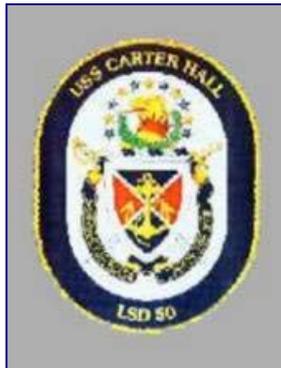


USS CARTER HALL (LSD-50)

HULL AND SUPPORTING STRUCTURE SURVEY FEBRUARY 10 TO 21 2003



**SUPERVISOR OF SHIPBUILDING
CONVERSION AND REPAIR
PORTSMOUTH, VIRGINIA**





4646 WITCHDUCK ROAD
VIRGINIA BEACH, VIRGINIA. 23455-6215
PHONE: 757-490-5000
FAX: 757-490-5027

February 21 2003
Serial; 1697 BL 080

Q.E.D. Systems, Inc. was tasked by the Supervisor of Shipbuilding Conversion and Repair, USN (SPORT) Portsmouth, VA. to conduct a Hull and Supporting Structure Survey of specific locations on board USS CARTER HALL (LSD-50) during the period of February 10 to 21, 2003.

The survey was conducted by:

Francis J. (FRANK) LaRock Certified Level II, 09 March 2001
Francis J. (JOE) LaRock 2nd Certified Level II, 21 December 2001
Candace Short Certified Level I, 18 January 2002

The instrument used was a Krautkramer, Model DMS2TC.

Serial Number:	00FYKJ
Calibration Date:	09/26/02
Probes Used:	KBA 560 KBA 560-TC KBA 525 FH2E-D

I have reviewed the results of the survey and approved of the findings. The discrepancies have been recorded on MAF's and are included in this report.

A handwritten signature in black ink that reads 'Frank'.

Francis J. LaRock
Certified Level II

USS CARTER HALL (LSD-50)

STRUCTURAL ASSESSMENT SURVEY INTERIOR AREAS

TABLE OF CONTENTS

❖ <u>GENERAL SUMMARY OF CONDITIONS FOUND</u>	<u>4</u>
❖ <u>SURVEY RESULTS</u>	<u>5</u>
❖ <u>AC MACHINERY ROOM NO. 1 (3-29-0-E)</u>	<u>6-8</u>
❖ <u>CBR WARFARE EQUIPMENT ROOM (3-67-2-A)</u>	<u>9-12</u>
❖ <u>AC MACHINERY ROOM NO. 2 (3-74-1-E)</u>	<u>13-15</u>
❖ <u>STERN GATE OPERATING ROOM NO. 1 (3-138-1-Q)</u>	<u>16-18</u>
❖ <u>STERN GATE OPERATING ROOM NO. 2 (3-138-2-Q)</u>	<u>19-22</u>
❖ <u>SD STOREROOM NO. 2 (FLAM MAT'L) (4-14-2-K)</u>	<u>23-24</u>
❖ <u>SUPPLY VENT 1-88-1 (5-74-0-E)</u>	<u>25-26</u>
❖ <u>UNDERWATER LOG TRUNK (6-34-1-T)</u>	<u>27-28</u>
❖ <u>MATRIX</u>	<u>29-57</u>

USS CARTER HALL (LSD-50)

SUMMARY OF CONDITIONS FOUND

AN HM&ERA UNDERWATER HULL AND SUPPORTING STRUCTURE SURVEY OF INTERIOR AREAS WAS CONDUCTED ON BOARD **USS CARTER HALL (LSD-50)** FROM 2/10/03 TO 2/21/03 AT LITTLE CREEK AMPHIBIOUS BASE, NORFOLK, VIRGINIA.

THE SURVEY WAS CONDUCTED IN ACCORDANCE WITH HULL STRUCTURE MRC 1102, USING A DELMHORST BD 2100 MOISTURE METER AND KRAUTKRAMER BRANSON ULTRASONIC TEST INSTRUMENT:

MODEL: DMS2TC

SERIAL NUMBER: 00FYKJ

CALIBRATION DUE DATE: 09/26/03

THE PROBES USED WERE KRAUTKRAMER BRANSON MODELS:

KBA 560

KBA 560-TC

KBA 525

FH2E-D

THE MOST CRITICAL AREAS NOTED WERE THE CBR WARFARE EQUIPMENT ROOM (3-67-2-A) AND THE STERN GATE OPERATING ROOM NO. 2 (3-138-2-Q). IN THE CBR WARFARE EQUIPMENT ROOM, THE DECK IS BUCKLED AND MAIN FRAME 73 IS BUCKLED AND TWISTED. IN THE STERN GATE OPERATING ROOM NO. 2, THE TRANSOM IS DENTED. THESE SPACES ARE INDICATED IN RED IN THE SURVEY RESULTS SECTION.

THE FINAL SECTION CONTAINS AN LSD-41 CLASS STRUCTURAL MATRIX. THESE ARE SPACES LOCATED AT THE WATER LINE AND BELOW.

USS CARTER HALL (LSD-50)

STRUCTURAL INSPECTION RESULTS UNSATISFACTORY AREAS

LOCATION	AREA	RESULTS
(3-29-0-E) AC MCHRY RM. #1	DECK	APPROX. 25 SF OF SURFACE RUST AND PAINT SCALING
(3-67-2-A) CBR WARFARE EQUIP. RM.	DECK AND MAIN FRAME AT FR 73	BUCKLED DECK BUCKLED/TWISTED FRAME
(3-74-1-E) AC MCHRY RM. #2	DECK BELOW AC PUMPS 4 & 5 FWD BLKHD AND DECK	APPROX. 50 SF OF SURFACE RUST AND PAINT SCALING
(3-138-1-Q) STERN GATE OPER. RM #1	ENTIRE SPACE	APPROX. 400 SF OF SURFACE RUST AND PAINT SCALING
(3-138-2-Q) STERN GATE OPER. RM #2	TRANSOM – DENTS ENTIRE SPACE - CORROSION	TRANSOM - CORRODED DENTS ENTIRE SPACE HAS SURFACE RUST AND PAINT SCALING. APPROX. 400 SF.
(4-14-2-K) SD STRM #2 (FLAM MAT'L)	DECK AND SUMP AT INBD CORNER OF FRAME 21	APPROX. 12 SF OF SURFACE RUST AND PAINT SCALING
(5-74-0-E) MN MCHRY RM. #2	INSIDE OF SUPPLY VENT (1-88-1)	APPROX. 100 SF OF SURFACE RUST AND PAINT SCALING
(6-34-1-T) UNDERWATER LOG TRUNK	DECK/BULKHEADS	APPROX. 25 SF OF SURFACE RUST AND PAINT SCALING

MATERIAL ASSESSMENT FORM

ITEM NUMBER		SHIP USS CARTER HALL (LSD-50)					
SYSTEM SHELL & SUPPORTING STRUCTURE		ESWBS 11021	EIC	APL	RIN N/L		
EQUIPMENT NAME HULL STRUCTURE		IDENT/SERIAL N/A	LOCATION 3-29-0-E	WORK CENTER EA01		JSN P 120	
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 4	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY 4	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 1	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 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 1			
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 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 4		
DISCREPANCY DESCRIPTION: PER HM&ERA UNDERWATER HULL ASSESSMENT: (3-29-0-E) AC MACHINERY ROOM NO. 1. THERE IS CORROSION ON THE PORTSIDE DECK AND BULKHEAD AT FRAME 35, UNDER THE PORTABLE OIL RECOVERY TANKS AND BELOW THE PORTSIDE AFT CORNER OF AC COMPRESSOR NO. 1. APPROX. 25 SQ. FT.							
RECOMMENDED REPAIRS: POWER CLEAN CORRODED AREAS TO BARE METAL, PRIME AND PAINT. APPROX. 25 SQ. FT.							
SSPORT C221 POC: B. WILLIAMS (757-396-4001 EXT 2166) TPOC:							
CSMP SUMMARY: CORROSION IN 3-29-0-E (AC MACH. RM. NO. 1).				TEST# MRC 1102/1			
ROOT CAUSE/AMPLIFICATION: H1				STEP# 1 THRU 5			
SYSTEM LEVEL IMPACT:							
PART NO.	NOMENCLATURE			QTY	NSN	COST	
1							
2							
3							
4							
5							
6							
FIRST CONTACT REPANSITEK		RATE MPA	SECOND CONTACT NELSON		RATE CHENG	PHONE	
ASSESSOR / ACT / TECH ID# J. LAROCK / C. SHORT QED SYSTEMS INC (757) 490-5047				TD	TL	LOGISTICIAN	
						TSP	

**USS CARTER HALL (LSD-50)
AC MCHRY ROOM NO. 1, REFR MCHRY ROOM
AND FWD DEBALLAST CPRSR ROOM**



CORROSION ON PORTSIDE DECK AND BULKHEAD AT FRAME 35, UNDER PORTABLE OIL RECOVERY TANKS.



SAME LOCATION AS ABOVE JSN P120

**USS CARTER HALL (LSD-50)
AC MCHRY ROOM NO. 1, REFR MCHRY ROOM
AND FWD DEBALLAST CPRSR ROOM**



**CORROSION BELOW PORTSIDE AFT CORNER OF AC COMPRESSOR NO. 1
JSN P120**

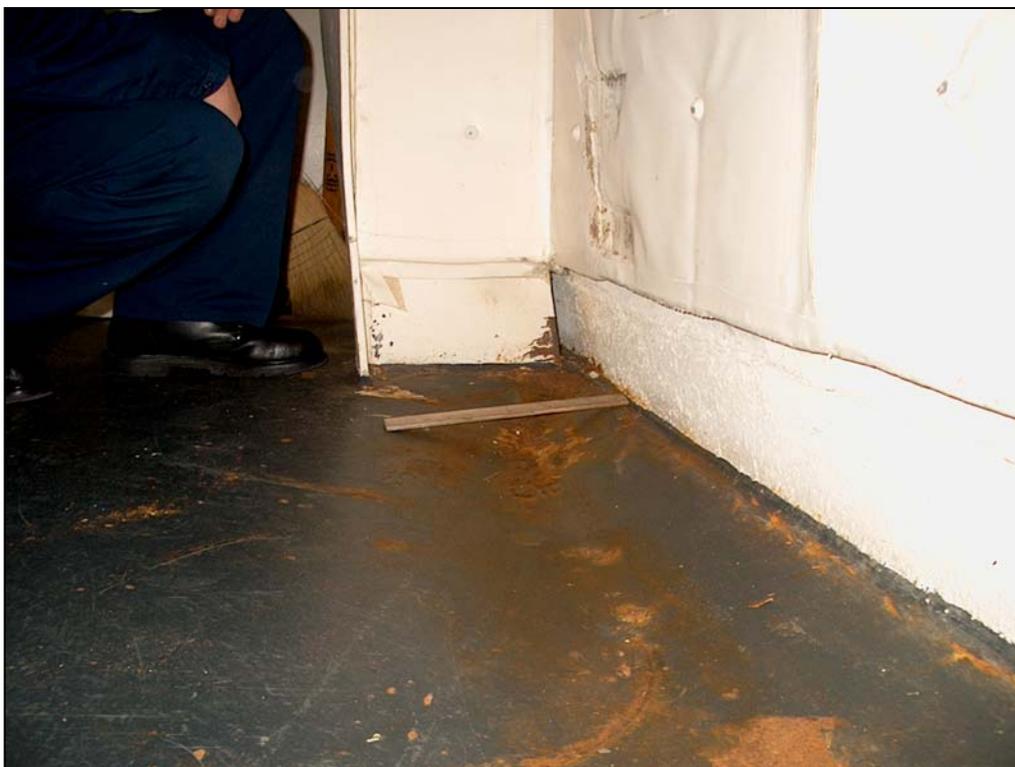
MATERIAL ASSESSMENT FORM

ITEM NUMBER		SHIP USS CARTER HALL (LSD-50)				
SYSTEM SHELL & SUPPORTING STRUCTURE		ESWBS 11021	EIC	APL	RIN N/L	
EQUIPMENT NAME HULL STRUCTURE		IDENT/SERIAL N/A	LOCATION 3-67-2-A	WORK CENTER ER02	JSN P 723	
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 2		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 3	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY 4	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 1	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 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 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 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 4	
DISCREPANCY DESCRIPTION: PER HM&ERA UNDERWATER HULL ASSESSMENT: (3-67-2-A) CBR WARFARE EQUIPMENT ROOM.						
DECK IS BUCKLED DOWNWARD APPROX. 4 FT. IN LENGTH AND 2 INCHES FROM THE SHELL. BUCKLE IS 2 ¼ INCHES DEEP. MAIN						
FRAME 73 FLANGE IS TWISTED AND WEB IS BUCKLED FROM THE DECK UPWARDS. APPROX. 4 FT.						
RECOMMENDED REPAIRS: NO REPAIRS ARE NECESSARY AT THIS TIME. ENTER INTO CSMP.						
SSPORT C221 POC: B. WILLIAMS (757-396-4001 EXT 2166) TPOC: F. LAROCK QED SYSTEMS INC. (757) 490-5047						
CSMP SUMMARY: BUCKLED DECK AND FRAME IN 3-67-2-A				TEST# MRC 1102/1		
ROOT CAUSE/AMPLIFICATION: K				STEP# 1 THRU 5		
SYSTEM LEVEL IMPACT:						
PART NO.	NOMENCLATURE			QTY	NSN	COST
1						
2						
3						
4						
5						
6						
FIRST CONTACT REPANSITEK	RATE MPA	SECOND CONTACT NELSON		RATE CHENG	PHONE	
ASSESSOR / ACT / TECH ID# F. LAROCK / C. SHORT QED SYSTEMS INC (757) 490-5047			TD	TL	LOGISTICIAN	TSP

**USS CARTER HALL (LSD-50)
CBR WARFARE EQUIPMENT ROOM (3-67-2-A)**



**2 ¼ INCH DEEP
BUCKLE IN DECK**



BUCKLED DECK JSN P723

**USS CARTER HALL (LSD-50)
CBR WARFARE EQUIPMENT ROOM (3-67-2-A)**



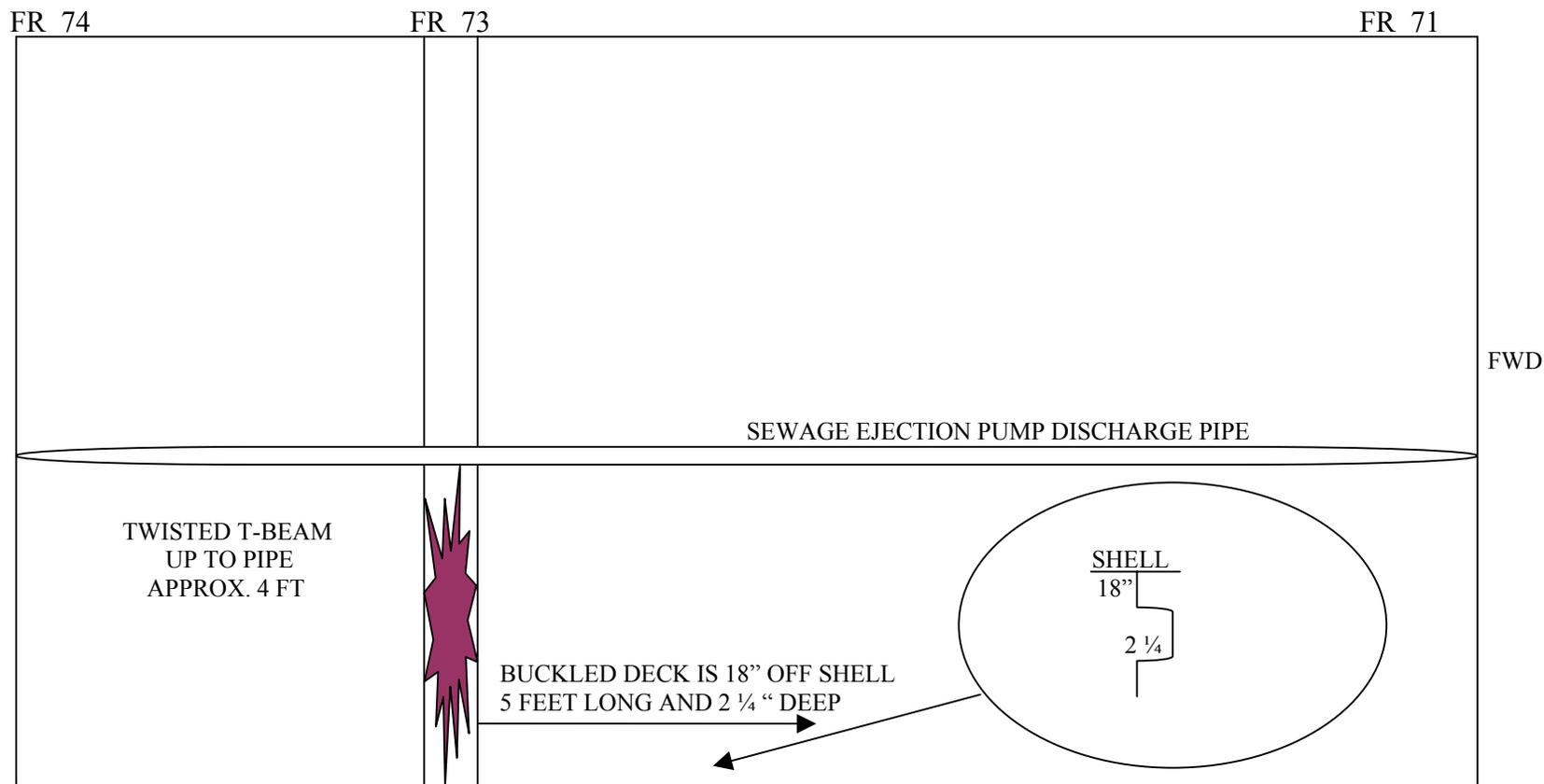
FRAME 73 TWISTED FLANGE AND BUCKLED WEB



BUCKLED AND TWISTED FRAME JSN P723

CBR WARFARE EQUIPMENT ROOM (3-67-2-A) JSN P723

PORT SHELL



F. LaROCK LVL 2 / C. SHORT LVL 1
QED SYSTEMS INC.
20 FEB. 2003

MATERIAL ASSESSMENT FORM

ITEM NUMBER		SHIP USS CARTER HALL (LSD-50)				
SYSTEM SHELL & SUPPORTING STRUCTURE		ESWBS 11021	EIC	APL	RIN N/L	
EQUIPMENT NAME HULL STRUCTURE		IDENT/SERIAL N/A	LOCATION 3-74-1-E	WORK CENTER EA01	JSN P 121	
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 4	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY 4	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 1	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 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 1		
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 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 4	
DISCREPANCY DESCRIPTION: PER HM&ERA UNDERWATER HULL ASSESSMENT: (3-74-1-E) AC MACHINERY ROOM NO. 2. THERE IS CORROSION ON THE DECK BELOW AC PUMPS 4 & 5 AND ALSO ALONG THE FWD BLKHD AND DECK. APPROX. 50 SQ. FT.						
RECOMMENDED REPAIRS: POWER CLEAN CORRODED AREAS TO BARE METAL, PRIME AND PAINT. APPROX. 50 SQ. FT.						
SSPORT C221 POC: B. WILLIAMS (757-396-4001 EXT 2166) TPOC:						
CSMP SUMMARY: CORROSION IN 3-74-1-E (AC MACH. RM. NO. 2).				TEST# MRC 1102/1		
ROOT CAUSE/AMPLIFICATION: H1				STEP# 1 THRU 5		
SYSTEM LEVEL IMPACT:						
PART NO.	NOMENCLATURE			QTY	NSN	COST
1						
2						
3						
4						
5						
6						
FIRST CONTACT REPANSITEK	RATE MPA	SECOND CONTACT NELSON		RATE CHENG	PHONE	
ASSESSOR / ACT / TECH ID# F. LAROCK / C. SHORT QED SYSTEMS INC (757) 490-5047			TD	TL	LOGISTICIAN	TSP

**USS CARTER HALL (LSD-50)
AC MACHINERY ROOM NO. 2 (3-74-1-E)**



CORROSION ON DECK BELOW AC PUMPS 4 & 5 FOUNDATION



**CORROSION ON DECK BETWEEN AC PUMPS 4 & 5 FOUNDATION AND STBD BLKHD.
JSN P121**

**USS CARTER HALL (LSD-50)
AC MACHINERY ROOM NO. 2 (3-74-1-E)**



**CORROSION ON FORWARD BULKHEAD AND DECK
APPROX. 5 FT. FROM INBOARD BULKHEAD**



**CORROSION ON FORWARD BULKHEAD AND DECK
APPROX. 5 FT. FROM INBOARD BULKHEAD JSN P121**

MATERIAL ASSESSMENT FORM

ITEM NUMBER		SHIP USS CARTER HALL (LSD-50)			
SYSTEM SHELL & SUPPORTING STRUCTURE		ESWBS 11021	EIC	APL	RIN N/L
EQUIPMENT NAME HULL STRUCTURE		IDENT/SERIAL N/A	LOCATION 3-138-1-Q	WORK CENTER EA05	JSN P 804
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 2		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 4	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY 4	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 1	1. ABNORMAL ENVIRONMENT 2. MANUFACTURE/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 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 1	
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 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 4
DISCREPANCY DESCRIPTION: PER HM&ERA UNDERWATER HULL ASSESSMENT: (3-138-1-Q) STERN GATE OPERATING ROOM NO. 1					
THERE ARE SCATTERED AREAS OF CORROSION IN ENTIRE SPACE, DUE TO THE ENVIRONMENT AND STANDING WATER. APPROX. 400 SQ. FT.					
RECOMMENDED REPAIRS: POWER CLEAN ENTIRE AREA TO BARE METAL, PRIME AND PAINT. APPROX. 400 SQ. FT.					
SSPORT C221 POC: B. WILLIAMS (757-396-4001 EXT 2166) TPOC: F. LAROCK QED SYSTEMS INC . (757) 490-5047					
CSMP SUMMARY: CORROSION IN 3-138-1-Q				TEST# MRC 1102/1	
ROOT CAUSE/AMPLIFICATION: H1				STEP# 1 THRU 5	
SYSTEM LEVEL IMPACT:					
PART NO.	NOMENCLATURE		QTY	NSN	COST
1					
2					
3					
4					
5					
6					
FIRST CONTACT REPANSITEK	RATE MPA	SECOND CONTACT NELSON	RATE CHENG	PHONE	
ASSESSOR / ACT / TECH ID# J. LAROCK / C. SHORT QED SYSTEMS INC (757) 490-5047			TD	TL	LOGISTICIAN TSP

**USS CARTER HALL (LSD-50)
STERN GATE OPERATING ROOM NO. 1 (3-138-1-Q)**



CORROSION AND STANDING WATER (LOOKING AFT)



**CORROSION ON BASIN WALL AND STRINGERS
JSN P804**

**USS CARTER HALL (LSD-50)
STERN GATE OPERATING ROOM NO. 1 (3-138-1-Q)**



CORROSION AT FRAME 140 (LOOKING OUTBOARD)



**CORROSION ON STARBOARD SHELL
JSN P804**

MATERIAL ASSESSMENT FORM

ITEM NUMBER		SHIP USS CARTER HALL (LSD-50)			
SYSTEM SHELL & SUPPORTING STRUCTURE		ESWBS 11021	EIC	APL	RIN N/L
EQUIPMENT NAME HULL STRUCTURE		IDENT/SERIAL N/A	LOCATION 3-138-2-Q	WORK CENTER EA05	JSN P 803
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
2					.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. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE	1. ABNORMAL ENVIRONMENT 2. MANUFACTURE/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 0. 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 0. OTHER OR NOT APPLICABLE	
4	4	1	7	1	
MAN HRS EXPENDED	MAN HRS REMAINING	COMPLETED ACTION TAKEN		S/F MANHOURS	PRIORITY
2					
SAFETY HAZARD:		1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY			1. MANDATORY
1. SERIOUS - CORRECT AS SOON AS POSSIBLE		2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY			2. ESSENTIAL
2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED		3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED			3. HIGHLY DESIRABLE
3. SERIOUS - WAIVER OF EQUIPMENT/SYSTEM		4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP			4. DESIRABLE
4. SAFETY ITEM - MINOR		7. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED			4
5. COMBUSTIBLE MATERIAL		0. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION			
DISCREPANCY DESCRIPTION: PER HM&ERA UNDERWATER HULL ASSESSMENT: (3-138-2-Q) STERN GATE OPERATING ROOM NO. 2					
THERE ARE LARGE PAINT BLISTERS ON THE TRANSOM, CAUSED BY DENTS. SCATTERED AREAS OF CORROSION WERE FOUND, DUE TO THE ENVIRONMENT AND STANDING WATER. APPROX. 400 SQ.FT. UT READINGS WERE TAKEN. ONE READING WAS FOUND TO BE BELOW THE MINIMUM ACCEPTABLE LIMIT. REFER TO DRAWING FOR DETAILS.					
RECOMMENDED REPAIRS: POWER CLEAN ENTIRE AREA TO BARE METAL, PRIME AND PAINT. APPROX. 400 SQ.FT. MONITOR AREA FOR ANY INCREASE IN THE AMOUNT OF THINNING.					
.					
SSPORT C221 POC: B. WILLIAMS (757-396-4001 EXT 2166) TPOC: F. LAROCK QED SYSTEMS INC. (757) 490-5047					
CSMP SUMMARY: CORROSION IN 3-138-2-Q				TEST# MRC 1102/1	
ROOT CAUSE/AMPLIFICATION: H1				STEP# 1 THRU 5	
SYSTEM LEVEL IMPACT:					
PART NO.	NOMENCLATURE		QTY	NSN	COST
1					
2					
3					
4					
5					
6					
FIRST CONTACT REPANSITEK	RATE MPA	SECOND CONTACT NELSON	RATE CHENG	PHONE	
ASSESSOR / ACT / TECH ID# J. LAROCK / C. SHORT QED SYSTEMS INC (757) 490-5047			TD	TL	LOGISTICIAN
					TSP

**USS CARTER HALL (LSD-50)
STERN GATE OPERATING ROOM NO. 2 (3-138-2-Q)**



LARGE AREAS OF BLISTERED PAINT AND CORROSION, CAUSED BY DENTS IN THE TRANSOM-PORT SIDE. ONE OF THE UT READINGS IN THIS AREA IS UNSATISFACTORY. REFER TO DRAWING FOR DETAILS



CORROSION ON BASIN WALL AND DECK, CAUSED BY STANDING WATER.
JSN P803

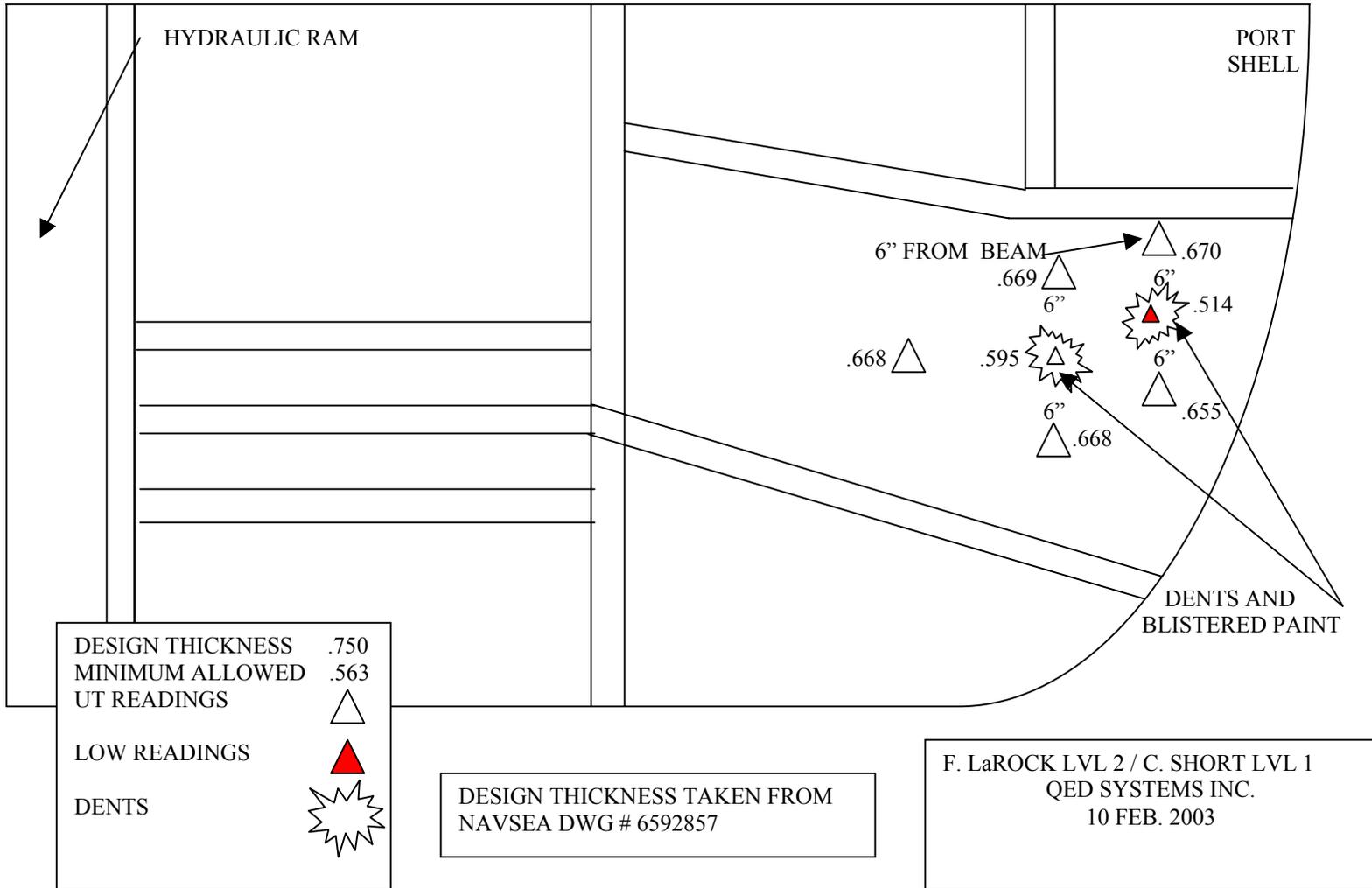
**USS CARTER HALL (LSD-50)
STERN GATE OPERATING ROOM NO. 2 (3-138-2-Q)**



**CORROSION ON FORWARD BULKHEAD AND DECK.
JSN P803**

STERN GATE OPERATING ROOM # 2 (3-138-2-Q) JSN P803

TRANSOM – PORTSIDE



MATERIAL ASSESSMENT FORM

ITEM NUMBER		SHIP USS CARTER HALL (LSD-50)				
SYSTEM SHELL & SUPPORTING STRUCTURE		ESWBS 11021	EIC	APL	RIN N/L	
EQUIPMENT NAME HULL STRUCTURE		IDENT/SERIAL N/A	LOCATION 4-14-2-K	WORK CENTER SS01	JSN P 001	
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 4	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY 4	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 1	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 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 1		
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 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 4	
DISCREPANCY DESCRIPTION: PER HM&ERA UNDERWATER HULL ASSESSMENT: (4-14-2-K) SD STRM # 2 (FLAM MAT'L). THERE IS HEAVY SCALE ON THE DECK AND SUMP, AT THE INBD CORNER OF FRAME 21. APPROX. 12 SQ. FT.						
RECOMMENDED REPAIRS: POWER CLEAN CORRODED AREAS TO BARE METAL, PRIME AND PAINT. APPROX. 12 SQ. FT.						
SSPORT C221 POC: B. WILLIAMS (757-396-4001 EXT 2166) TPOC:						
CSMP SUMMARY: CORROSION IN 4-14-2-K (SD STRM # 2 (FLAM MAT'L).					TEST# MRC 1102/1	
ROOT CAUSE/AMPLIFICATION: H1					STEP# 1 THRU 5	
SYSTEM LEVEL IMPACT:						
PART NO.	NOMENCLATURE			QTY	NSN	COST
1						
2						
3						
4						
5						
6						
FIRST CONTACT REPANSITEK	RATE MPA	SECOND CONTACT NELSON		RATE CHENG	PHONE	
ASSESSOR / ACT / TECH ID# F. LAROCK / C. SHORT QED SYSTEMS INC (757) 490-5047			TD	TL	LOGISTICIAN	TSP

**USS CARTER HALL (LSD-50)
SD STRM #2 (FLAM MAT'L)**



**HEAVY SCALE ON DECK AND SUMP
JSN P001**

MATERIAL ASSESSMENT FORM

ITEM NUMBER		SHIP USS CARTER HALL (LSD-50)				
SYSTEM SHELL & SUPPORTING STRUCTURE		ESWBS 11021	EIC	APL	RIN N/L	
EQUIPMENT NAME HULL STRUCTURE		IDENT/SERIAL N/A	LOCATION 5-74-0-E	WORK CENTER EMO2	JSN P 080	
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. 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 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 0. 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 0. 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 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	
DISCREPANCY DESCRIPTION: PER HM&ERA UNDERWATER HULL ASSESSMENT: (1-88-1) SUPPLY VENT IS CORRODED INSIDE.						
VENT DUCT BOUNDARY IS ALSO A TANK BOUNDARY. APPROX. 100 SQ. FT. OF CORROSION.						
RECOMMENDED REPAIRS: POWER CLEAN CORRODED AREAS TO BARE METAL, PRIME AND PAINT. APPROX. 100 SQ. FT.						
SSPORT C221 POC: B. WILLIAMS (757-396-4001 EXT 2166) TPOC:						
CSMP SUMMARY: CORROSION IN 1-88-1 (SUPPLY VENT).					TEST# MRC 1102/1	
ROOT CAUSE/AMPLIFICATION: H1					STEP# 1 THRU 5	
SYSTEM LEVEL IMPACT:						
PART NO.	NOMENCLATURE			QTY	NSN	COST
1						
2						
3						
4						
5						
6						
FIRST CONTACT REPANSITEK	RATE MPA	SECOND CONTACT NELSON		RATE CHENG	PHONE	
ASSESSOR / ACT / TECH ID# F. LAROCK / C. SHORT QED SYSTEMS INC (757) 490-5047			TD	TL	LOGISTICIAN	TSP

**USS CARTER HALL (LSD-50)
SUPPLY VENT (1-88-1)
INSIDE MMR # 2 (5-74-0-E)**



**CORROSION INSIDE SUPPLY VENT
JSN P080**

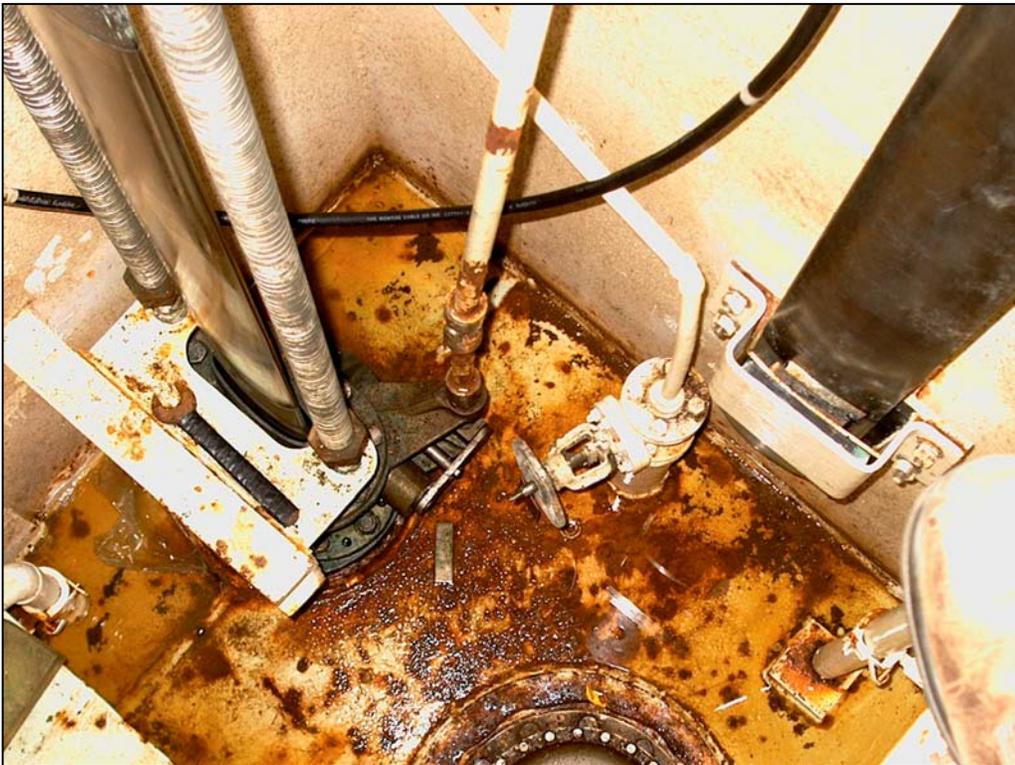
MATERIAL ASSESSMENT FORM

ITEM NUMBER		SHIP USS CARTER HALL (LSD-50)				
SYSTEM SHELL & SUPPORTING STRUCTURE		ESWBS 11021	EIC	APL	RIN N/L	
EQUIPMENT NAME HULL STRUCTURE		IDENT/SERIAL N/A	LOCATION 6-34-1-T	WORK CENTER EE05	JSN P 001	
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 4	1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PRIOR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY 4	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 0. NOT APPLICABLE 1	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 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 1		
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 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 4	
DISCREPANCY DESCRIPTION: PER HM&ERA UNDERWATER HULL ASSESSMENT: (6-34-1-T) UNDER WATER LOG TRUNK. THERE IS CORROSION ON THE DECK AND BULKHEADS. APPROX. 25 SQ. FT.						
RECOMMENDED REPAIRS: POWER CLEAN CORRODED AREAS TO BARE METAL, PRIME AND PAINT. APPROX. 25 SQ. FT.						
SSPORT C221 POC: B. WILLIAMS (757-396-4001 EXT 2166) TPOC:						
CSMP SUMMARY: CORROSION IN 6-34-1-T (UNDER WATER LOG TRUNK).					TEST# MRC 1102/1	
ROOT CAUSE/AMPLIFICATION: H1					STEP# 1 THRU 5	
SYSTEM LEVEL IMPACT:						
PART NO.	NOMENCLATURE			QTY	NSN	COST
1						
2						
3						
4						
5						
6						
FIRST CONTACT REPANSITEK		RATE MPA	SECOND CONTACT NELSON		RATE CHENG	PHONE
ASSESSOR / ACT / TECH ID# J. LAROCK / C. SHORT QED SYSTEMS INC (757) 490-5047				TD	TL	LOGISTICIAN
						TSP

**USS CARTER HALL (LSD-50)
UNDER WATER LOG TRUNK**



CORROSION ON DECK AND BULKHEADS



**CORROSION ON DECK AND BULKHEADS
JSN P001**

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
3-B-0-V	VOID	N		N		GAS FREE REQUIRED
3-2-0-V	NON-FLOODABLE VOID	N		N		GAS FREE REQUIRED
3-10-0-A	CREW BAGGAGE STRM	Y	N	Y		MCA NN01
3-10-4-M	SMALL ARMS MAG	Y	Y	Y		MCA DW01
3-14-1-K	SD STRM #1 (FLAM MAT'L)	Y	Y	Y		MCA HZ01
3-14-4-A	SD STRM #1 (BULK)	Y	N	Y		MCA SS01
3-16-1-A	SD STRM #2 (BULK)	Y	Y	Y		MCA SS01
3-19-2-A	OFFICER BAGGAGE STRM	Y	N	Y		MCA SS02
3-21-2-K	FLAM LIQ. STRM (TROOP)	Y	Y	Y		MCA SS01
3-25-1-L	PASSAGE	Y	Y	Y		MCA SS01

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
3-29-0-E	AC MCHRY #1 REFER MCHRY RM & FWD DEBLST CPRSR RM	Y	N	Y		MAF EA01
3-35-1-V	NON-FLOODABLE VOID	N		N		GAS FREE REQUIRED
3-35-2-V	NON-FLOODABLE VOID	N		N		GAS FREE REQUIRED
3-35-1-T	ACCESS & PIPING TRUNK	Y	Y	Y		MCA EA01
3-35-2-T	ACCESS & PIPING TRUNK	Y	Y	Y		MCA EA01
3-43-1-A	MEDICAL STRM	Y	Y	Y		MCA MH01
3-43-2-V	NON-FLOODABLE VOID	N		N		GAS FREE REQUIRED
3-43-2-Q	FAN ROOM	N		N		GAS FREE REQUIRED
3-52-3-V	NON-FLOODABLE VOID	N		N		GAS FREE REQUIRED
3-54-2-Q	FAN ROOM	Y	Y	Y		MCA EM02

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
3-59-2-A	SD STRM #3 (BULK)	Y	N	Y		MCA 0C01
3-67-1-V	NON-FLOODABLE VOID	N		N		GAS FREE REQUIRED
3-67-2-A	CBR WARFARE EQUIPMENT STRM	Y	Y	Y		MAF ER02
3-70-3-E	DEGAUSSING EQUIP RM	Y	Y	Y		MCA EE01
3-74-1-E	AC MCHRY # 2	Y	Y	Y		MAF EA01
3-74-2-L	PASSAGE	Y	Y	Y		MCA ER02
3-77-2-A	SPECIAL CLOTHING STRM	Y	N	Y		MCA ER02
3-81-3-A	BULK STRM	Y	N	Y		MCA SS02
3-89-1-V	NON-FLOODABLE VOID	N		N		GAS FREE REQUIRED
3-92-2-W	BALLAST TK	N		N		GAS FREE REQUIRED

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
3-93-1-W	BALLAST TK	N		N		GAS FREE REQUIRED
3-98-1-W	BALLAST TK	N		N		GAS FREE REQUIRED
3-98-2-W	BALLAST TK	N		N		GAS FREE REQUIRED
3-103-1-W	BALLAST TK	N		N		GAS FREE REQUIRED
3-103-2-W	BALLAST TK	N		N		GAS FREE REQUIRED
3-107-1-Q	SEW EJN SYS RM # 1	Y	Y	Y		MCA ER02
3-107-2-Q	SEW EJN SYS RM # 2	Y	Y	Y		MCA ER02
3-107-3-W	BALLAST TK	N		N		GAS FREE REQUIRED
3-107-4-W	BALLAST TK	N		N		GAS FREE REQUIRED
3-111-1-W	BALLAST TK	N		N		GAS FREE REQUIRED

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
3-111-2-W	BALLAST TK	N		N		GAS FREE REQUIRED
3-115-1-W	BALLAST TK	N		N		GAS FREE REQUIRED
3-115-2-W	BALLAST TK	N		N		GAS FREE REQUIRED
3-121-1-W	BALLAST TK	N		N		GAS FREE REQUIRED
3-121-2-W	BALLAST TK	N		N		GAS FREE REQUIRED
3-129-1-W	BALLAST TK	N		N		GAS FREE REQUIRED
3-129-2-W	BALLAST TK	N		N		GAS FREE REQUIRED
3-134-1-W	BALLAST TK	N		N		GAS FREE REQUIRED
3-134-2-W	BALLAST TK	N		N		GAS FREE REQUIRED
3-138-1-Q	STERN GATE OPER RM # 1	Y	N	Y		MAF EA05

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
3-138-2-Q	STERN GATE OPER RM # 2	Y	N	Y		MAF EA05
4-6-0-W	CHAIN LCKR SUMP	N		N		GAS FREE REQUIRED LOCATED INSIDE 3-10-0-A (CREW BAGGAGE STRM)
4-6-01-Q	CHAIN LCKR	N		N		GAS FREE REQUIRED
4-6-1-V	INACCESSABLE VOID	N		N		GAS FREE REQUIRED
4-6-2-V	INACCESSABLE VOID	N		N		GAS FREE REQUIRED
4-10-2-T	EDUCTOR TRUNK	Y	N	Y		GAS FREE REQUIRED LOCATED INSIDE 3-10-0-A (CREW BAGGAGE STRM)
4-14-2-K	SD STRM #2 (FLAM MAT'L)	Y	Y	Y		MAF SS01
4-35-0-Q	WELL DECK	Y	N	Y		MCA DA01
4-43-2-F	FUEL SERVICE TK	N		N		GAS FREE REQUIRED
4-45-2-F	FUEL SERVICE TK	N		N		GAS FREE REQUIRED

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
4-52-2-V	VOID	N		N		GAS FREE REQUIRED
4-53-1-W	EXPANSION TK	N		N		GAS FREE REQUIRED
4-53-3-W	EXPANSION TK	N		N		GAS FREE REQUIRED
4-56-2-V	VOID	N		N		GAS FREE REQUIRED
4-74-1-V	VOID	N		N		GAS FREE REQUIRED
4-75-2-W	EXPANSION TK	N		N		GAS FREE REQUIRED
4-75-4-W	EXPANSION TK	N		N		GAS FREE REQUIRED
4-78-1-V	VOID	N		N		GAS FREE REQUIRED
4-93-2-F	FUEL SERVICE TK	N		N		GAS FREE REQUIRED
4-95-2-F	FUEL SERVICE TK	N		N		GAS FREE REQUIRED

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
5-31-2-W	CHT TANK	N		N		GAS FREE REQUIRED
5-33-1-Q	CHT PUMP ROOM	Y	N	Y		MCA ER01
5-41-0-Q	COFFERDAM	N		N		GAS FREE REQUIRED
5-43-0-E	AUX MCHRY RM #1	Y	N	Y		MCA EM08
5-43-1-E	AUX ENCL OPER SP #1	Y	Y	Y		MCA EM08
5-43-3-T	ESCAPE TRUNK	Y	N	Y		MCA EM08
5-52-0-E	MN MCHRY RM #1	Y	N	Y		MCA EB14
5-52-2-F	LO STORAGE TK	N		N		GAS FREE REQUIRED
5-52-4-F	LO STORAGE TK	N		N		GAS FREE REQUIRED
5-53-2-F	LO STORAGE TK	N		N		GAS FREE REQUIRED

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
5-54-2-F	LO STOR/SETLG TK	N		N		GAS FREE REQUIRED
5-54-4-F	LO STORAGE TK	N		N		GAS FREE REQUIRED
5-55-2-F	LO STOR/SETLG TK	N		N		GAS FREE REQUIRED
5-55-4-F	LO STORAGE TK	N		N		GAS FREE REQUIRED
5-56-1-F	MN ENG LO SUMP TK	N		N		GAS FREE REQUIRED
5-56-2-F	LO SETTLING TK	N		N		GAS FREE REQUIRED
5-56-3-F	MN ENG LO SUMP TK	N		N		GAS FREE REQUIRED
5-56-4-F	LO STORAGE TK	N		N		GAS FREE REQUIRED
5-59-1-Q	UPTAKE & FAN SPACE	N		N		GAS FREE REQUIRED
5-60-2-W	RESERVE FEED WTR TK	N		N		GAS FREE REQUIRED

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
5-61-2-Q	COFFERDAM	N		N		GAS FREE REQUIRED
5-63-2-Q	COFFERDAM	N		N		GAS FREE REQUIRED
5-65-2-E	MN ENCL OPER STA #1	Y	Y	Y		MCA EM01
5-66-4-T	ESCAPE TRUNK	Y	Y	Y		MCA EM01
5-67-1-Q	SHAFT ALLEY	Y	N	Y		MCA EM01
5-67-2-W	LCAC WASHDOWN TK	N		N		GAS FREE REQUIRED
5-71-2-F	FUEL SERVICE TK	N		N		GAS FREE REQUIRED
5-71-4-F	FUEL SERVICE TK	N		N		GAS FREE REQUIRED
5-73-1-L	PASSAGE	Y	N	Y		MCA EM09
5-73-3-T	ACCESS TRUNK	Y	N	Y		MCA EM09

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
5-74-0-E	MN MCHRY RM # 2	Y	Y	Y		MCA EM02
5-74-3-F	LO STORAGE TK	N		N		GAS FREE REQUIRED
5-75-3-F	LO STORAGE TK	N		N		GAS FREE REQUIRED
5-76-1-F	LO STOR/SETLG TK	N		N		GAS FREE REQUIRED
5-76-3-F	LO STORAGE TK	N		N		GAS FREE REQUIRED
5-77-1-F	LO STOR/SETLG TK	N		N		GAS FREE REQUIRED
5-77-3-F	LO STORAGE TK	N		N		GAS FREE REQUIRED
5-78-1-F	LO SETTling TK	N		N		GAS FREE REQUIRED
5-78-2-F	MN ENG LO SUMP TK	N		N		GAS FREE REQUIRED
5-78-3-F	LO STORAGE TK	N		N		GAS FREE REQUIRED

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
5-78-4-F	MN ENG LO SUMP TK	N		N		GAS FREE REQUIRED
5-81-2-Q	UPTAKE & FAN SPACE	N		N		GAS FREE REQUIRED
5-83-1-W	RESERVE FEED WTR TK	N		N		GAS FREE REQUIRED
5-87-1-E	MN ENCL OPER STA #2	Y	Y	Y		MCA EM02
5-88-1-T	ESCAPE TRUNK	Y	N	Y		MCA EM02
5-89-0-F	SSDG LUBO STOR TK	N		N		GAS FREE REQUIRED
5-89-01-E	AUX MCHRY RM #2	Y	Y	Y		MCA EM09
5-89-2-Q	UPTAKE & FAN SPACE	N		N		GAS FREE REQUIRED
5-95-2-E	AUX ENCL OPER SP #2	Y	Y	Y		MCA EM09
5-97-2-T	ESCAPE TRUNK	Y	N	Y		MCA EM09

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
5-115-0-W	BALLAST TK	N		N		GAS FREE REQUIRED
5-115-1-W	BALLAST TK	N		N		GAS FREE REQUIRED
5-115-2-W	BALLAST TK	N		N		GAS FREE REQUIRED
5-115-3-F	FUEL OIL OVERFLOW TK	N		N		GAS FREE REQUIRED
5-115-4-F	FUEL OIL OVERFLOW TK	N		N		GAS FREE REQUIRED
5-121-0-W	BALLAST TK	N		N		GAS FREE REQUIRED
5-121-1-F	FUEL TANK	N		N		GAS FREE REQUIRED
5-121-2-F	FUEL TANK	N		N		GAS FREE REQUIRED
5-125-0-W	BALLAST TK	N		N		GAS FREE REQUIRED
5-125-1-F	FUEL TANK	N		N		GAS FREE REQUIRED

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
5-125-2-F	FUEL TANK	N		N		GAS FREE REQUIRED
5-129-0-W	BALLAST TK	N		N		GAS FREE REQUIRED
5-129-1-F	FUEL TANK	N		N		GAS FREE REQUIRED
5-129-2-F	FUEL TANK	N		N		GAS FREE REQUIRED
5-134-01-E	STEERING GEAR ROOM	Y	N	Y		MCA EA05
5-134-0-W	BALLAST TK	N		N		GAS FREE REQUIRED
5-134-3-W	BALLAST TK	N		N		GAS FREE REQUIRED
5-134-4-W	BALLAST TK	N		N		GAS FREE REQUIRED
5-134-1-T	ACCESS TRUNK	Y	N	Y		MCA EA05
5-134-2-T	ACCESS TRUNK	Y	Y	Y		MCA EA05

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
5-137-0-W	BALLAST TK	N		N		GAS FREE REQUIRED
5-137-1-W	BALLAST TK	N		N		GAS FREE REQUIRED
5-137-2-W	BALLAST TK	N		N		GAS FREE REQUIRED
5-140-0-W	BALLAST TK	N		N		GAS FREE REQUIRED
5-140-1-W	BALLAST TK	N		N		GAS FREE REQUIRED
5-140-2-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-B-0-V	VOID	N		N		GAS FREE REQUIRED
6-2-0-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-6-0-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-14-0-W	BALLAST TK	N		N		GAS FREE REQUIRED

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
6-21-0-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-29-0-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-34-1-T	UNDERWATER LOG TRK	Y	N	Y		MAF EE05
6-35-0-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-39-0-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-41-1-W	POT WATER TK	N		N		GAS FREE REQUIRED
6-41-2-W	POT WATER TK	N		N		GAS FREE REQUIRED
6-41-3-W	POT WATER TK	N		N		GAS FREE REQUIRED
6-41-4-W	POT WATER TK	N		N		GAS FREE REQUIRED
6-43-0-W	BALLAST TK	N		N		GAS FREE REQUIRED

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
6-43-1-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-43-2-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-48-1-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-48-2-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-49-1-W	OILY WTR DR CLTG TK	N		N		GAS FREE REQUIRED
6-49-2-W	OILY WTR DR CLTG TK	N		N		GAS FREE REQUIRED
6-51-0-F	SSDG USED OIL TK	N		N		GAS FREE REQUIRED
6-52-1-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-52-2-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-52-3-Q	COFFERDAM	N		N		GAS FREE REQUIRED

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
6-52-3-V	COFFERDAM	N		N		GAS FREE REQUIRED
6-52-4-F	FUEL OVERFLOW TK	N		N		GAS FREE REQUIRED
6-53-1-W	OILY WTR DR CLTG TK	N		N		GAS FREE REQUIRED
6-54-1-F	FUEL OVERFLOW TK	N		N		GAS FREE REQUIRED
6-55-2-W	OILY WTR DR CLTG TK	N		N		GAS FREE REQUIRED
6-56-0-V	VOID	N		N		GAS FREE REQUIRED
6-56-1-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-56-2-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-56-3-F	FUEL TANK	N		N		GAS FREE REQUIRED
6-56-4-F	FUEL TANK	N		N		GAS FREE REQUIRED

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
6-57-1-F	CONTAM OIL SETLG TK	N		N		GAS FREE REQUIRED
6-57-2-F	FUEL SERVICE TK	N		N		GAS FREE REQUIRED
6-59-1-F	WASTE OIL TK	N		N		GAS FREE REQUIRED
6-59-2-F	OILY WASTE HLDG TK	N		N		GAS FREE REQUIRED
6-59-3-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-59-4-F	FUEL SERVICE TK	N		N		GAS FREE REQUIRED
6-59-5-F	FUEL TANK	N		N		GAS FREE REQUIRED
6-59-6-F	FUEL TANK	N		N		GAS FREE REQUIRED
6-61-0-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-61-1-V	VOID	N		N		GAS FREE REQUIRED

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
6-61-2-W	WASTE WTR DR COLL TK	N		N		GAS FREE REQUIRED
6-63-1-V	VOID	N		N		GAS FREE REQUIRED
6-63-2-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-63-3-F	RDCN GEAR LO SUMP TK	N		N		GAS FREE REQUIRED
6-63-4-F	FUEL TANK	N		N		GAS FREE REQUIRED
6-63-5-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-63-7-F	FUEL TANK	N		N		GAS FREE REQUIRED
6-64-2-F	FUEL LEAK OFF COLL TK	N		N		GAS FREE REQUIRED
6-65-1-V	INACCESSABLE VOID	N		N		GAS FREE REQUIRED
6-65-2-W	OILY WTR DR CLTG TK	N		N		GAS FREE REQUIRED

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
6-65-3-F	CPP HYD OIL SUMP TK	N		N		GAS FREE REQUIRED
6-67-0-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-67-1-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-67-2-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-67-3-F	FUEL TANK	N		N		GAS FREE REQUIRED
6-67-4-F	FUEL TANK	N		N		GAS FREE REQUIRED
6-70-1-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-70-2-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-70-3-F	FUEL TANK	N		N		GAS FREE REQUIRED
6-70-4-F	FUEL TANK	N		N		GAS FREE REQUIRED

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
6-74-0-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-74-1-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-74-2-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-74-3-F	FUEL OVERFLOW TK	N		N		GAS FREE REQUIRED
6-74-4-F	FUEL OVERFLOW TK	N		N		GAS FREE REQUIRED
6-75-2-W	OILY WTR DR CLTG TK	N		N		GAS FREE REQUIRED
6-78-0-V	VOID	N		N		GAS FREE REQUIRED
6-78-2-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-78-3-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-78-3-F	FUEL TANK	N		N		GAS FREE REQUIRED

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
6-78-4-F	FUEL TANK	N		N		GAS FREE REQUIRED
6-79-1-F	CONTAM OIL SETLG TK	N		N		GAS FREE REQUIRED
6-81-1-F	OILY WASTE HLDG TK	N		N		GAS FREE REQUIRED
6-81-2-F	WASTE OIL TK	N		N		GAS FREE REQUIRED
6-81-3-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-81-4-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-81-5-F	FUEL TANK	N		N		GAS FREE REQUIRED
6-81-6-F	FUEL TANK	N		N		GAS FREE REQUIRED
6-83-0-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-83-1-W	WASTE WTR DR COLL TK	N		N		GAS FREE REQUIRED

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
6-83-2-V	VOID	N		N		GAS FREE REQUIRED
6-85-1-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-85-2-F	RDCN GEAR LO SUMP TK	N		N		GAS FREE REQUIRED
6-85-3-F	FUEL TANK	N		N		GAS FREE REQUIRED
6-85-4-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-85-6-F	FUEL TANK	N		N		GAS FREE REQUIRED
6-86-1-F	FO LEAK OFF COLL TK	N		N		GAS FREE REQUIRED
6-86-2-V	VOID	N		N		GAS FREE REQUIRED
6-86-3-W	OILY WTR DR CLTG TK	N		N		GAS FREE REQUIRED
6-87-2-V	VOID	N		N		GAS FREE REQUIRED

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
6-87-4-F	CPP HYD OIL SUMP TK	N		N		GAS FREE REQUIRED
6-89-0-F	SSDG USED OIL TK	N		N		GAS FREE REQUIRED
6-89-01-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-89-1-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-89-2-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-89-4-F	FUEL TANK	N		N		GAS FREE REQUIRED
6-93-1-W	OILY WTR DR CLTG TK	N		N		GAS FREE REQUIRED
6-93-2-W	OILY WTR DR CLTG TK	N		N		GAS FREE REQUIRED
6-93-3-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-93-3-F	FUEL OVERFLOW TANK	N		N		GAS FREE REQUIRED

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
6-93-4-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-93-6-F	FUEL OVERFLOW TK	N		N		GAS FREE REQUIRED
6-98-01-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-98-0-J	LCAC FUEL & JP5 PUMP RM	Y	N	Y		MCA EB14
6-98-1-Q	SHAFT ALLEY	Y	N	Y		MCA EM01
6-98-2-Q	SHAFT ALLEY	Y	N	Y		MCA EM02
6-98-3-T	ACCESS TRUNK	Y	N	Y		MCA EM01
6-98-4-T	ACCESS TRUNK	Y	Y	Y		MCA EM02
6-98-5-J	JP SERVICE TK	N		N		GAS FREE REQUIRED
6-98-6-J	JP SERVICE TK	N		N		GAS FREE REQUIRED

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
6-99-1-F	LCAC SERVICE TK	N		N		GAS FREE REQUIRED
6-99-2-F	LCAC SERVICE TK	N		N		GAS FREE REQUIRED
6-99-3-J	JP 5 TANK	N		N		GAS FREE REQUIRED
6-99-4-J	JP 5 TANK	N		N		GAS FREE REQUIRED
6-101-1-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-101-2-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-103-0-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-103-1-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-103-2-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-103-3-F	FUEL OVERFLOW TK	N		N		GAS FREE REQUIRED

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
6-103-4-F	FUEL OVERFLOW TK	N		N		GAS FREE REQUIRED
6-107-0-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-107-1-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-107-2-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-107-3-F	FUEL TANK	N		N		GAS FREE REQUIRED
6-107-4-F	FUEL TANK	N		N		GAS FREE REQUIRED
6-111-0-E	FIRE PUMP & FUEL MANIFOLD ROOM	Y	N	Y		MCA EB14
6-111-0-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-111-3-W	BALLAST TK	N		N		GAS FREE REQUIRED
6-111-4-W	BALLAST TK	N		N		GAS FREE REQUIRED

LSD-41 CLASS STRUCTURAL ASSESSMENT MATRIX

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING HM&ERA	HISTORICAL HOT SPOTS	COMMENTS
6-111-5-F	FUEL TANK	N		N		GAS FREE REQUIRED
6-111-6-F	FUEL TANK	N		N		GAS FREE REQUIRED