

USS HUE CITY (CG-66)
SEMAT II SHELL CONDITION ASSESSMENT
SURVEY
INTERIOR AREAS
10/22/01 TO 11/02/01



PREPARED BY
SUPERVISOR OF SHIPBUILDING CONVERSION
AND
REPAIR
PORTSMOUTH, VIRGINIA
11/09/01

Q.E.D.
SYSTEMS, INC.

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7 November 2001

Q.E.D. Systems, Inc. was tasked by the Supervisor of Shipbuilding Conversion and Repair, USN (SPORT) Portsmouth, VA to conduct an Ultrasonic Thickness (U/T) Survey of specific locations on board USS HUE CITY (CG-66) during the period of 22 October – 2 November 2001.

The survey was conducted by Francis J. LaRock, Certified Level II on 9 March 2001.

The instrument used was a KrautKramer Branson, Model DMS.

Serial Number: 700744
Calibration Date: 23 June 2001
Probes Used: KBA-560
FH 2 E

The discrepancies have been recorded on MAF's and are included in this report.


Francis J. LaRock
Certified Level II
9 March 2001

USS HUE CITY (CG-66)

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USS HUE CITY (CG-66)
SHELL CONDITION ASSESSMENT SURVEY, INTERIOR AREAS.

A SEMAT II UNDERWATER HULL AND SUPPORTING STRUCTURE SURVEY OF INTERIOR AREAS WAS CONDUCTED ON BOARD USS HUE CITY (CG 66) FROM 10/22/01 TO 11/02/01 AT NAVAL STATION, MAYPORT FL.

THE SURVEY WAS CONDUCTED IN ACCORDANCE WITH HULL STRUCTURE MRC 1102 USING A DELMHORST BD 2100 MOISTURE METER AND A KRAUTKRAMER BRANSON MODEL DMC ULTRASONIC TEST INSTRUMENT SERIAL 700744 CALIBRATION DUE DATE 06/23/02. THE PROBES USED WERE KRAUTKRAMER BRANSON'S KBA560 AND FH2E.

THE MOST CRITICAL AREAS NOTED WERE THE TANK TOP BEHIND THE 60/ 400 HZ UNITS STARBOARD SIDE, IN AUXILIARY MACHINERY ROOM NO. 1, THE DECK UNDER THE STRAINERS AT MID LEVEL STARBOARD SIDE, AND THE STRINGERS LOWER LEVEL SHELL AT FRAME 200, IN MAIN ENGINE ROOM NO. 1.

HISTORIC AREAS OF CORROSION ON (CG-47) CLASS SHIPS WERE INSPECTED AND NOTED. THE OVERALL CONDITION OF USS HUE CITY'S HULL AND STRUCTURE IS IN GOOD CONDITION. THE SURVEY RESULTS PROVIDE ADDITIONAL INFORMATION.

USS HUE CITY STRUCTURAL INSPECTION RESULTS

UNSATISFACTORY AREAS

LOCATION	AREA	RESULTS
(6-506-0-E) STEERING GEAR ROOM	BETWEEN FRAMES 515 – 518 AND STIFFENERS 8 & 9 FROM CENTERLINE AND BETWEEN FRAMES 524 – 527 AND STIFFENERS 4 & 5 FROM CENTERLINE	COATING SYSTEM BREAKDOWN AND BLACK BEAUTY GRIT ON BOTTOM SHELL
(5-260-0-E) AUXILIARY MACHINERY ROOM 2	BETWEEN FRAMES 274 AND 292 OUTBD OF RETAINING WALL IN THE AREA OF THE SUMP	THE COATING SYSTEM IS BROKEN DOWN, AN AREA 10” WIDE AND 20’ LONG
(5-220-0-E) AUXILIARY MACHINERY ROOM 1	UPPER LEVEL STBD SIDE BEHIND 60/400 HZ CABINET FWD OF FRAME 236	THE DECK IS ERODED
(5-220-0-E) AUXILIARY MACHINERY ROOM 1	LOWER LEVEL STBD SIDE AFT	COATING SYSTEM BREAKDOWN, BLISTERED & FLAKING PAINT
(5-220-0-E) AUXILIARY MACHINERY ROOM 1	UPPER LEVEL PORT SIDE	THERE IS AN ERODED AREA ON THE DECK. U/T READING UNSAT (READING 0.261 MIN ALLOWED 0.281)
(5-174-0-E) MAIN ENGINE ROOM #1	MID LEVEL STBD SIDE UNDER CHEM. INJECTION TANK AND SALT WATER STRAINERS.	DECK IS HOLED AND EXTREMELY THIN
(5-174-0-E) MAIN ENGINE ROOM #1	STBD SIDE BILGE BETWEEN FRAMES 200 – 210, STRINGERS 1 – 4 FROM MARGIN PLATE	STRINGERS ERODED AND HOLED
(5-138-0-E) FWD PUMP ROOM	WHERE THE 3 RD STIFFENER FROM MARGIN PLATE MEETS BHD 138	AN INCOMPLETE WELD (THE HOLE IS 1” IN DIA. AND ¼” DEEP

USS HUE CITY STRUCTURAL INSPECTION RESULTS

UNSATISFACTORY AREAS

LOCATION	AREA	RESULTS
(5-138-0-E) FWD PUMP ROOM	THE SWORD PIT	COATING SYSTEM BREAKDOWN IN PIT
(5-34-0-Q) ENDUCTOR ROOM	ENTIRE SPACE	THE COATING SYSTEM HAS BROKEN DOWN
(4-78-1-A) BOSN STRM	FROM FRAMES 94 – 82	FIBER GLASS INSULATION WET
(4-78-1-A) BOSN STRM	ENTIRE DECK	COATING SYSTEM BREAKDOWN ON DECK
(4-78-1-A) BOSN STRM	THE SUMP	THERE IS A PIECE OF EQUIPMENT IN THE SUMP
(3-426-1-E) CHT ROOM AND SHAFT ALLEY	PORT AND STBD STERN TUBE STUFFING BOXES	COATING SYSTEM BREAKDOWN
(3-245-2-Q) UPS POWER BATTERY ROOM	ENTIRE SPACE	DECK COAT SYSTEM FAILURE.

USS HUE CITY STRUCTURAL INSPECTION RESULTS

SATISFACTORY AREAS

LOCATION	COMPARTMENT	MCA SUBMITTED
(3-28-0-Q)	SONAR ROOM NO. 3	YES
(3-127-0-Q)	TWS EQUIPMENT ROOM	YES
(3-127-2-T)	ACCESS TRUNK	YES
(3-138-3-L)	ACCESS	YES
(3-138-6-L)	ACCESS	YES
(3-146-0-L)	FEMALE BERTHING	YES
(3-260-0-A)	SD STOREROOM REPAIR PARTS (BULK)	YES
(3-260-2-Q)	SNAP COMPUTER ROOM	YES
(3-346-0-L)	CREW BERTHING	YES
(3-382-1-A)	BULK STOREROOM	YES
(3-382-2-Q)	AEGIS COOLING ROOM NO.2	YES
(3-393-4-Q)	400 HZ ROOM	YES
(3-436-2-A)	ORDANANCE EQUIPMENT STRM	YES
(3-440-2-A)	SD STRM REPAIR	YES
(4-28-0-T)	ACCESS TRUNK	YES
(4-34-0-Q)	SONAR ROOM NO. 4	YES
(4-58-0-Q)	DOMES EQUIPMENT ROOM	YES
(4-78-2-A)	CREW BAGGAGE STOREROOM	YES
(5-174-T)	ESCAPE TRUNK	YES
(6-28-0-T)	ACCESS TRUNK	YES

USS HUE CITY STRUCTURAL **INSPECTION RESULTS**

SATISFACTORY AREAS

LOCATION	COMPARTMENT	MCA SUBMITTED
(6-464-3-Q)	COMPRESSOR ROOM	YES
(6-464-4-K)	FLAMABLE LIQUID STRM	YES
(6-476-2-L)	PASSAGE WAY	YES
(6-485-2-A)	SECURITY FORCE LOCKER	YES
(6-488-3-A)	REEL STOREROOM NO. 1	YES

USS HUE CITY STRUCTURAL INSPECTION RESULTS

UNASSESSABLE AREAS

LOCATION	COMPARTMENT	RESULTS
2 ½-10-0-A	CHAIN LOCKER	UNASSESSABLE/ REQUIRES GAS FREE
2 ½-20-0-A	CHAIN LOCKER	UNASSESSABLE/ REQUIRES GAS FREE
3-58-1-M	MAGAZINE	UNASSESSABLE
3-58-2-M	MAGAZINE	UNASSESSABLE
3-62-0-M	MAGAZINE	UNASSESSABLE
3-81-1-M	MAGAZINE	UNASSESSABLE
3-81-2-M	MAGAZINE	UNASSESSABLE
3-94-0-M	MAGAZINE	UNASSESSABLE
5-E-0-V	VOID	UNASSESSABLE/ REQUIRES GAS FREE
5-128-0-V	VOID	UNASSESSABLE/ REQUIRES GAS FREE
5-162-1-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
5-162-2-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
5-204-2-V	VOID	UNASSESSABLE/ REQUIRES GAS FREE
5 ½-300-1-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
5 ½-306-1-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6 ½-2-0-Q	CHAIN LOCKER ACCESS	UNASSESSABLE
6-8-0-T	TRUNK	UNASSESSABLE
6 ½-11-0-V	VOID	UNASSESSABLE/ REQUIRES GAS FREE
6 ½-33-0-V	VOID	UNASSESSABLE/ REQUIRES GAS FREE
6-34-0-V	VOID	UNASSESSABLE/ REQUIRES GAS FREE
6-58-1-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-58-2-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-94-1-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-94-2-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-138-1-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-138-2-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-174-1-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-174-2-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-202-1-V	VOID	UNASSESSABLE/ REQUIRES GAS FREE
6-214-1-W	OW DRAIN TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-216-2-V	VOID	UNASSESSABLE/ REQUIRES GAS FREE
6-218-1-W	GT DRAIN TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-220-1-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-220-2-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-220-3-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-220-4-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-260-1-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-260-2-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE

USS HUE CITY STRUCTURAL INSPECTION RESULTS

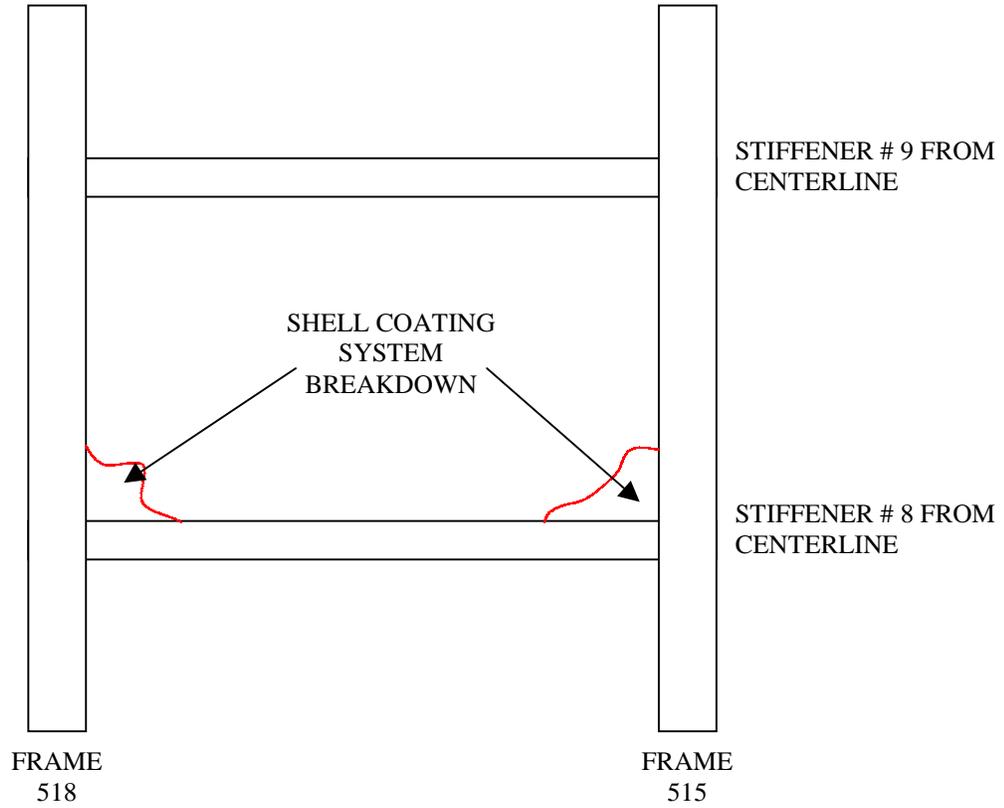
UNASSESSABLE AREAS

LOCATION	COMPARTMENT	RESULTS
6-272-1-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-272-2-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-298-2-W	WATER TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-300-2-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-300-3-V	VOID	UNASSESSABLE/ REQUIRES GAS FREE
6-342-2-W	WATER TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-344-2-W	WATER TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-346-1-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-346-2-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-346-3-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-346-4-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-366-1-W	WATER TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-366-2-W	WATER TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-382-1-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-382-2-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-382-3-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-382-4-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-394-1-J	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-394-2-J	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-414-1-J	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-414-2-J	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-418-2-J	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-426-1-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-426-2-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-464-1-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-464-2-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-470-1-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-470-2-F	FUEL TANK	UNASSESSABLE/ REQUIRES GAS FREE
6-488-1-V	VOID	UNASSESSABLE/ REQUIRES GAS FREE
6-488-2-V	VOID	UNASSESSABLE/ REQUIRES GAS FREE

MATERIAL ASSESSMENT FORM

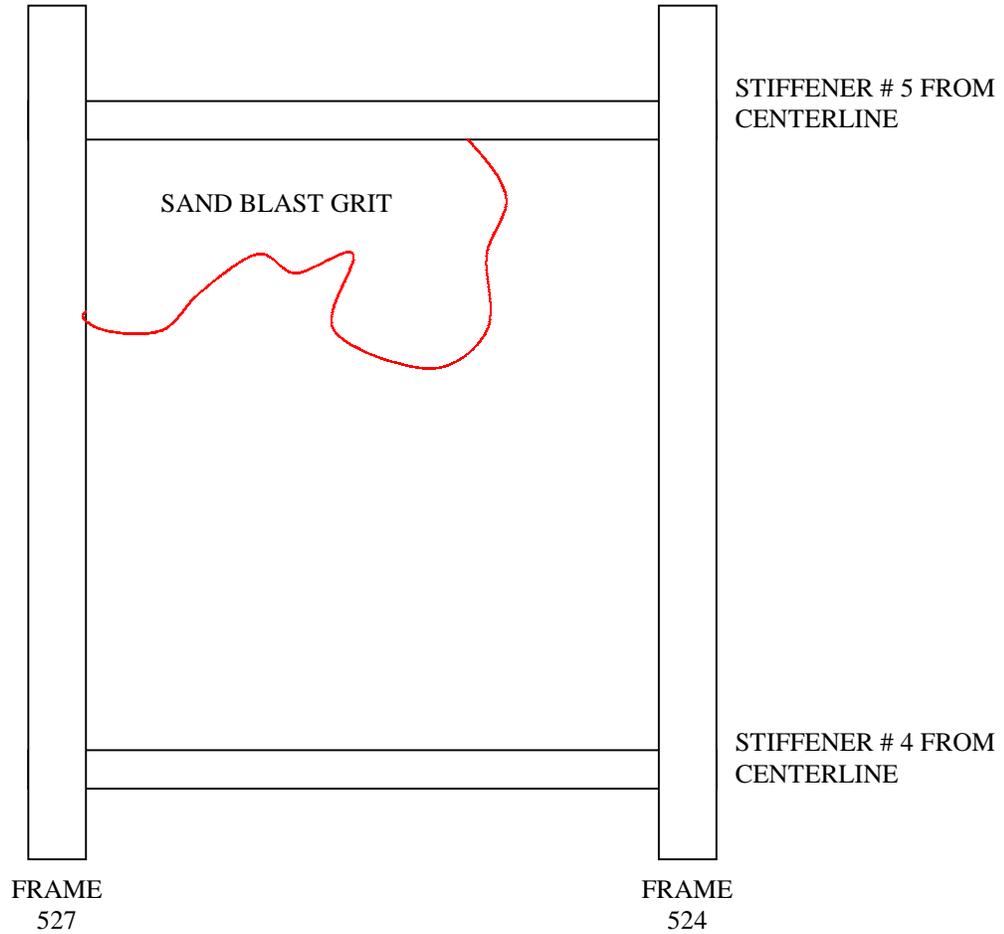
ITEM NUMBER		SHIP USS HUE CITY (CG 66)				
SYSTEM SHELL & SUPPORTING STRUCTURE 110		ESWBS 11011	EIC A100	APL X-SYSTEMS	RIN N/L	
EQUIPMENT NAME HULL STRUCTURE 1102XY		IDENT/SERIAL N/A	LOCATION 6-506-0-E	WORK CENTER ERO1	JSN A063	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY		EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. 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 5. L - LIMITED		.9
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.PIROR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 4. NOT APPLICABLE	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 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 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 10. OTHER OR NOT APPLICABLE	
MAN HRS EXPENDED 2	MAN HRS REMAINING 10	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 5. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 6. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE	
DISCREPANCY DESCRIPTION: PER SEMAT II UNDERWATER HULL ASSESSMENT: COMPT 6-506-0-E BETWEEN FRS 515 AND 518 AND STIFFENERS 8 AND 9 FROM CENTERLINE ON SHELL COATING SYSTEM BREAKDOWN, BETWEEN FRS 524 AND 527OF STIFFENER # 4 AND 5 FROM CENTERLINE, BLACK BEAUTY GRIT ON BOTTOM SHELL.						
RECOMMENDED REPAIRS: BETWEEN FRS 515 AND 518 AND STIFFENERS 8 AND 9 APPROX 2 SQ FT. MACHANICALLY CLEAN AND REPAINT, BETWEEN FRS 524 AND 527 OF STIFFENERS 4 AND 5 REMOVE GRIT AND MACHANICALLY CLEAN, PAINT TO MATCH EXISTING PAINT.						
SSPORT C221 POC: F. PRAISSMAN (757) 396-4001 EXT 2186, TPOC: C. WILSON						
CSMP SUMMARY: COATING SYSTEM BREAKDOWN.				TEST# MRC 1102/1		
ROOT CAUSE/AMPLIFICATION: H1				STEP# 1,2,3,4 & 5		
SYSTEM LEVEL IMPACT:						
PART NO.	NOMEMCLATURE			QTY	NSN	COST
1						
2						
3						
4						
5						
6						
FIRST CONTACT MC EUEN	RATE HTI	SECOND CONTACT FARRY		RATE DCC	PHONE	
ASSESSOR / ACT / TECH ID# F. LaROCK/A. WRIGHT OED SYSTEMS INC.			TD	TL	LOGISTICIAN	TSP

USS HUE CITY (CG-66)
STEERING GEAR ROOM (6-506-0-E)
STBD SIDE



F. LaROCK / A. WRIGHT
QED SYSTEMS INC .
10/31/01

USS HUE CITY (CG-66)
STEERING GEAR ROOM (6-506-0-E)
STBD SIDE



F. LaROCK / A. WRIGHT
QED SYSTEMS INC .
10/31/01

USS HUE CITY (CG-66)
STEERING GEAR ROOM (6-506-0-E)
STBD SIDE



SHELL AND COATING SYSTEM BREAKDOWN. RECOMMEND MECHANICALLY CLEAN AND REPAINT AREA BETWEEN FRS 515 AND 518 AND STIFFENERS 8 AND 9 FROM CENTERLINE.

USS HUE CITY (CG-66)
STEERING GEAR ROOM (6-506-0-E)
STBD SIDE

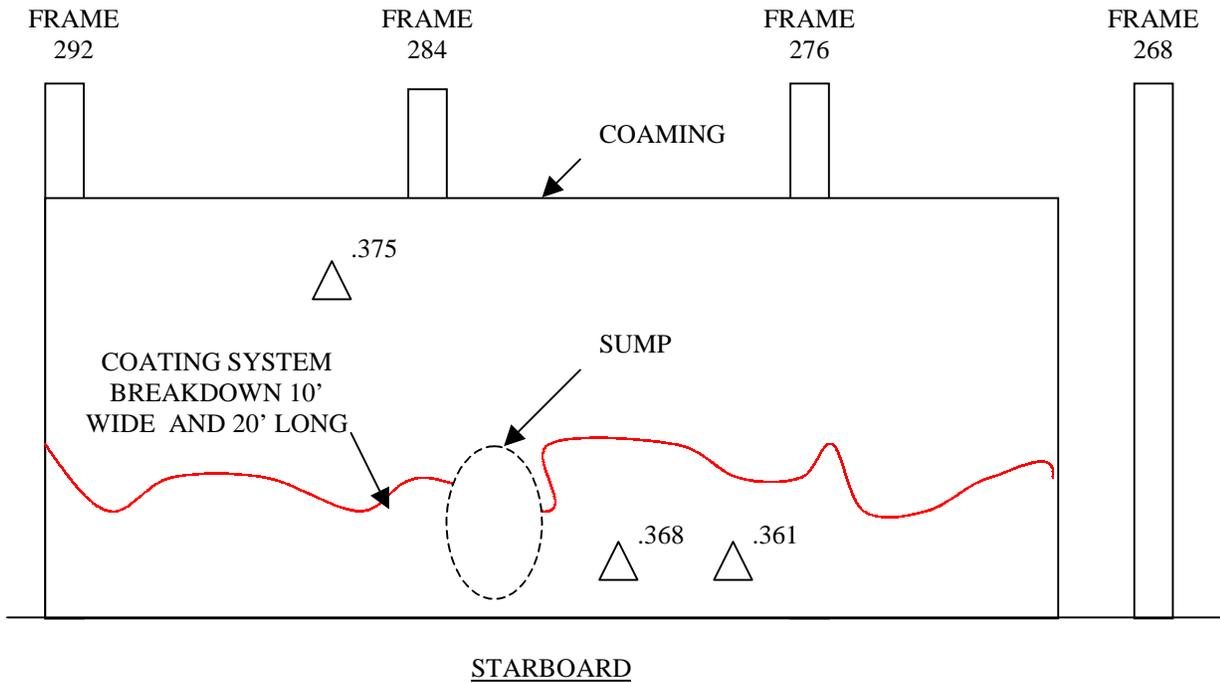


SANDBLAST GRIT, AREA RECOMMENDED FOR CLEANING
PRESERVE AND PAINT

MATERIAL ASSESSMENT FORM

ITEM NUMBER		SHIP USS HUE CITY (CG 66)					
SYSTEM SHELL & SUPPORTING STRUCTURE 110		ESWBS 11011	EIC A100	APL X-SYSTEMS		RIN N/L	
EQUIPMENT NAME HULL STRUCTURE 1102XY		IDENT/SERIAL N/A		LOCATION 5-260-0-E	WORK CENTER ERO1	JSN A062	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY		EOC	
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. 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 5. L - LIMITED		.9	
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. PIROR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 4. NOT APPLICABLE		1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 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 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 10. OTHER OR NOT APPLICABLE	
MAN HRS EXPENDED 2	MAN HRS REMAINING 20	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 5. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 6. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE		
DISCREPANCY DESCRIPTION: PER SEMAT II UNDERWATER HULL ASSESSMENT: COMPT 5-260-0-E BETWEEN FRS 274 AND 292							
OUTBD OF RETAINING WALL IN THE AREA OF THE SUMP THE COATING SYSTEM IS BROKEN DOWN, AN AREA							
10" WIDE AND 20' LONG.							
RECOMMENDED REPAIRS:							
MECHANICALLY CLEAN AND PRESERVE APPROX 20 SQ FT OF SURFACE AREA, RECOAT TO MATCH SURROUNDING AREA.							
SSPORT C221 POC: F. PRAISSMAN (757) 396-4001 EXT 2186, TPOC: C. WILSON							
CSMP SUMMARY: COATING SYSTEM BREAKDOWN.					TEST# MRC 1102/1		
ROOT CAUSE/AMPLIFICATION: H1					STEP# 1,2,3,4 & 5		
SYSTEM LEVEL IMPACT: NONE							
PART NO.	NOMEMCLATURE			QTY	NSN	COST	
1							
2							
3							
4							
5							
6							
FIRST CONTACT MC EUEN	RATE HTI	SECOND CONTACT FARRY		RATE DCC	PHONE		
ASSESSOR / ACT / TECH ID# F. LaROCK/A. WRIGHT OED SYSTEMS INC.			TD	TL	LOGISTICIAN	TSP	

USS HUE CITY (CG-66)
AUX 2 (5-260-0-E)
BETWEEN FRS 274 AND 292 OUTBD OF RETAINING
WALL IN AREA OF THE SUMP



F. LaROCK / A. WRIGHT
QED SYSTEMS INC.
10/31/01

USS HUE CITY (CG-66)
AUX 2 (5-260-0-E)

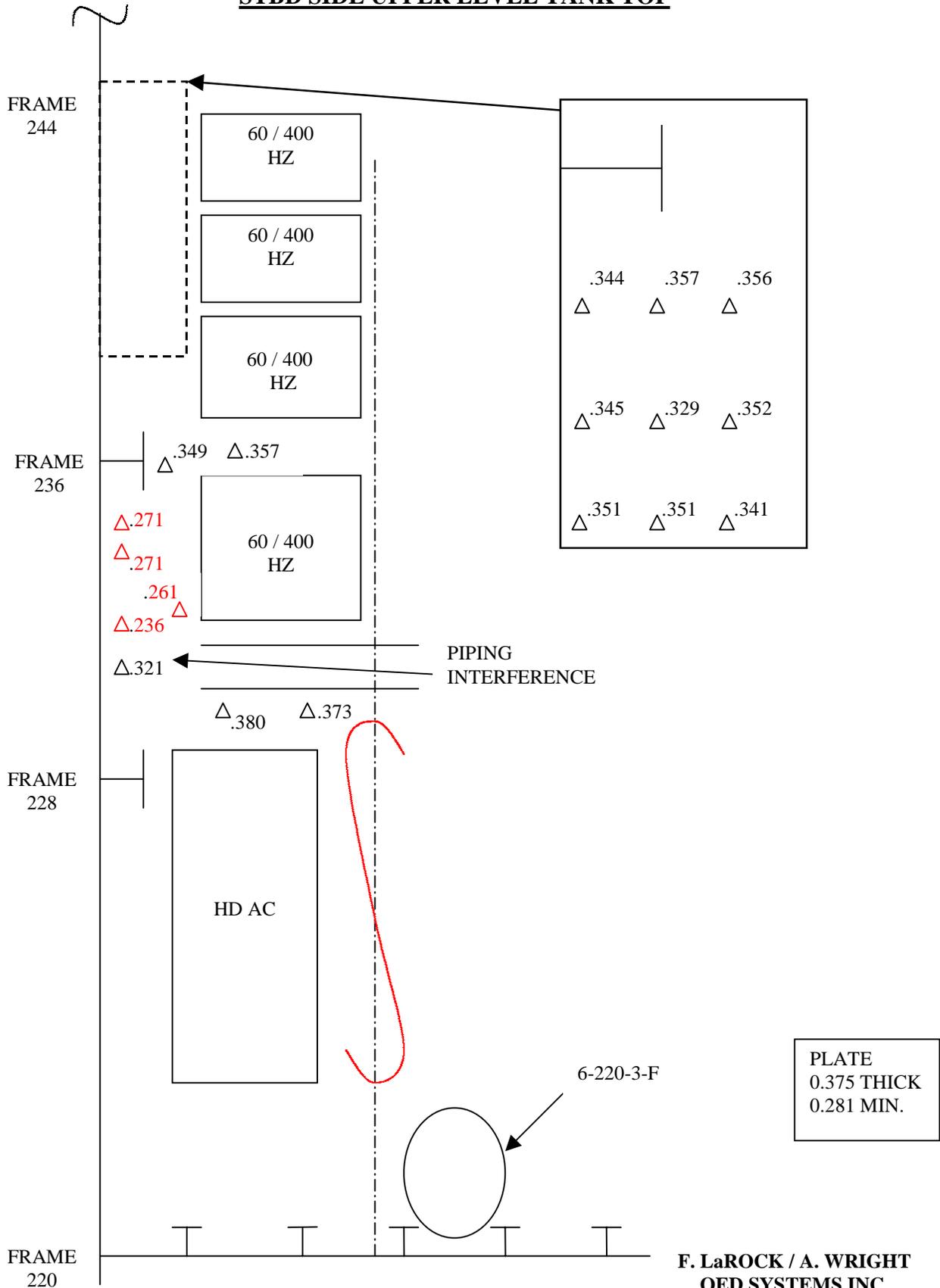


COATING SYSTEM FAILURE

MATERIAL ASSESSMENT FORM

ITEM NUMBER		SHIP USS HUE CITY (CG 66)					
SYSTEM SHELL & SUPPORTING STRUCTURE 110		ESWBS 50812	EIC A100	APL X-SYSTEMS		RIN N/L	
EQUIPMENT NAME HULL STRUCTURE 1102XY		IDENT/SERIAL N/A		LOCATION 5-220-0-E	WORK CENTER ERO1	JSN A060	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY		EOC	
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. 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 5. L - LIMITED		.9	
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. PIROR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 4. NOT APPLICABLE	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 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 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 10. OTHER OR NOT APPLICABLE		
MAN HRS EXPENDED 2	MAN HRS REMAINING 64	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 5. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 6. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE		
DISCREPANCY DESCRIPTION: PER SEMAT II UNDERWATER HULL ASSESSMENT: IN COMPT 5-220-0-E UPPER LEVEL STBD SIDE BEHIND 60/ 400 HZ CABINET THE DECK IS ERODED AWAY FWD OF FR 236.							
RECOMMENDED REPAIRS: CROP OUT AND REPLACE APPROX 16 SQ FT OF 0.375 PLATE. INTERFERENCES INCLUDE 60/ 400 HZ CABINETS, COOLING WATER PIPING, FUEL OIL TANK 6-220-3-F CLEAN AND GAS FREE							
SSPORT C221 POC: F. PRAISSMAN (757) 396-4001 EXT 2186, TPOC: C. WILSON							
CSMP SUMMARY: DECK FAILURE				TEST# MRC 1102/1			
ROOT CAUSE/AMPLIFICATION: H1				STEP# 1,2,3,4 & 5			
SYSTEM LEVEL IMPACT: POSSIBLE FUEL LEAKING							
PART NO.	NOMEMCLATURE			QTY	NSN	COST	
1							
2							
3							
4							
5							
6							
FIRST CONTACT MC EUEN	RATE HTI	SECOND CONTACT FARRY		RATE DCC	PHONE		
ASSESSOR / ACT / TECH ID# F. LaROCK/A. WRIGHT QED SYSTEMS INC.			TD	TL	LOGISTICIAN	TSP	

USS HUE CITY (CG 66)
AUX 1 (5-220-0-E)
STBD SIDE UPPER LEVEL TANK TOP



F. LaROCK / A. WRIGHT
QED SYSTEMS INC.
10/28/01

USS HUE CITY (CG-66)
AUX 1 (5-220-0-E)
UPPER LEVEL STBD SIDE



**AREA BEHIND 60/ 400 HZ CABINET THE DECK IS ERODED AWAY FWD OF FR 236.
RECOMMEND CROP OUT AND REPLACE APPROX 16 SQ FT OF 0.375 PLATE.
INTERFERENCES INCLUDE 60/ 400HZ CABINETS, COOLING WATER PIPING, FUEL
OIL TANK 6-220-3-F CLEAN AND GAS FREE.**

MATERIAL ASSESSMENT FORM

ITEM NUMBER			SHIP USS HUE CITY (CG 66)					
SYSTEM SHELL & SUPPORTING STRUCTURE 110		ESWBS 11011	EIC A100	APL X-SYSTEMS		RIN N/L		
EQUIPMENT NAME HULL STRUCTURE 1102XY		IDENT/SERIAL N/A		LOCATION 5-220-0-E	WORK CENTER ERO1		JSN A061	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY			EOC	
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. 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 5. L - LIMITED			.9	
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. PIROR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 4. NOT APPLICABLE		1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 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 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 10. OTHER OR NOT APPLICABLE		
MAN HRS EXPENDED 2	MAN HRS REMAINING 200		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 5. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 6. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE		
DISCREPANCY DESCRIPTION: PER SEMAT II UNDERWATER HULL ASSESSMENT: IN COMPT 5-220-0-E UPPER LEVEL PORT SIDE								
THERE IS AN ERODED AREA ON THE DECK OUTBD OF AFTER FOUNDATION FOR AEGIS COOLING. U/ T READING UNSAT.								
(READING 0.261 MIN ALLOWED 0.281)								
RECOMMENDED REPAIRS:								
CLAD WELD REPAIR 16 SQ IN AREA OF DECK. DECK IS ALSO TANK TOP FOR 6-220-4-F TANK MUST BE CLEANED AND GAS FREED.								
SSPORT C221 POC: F. PRAISSMAN (757) 396-4001 EXT 2186, TPOC: C. WILSON								
CSMP SUMMARY: DECK ERODED						TEST# MRC 1102/1		
ROOT CAUSE/AMPLIFICATION: H1						STEP# 1,2,3,4 & 5		
SYSTEM LEVEL IMPACT: NONE								
PART NO.	NOMEMCLATURE			QTY	NSN		COST	
1								
2								
3								
4								
5								
6								
FIRST CONTACT MC EUEN		RATE HTI	SECOND CONTACT FARRY		RATE DCC	PHONE		
ASSESSOR / ACT / TECH ID# F. LaROCK/A. WRIGHT QED SYSTEMS INC.				TD	TL	LOGISTICIAN	TSP	

USS HUE CITY (CG 66)
AUX 1 (5-220-0-E)
PORT SIDE UPPER LEVEL TANK TOP

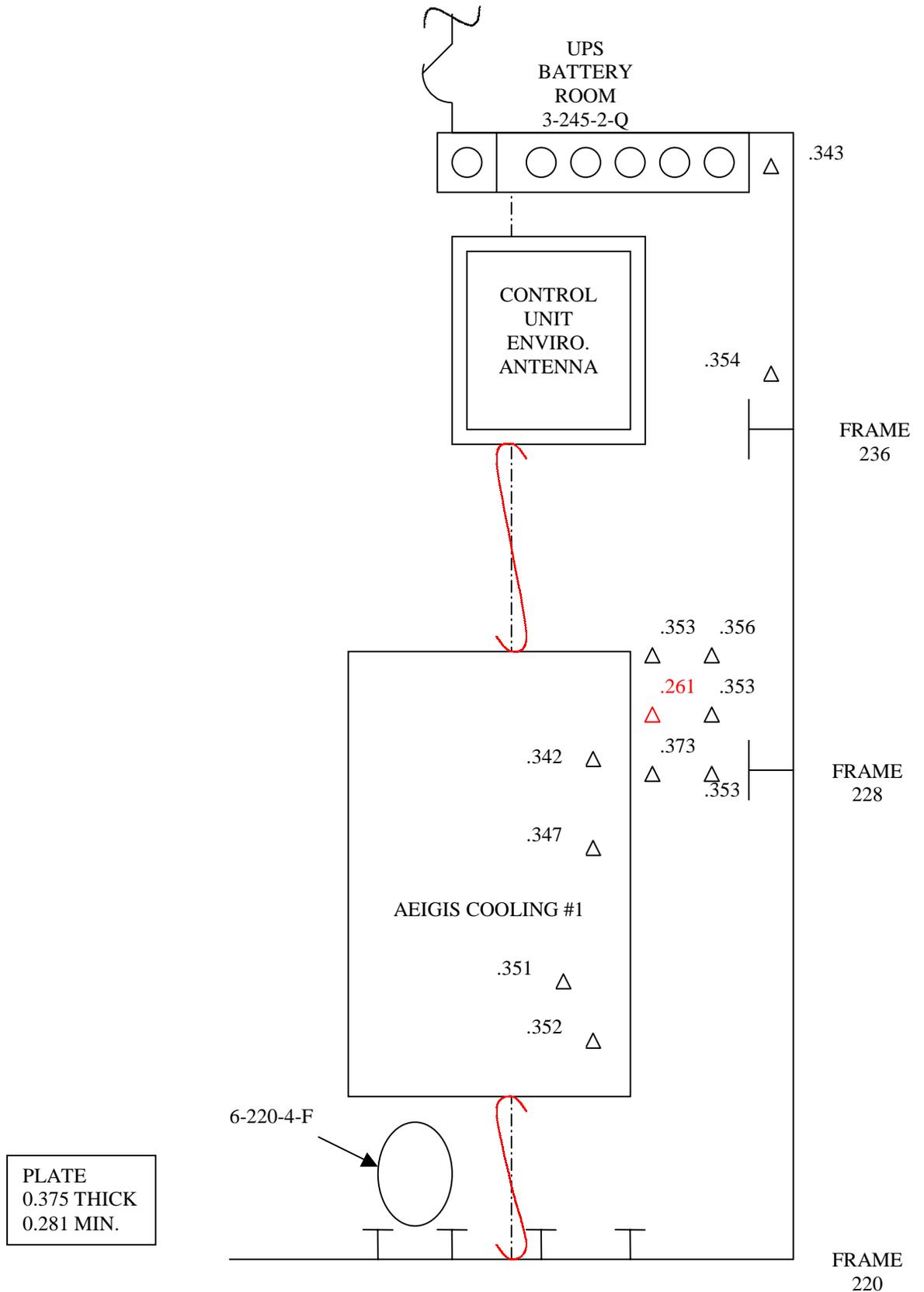


PLATE
 0.375 THICK
 0.281 MIN.

F. LaROCK / A. WRIGHT
 QED SYSTEMS INC.
 10/28/01

USS HUE CITY (CG-66)
AUX 1 (5-220-0-E)
UPPER LEVEL PORT SIDE

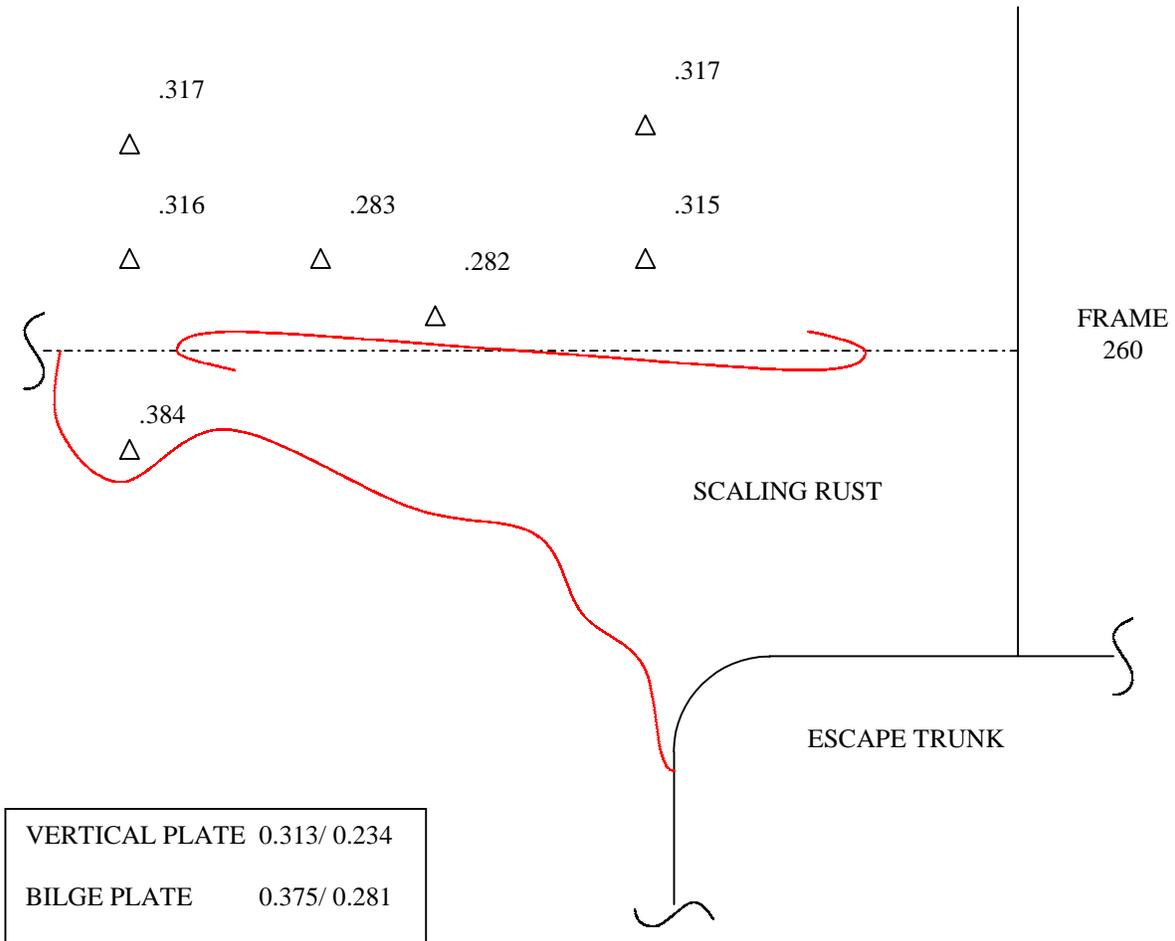


THERE IS AN ERODED AREA ON THE DECK OUTBD OF AFTER FOUNDATION FOR AEGIS COOLING. RECOMMEND CLAD WELD REPAIR 16 SQ IN AREA OF DECK, DECK IS ALSO TANK TOP FOR 6-220-4-F TANK MUST BE CLEANED AND GAS FREED.

MATERIAL ASSESSMENT FORM

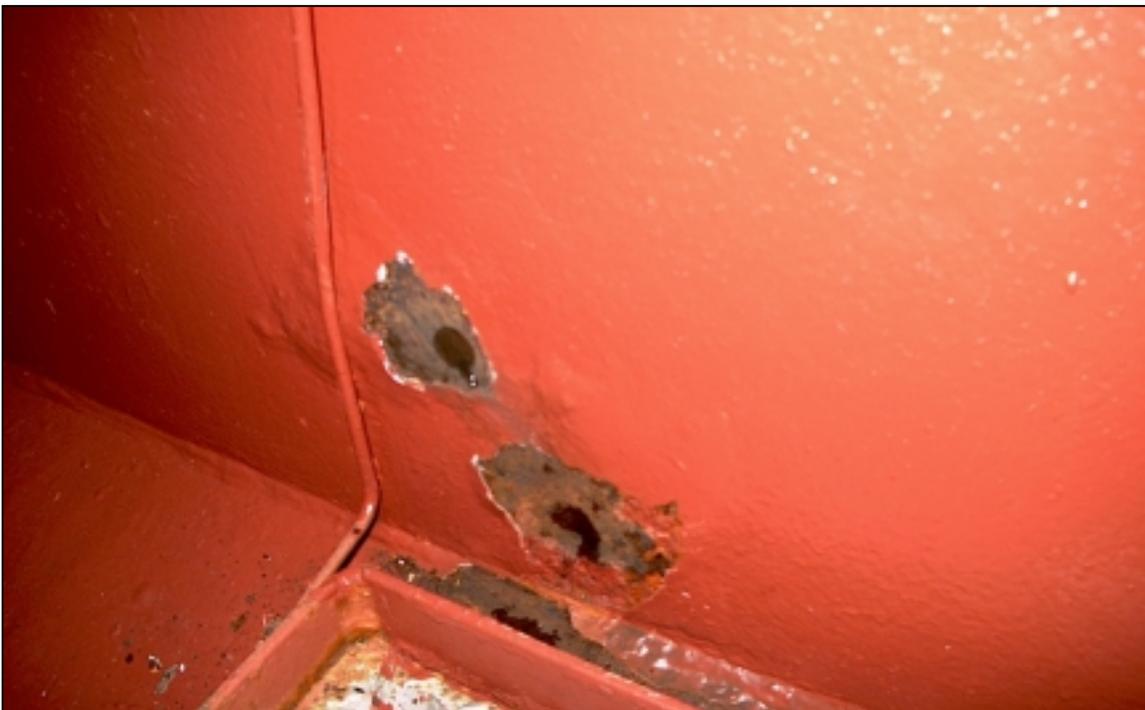
ITEM NUMBER				SHIP USS HUE CITY (CG 66)			
SYSTEM SHELL & SUPPORTING STRUCTURE 110		ESWBS 50812	EIC A100	APL X-SYSTEMS		RIN N/L	
EQUIPMENT NAME HULL STRUCTURE 1102XY		IDENT/SERIAL N/A	LOCATION 5-220-0-E	WORK CENTER ERO1		JSN	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY		EOC	
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. 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 5. L - LIMITED		.9	
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. PIROR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 4. NOT APPLICABLE	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 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 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 10. OTHER OR NOT APPLICABLE		
MAN HRS EXPENDED 2	MAN HRS REMAINING 20	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 5. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 6. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE		
DISCREPANCY DESCRIPTION: PER SEMAT II UNDERWATER HULL ASSESSMENT: IN COMPT 5-220-0-E LOWER LEVEL STBD SIDE							
AFT, COATING SYSTEM BREAKDOWN BLISTERED AND FLAKING PAINT.							
RECOMMENDED REPAIRS:							
MACHANICALLY CLEAN APPROX 16 SQ FT AREA RECOAT TO MATCH SURROUNDING AREA							
SSPORT C221 POC: F. PRAISSMAN (757) 396-4001 EXT 2186, TPOC: C. WILSON							
CSMP SUMMARY: COATING SYSTEM BREAKDOWN						TEST# MRC 1102/1	
ROOT CAUSE/AMPLIFICATION: H1						STEP# 1,2,3,4 & 5	
SYSTEM LEVEL IMPACT: NONE							
PART NO.	NOMEMCLATURE			QTY	NSN		COST
1							
2							
3							
4							
5							
6							
FIRST CONTACT MC EUEN	RATE HTI	SECOND CONTACT FARRY		RATE DCC	PHONE		
ASSESSOR / ACT / TECH ID# F. LaROCK/A. WRIGHT QED SYSTEMS INC.				TD	TL	LOGISTICIAN	TSP

USS HUE CITY (CG 66)
AUX 1 (5-220-0-E)
STBD SIDE LOWER LEVEL FRAME 252-260
AT DECK PLATE LEVEL FO TANK 6-220-3-F



F. LaROCK / A. WRIGHT
QED SYSTEMS INC.
 10/29/01

USS HUE CITY (CG-66)
AUX 1 (5-220-0-E) LOWER LEVEL STBD SIDE
FR 252 – 260 AT DECK PLATE LEVEL FO TANK 6-220-3-F



**COATING SYSTEM BREAKDOWN BLISTERED AND FLAKING PAINT. RECOMMEND
MACHANICALLY CLEAN APPROX. 16 SQ FT AREA RECOAT TO MATCH
SURROUNDING AREA.**

**SHIPS FORCE WORK ITEM
EMO1 0749**

USS HUE CITY (CG-66)
STBD SIDE BILGE (5-174-0-E)

FRAME
200

FRAME
210

				(4' X 10" T BEAM) DECK GRATING LEVEL
W .131 F .194		W .186 F .197		
				(4" X 10" T BEAM) REPLACE 30" F & W
F .192		F .180		
W .260		W .264 F .266		
				(4" X 10" T BEAM) REPLACE 30" TO EXISTING WELD
F .199		F .183		
W .187 F (HOLE)		W .105 F .131	F .181	
				(4" X 8" T BEAM) REPLACE 4 FT. HOLE IN FLANGE
F (HOLE)		F .095		
W .173 F .095		F .121		
				(4" X 8" T BEAM) REPLACE 8 FT. KNIFE EDGE
F .097		F .151		
				MARGIN PLATE

29

F. LaROCK / A. WRIGHT
QED SYSTEMS INC.
10/31/01

USS HUE CITY (CG-66)
STBD SIDE BILGE (5-174-0-E)



HOLE IN WEB OF (4" X 10" T BEAM) NEAR FR 200, 4TH STRINGER UP FROM MARGIN PLATE.



HOLE IN WEB OF (4" X 10" T BEAM) NEAR FR 200, 3RD STRINGER UP FROM MARGIN PLATE.

USS HUE CITY (CG-66)
STBD SIDE BILGE (5-174-0-E)



HOLE IN FLANGE OF (4" X 8" T BEAM) NEAR FR 200, 2ND STRINGER UP FROM MARGIN PLATE

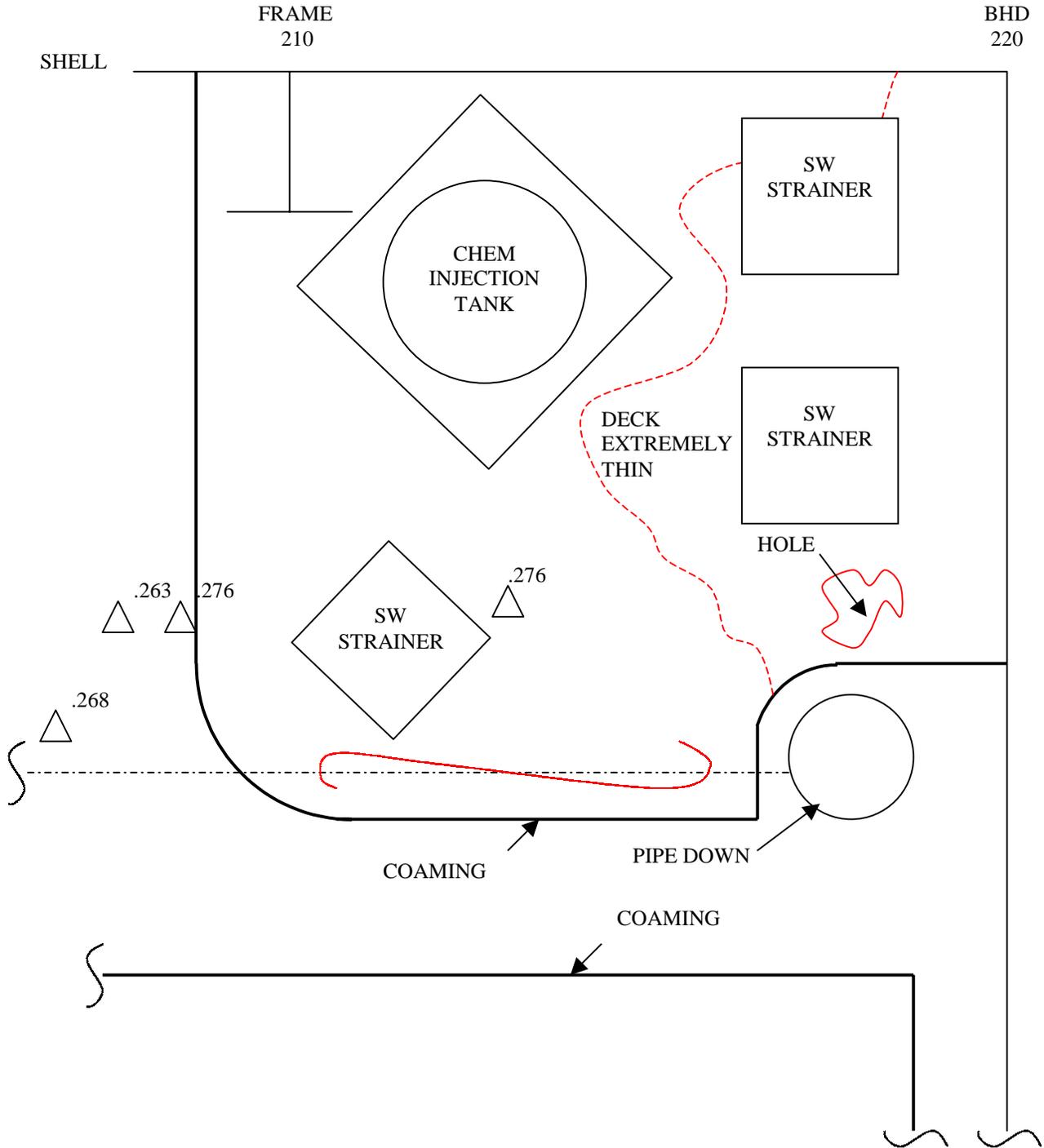


KNIFE EDGE (4" X 8" T BEAM) NEAR FR 200, 1ST STRINGER UP FROM MARGIN PLATE

MATERIAL ASSESSMENT FORM

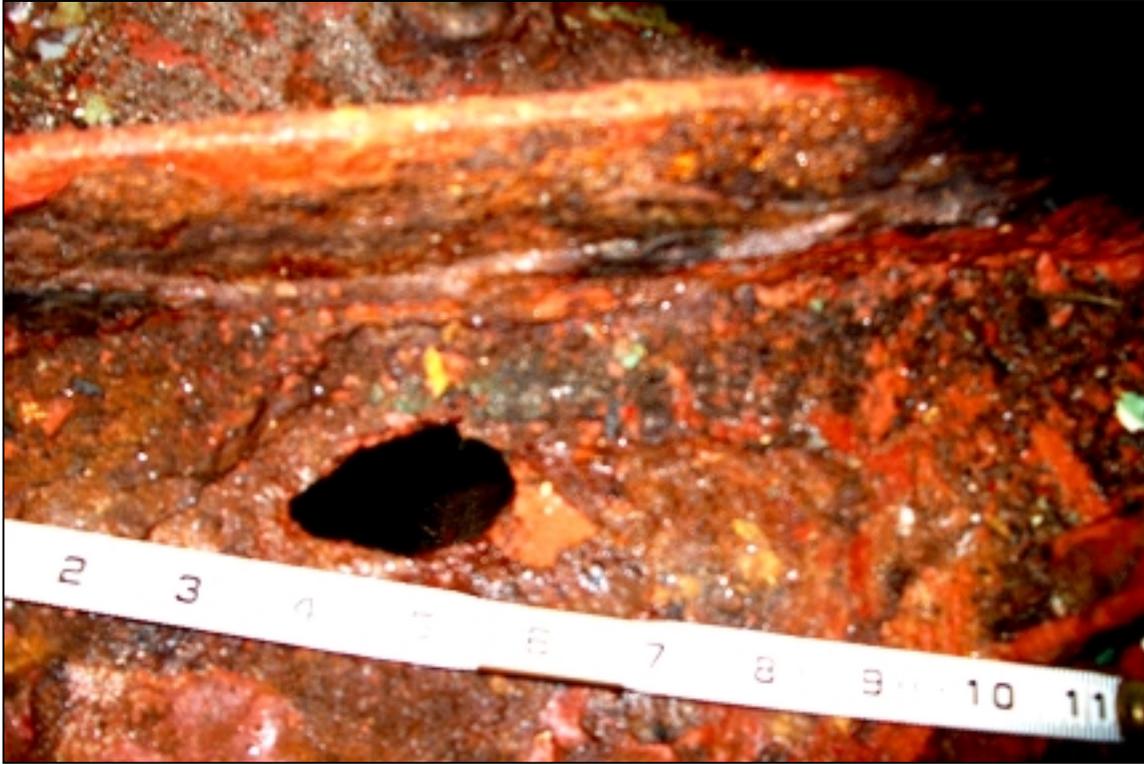
ITEM NUMBER		SHIP USS HUE CITY (CG 66)					
SYSTEM SHELL & SUPPORTING STRUCTURE 110		ESWBS 11011	EIC A100	APL X-SYSTEMS		RIN N/L	
EQUIPMENT NAME HULL STRUCTURE 1102XY		IDENT/SERIAL N/A		LOCATION 5-174-0-E	WORK CENTER ERO1	JSN A059	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY		EOC .9	
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. 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 5. 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. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PIROR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 4. NOT APPLICABLE	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 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 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 10. OTHER OR NOT APPLICABLE		
MAN HRS EXPENDED 2	MAN HRS REMAINING 200	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 5. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 6. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE		
DISCREPANCY DESCRIPTION: PER SEMAT II UNDERWATER HULL ASSESSMENT: IN COMPT 5-174-0-E MID LEVEL STBD SIDE							
THE DECK UNDER CHEM INJECTION TANK AND SW STRAINERS IS HOLED AND EXTREMELY THIN.							
RECOMMENDED REPAIRS:							
CROP OUT AND REPLACE APPROX 72 SQ FT OF .250 PLATE ?? INTERFERENCES INCLUDE TANK, THREE STRAINERS, PIPING AND VALVES							
SSPORT C221 POC: F. PRAISSMAN (757) 396-4001 EXT 2186, TPOC: C. WILSON							
CSMP SUMMARY: DECK WASTED AWAY					TEST#	MRC 1102/1	
ROOT CAUSE/AMPLIFICATION: H1					STEP#	1,2,3,4 & 5	
SYSTEM LEVEL IMPACT: DECK FAILURE							
PART NO.	NOMEMCLATURE			QTY	NSN	COST	
1							
2							
3							
4							
5							
6							
FIRST CONTACT MC EUEN	RATE HTI	SECOND CONTACT FARRY		RATE DCC	PHONE		
ASSESSOR / ACT / TECH ID# F. LaROCK/A. WRIGHT QED SYSTEMS INC.				TD	TL	LOGISTICIAN	
						TSP	

USS HUE CITY (CG-66)
MID LEVEL STBD SIDE (5-174-0-E)



F. LaROCK / A. WRIGHT
QED SYSTEMS INC.
10/31/01

USS HUE CITY (CG-66)
MID LEVEL STBD SIDE (5-174-0-E)

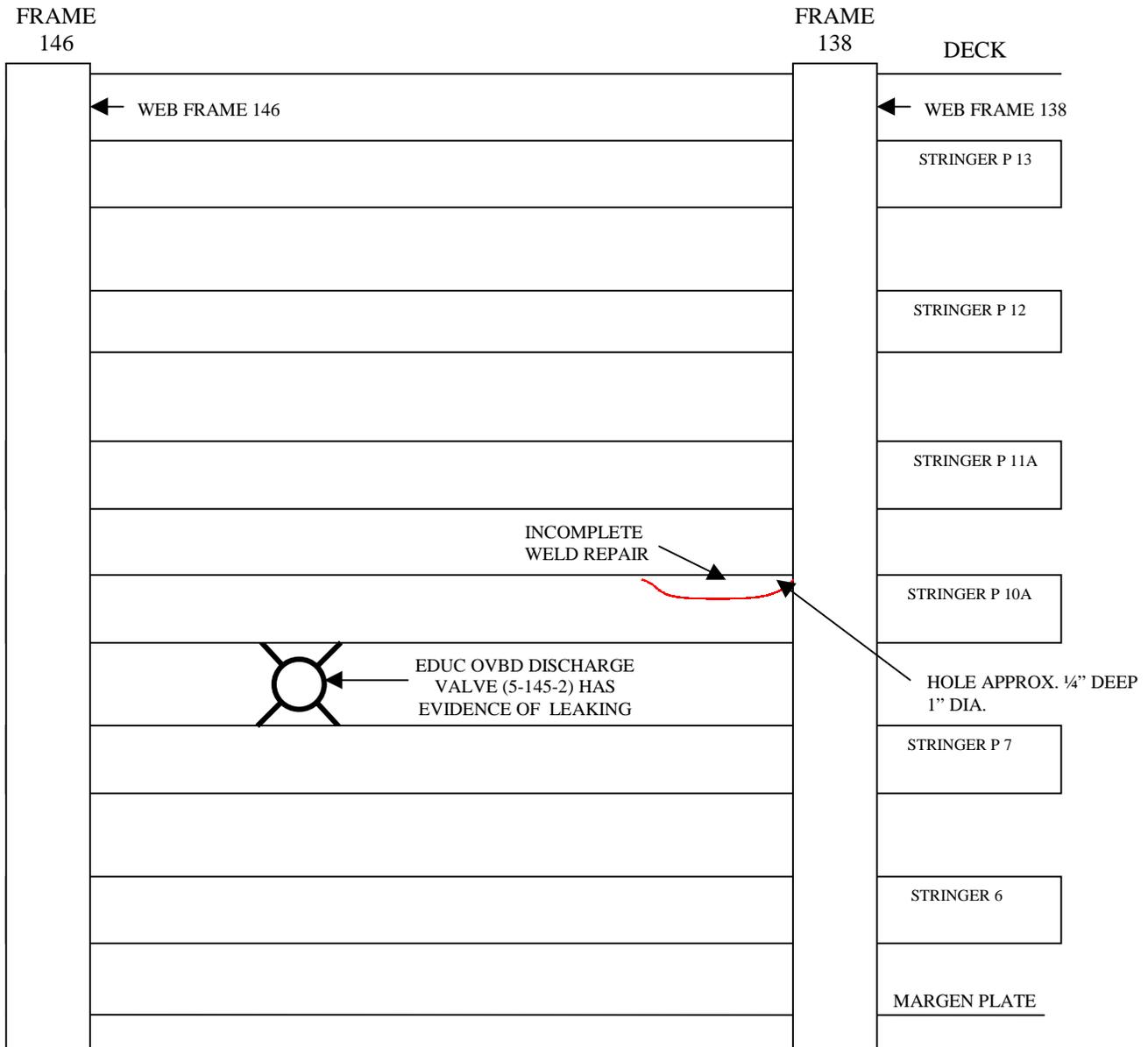


THE DECK UNDER CHEM INJECTION TANK AND SW STRAINERS IS HOLED AND EXTREMELY THIN. CROP OUT AND REPLACE APPROX 72 SQ FT OF 0.250 PLATE INTERFERENCES INCLUDE TANK, THREE STRAINERS, PIPING AND VALVES.

MATERIAL ASSESSMENT FORM

ITEM NUMBER				SHIP USS HUE CITY (CG 66)					
SYSTEM SHELL & SUPPORTING STRUCTURE 110		ESWBS 50812		EIC A100		APL X-SYSTEMS		RIN N/L	
EQUIPMENT NAME HULL STRUCTURE 1102XY			IDENT/SERIAL N/A		LOCATION 5-138-0-E		WORK CENTER ERO1		JSN A053
EQUIPMENT STATUS			PROBLEM STATUS			CATEGORY			EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. 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 5. L - LIMITED			.9
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. PIROR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY		1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 4. NOT APPLICABLE		1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 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 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 10. OTHER OR NOT APPLICABLE	
MAN HRS EXPENDED 2		MAN HRS REMAINING 200		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 5. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 6. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION				1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE	
DISCREPANCY DESCRIPTION: PER SEMAT II UNDERWATER HULL ASSESSMENT: IN COMPT 5-138-0-E THERE APPEARS TO BE AN INCOMPLETE WELD WHERE THE 3 RD STIFFENER FROM MARGIN PLATE MEETS BHD 138. THE HOLE IS ONE INCH IN DIA. AND ¼ INCH DEEP.									
RECOMMENDED REPAIRS: CLEAN THE WELD SURFACES AND COMPLETE THE WELD FUEL TANKS MUST BE EMPTY 6-94-2-F AND 6-138-2-F.									
SSPORT C221 POC: F. PRAISSMAN (757) 396-4001 EXT 2186, TPOC: C. WILSON									
CSMP SUMMARY: INCOMPLETE WELD							TEST# MRC 1102/1		
ROOT CAUSE/AMPLIFICATION: H1							STEP# 1,2,3,4 & 5		
SYSTEM LEVEL IMPACT: NONE									
PART NO.		NOMEMCLATURE				QTY	NSN		COST
1									
2									
3									
4									
5									
6									
FIRST CONTACT MC EUEN		RATE HTI	SECOND CONTACT FARRY			RATE DCC		PHONE	
ASSESSOR / ACT / TECH ID# F. LaROCK/A. WRIGHT QED SYSTEMS INC.					TD	TL		LOGISTICIAN	TSP

USS HUE CITY (CG 66)
CHT ROOM
(5-138-0-E)



F. LaROCK / A. WRIGHT
QED SYSTEMS INC
10/30/01

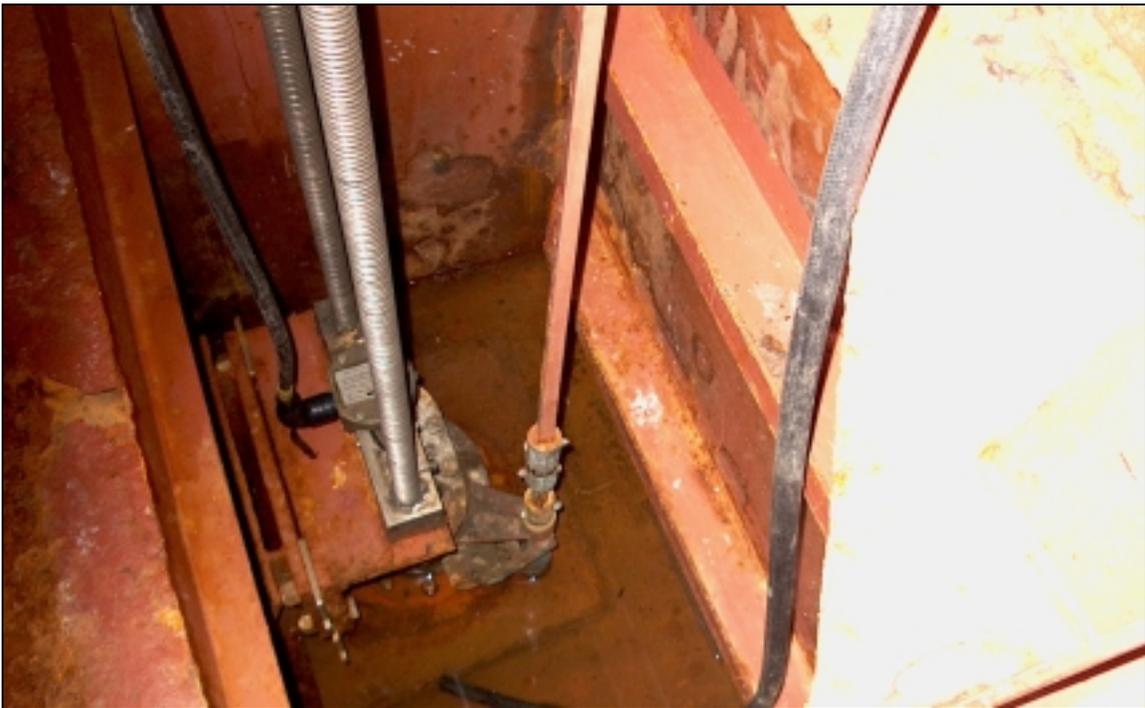
MATERIAL ASSESSMENT FORM

ITEM NUMBER		SHIP USS HUE CITY (CG 66)					
SYSTEM SHELL & SUPPORTING STRUCTURE 110		ESWBS 11011	EIC A100	APL X-SYSTEMS		RIN N/L	
EQUIPMENT NAME HULL STRUCTURE 1102XY		IDENT/SERIAL N/A		LOCATION 5-138-0-E	WORK CENTER ERO1	JSN A052	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY		EOC	
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. 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 5. L - LIMITED		.9	
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. PIROR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 4. NOT APPLICABLE		1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 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 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 10. OTHER OR NOT APPLICABLE	
MAN HRS EXPENDED 2	MAN HRS REMAINING 20	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 5. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 6. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE		
DISCREPANCY DESCRIPTION: PER SEMAT II UNDERWATER HULL ASSESSMENT: COMPT 5-138-0-E COATING SYSTEM BREAKDOWN IN PIT SWORD PIT.							
RECOMMENDED REPAIRS: MECHANICALLY CLEAN AND PRESERVE, PAINT TO MATCH SURROUNDING AREA							
SSPORT C221 POC: F. PRAISSMAN (757) 396-4001 EXT 2186, TPOC: C. WILSON							
CSMP SUMMARY: COATING SYSTEM BREAKDOWN.					TEST# MRC 1102/1		
ROOT CAUSE/AMPLIFICATION: H1					STEP# 1,2,3,4 & 5		
SYSTEM LEVEL IMPACT:							
PART NO.	NOMEMCLATURE			QTY	NSN	COST	
1							
2							
3							
4							
5							
6							
FIRST CONTACT MC EUEN	RATE HTI	SECOND CONTACT FARRY		RATE DCC	PHONE		
ASSESSOR / ACT / TECH ID# F. LaROCK/A. WRIGHT OED SYSTEMS INC.			TD	TL	LOGISTICIAN	TSP	

USS HUE CITY (CG-66)
CHT ROOM
(5-138-0-E)



THERE APPEARS TO BE AN INCOMPLETE WELD WHERE THE 3RD STIFFENER FROM MARGIN PLATE MEETS BHD 138. THE HOLE IS ONE INCH IN DIA. AND ¼ INCH DEEP. RECOMMEND CLEAN THE WELD SURFACES AND COMPLETE THE WELD. FUEL TANKS MUST BE EMPTY 6-94-2-F AND 6-138-2-F.



COATING SYSTEM BREAKDOWN IN PIT SWORD PIT. RECOMMEND MECHANICALLY CLEAN AND PRESERVE, PAINT TO MATCH SURROUNDING AREA.

MATERIAL ASSESSMENT FORM

ITEM NUMBER		SHIP USS HUE CITY (CG 66)					
SYSTEM SHELL & SUPPORTING STRUCTURE 110		ESWBS 50812	EIC A100	APL X-SYSTEMS		RIN N/L	
EQUIPMENT NAME HULL STRUCTURE 1102XY		IDENT/SERIAL N/A	LOCATION 5-34-0-Q	WORK CENTER ERO1		JSN A054	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY		EOC	
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. 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 5. L - LIMITED		.9	
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. PIROR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 4. NOT APPLICABLE	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 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 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 10. OTHER OR NOT APPLICABLE		
MAN HRS EXPENDED 2	MAN HRS REMAINING 60	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 5. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 6. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE		
DISCREPANCY DESCRIPTION: PER SEMAT II UNDERWATER HULL ASSESSMENT: IN COMPT 5-34-0-Q THE COATING SYSTEM HAS BROKEN DOWN. SPACE IS ABOUT 60% INACCESSIBLE.							
RECOMMENDED REPAIRS: DURING ROH OPEN THE DECK, REMOVE INTERFERENCES, MECHANICALLY CLEAN AND RECOAT.							
SSPORT C221 POC: F. PRAISSMAN (757) 396-4001 EXT 2186, TPOC: C. WILSON							
CSMP SUMMARY: COATING SYSTEM BREAKDOWN				TEST#	MRC 1102/1		
ROOT CAUSE/AMPLIFICATION: H1				STEP#	1,2,3,4 & 5		
SYSTEM LEVEL IMPACT: NONE							
PART NO.	NOMEMCLATURE			QTY	NSN	COST	
1							
2							
3							
4							
5							
6							
FIRST CONTACT MC EUEN	RATE HTI	SECOND CONTACT FARRY		RATE DCC	PHONE		
ASSESSOR / ACT / TECH ID# F. LaROCK/A. WRIGHT QED SYSTEMS INC.			TD	TL	LOGISTICIAN	TSP	

USS HUE CITY (CG-66)
INDUCTOR ROOM (5-34-0-Q)

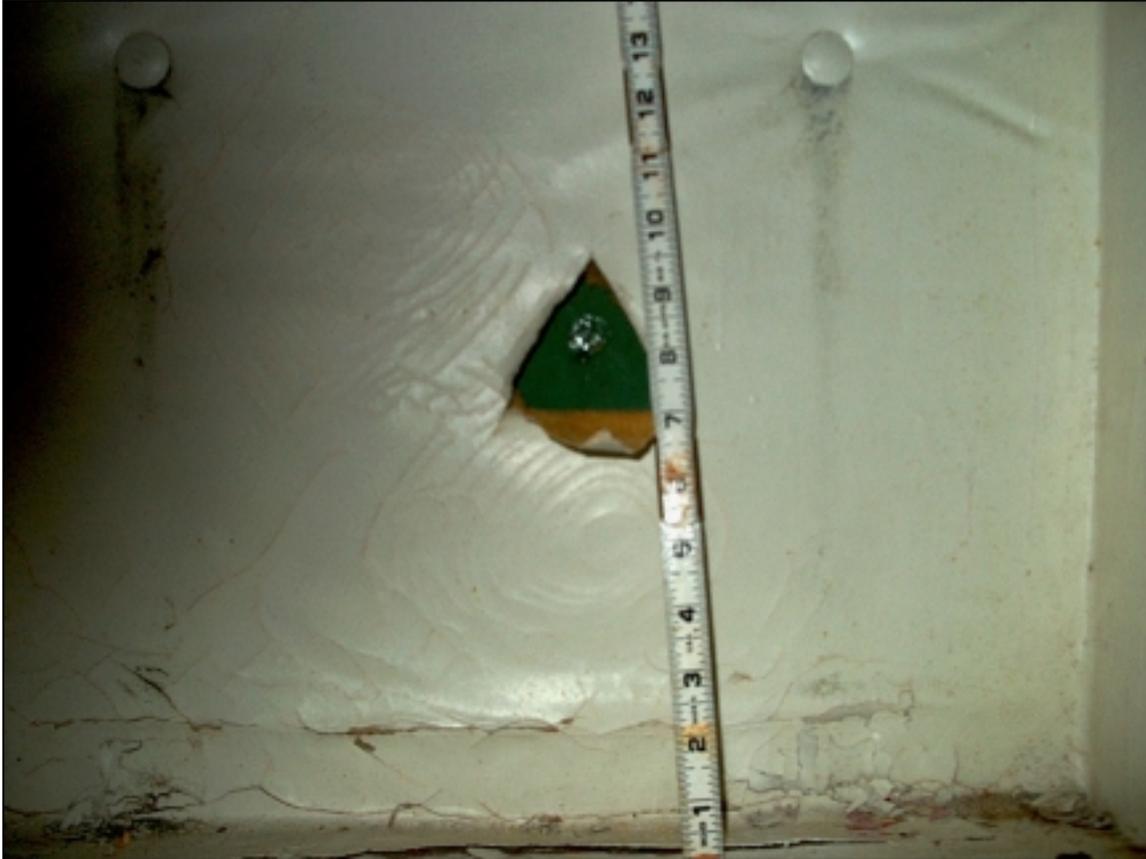


**THE COATING SYSTEM HAS BROKEN DOWN. SPACE IS ABOUT 60%
INNACCESSABLE. DURING ROH OPEN THE DECK, REMOVE INTERFERENCES,
MACHANICALLY CLEAN AND RECOAT.**

MATERIAL ASSESSMENT FORM

ITEM NUMBER		SHIP USS HUE CITY (CG 66)					
SYSTEM SHELL & SUPPORTING STRUCTURE 110		ESWBS 50812	EIC A100	APL X-SYSTEMS		RIN N/L	
EQUIPMENT NAME HULL STRUCTURE 1102XY		IDENT/SERIAL N/A		LOCATION 4-78-1-A	WORK CENTER ERO1	JSN A041	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY		EOC .9	
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. 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 5. 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. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PIROR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 4. NOT APPLICABLE	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 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 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 10. OTHER OR NOT APPLICABLE		
MAN HRS EXPENDED 2	MAN HRS REMAINING 64	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 5. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 6. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE		
DISCREPANCY DESCRIPTION: PER SEMAT II UNDERWATER HULL ASSESSMENT: IN COMP 4-78-1-A FIBER GLASS INSULATION WET, MOISTURE METER READING 79% - 99%.							
RECOMMENDED REPAIRS: REMOVE LOWER 49" X 16' OF ONE INCH FIBER GLASS, REPLACE AND PAINT WHITE APPROX. 64 SQ. FT. INTERFERENCE INCLUDES ONE LOCKER AND ONE STORAGE RACK.							
SSPORT C221 POC: F. PRAISSMAN (757) 396-4001 EXT 2186, TPOC: C. WILSON							
CSMP SUMMARY: BULKHEAD INSULATION WET					TEST# MRC 1102/1		
ROOT CAUSE/AMPLIFICATION: H1					STEP# 1,2,3,4 & 5		
SYSTEM LEVEL IMPACT: NONE							
PART NO.	NOMEMCLATURE			QTY	NSN	COST	
1							
2							
3							
4							
5							
6							
FIRST CONTACT MC EUEN	RATE HTI	SECOND CONTACT FARRY		RATE DCC	PHONE		
ASSESSOR / ACT / TECH ID# F. LaROCK/A. WRIGHT QED SYSTEMS INC.			TD	TL	LOGISTICIAN	TSP	

USS HUE CITY (CG-66)
BOSN'S STOREROOM (4-78-1-A)
STARBOARD OUTBOARD

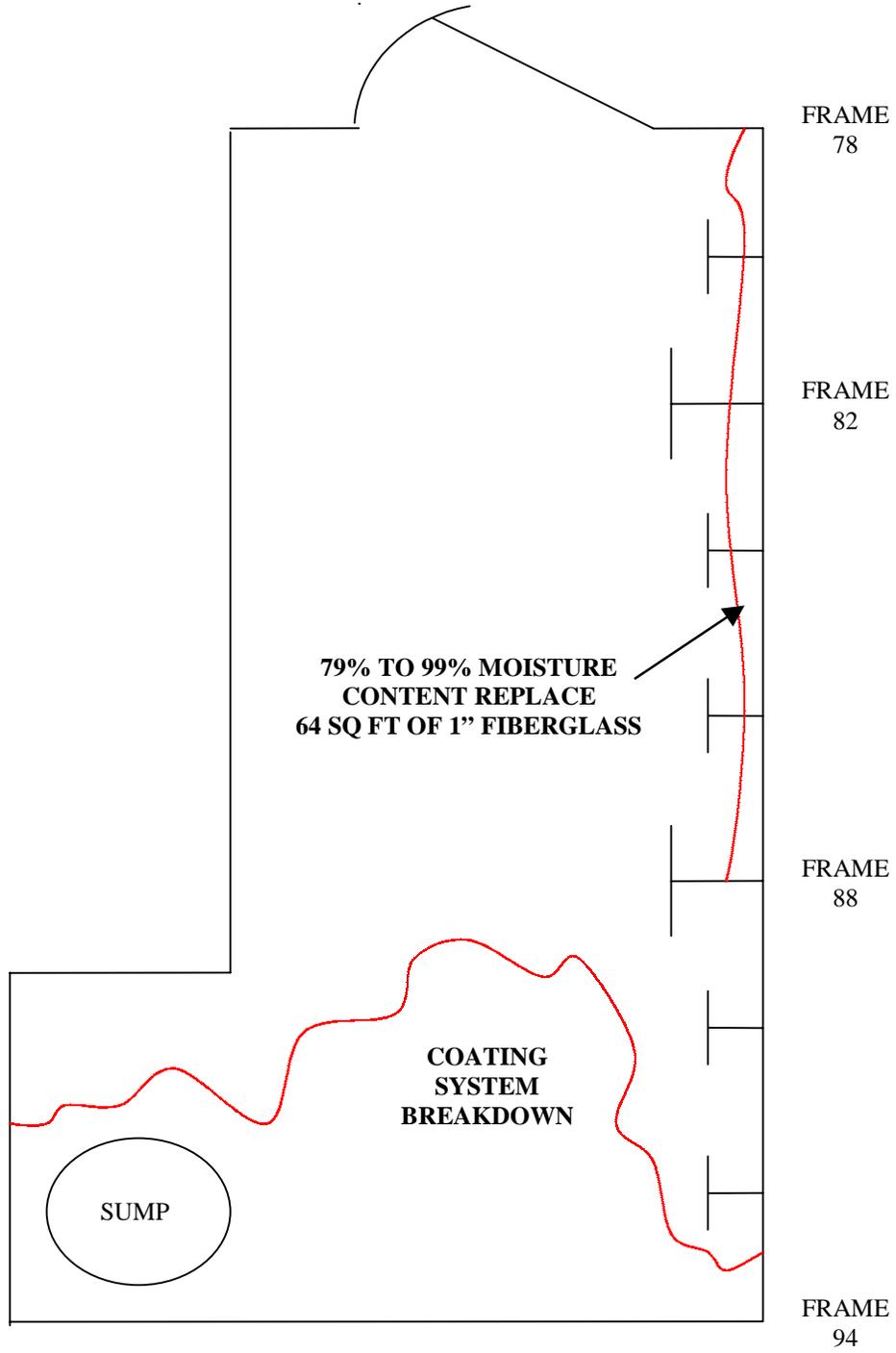


STBD SHELL PLATE THROUGH INSULATION MOISTURE CONTENT IS (79% TO 99%)
RECOMMENDED REPLACE 64 SQ FT OF 1" FIBERGLASS

MATERIAL ASSESSMENT FORM

ITEM NUMBER		SHIP USS HUE CITY (CG 66)					
SYSTEM SHELL & SUPPORTING STRUCTURE 110		ESWBS 63111	EIC A100	APL X-SYSTEMS		RIN N/L	
EQUIPMENT NAME HULL STRUCTURE 1102XY		IDENT/SERIAL N/A	LOCATION 4-78-1-A	WORK CENTER ERO1		JSN A042	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY		EOC	
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. 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 5. L - LIMITED		.9	
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. PIROR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 4. NOT APPLICABLE	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 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 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 10. OTHER OR NOT APPLICABLE		
MAN HRS EXPENDED 2	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 5. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 6. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE		
DISCREPANCY DESCRIPTION: PER SEMAT II UNDERWATER HULL ASSESSMENT: COMPT 4-78-1-A COATING SYSTEM BREAK DOWN ON DECK.							
RECOMMENDED REPAIRS: POWER TOOL CLEAN APPROX 80 SQ. FT. OF DECK, PAINT DARK DECK GRAY.							
SSPORT C221 POC: F. PRAISSMAN (757) 396-4001 EXT 2186, TPOC: C. WILSON							
CSMP SUMMARY: COATING SYSTEM BREAKDOWN.					TEST#	MRC 1102/1	
ROOT CAUSE/AMPLIFICATION: H1					STEP#	1,2,3,4 & 5	
SYSTEM LEVEL IMPACT: NONE							
PART NO.	NOMEMCLATURE			QTY	NSN	COST	
1							
2							
3							
4							
5							
6							
FIRST CONTACT MC EUEN	RATE HTI	SECOND CONTACT FARRY		RATE DCC	PHONE		
ASSESSOR / ACT / TECH ID# F. LaROCK/A. WRIGHT OED SYSTEMS INC.			TD	TL	LOGISTICIAN	TSP	

USS HUE CITY (CG-66)
BOSN STOREROOM (4-78-1-A)
STARBOARD SIDE



F. LaROCK / A. WRIGHT
QED SYSTEMS INC .
10/29/01

MATERIAL ASSESSMENT FORM

ITEM NUMBER			SHIP USS HUE CITY (CG 66)					
SYSTEM SHELL & SUPPORTING STRUCTURE 110		ESWBS 11011	EIC A100	APL X-SYSTEMS			RIN N/L	
EQUIPMENT NAME HULL STRUCTURE 1102XY		IDENT/SERIAL N/A		LOCATION 4-78-1-A	WORK CENTER ERO1		JSN A040	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY			EOC	
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. 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 5. L - LIMITED			.9	
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. PIROR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 4. NOT APPLICABLE		1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 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 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 10. OTHER OR NOT APPLICABLE		
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 5. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 6. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE	
DISCREPANCY DESCRIPTION: PER SEMAT II UNDERWATER HULL ASSESSMENT: IN COMP 4-78-1-A THERE IS A PIECE OF EQUIPMENT AND TRASH IN DRAIN WELL.								
RECOMMENDED REPAIRS: REMOVE PIECE OF EQUIPMENT, POWER TOOL CLEAN AND RECOAT DRAIN WELL 2' X 6' X 2 1/2'. FINISH COAT WHITE INTERFERENCE STORAGE RACK.								
SSPORT C221 POC: F. PRAISSMAN (757) 396-4001 EXT 2186, TPOC: C. WILSON								
CSMP SUMMARY: DRAIN SUMP REQUIRES CLEANING AND PRESAVATION.						TEST# MRC 1102/1		
ROOT CAUSE/AMPLIFICATION: H1						STEP# 1,2,3,4 & 5		
SYSTEM LEVEL IMPACT:								
PART NO.		NOMEMCLATURE			QTY	NSN		COST
1								
2								
3								
4								
5								
6								
FIRST CONTACT MC EUEN		RATE HTI	SECOND CONTACT FARRY			RATE DCC	PHONE	
ASSESSOR / ACT / TECH ID# F. LaROCK/A. WRIGHT OED SYSTEMS INC.				TD	TL	LOGISTICIAN		TSP

USS HUE CITY (CG-66)
BOSN'S STOREROOM (4-78-1-A)
STARBOARD OUTBOARD



COATING SYSTEM BREAKDOWN ON DECK. RECOMMEND POWER TOOL CLEAN APPROX 80 SQ FT OF DECK, PAINT DECK DARK GRAY



THERE IS A PIECE OF EQUIPMENT AND TRASK IN DRAIN WELL. RECOMMEND THE REMOVAL OF EQUIPMENT AND TRASH, POWER TOOL CLEAN AND RECOAT DRAIN WELL 2' X 6' X 2 1/2'. FINISH COAT WHITE. INTERFERENCE STORAGE RACK.

MATERIAL ASSESSMENT FORM

ITEM NUMBER				SHIP USS HUE CITY (CG 66)			
SYSTEM SHELL & SUPPORTING STRUCTURE 110		ESWBS 11011	EIC A100	APL X-SYSTEMS		RIN N/L	
EQUIPMENT NAME HULL STRUCTURE 1102XY		IDENT/SERIAL N/A	LOCATION 3-426-1-E	WORK CENTER ERO1		JSN	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY		EOC	
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. 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 5. L - LIMITED		.9	
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. PIROR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 4. NOT APPLICABLE	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 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 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 10. OTHER OR NOT APPLICABLE		
MAN HRS EXPENDED 2	MAN HRS REMAINING 64	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 5. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 6. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE		
DISCREPANCY DESCRIPTION: PER SEMAT II UNDERWATER HULL ASSESSMENT: IN COMP 3-426-1-E COATING SYSTEM							
BREAK DOWN AT PORT AND STBD STERN TUBE STUFFING BOXES.							
RECOMMENDED REPAIRS: POWER TOOL CLEAN AREA SURROUNDING THE STUFFING BOXES, PAINT TO MATCH							
SSPORT C221 POC: F. PRAISSMAN (757) 396-4001 EXT 2186, TPOC: C. WILSON							
CSMP SUMMARY: COATING SYSTEM BREAK DOWN						TEST# MRC 1102/1	
ROOT CAUSE/AMPLIFICATION: H1						STEP# 1,2,3,4 & 5	
SYSTEM LEVEL IMPACT: NONE							
PART NO.	NOMEMCLATURE			QTY	NSN		COST
1							
2							
3							
4							
5							
6							
FIRST CONTACT MC EUEN	RATE HTI	SECOND CONTACT FARRY		RATE DCC	PHONE		
ASSESSOR / ACT / TECH ID# F. LaROCK/A. WRIGHT QED SYSTEMS INC.				TD	TL	LOGISTICIAN	TSP

USS HUE CITY (CG-66)
PORT AND STBD STUFFING BOXES
(3-426-1-E)

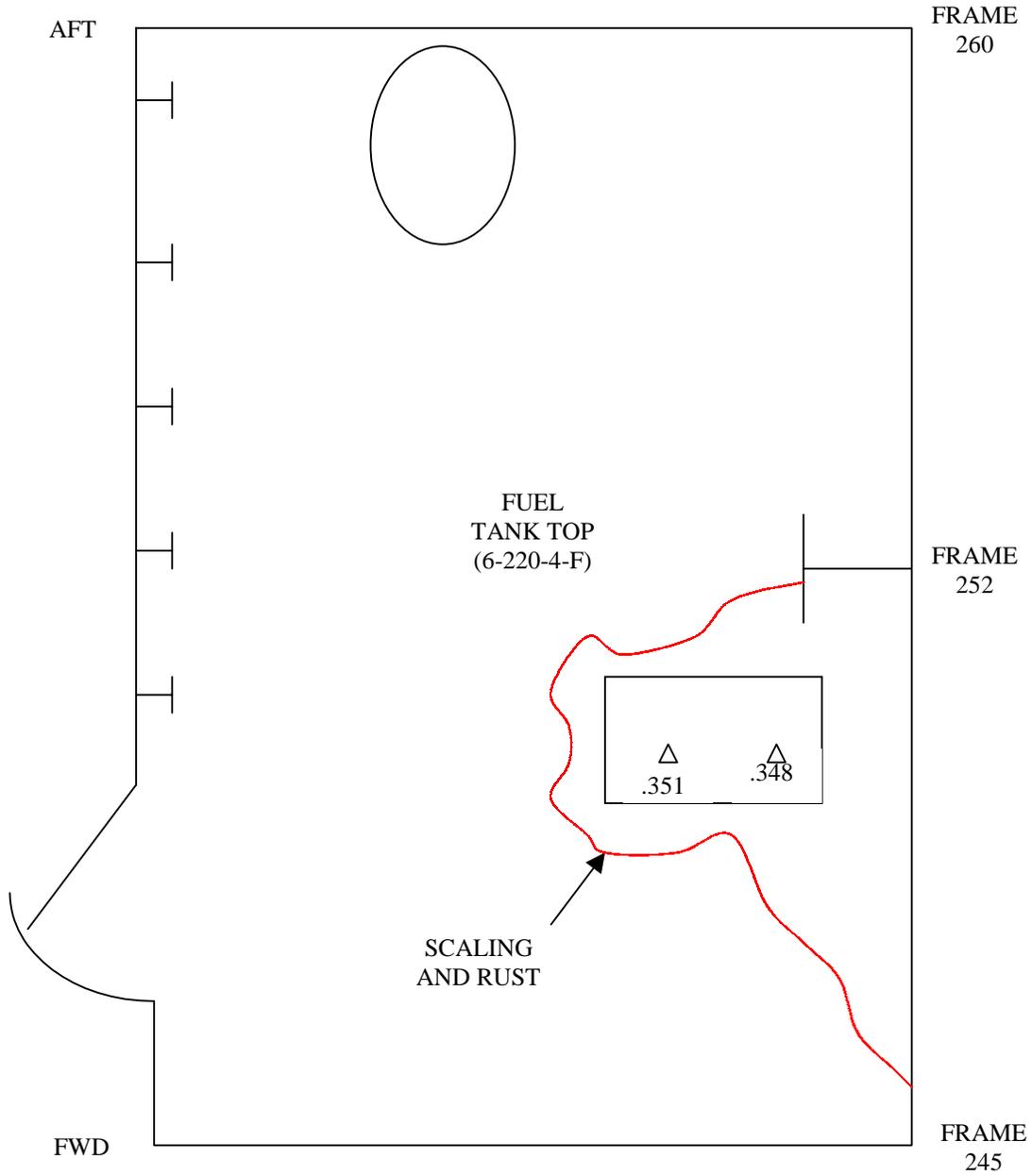


**COATING SYSTEM BREAK DOWN AT STERN TUBE AREA.
RECOMMEND POWER TOOL CLEAN AREA AND PAINT TO MATCH.**

MATERIAL ASSESSMENT FORM

ITEM NUMBER		SHIP USS HUE CITY (CG 66)					
SYSTEM SHELL & SUPPORTING STRUCTURE 110		ESWBS 11011	EIC A100	APL X-SYSTEMS		RIN N/L	
EQUIPMENT NAME HULL STRUCTURE 1102XY		IDENT/SERIAL N/A		LOCATION 3-245-2-Q	WORK CENTER ERO1	JSN A044	
EQUIPMENT STATUS		PROBLEM STATUS		CATEGORY		EOC	
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. 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 5. L - LIMITED		.9	
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. PIROR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 4. NOT APPLICABLE	1. ABNORMAL ENVIRONMENT 2. MANUFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 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 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 10. OTHER OR NOT APPLICABLE		
MAN HRS EXPENDED 2	MAN HRS REMAINING 64	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 5. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 6. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE		
DISCREPANCY DESCRIPTION: PER SEMAT II UNDERWATER HULL ASSESSMENT: COMP 3-245-2-Q UPS POWER BATTERY ROOM							
DECK COATING SYSTEM FAILURE. U/T READINGS .348 AND .375 MIN .280							
RECOMMENDED REPAIRS:							
POWER TOOL CLEAN APPROX. 4 SQ. FT. OF DECK IN WAY OF OLD FOUNDATION PRESERVE AND PAINT TO MATCH.							
SSPORT C221 POC: F. PRAISSMAN (757) 396-4001 EXT 2186, TPOC: C. WILSON							
CSMP SUMMARY: AREA OF LIGHT CORROSION.					TEST# MRC 1102/1		
ROOT CAUSE/AMPLIFICATION: H1					STEP# 1,2,3,4 & 5		
SYSTEM LEVEL IMPACT: NONE							
PART NO.	NOMEMCLATURE			QTY	NSN	COST	
1							
2							
3							
4							
5							
6							
FIRST CONTACT MC EUEN	RATE HTI	SECOND CONTACT FARRY		RATE DCC	PHONE		
ASSESSOR / ACT / TECH ID# F. LaROCK/A. WRIGHT QED SYSTEMS INC.				TD	TL	LOGISTICIAN	
						TSP	

USS HUE CITY (CG 66)
UPS POWER BATTERY ROOM
(3-245-2-Q)



F. LaROCK / A. WRIGHT
QED SYSTEMS INC.
10/28/01

USS HUE CITY (CG-66)
UPS POWER BATTERY ROOM (3-245-2-Q)



**DECK COATING FAILURE. U/ T READINGS 0.348 AND .375 MIN 0.280 RECOMMEND
POWER TOOL CLEAN APPROX. 4 SQ FT OF DECK IN WAY OF OLD FOUNDATION
PRESERVE AND PAINT TO MATCH.**

CG 47 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT II	HISTORICAL HOT SPOT	COMMENTS
2½ -10-0-A	N	N	N	N	SPACE NOT ASSESSABLE GAS FREE REQUIRED
2½ -20-0-A	N	N	N	N	SPACE NOT ASSESSABLE GAS FREE REQUIRED
3-28-0-Q	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-58-1-M	N	Y	Y	N	SPACE NOT ASSESSABLE
3-58-2-M	N	Y	Y	N	SPACE NOT ASSESSABLE
3-62-0-M	N	Y	Y	N	SPACE NOT ASSESSABLE
3-81-1-M	N	Y	Y	N	SPACE NOT ASSESSABLE
3-81-2-M	N	Y	Y	N	SPACE NOT ASSESSABLE
3-94-0-M	N	N	N	N	SPACE NOT ASSESSABLE
3-127-0-Q	Y	Y	Y	N	SPACE 100% ASSESSABLE

CG 47 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT II	HISTORICAL HOT SPOTS	COMMENTS
3-127-2-T	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-138-3-L	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-138-6-L	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-146-0-L	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-245-2-Q	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-260-0-A	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-260-2-Q	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-346-0-L	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-382-1-A	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-382-2-Q	Y	Y	Y	N	SPACE 100% ASSESSABLE

CG 47 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT II	HISTORICAL HOT SPOTS	COMMENTS
3-393-4-Q	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-426-1-E	Y	Y	Y	STBD SHELL AND BILGE AREA	SPACE 100% ASSESSABLE
3-426-2-A	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-440-2-A	Y	Y	Y	N	SPACE 100% ASSESSABLE

CG 47 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT II	HISTORICAL HOT SPOTS	COMMENTS
4-28-0-T	Y	Y	Y	N	SPACE 100% ASSESSABLE
4-34-0-Q	Y	Y	Y	N	SPACE 100% ASSESSABLE
4-58-0-Q	Y	Y	Y	Y	SPACE 100% ASSESSABLE
4-78-1-A	Y	Y	Y	Y	SPACE 100% ASSESSABLE
4-78-2-A	Y	Y	Y	Y	SPACE 100% ASSESSABLE

CG 47 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT II	HISTORICAL HOT SPOTS	COMMENTS
5-E-0-V	N	N	N	N	SPACE ASSESSED DURING T/V INSP. GAS FREE REQUIRED
5-34-0-Q	Y	Y	Y	ENTIRE BILGE AREA	SPACE 100% ASSESSABLE
5-128-0-V	N	N	Y	N	SPACE ASSESSED DURING T/V INSP. GAS FREE REQUIRED
5-138-0-E	Y	Y	N	FOUNDATIONS IN BILGE AREA, PITSWORD FR (144) PORT SIDE	SPACE 100% ASSESSABLE
5-162-1-F	N	N	N	N	SPACE ASSESSED DURING T/V INSP. GAS FREE REQUIRED
5-162-2-F	N	N	N	N	SPACE ASSESSED DURING T/V INSP. GAS FREE REQUIRED
5-174-0-E	Y	Y	Y	TANK TOP IN WAY OF ACOUSTIC TILES. LL STBD SIDE STIFFNERS FROM TANK TOP UP TO BOTTOM SIDE OF U/L GRATING. EQUIPMENT FOUNDATIONS IN BILGE AREA. JOINT BETWEEN TANK TOP AND SHELL. LOWER PORTION OF ESCAPE TRUNK BHDS	SPACE 100% ASSESSABLE
5-174-1-T	Y	Y	Y	N	SPACE 100% ASSESSABLE

CG 47 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT II	HISTORICAL HOT SPOTS	COMMENTS
5-220-0-E	Y	Y	Y	L/L TANK TOP. U/L UNDER A/C UNITS. EQUIPMENT FOUNDATIONS IN BILGE AREA. LOWER PORTION OF ESCAPE TRUNK BHDS	SPACE 100% ASSESSABLE
5-220-0-E	Y	Y	Y	L/L TANK TOP. U/L UNDER A/C UNITS. EQUIPMENT FOUNDATIONS IN BILGE AREA. LOWER PORTION OF ESCAPE TRUNK BHDS	SPACE 100% ASSESSABLE
5-300-0-E	Y	Y	Y	L/L PORT SIDE STIFFNERS FROM THE TANK TOP UP TO THE BOTTOM SIDE OF THE U/L GRATING. TANK TOP IN WAY OF ACOUSTIC TILES. EQUIPMENT FOUNDATIONS IN BILGE AREA. JOINT BETWEEN TANK TOP AND SHELL. LOWER PORTION OF ESCAPE TRUNK BHDS	SPACE 100% ASSESSABLE
5-204-2-E	N	N	N	N	GAS FREE REQUIRED

CG 47 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT II	HISTORICAL HOT SPOTS	COMMENTS
5 1/2-300-1-F	N	N	N	N	GAS FREE REQUIRED
5 1/2--306-1-F	N	N	N	N	GAS FREE REQUIRED

CG 47 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT II	HISTORICAL HOT SPOTS	COMMENTS
6½ -2-0-Q	N	N	N	N	UNASSESSABLE
6-8-0-T	N	N	N	N	UNASSESSABLE
6½-11-0-V	N	N	N	N	GAS FREE REQUIRED
6-28-0-T	Y	Y	Y	N	AREA 100% ASSESSABLE
61/2-33-0-V	N	N	N	N	GAS FREE REQUIRED
6-34-0-V	N	N	N	N	GAS FREE REQUIRED
6-58-1-F	N	N	N	N	GAS FREE REQUIRED
6-58-2-F	N	N	N	N	GAS FREE REQUIRED
6-94-1-F	N	N	N	N	GAS FREE REQUIRED
6-94-2-F	N	N	N	N	GAS FREE REQUIRED

CG 47 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT II	HISTORICAL HOT SPOTS	COMMENTS
6-138-1-F	N	N	N	N	GAS FREE REQUIRED
6-138-2-F	N	N	N	N	GAS FREE REQUIRED
6-174-1-F	N	N	N	N	GAS FREE REQUIRED
6-174-2-F	N	N	N	N	GAS FREE REQUIRED
6-202-1-V	N	N	N	N	GAS FREE REQUIRED
6-214-1-W	N	N	N	N	GAS FREE REQUIRED
6-216-2-F	N	N	N	N	GAS FREE REQUIRED
6-218-1-W	N	N	N	N	GAS FREE REQUIRED
6-220-1-F	N	N	N	N	GAS FREE REQUIRED
6-220-2-F	N	N	N	N	GAS FREE REQUIRED

CG 47 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT II	HISTORICAL HOT SPOTS	COMMENTS
6-220-3-F	N	N	N	N	GAS FREE REQUIRED
6-220-4-F	N	N	N	N	GAS FREE REQUIRED
6-260-1-F	N	N	N	N	GAS FREE REQUIRED
6-260-2-F	N	N	N	N	GAS FREE REQUIRED
6-272-1-F	N	N	N	N	GAS FREE REQUIRED
6-272-2-F	N	N	N	N	GAS FREE REQUIRED
6-298-2-W OW TANK	N	N	N	N	GAS FREE REQUIRED
6-300-2-F	N	N	N	N	GAS FREE REQUIRED
6-300-3-V	N	N	N	N	GAS FREE REQUIRED
6-342-2-W	N	N	N	N	GAS FREE REQUIRED

CG 47 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT II	HISTORICAL HOT SPOTS	COMMENTS
6-344-2-W	N	N	N	N	GAS FREE REQUIRED
6-346-0-Q	Y	N	Y	PAINT FAILURE, CORROSION OUTBOARD OF SHAFTS	
6-346-1-F	N	N	N	N	GAS FREE REQUIRED
6-346-2-F	N	N	N	N	GAS FREE REQUIRED
6-346-3-F	N	N	N	N	GAS FREE REQUIRED
6-346-4-F	N	N	N	N	GAS FREE REQUIRED
6-366-1-W	N	N	N	N	GAS FREE REQUIRED
6-366-2-W	N	N	N	N	GAS FREE REQUIRED
6-382-1-F	N	N	N	N	GAS FREE REQUIRED
6-382-2-F	N	N	N	N	GAS FREE REQUIRED

CG 47 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT II	HISTORICAL HOT SPOTS	COMMENTS
6-382-3-F	N	N	N	N	GAS FREE REQUIRED
6-382-4-F	N	N	N	N	GAS FREE REQUIRED
6-394-1-J	N	N	N	N	GAS FREE REQUIRED
6-394-2-J	N	N	N	N	GAS FREE REQUIRED
6-414-1-J	N	N	N	N	GAS FREE REQUIRED
6-414-2-J	N	N	N	N	GAS FREE REQUIRED
6-418-2-J	N	N	N	N	GAS FREE REQUIRED
6-426-1-F	N	N	N	N	GAS FREE REQUIRED
6-426-2-F	N	N	N	N	GAS FREE REQUIRED
6-464-1-F	N	N	N	N	GAS FREE REQUIRED

CG 47 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT II	HISTORICAL HOT SPOTS	COMMENTS
6-464-2-F	N	N	N	N	GAS FREE REQUIRED
6-464-3-Q	Y	Y	Y	N	SPACE 100% ASSESSABLE
6-464-4-K	Y	Y	Y	N	SPACE 100% ASSESSABLE
6-470-1-F	N	N	N	N	GAS FREE REQUIRED
6-470-2-F	N	N	N	N	GAS FREE REQUIRED
6-476-1-A	N	Y	Y	N	SPACE 100% ASSESSABLE
6-476-2-L	Y	N	Y	N	SPACE 100% ASSESSABLE
6-485-2-A	Y	Y	Y	N	AREA 100% ASSESSABLE
6-488-1-V	N	N	N	N	GAS FREE REQUIRED
6-488-2-V	N	N	N	N	GAS FREE REQUIRED

CG 47 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT II	HISTORICAL HOT SPOTS	COMMENTS
6-488-3-A	Y	Y	Y	N	AREA 100% ASSESSABLE
6-506-0-E	Y	Y	Y	N	AREA 100% ASSESSABLE