WORK REQUIRED
5-192-2-F	OILY WASTE DR #1	NO					N	REQUIRE GAS FREE
5-201-1-F	FUEL TANK	NO					N	REQUIRE GAS FREE
5-201-3-F	FUEL TANK	NO					N	REQUIRE GAS FREE
5-204-2-F	SVC TANK	NO					N	REQUIRE GAS FREE
5-204-1-F	SVC TANK	NO					N	REQUIRE GAS FREE
5-212-0-E	AUX MCHRY #2	YES			X	X	Y	EM03 P056
5-220-2-W	WASTE WTR DR #2	NO					N	REQUIRE GAS FREE
5-222-1-F	OILY WASTE DR #2	NO					N	REQUIRE GAS FREE
5-226-2-E	SS DIESEL ENCL	YES		X		X	N	NO WORK REQUIRED
5-226-1-E	SS DIESEL ENCL	YES		X		X	N	NO WORK REQUIRED
5-250-0-E	ENGINE ROOM	YES			X	X	Y	EM01 P052
5-250-1-F	FUEL BALLAST TK	NO					N	REQUIRE GAS FREE
5-250-2-E	FUEL OVFL BALLAST	NO					N	REQUIRE GAS FREE
5-270-0-F	CP PROP HYD SUMP	NO					N	REQUIRE GAS FREE
5-276-0-F	L.O SUMP TK	NO					N	REQUIRE GAS FREE
5-290-2-F	FUEL TANK	NO					N	REQUIRE GAS FREE
5-292-0-E	AUX MCHRY RM #3	YES			X	X	Y	EM03 P057 CSMP EM02-Y071, A554

USS JOHN L. HALL – FFG 32 INTERIOR SHELL/STRUCTURAL ASSESSMENT MATRIX

LOCATION	AREA	SPACE ASSESSABLE	SHELL LAGGING	MCA	MAF	INSPECT SEMAT I	HOT SPACE	COMMENTS
5-292-1-W	POTABLE WATER TK	NO					N	REQUIRE GAS FREE
5-292-2-W	POTABLE WATER TK	NO					N	REQUIRE GAS FREE
5-292-3-W	POTABLE WATER TK	NO					N	REQUIRE GAS FREE
5-308-2-W	POTABLE WATER TK	NO					N	REQUIRE GAS FREE
5-308-1-W	POTABLE WATER TK	NO					N	REQUIRE GAS FREE
5-328-2-W	CLEAN BALLAST TK	NO					N	REQUIRE GAS FREE
5-328-1-W	CLEAN BALLAST TK	NO					N	REQUIRE GAS FREE
5-344-0-J	JP-5 TANK	NO					N	REQUIRE GAS FREE
5-368-0-V	VOID	NO					N	REQUIRE GAS FREE
5-386-0-V	INACC VOID	NO					N	INACCESSIBLE VOID
5-392-0-V	VOID	NO					N	REQUIRE GAS FREE
5-368-01-E	STRG GEAR RM	YES		X		X	N	NO WORK REQUIRED
5-376-1-A	BOSN STRM	YES		X		X	N	NO WORK REQUIRED

**USS JOHN L. HALL FFG-32
MOBILE AL.
NOV 5-16 2001
MOISTURE REPORT**

**ALL MOISTURE READINGS TAKEN THRU SHELL
PLATE INSULATION INDICATED WITHIN
TOLARANCE CONDITIONS WITH THE
EXCEPTION OF THE MAGAZINE SERVICE ROOM
4-64-0-Q WHICH HAD INSULATION SATURATED
WITH FRESH WATER.**

**THIS INSULATION WAS CURRENTLY IN THE
PROCESS OF BEING REPLACED WITH RIPOUT
APPROX 50% COMPLETE.**

**NO PRESERVATION PROBLEMS OR
STRUCTURAL DEGRADATION WAS UNCOVERED
IN THIS SPACE THUS IT IS LISTED UNDER
SATISFACTORY AREAS.**