# MCM1 ICMP Planning Form



**Task/Abbreviation:** M-11011-1 / (M)UW HULL (DD) - INSP

**MJC:** EXECM001 **Rev Date:** 01/23/2003

**Std Template:** **Sit Reqs:** D/D **Priority:** Mandatory **Qty:** 1 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 120 **ManDays:** 14

**Referenced Authority:**

NSTM CH-997, PARA. 997-4.1

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM-MHC SHIPS | NSTM REQUIREMENT DUE | ACCOMPLISH A VISUAL INSPECTION OF THE UNDERWATER BODY AND APPENDAGES WHILE THE SHIP IS IN DRYDOCK AND REPORT CONDITIONS FOUND TO THE NSA. INSPECTION TO BE ACCOMPLISHED BY PORT ENGINEER, FTSC, SHIP'S FORCE, NAVAL SUPERVISING ACTIVITY AND THE REPAIR FACILITY. NOTE: 1. ACCOMPLISH FIRST INSPECTION WITHIN 24 HOURS OF DRYDOCKING AND AFTER HIGH PRESSURE WATER CLEANING OF THE HULL. 2. SUPSHIP UTILIZE SWI/SWT 110-01, UNDERWATER HULL INSPECTION AND REPAIR, FOR GUIDANCE IN DEVELOPING THIS ITEM. |

**Task/Abbreviation:** I-11011-2 A / UW HULL (IN WTR) - INSP

**MJC:** EXECI392

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

MCM-MHC SHIPS

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH A WATERBORNE UNDERWATER HULL INSPECTION TO INCLUDE ALL APPENDAGES - FROM BOOT TOP (PORT/STARBOARD) TO SHIP'S CENTERLINE (KEEL) AND FROM STEM TO STERN. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP.

**Task/Abbreviation:** Q-11011-3 / UW HULL (IN WTR) - CLN

**MJC:** EXECQ001

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH A WATERBORNE UNDERWATER HULL CLEANING PER CONDITION ASSESSMENT RECOMMENDATIONS. NOTE: UNDERWATER HULL CLEANING OF ABLATIVE PAINT SYSTEMS REQUIRES NAVSEA APPROVAL.

**Task/Abbreviation:** Q-11011-4 / UW HULL (DD) - RPR

**MJC:** EXECQ002

**Rev Date:**

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,500

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

MCM 1 CLASS

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS TO THE UNDERWATER BODY PER CONDITION ASSESSMENT RECOMMENDATIONS (AS APPLICABLE): A. REPAIR A TOTAL OF ____ SQUARE FEET OF DEFECTIVE GRP SHEATHING AND A TOTAL OF ___ LINEAL FEET OF HULL PLANKING FOUND TO BE DAMAGED/DEFECTIVE. ACCOMPLISH REPAIRS IN ACCORDANCE WITH MCM REPAIR MANUAL. B. REPAIR ___ LINEAL FEET OF DAMAGED AND DEFECTIVE TRANSOM VERTICAL CHAFING PIECES AND MARGIN PIECES. C. REPAIR ___ LINEAL FEET OF DAMAGED/DEFECTIVE KEEL SHOE. NOTE: SUPSHIP UTILIZE SSJAXDI LOCAL SPEC ITEM 099-04IN "MCM CLASS SHIP GLASS REINFORCED PLASTIC (GRP) REPAIR AND FABRICATION PROCEDURES; ACCOMPLISH."

**Task/Abbreviation:** M-11011-9 / (M)BILGE KEEL/SKEG (DD) - INSP

**MJC:** EXECM143

**Rev Date:**

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Mandatory

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

NSTM CH-997, PARA. 997-4.1

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 1 CLASS REQUIR | NSTM REQUIREMENT DUE | INSPECT THE BILGE KEELS AND SKEGS. REPORT CONDITIONS FOUND TO THE NSA. |

**Task/Abbreviation:** I-11011-11 / STRUT PADS AND BOLTS - INSP

**MJC:** EXECI340

**Rev Date:**

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT STRUT PADS AND BOLTS FOR TIGHTNESS AND DETERIORATION. INSPECT PADS, FAIRING PIECES AND FILLER BLOCKS FOR DETERIORATION OF WOOD AROUND BOLTS. REPORT CONDITIONS FOUND TO THE NSA. NOTE: TASK APPLICABLE TO WOODEN HULLS ONLY.

**Task/Abbreviation:** I-11011-12 / UW HULL PRECLN - INSP (SPAM) **MJC:** EXECI178 **Rev Date:** 08/31/2003

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 1 **Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit **Freq:** 3 **Equip/Task:** 1 **Matl Cost:** **ManDays:** 3

**Referenced Authority:**

CHAPTER 17 UNDERWATER SHIP HUSBANDRY MANUAL S0600-AA-PRO-170

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | ACCOMPLISH WATERBORNE PRE-CLEANING INSPECTION OF THE UNDERWATER HULL AND APPENDAGES, AS APPLICABLE, FROM BOOT TOP (PORT/ STARBOARD) TO SHIP'S CENTERLINE AND FROM STEM TO STERN. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. NOTE: ACCOMPLISH INSPECTION PRIOR TO SCHEDULED CLEANING OF UNDERWATER HULL TO DETERMINE THE NEED TO CLEAN. |

**Task/Abbreviation:** I-11011-18 / UW HULL - INSP (SPAM) **MJC:** EXECI370 **Rev Date:** 08/31/2003

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 1 **Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** **ManDays:** 4

**Referenced Authority:**

CHAPTER 17 UNDERWATER SHIP HUSBANDRY MANUAL S0600-AA-PRO-170

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | ACCOMPLISH WATERBORNE LEVEL 1 UNDERWATER HULL INSPECTION IN ACCORDANCE WITH CHAPTER 17 UNDERWATER SHIP HUSBANDRY MANUAL S0600-AA-PRO-170. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. |

**Task/Abbreviation:** A-11011-22 / AER MCM1-0767E - ACCOMP

**MJC:** EXTYA016

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED ALTERATION | ACCOMPLISH SHIPALT MCM1-767E "REPLACE STEM BAND FASTENERS" WHICH REARRANGES THE STEM BAND FASTENERS TO PREVENT DELAMINATION OF THE STEM LAMINATE JOINT BY REMOVING THE EXISTING FASTENERS, PLUG WELDING THE EXISTING HOLES IN THE STEM BAND, AND PROVIDING A NEW BOLTING PATTERN IN THE STEM BAND FOR THE NEW FASTENERS. |

**Task/Abbreviation:** I-11021-1 / WOOD HULL INTR - INSP

**MJC:** EXECI341

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT THE INTERIOR OF THE WOODEN HULL AND THE EXTERIOR FREEBOARD FROM STEM TO STERN. INSPECT FOR DETERIORATED STRUCTURAL MEMBERS, FITTINGS, FASTENERS ASSOCIATED COMPONENTS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP.

**Task/Abbreviation:** D-11411-1 / SHIPALT MCM1-0245D ACCOMP

**MJC:** EXSAD272

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-245D "PROPELLER STRUT BEARING FAIRWATER MODS" WHICH PROVIDES ADDITIONAL SEAWATER FLOW THROUGH THE BEARING AND PROVIDES AN INSPECTION HOLE WITH COVER FOR PERIODIC BEARING INSPECTIONS BY INCREASING SEAWATER INLET TO PROPELLER STRUT BEARING FAIRWATER (PORT AND STBD) FROM 9-3/4" TO 10-1/2" AND DRILLING 5" DIAMETER INSPECTION HOLE AT BOTTOM AND 7-1/4" FROM AFT EDGE OF FAIRWATER. |

**Task/Abbreviation:** Q-12011-3 / TIE RODS - INSP & TIGHTEN

**MJC:** EXECQL32

**Rev Date:** 07/10/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 15

**Referenced Authority:**

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

SEARCH AND RECORD THE LOCATION OF EACH TIE ROD. VISUALLY INSPECT DESIGNATED TIE RODS FOR DAMAGE AND TIGHTNESS. TIGHTEN TIE RODS. ACCOMPLISH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-37 FOR WOODWORKING AREAS AFFECTED BY THIS TASK. REPORT CONDITIONS FOUND TO THE NAVAL SUPERVISING AUTHORITY. PROVIDE ___ MANDAYS OF LABOR AND $___ OF MATERIAL TO ACCOMPLISH REPAIRS TO THE TIE RODS FOUND TO BE DAMAGED. ACCOMPLISH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-32.

**Task/Abbreviation:** I-12311-40 / FO TK - INSP & RPR

**MJC:** EXECIK10

**Rev Date:** 05/18/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 120

**Equip/Task:** 1

**Matl Cost:** 1,500

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE ACCESS COVERS & RETAIN FOR REINSTALLATION. REMOVE & DISPOSE OF OIL/WASTE LIQUIDS EXISTING IN TANK. CLEAN INTERIOR SURFACES & EACH TLI SYSTEM TRANSMITTER. MAINTAIN TANK IN A GAS-FREE CONDITION, INCLUDING SOUNDING TUBES AND PIPING TERMINATING INSIDE TANK. ENSURE FLOATS SLIDE FREELY. INSPECT TRANSMITTERS & ASSOCIATED CABLE & PLUG ASSEMBLIES FOR DEFECTS. ENSURE TRANSMITTER TRANSMITS ELECTRICAL SIGNALS THROUGHOUT VERTICAL RANGES. ACCOMPLISH VISUAL INSPECTION FOR STRUCTURAL DAMAGE/DETERIORATION, INCLUDING SOUNDING TUBES, VENTS/OVERFLOWS, PIPING, FASTENERS, & INTERIOR/EXTERIOR STRUCTURAL MEMBERS & SURFACES. REPAIR __ SQUARE FEET OF DEFECTIVE GLASS REINFORCED PLASTIC FOUND BY THE INSPECTION. ACCOMPLISH REQUIREMENTS OF NAVSEA SI 009-25 FOR AIR TEST. INSPECT FOR CLEANLINESS PRIOR TO FINAL CLOSING. REINSTALL ACCESS COVERS USING EXISTING FASTENERS & NEW GASKETS. ACCOMPLISH REQUIREMENTS OF NAVSEA SI 009-32 FOR NEW & DISTURBED SURFACES TO MATCH SURROUNDING AREAS. NOTES: 1. ENSURE TANKS ARE GAS FREE BEFORE ENTERING. 2. ACCOMPLISH, IN TANK, TLI SYSTEM HARDWARE INSPECTION WHENEVER THE ASSOCIATED TLI SYSTEM INSPECT TASK I-43721-1 IS NOT ACCOMPLISHED CONCURRENTLY.

**Task/Abbreviation:** I-12314-5 / POTW TK - INSP & RPR

**MJC:** EXECIK16

**Rev Date:** 12/18/2001

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE ACCESS COVERS & RETAIN FOR REINSTALLATION. REMOVE & DISPOSE OF WATER EXISTING IN TANK. HAND CLEAN INTERIOR SURFACES & EACH TLI SYSTEM XMTR. ENSURE FLOATS SLIDE FREELY. INSP XMTRS & ASSOCIATED CABLE & PLUG ASSEMBLIES FOR DEFECTS. ENSURE XMTR TRANSMITS ELEC SIGNALS THRU-OUT VERTICAL RANGES. ACCOMPLISH VISUAL INSPECTION FOR STRUCTURAL DAMAGE/DETERIORATION, INCLUDING SOUNDING TUBES, VENTS/OVERFLOWS, PPG, FASTENERS, & INT/EXT STRUCTURAL MEMBERS & SURFACES. ACCOMPLISH REQMTS OF NAVSEA SI 009-25 FOR AIR TEST. INSP FOR CLEANLINESS PRIOR TO FINAL CLOSING. CLEAN & INSTALL ACCESS COVERS USING EXISTING FASTENERS & NEW GASKETS. FILL TANK WITH POTABLE WATER. CHLORINATE TANK & PIPING BACK TO & INCLUDING THE FIRST FRESH WATER PUMP. TAKE SAMPLES OF WATER FROM EACH OF THE SHIP'S POTABLE WATER TAPS & DELIVER TO CHEM LAB FOR ANALYSIS & CERTIFICATION. DISPOSE OF WATER GENERATED IN CHLORINATION PROCESS IAW FEDERAL, STATE & LOCAL REG. ACCOMPLISH REQMTS OF NAVSEA SI 009-32 FOR NEW & DISTURBED SURFACES TO MATCH SURROUNDING AREAS. NOTES: 1. ENSURE TANKS ARE GAS FREE BEFORE ENTERING. 2. ACCOMPLISH IN-TANK TLI SYSTEM HARDWARE INSPECTION WHEN TLI SYSTEM INSP TASK I-43721-4 IS NOT DONE CONCURRENTLY.

**Task/Abbreviation:** I-12315-14 / LO TK - INSP & RPR

**MJC:** EXECIK11

**Rev Date:** 05/18/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 120

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE ACCESS COVERS & RETAIN FOR REINSTALLATION. REMOVE & DISPOSE OF OIL/WASTE LIQUIDS EXISTING IN TANK. CLEAN INTERIOR SURFACES & EACH TLI SYSTEM TRANSMITTER. MAINTAIN TANK IN A GAS-FREE CONDITION, INCLUDING SOUNDING TUBES AND PIPING TERMINATING INSIDE TANK. ENSURE FLOATS SLIDE FREELY. INSPECT TRANSMITTERS & ASSOCIATED CABLE & PLUG ASSEMBLIES FOR DEFECTS. ENSURE TRANSMITTER TRANSMITS ELECTRICAL SIGNALS THROUGHOUT VERTICAL RANGES. ACCOMPLISH VISUAL INSPECTION FOR STRUCTURAL DAMAGE/DETERIORATION, INCLUDING SOUNDING TUBES, VENTS/OVERFLOWS, PIPING, FASTENERS, & INTERIOR/EXTERIOR STRUCTURAL MEMBERS & SURFACES. REPAIR __ SQUARE FEET OF DEFECTIVE GLASS REINFORCED PLASTIC FOUND BY THE INSPECTION. ACCOMPLISH REQUIREMENTS OF NAVSEA SI 009-25 FOR AIR TEST. INSPECT FOR CLEANLINESS PRIOR TO FINAL CLOSING. REINSTALL ACCESS COVERS USING EXISTING FASTENERS & NEW GASKETS. ACCOMPLISH REQUIREMENTS OF NAVSEA SI 009-32 FOR NEW & DISTURBED SURFACES TO MATCH SURROUNDING AREAS. NOTES: 1. ENSURE TANKS ARE GAS FREE BEFORE ENTERING. 2. ACCOMPLISH, IN TANK, TLI SYSTEM HARDWARE INSPECTION WHENEVER THE ASSOCIATED TLI SYSTEM INSPECT TASK I-43721-7 IS NOT ACCOMPLISHED CONCURRENTLY.

**Task/Abbreviation:** I-12317-18 / CONTAM OIL TK - INSP & RPR

**MJC:** EXECIK12

**Rev Date:** 05/18/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 120

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE ACCESS COVERS & RETAIN FOR REINSTALLATION. REMOVE & DISPOSE OF OIL/WASTE LIQUIDS EXISTING IN TANK. CLEAN INTERIOR SURFACES & EACH TLI SYSTEM TRANSMITTER. MAINTAIN TANK IN A GAS-FREE CONDITION, INCLUDING SOUNDING TUBES AND PIPING TERMINATING INSIDE TANK. ENSURE FLOATS SLIDE FREELY. INSPECT TRANSMITTERS & ASSOCIATED CABLE & PLUG ASSEMBLIES FOR DEFECTS. ENSURE TRANSMITTER TRANSMITS ELECTRICAL SIGNALS THROUGHOUT VERTICAL RANGES. ACCOMPLISH VISUAL INSPECTION FOR STRUCTURAL DAMAGE/DETERIORATION, INCLUDING SOUNDING TUBES, VENTS/OVERFLOWS, PIPING, FASTENERS, & INTERIOR/EXTERIOR STRUCTURAL MEMBERS & SURFACES. REPAIR __ SQUARE FEET OF DEFECTIVE GLASS REINFORCED PLASTIC FOUND BY THE INSPECTION. ACCOMPLISH REQUIREMENTS OF NAVSEA SI 009-25 FOR AIR TEST. INSPECT FOR CLEANLINESS PRIOR TO FINAL CLOSING. REINSTALL ACCESS COVERS USING EXISTING FASTENERS & NEW GASKETS. ACCOMPLISH REQUIREMENTS OF NAVSEA SI 009-32 FOR NEW & DISTURBED SURFACES TO MATCH SURROUNDING AREAS. NOTES: 1. ENSURE TANKS ARE GAS FREE BEFORE ENTERING. 2. ACCOMPLISH IN-TANK TLI SYSTEM HARDWARE INSPECTION WHEN TLI SYSTEM INSPECTION TASK I-43721-6 IS NOT DONE CONCURRENTLY.

**Task/Abbreviation:** I-12321-4 / FLOODABLE VOID - INSP & RPR

**MJC:** EXECIK17

**Rev Date:** 06/03/2002

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE ACCESS COVERS & RETAIN FOR REINSTALLATION. REMOVE & DISPOSE OF FLUIDS/SLUDGE EXISTING IN VOID. HAND CLEAN FREE OF OIL, GREASE, DIRT, FOREIGN MATTER, LOOSE PAINT, WATER, SLUDGE, RUST AND SALT DEPOSITS. MAINTAIN VOID IN A GAS-FREE CONDITION. ACCOMPLISH AN INSPECTION OF THE VOID SEARCHING FOR DAMAGE TO STRUCTURE, MISSING OR DAMAGED BRACING, FITTINGS, PENETRATIONS, LIMBER CHAINS, AND HARDWARE INCLUDING THE CONDITION OF PAINT SYSTEM. REPAIR __ SQUARE FEET OF DEFECTIVE GLASS REINFORCED PLASTIC FOUND BY THE INSPECTION. INSPECT FOR CLEANLINESS PRIOR TO FINAL CLOSING. REINSTALL ACCESS COVERS USING EXISTING FASTENERS & NEW GASKETS. ACCOMPLISH REQUIREMENTS OF NAVSEA SI 009-32 FOR NEW & DISTURBED SURFACES TO MATCH SURROUNDING AREAS. NOTE: ENSURE VOID IS GAS FREE BEFORE ENTERING.

**Task/Abbreviation:** A-13011-9 / AER MCM1-0298E - ACCOMP

**MJC:** EXTYA510

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 2,185

**ManDays:** 45

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00298, SSDG EXHAUST DK ATTACHMENT MOD, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00298 WHICH REMOVES PLYWOOD DECKING AND MODIFIES DECK AND COAMING AROUND EXHAUST STACK. |

**Task/Abbreviation:** A-13011-10 / AER MCM1-0300E - ACCOMP

**MJC:** EXTYA511

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 6,044

**ManDays:** 118

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00300, EXHAUST UPTAKE DECK REP (226D), NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00300 WHICH ADDS FIRE PROTECTION TO INSULATE THE STACK FROM THE DECK. |

**Task/Abbreviation:** D-15011-19 / SHIPALT MCM1-0300D ACCOMP

**MJC:** EXSAD545

**Rev Date:** 03/04/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 25,000

**ManDays:** 100

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | SHIPALT MCM1-00300D, SIGNAL SHELTER REMOVAL, NOT ACCOMPLISHED | ACCOMPLISH SHIPALT MCM1-00300D WHICH REMOVES SIGNAL SHELTER (03-38-0-C). CHANGE MAY HAVE BEEN ACCOMPLISHED ON SOME SHIPS VIA SHIPALT 131K. |

**Task/Abbreviation:** D-16100-1 / SHIPALT MCM1-0179D ACCOMP

**MJC:** EXSAD271

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-0179D "COLLAPSIBLE SONAR HAWSE PIPE" WHICH INSTALLS A NEW COLLAPSIBLE HAWSE PIPE THAT WILL DISCONNECT FROM THE SEA CHEST COVER AND BE HOISTED INTO THE HIGH HAT BY ROPE AND PULLEY. THE NEW HAWSE PIPE REQUIRES NO STOWAGE AND ELIMINATES THE SAFETY ISSUES ASSOCIATED WITH THE OLD HAWSE PIPE. |

**Task/Abbreviation:** D-16311-8 / SHIPALT MCM1-0068D ACCOMP

**MJC:** EXSAD159

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 20

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-68D "AN/SLQ-48V 1 MNS SEACHEST MOD". |

**Task/Abbreviation:** M-16311-10 / (M)GRP SEA CHESTS (DD)- INSP

**MJC:** EXECMJ31

**Rev Date:** 11/14/2003

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Mandatory

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

NSTM CH-505, PARA 505-9.19.2 NSTM CH-505, PARA 505-9.20.5.1

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | NSTM REQUIREMENT DUE | INSPECT THE GRP HULL SEA CHESTS FROM EXTERIOR OF SHELL PLATING CONNECTION UP TO, BUT EXCLUDING, FIRST SEA VALVE AND GASKET. ACCOMPLISH REMOVALS OF SPLITTER BARS AND STRAINER PLATES. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, REPLACE SPLITTER BARS AND STRAINER PLATES USING NEW FASTENERS. TO INCLUDE (AS APPLICABLE): A. GRATINGS B. SPLITTER BARS C. AIR BLOWDOWN CONNECTION (TO FIRST FLANGE) D. STRAINER PLATES E. ZINC ANODES, AS REQUIRED F. ULTRASONICALLY TEST AS AUTHORIZED. |

**Task/Abbreviation:** Q-16311-11 / GRP HULL SEA CHESTS (DD) - RPR

**MJC:** EXECQK21

**Rev Date:** 05/26/2000

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 1,500

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE SEA CHESTS AND ACCOMPLISH THE FOLLOWING REPAIRS PER CONDITION ASSESSMENT AUTHORIZED RECOMMENDATIONS. REINSTALL SEA CHESTS UPON COMPLETION OF REPAIRS. TO INCLUDE (AS APPLICABLE): A. CLAD WELD _____ SQUARE FEET. B. VEE OUT AND REWELD _____ FEET OF WASTED SEAMS. C. CROP AND INSERT _____ SQUARE FEET OF DISTORTED AND/OR WASTED PLATE. D. REPLACE ZINC ANODES.

**Task/Abbreviation:** O-16711-17 / MACHALT 538 ACCOMP

**MJC:** EXMAO001

**Rev Date:** 07/16/2002

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | MACHALT 538, AT/WT DOOR HINGE UPGRADE, NOT ACCOMPLISHED | ACCOMPLISH MACHALT 538, WHICH INSTALLS NEW HINGE DESIGN UPGRADE TO ELIMINATE THE RAPID WEAR PROBLEM CURRENTLY EXPERIENCED ON HIGH TRAFFIC QAWT/AT STEEL DOORS WITH BRASS HINGE HARDWARE. |

**Task/Abbreviation:** I-17111-4 / MASTS - INSP

**MJC:** EXECIK03

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 500

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH A VISUAL AND HAMMER INSPECTION OF THE MAST AND SUPPORTING STRUCTURE TO INCLUDE: MAST STRUCTURE, SUPPORTING PLATFORMS, YARDAMS, HANDRAILS AND STANCHIONS, PADS, STRUCTURAL FITTINGS, LADDERS AND SAFETY CLIMB RAILS, FOUNDATIONS, CABLEWAY TRUNKS AND HANGERS, AND BIMETALLIC AND/OR BOLTED CONNECTIONS. ASSESS MATERIAL CONDITION OF THE MAST, STIFFENERS, RIVETS, HUCK BOLTS, BOLTS, LADDERS, FASTENERS, CLIPS, BRACKETS, AND FOUNDATIONS. ASSESS PAINT FOR BLISTERS, PEELING PAINT, AND APPARENT INCREASE IN PAINT FILM THICKNESS WHICH MAY INDICATE HIDDEN CORROSION/EXFOLIATION. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP.

**Task/Abbreviation:** D-18011-1 / SHIPALT MCM1-00235D ACCOMP

**MJC:** EXSAD546

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | SHIPALT MCM1-00235D, FOUNDATION BOLTED SADDLE MODS, NOT ACCOMPLISHED | ACCOMPLISH SHIPALT MCM1-00235D WHICH ASSESSES AND MODIFIES EQUIPMENT FOUNDATION BOLTED SADDLE ATTACHMENTS FOR THE BOW THRUSTER POWER PACK, THE SSDG SWITCHBOARD, THE PORT AND STARBOARD ELECTRIC PROPULSION MOTORS, THE TRANSFORMER LIGHTING-OUTBOARD, AND THE STARBOARD AND CENTERLINE AC PLANTS. |

**Task/Abbreviation:** K-19111-6 / SHIPALT MCM1-0131.01K ACCOMP

**MJC:** EXSAK247

**Rev Date:** 07/11/2002

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 300

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | SHIPALT MCM1-0131K, WEIGHT & MOMENT COMPENSATION, INCREMENT 1, NOT ACCOMPLISHED | ACCOMPLISH SHIPALT MCM1-131K, INCREMENT 1, WHICH WILL PROVIDE A MEANS OF COMPENSATING FOR WEIGHT GROWTH AND CHANGES IN CENTER OF GRAVITY. |

**Task/Abbreviation:** K-19111-7 / SHIPALT MCM1-0131.03K ACCOMP

**MJC:** EXSAK617

**Rev Date:** 07/25/2002

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 300

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | SHIPALT MCM1-0131K, WEIGHT & MOMENT COMPENSATION, INCREMENT 3, NOT ACCOMPLISHED | ACCOMPLISH SHIPALT MCM1-131K, INCREMENT 3, WHICH WILL PROVIDE A MEANS OF COMPENSATING FOR WEIGHT GROWTH AND CHANGES IN CENTER OF GRAVITY. |

**Task/Abbreviation:** K-19111-8 / SHIPALT MCM1-0131.02K ACCOMP

**MJC:** EXSAK618

**Rev Date:** 07/25/2002

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 300

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | SHIPALT MCM1-0131K, WEIGHT & MOMENT COMPENSATION, INCREMENT 2, NOT ACCOMPLISHED | ACCOMPLISH SHIPALT MCM1-131K, INCREMENT 2, WHICH WILL PROVIDE A MEANS OF COMPENSATING FOR WEIGHT GROWTH AND CHANGES IN CENTER OF GRAVITY. |

**Task/Abbreviation:** K-23310-1 / SHIPALT MCM1-0050K ACCOMP

**MJC:** EXSAK246

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 7380

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | NAVSEA AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-50K "REPLACE WAUKESHA ENGINES". |

**Task/Abbreviation:** A-23310-2 / AER MCM1-60022E - ACCOMP

**MJC:** EXTYA020

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED ALTERATION | ACCOMPLISH SHIPALT MCM1-60022E "METAL PARTICULATE DETECT (AMOT)" WHICH CONTINUOUSLY MEASURES LUBE OIL PARTICULATE IN THE DIESEL ENGINE'S LUBE OIL SYSTEM. |

**Task/Abbreviation:** A-23310-3 / AER MCM1-60023E - ACCOMP

**MJC:** EXTYA021

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED ALTERATION | ACCOMPLISH SHIPALT MCM1-60023E "LOW LUBE OIL SHUTDOWN DEVICE" WHICH MODIFIES THE CURRENT LOW LUBE OIL SHUTDOWN DEVICE. |

**Task/Abbreviation:** A-23310-4 / AER MCM1-60020E - ACCOMP

**MJC:** EXTYA019

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED ALTERATION | ACCOMPLISH SHIPALT MCM1-60020E "FDGM ECP A03" WHICH INSTALLS FLEXIBLE FUEL OIL FUEL LINES (FLEXFORTN) FOR I-F ENGINES. |

**Task/Abbreviation:** D-23310-9 / SHIPALT MCM1-0212D ACCOMP

**MJC:** EXSAD273

**Rev Date:** 03/04/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-0212D "INTERFACE CONT BOX TD RELAY REPLACE" WHICH INCREASES RELIABILITY BY REPLACING THE TIME DELAY RELAYS IN THE DIESEL ENGINES INTERFACE CONTROL BOXES. |

**Task/Abbreviation:** A-23310-14 / AER MCM1-0832E - ACCOMP

**MJC:** EXTYA515

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00832, DIESEL ENG JW DEMINERALIZER, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00832 WHICH INSTALLS DIESEL ENGINE JACKET WATER DEMINERALIZER TO IMPROVE THE RELIABILITY OF THE DIESEL ENGINE JACKET WATER COOLING SYSTEM. |

**Task/Abbreviation:** Q-23311-2 / PRPLN DSL ENG - RPR

**MJC:** EXECQ063

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 11,700

**ManDays:** 260

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR MAIN PROPULSION DIESEL ENGINE (MPDE) PER DIESEL ENGINE INSPECTION REPORT. DISASSEMBLE THE MPDE TO THE EXTENT NECESSARY TO ACCOMPLISH DESIGNATED REPAIRS. ON COMPLETION OF REPAIRS, REASSEMBLE ENGINE, ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND REDUCTION GEAR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE ____ MANDAYS OF LABOR AND _____ DOLLARS OF MATERIAL FOR REPAIRS. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.

**Task/Abbreviation:** Q-23311-3 / ELECTRO/MECH-HYDR GOV - RPR

**MJC:** EXECQA26

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 135

**ManDays:** 8

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH AUTHORIZED REPAIRS TO ELECTRO/MECHANICAL- HYDRAULIC SPEED GOVERNOR SYSTEM OF THE PROPULSION DIESEL ENGINE PER CONDITION ASSESSMENT AND/OR FTSC/OEM RECOMMENDATIONS. DISCONNECT GOVERNOR LINKAGE, TUBE FITTINGS, ELECTRICAL WIRING AND MOUNTING FLANGE. SHIP TO QUALIFIED MAINTENANCE FACILITY FOR TEST STAND EVALUATION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, ASSEMBLE COMPONENTS USING NEW GASKETS, O-RINGS, RETAINING RINGS AND SEALS AND ENSURE OIL PASSAGES ARE FREE FROM FOREIGN MATTER. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY POST-REPAIRS TEST STAND TEST. REINSTALL GOVERNOR AND CONNECT MOUNTING FLANGE, TUBE FITTINGS, ELECTRICAL WIRING AND LINKAGE. PROVIDE TECHNICAL REPRESENTATIVE FOR INPLACE ACCOMPLISHMENT OF SPEED REGULATION ADJUSTMENT AND A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** Q-23311-5 / PRPLN DSL ENG FW CLRS - RPR

**MJC:** EXECQA38

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH THE FOLLOWING REPAIRS TO THE FRESH WATER COOLERS OF THE PROPULSION DIESEL ENGINE PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE WATER BOXES FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE COOLER TUBES. B. REPLACE COOLER ZINCS. C. REMOVE FRESH WATER COOLER(S) TO SHOP FOR REPAIRS.

**Task/Abbreviation:** Q-23311-6 / PRPLN DSL ENG AFTCLR - RPR

**MJC:** EXECQA44

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH THE FOLLOWING REPAIRS TO THE AFTERCOOLER (COMBUSTION AIR) OF THE PROPULSION DIESEL ENGINE PER CONDITION ASSESSMENT RECOMMENDATIONS & AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE WATER BOXES FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE COOLER TUBES. B. REPLACE COOLER ZINCS. C. REMOVE COMBUSTION AIR AFTERCOOLER TO SHOP FOR REPAIRS.

**Task/Abbreviation:** Q-23311-10 / ATCHD JKT WTR PMP - RPR

**MJC:** EXECQA68

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** YES

**Lvl of Maint:** Intermediate

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE JACKET WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. F. REPLACE THE JACKET WATER PUMP ASSEMBLY. |

**Task/Abbreviation:** Q-23311-11 / ATCHD SW PMP - RPR

**MJC:** EXECQA74

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,500

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE SEA WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACOMPLISH SATISFACTORY OPERATIONAL TESTS. A. REPLACE SHAFT B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. F. REPLACE THE SEA WATER PUMP ASSEMBLY.

**Task/Abbreviation:** I-23311-38 / PRPLN DSL ENG - INSP/OP TST **MJC:** EXECM054 **Rev Date:** 01/30/2004

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit **Freq:** 21 **Equip/Task:** 1 **Matl Cost:** **ManDays:** 3

**Referenced Authority:**

JOINT FLEET MAINTENANCE MANUAL INST 4790.3 VOLUME 4 PARA 7.3

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | ACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE PROPULSION DIESEL ENGINE IN ACCORDANCE WITH THE TYPE COMMANDER MAINTENANCE MANUAL. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. TO INCLUDE: A. ALARM AND SAFETY DEVICES. B. GOVERNOR SYSTEM, SPEED. C. LOAD TESTS (OPERATIONAL-SINGLE AND PARALLEL MODES). D. SYNCHRONIZING DEVICE SYSTEM. |

**Task/Abbreviation:** Z-23311-39 / PRPLN ENG FDN BOLTS - TORQUE **MJC:** EXECZ012 **Rev Date:** 08/26/1998

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 12 **Equip/Task:** 1 **Matl Cost:** **ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 1 AND 2 | TBD | INSPECT AND TORQUE THE PROPULSION DIESEL ENGINE FOUNDATION BOLTS IN ACCORDANCE WITH MIP 2331/005-B0, MRC 41 8CRV N. |

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 3 THROUGH 14 | TBD | TORQUE THE PROPULSION DIESEL ENGINE FOUNDATION BOLTS IN ACCORDANCE WITH MIP 2331/008-11, MRC B5 8HJB N. |

**Task/Abbreviation:** Z-23311-41 / EXH TEMP THERMOCOUPLE-CLN/INSP **MJC:** EXECZ043 **Rev Date:** 02/03/1999

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** X **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 21 **Equip/Task:** X **Matl Cost:** 250 **ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 3 THROUGH 14 | TBD | CLEAN AND INSPECT PROPULSION DIESEL ENGINE EXHAUST TEMPERATURE THERMOCOUPLES IN ACCORDANCE WITH MIP 2331/008-11, MRC C8 8HJC N. |

**Task/Abbreviation:** Z-23311-42 / PRPLN ENG FUEL INJ NOZ - TST

**MJC:** EXECZ045

**Rev Date:** 02/03/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 24

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** 6

**Matl Cost:** 50

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

MCM 3 THROUGH 14

**Problem Description:**

TBD

**Recommended Solution:**

TEST THE MAIN PROPULSION DIESEL ENGINE FUEL INJECTION NOZZLES IN ACCORDANCE WITH MIP 2331/008, MRC A0 8TYZ Y.

**Task/Abbreviation:** Z-23311-43 / PRPLN ENG CYL - BORESCOPE INSP **MJC:** EXECZ047 **Rev Date:** 02/03/1999

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 21 **Equip/Task:** 1 **Matl Cost:** 50 **ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 3 THROUGH 14 | TBD | INSPECT THE MAIN PROPULSION DIESEL ENGINE CYLINDER WITH BORESCOPE IN ACCORDANCE WITH MIP 2331/008-11, MRC A0 8TYZ Y. |

**Task/Abbreviation:** Z-23311-45 / PRPLN ENG -PREP FOR INACTIVITY **MJC:** EXECZ051 **Rev Date:** 02/03/1999

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 200 **ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 3 THROUGH 14 | TBD | PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR INACTIVITY IN ACCORDANCE WITH MIP 2331/008-11, MRC 47 8HJL N. |

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 1 AND 2 | TBD | PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR INACTIVITY IN ACCORDANCE WITH MIP 2331/005-B0 MRC C8 8CRY N. |

**Task/Abbreviation:** Z-23311-46 / PRPLN ENG - PREP FOR OPN

**MJC:** EXECZ053

**Rev Date:** 02/03/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 200

**ManDays:** 4

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 1 AND 2 | TBD | PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR OPERATION IN ACCORDANCE WITH MIP 2331/005-B0 MRC C8 8CRZ N. |

**Task/Abbreviation:** D-23311-55 / SHIPALT MCM1-0147D ACCOMP

**MJC:** EXSAD270

**Rev Date:** 03/04/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-147D "I.F. ENGINE LOW LUBE OIL PRESSURE SHUTDOWN" WHICH PROVIDES AN IMPROVED AUTOMATIC LOW LUBE OIL PRESSURE SHUTDOWN FOR THE ISOTTA FRASCHINI MAIN PROPULSION AND GENERATOR ENGINES BY INSTALLING A SOLENOID VALVE FROM THE GOVERNOR SHUTDOWN CONNECTION WHICH PROVIDES AN IMMEDIATE ENGINE SHUTDOWN. |

**Task/Abbreviation:** I-23311-58 / POST DSL ENG OVHL INSP- ACCOMP

**MJC:** EXECIK18

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 150

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

WHEN SIGNIFICANT MAINTENANCE HAS BEEN COMPLETED OR AN ENGINE OVERHAUL PERFORMED, A POST-ENGINE OVERHAUL/REPAIR INSPECTION SHALL BE CONDUCTED BY THE TYPE COMMANDER DIESEL ENGINE INSPECTOR PRIOR TO CONTINUOUS OPERATION. ACCOMPLISH POST DIESEL ENGINE OVERHAUL INSPECTION AS FOLLOWS: A. NOTIFY THE NSA TEN WORK DAYS PRIOR TO START UP OF ENGINE. B. REMOVE COMPONENTS FROM THE ENGINE AS DIRECTED BY THE DIESEL ENGINE INSPECTOR. C. ASSIST THE DIESEL ENGINE INSPECTOR IN TAKING CRANKSHAFT DEFLECTION AND THRUST READINGS. (NOTE: USE SMWG TEMPLATE #233-50 FOR GUIDANCE.)

**Task/Abbreviation:** Z-23311-59 / PRPLN DENG PRFM TST - CNDCT **MJC:** EXECZ099 **Rev Date:** 09/06/2001

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 12 **Equip/Task:** 1 **Matl Cost:** **ManDays:** 2

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | CONDUCT MAIN PROPULSION DIESEL ENGINE PERFORMANCE TEST IN ACCORDANCE WITH MIP 2331/005-B0, MRC A0 8TWG N (APPLICABLE TO MCM 1 AND 2 ONLY). |

**Task/Abbreviation:** Z-23311-60 / PRPLN DSL ENG FUEL INJ - TST

**MJC:** EXECZ100

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 48

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 48

**Equip/Task:** 12

**Matl Cost:** 50

**ManDays:** 2

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | TEST PROPULSION DIESEL ENGINE FUEL INJECTORS IN ACCORDANCE WITH MIP 2331/005-B0, MRC C8 8CRU Y (APPLICABLE TO MCM 1 AND 2 ONLY) |

**Task/Abbreviation:** Z-23311-61 / PRPLN ENG FW PUMP - RMV & DEL **MJC:** EXECZ101 **Rev Date:** 09/11/2001

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 50 **ManDays:** 1

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE & DELIVER PROPULSION DIESEL ENGINE FRESHWATER PUMP TO REPAIR ACTIVITY FOR OVERHAUL. RECEIVE OVERHAULED FRESHWATER PUMP FROM REPAIR ACTIVITY AND REINSTALL. ACCOMPLISH THE ABOVE WORK IN ACCORDANCE WITH MIP 2331/005-B0, MRC C8 8CRW Y (APPLICABLE TO MCM 1 AND 2 ONLY). |

**Task/Abbreviation:** Z-23311-62 / PRPLN ENG SW PMP - RMV & DEL **MJC:** EXECZ102 **Rev Date:** 09/13/2001

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 50 **ManDays:** 1

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE & DELIVER PROPULSION DIESEL ENGINE SEAWATER PUMP TO REPAIR ACTIVITY FOR OVERHAUL. RECEIVE OVERHAULED SEAWATER PUMP FROM REPAIR ACTIVITY AND REINSTALL. ACCOMPLISH THE ABOVE WORK IN ACCORDANCE WITH MIP 2331/005-B0, MRC 56 8CRX Y. |

**Task/Abbreviation:** Z-23311-63 / DENG OIL PRESS REG VLV - REPL

**MJC:** EXECZ103

**Rev Date:** 09/18/2001

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:** 250

**ManDays:** 1

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPLACE PROPULSION DIESEL ENGINE OIL PRESSURE REGULATOR VALVE IN ACCORDANCE WITH MIP 2331/008-11, MRC C8 8VZG Y (MCM 3 THROUGH 14 ONLY). |

**Task/Abbreviation:** J-23311-64 / PRPLN DSL ENG FW CLR-PLUG TB

**MJC:** EXECJ479

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-23311-65 / PRPLN DSL FW CLR - REPL BUNDLE

**MJC:** EXECJ483

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-23311-66 / PRPLN DSL ENG FW CLR-REPL TB

**MJC:** EXECJ487

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-23311-67 / PRPLN DSL FW CLR - REPL ZINCS

**MJC:** EXECJ491

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-23311-68 / PRPLN DSL FW CLR - REROLL TB

**MJC:** EXECJ495

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-23311-69 / PRPLN DSL FW CLR - RPR TB SH

**MJC:** EXECJ499

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-23311-70 / PRPLN DSL FW CLR-RPR TB SPRTS

**MJC:** EXECJ503

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-23311-78 / ATCHD JKT WTR PMP - RPR

**MJC:** EXECJI64

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE, OPEN, CLEAN AND INSPECT THE JACKET WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE JACKET WATER PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS. |

**Task/Abbreviation:** J-23311-79 / ATCHD JKT WTR PMP - REPL

**MJC:** EXECJI65

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE JACKET WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-23311-82 / ATCHD SW PMP - RPR

**MJC:** EXECJJ23

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 0

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 0

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE, OPEN, CLEAN AND INSPECT THE SEA WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE SEA WATER PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

**Task/Abbreviation:** J-23311-83 / ATCHD SW PMP - REPL

**MJC:** EXECJJ24

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 0

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 0

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPLACE THE SEA WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-23311-84 / PRPLN DSL ENG CYL HEADS - RPR

**MJC:** EXECJQ25

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 11,700

**ManDays:** 260

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR MPDE CYLINDER HEAD(S) FOR THE COLT PIELSTICK ENGINE. REMOVE NUMBER ___ CYLINDER HEAD(S) IAW TECH MANUAL. REMOVE INJECTION NOZZLES FOR TIP REPLACEMENT, REPAIR AND POP-TESTING. DISASSEMBLE THE INTAKE AND EXHAUST VALVE ROCKER ARM ASSEMBLIES. INSPECT ROCKER ARMS AND REPLACE THOSE FOUND DAMAGED OR BEYOND WEAR LIMITS. REMOVE, DISASSEMBLE, INSPECT, REFURBISH AND REASSEMBLE THE INTAKE, EXHAUST AND SAFETY VALVE ASSEMBLIES IAW TECH MANUAL. REMOVE, DISASSEMBLE, INSPECT, REFURBISH AND REASSEMBLE THE AIR START CHECK VALVE(S) FOR THE RIGHT BANK CYLINDER HEADS IAW TECH MANUAL. INSPECT AND RECONDITION THE CYLINDER HEAD PER TECH MANUAL. REINSTALL THE CYLINDER HEAD AND VALVE ASSEMBLIES. REINSTALL INJECTION NOZZLE AND PIPING. INSTALL ROCKER ARM ASSEMBLIES AND SET VALVE LASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** Q-23312-2 / PRPLN DSL ENG - RPR

**MJC:** EXECQ064

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 11,700

**ManDays:** 260

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR MAIN PROPULSION DIESEL ENGINE (MPDE) PER DIESEL ENGINE INSPECTION REPORT. DISASSEMBLE THE MPDE TO THE EXTENT NECESSARY TO ACCOMPLISH DESIGNATED REPAIRS. ON COMPLETION OF REPAIRS, REASSEMBLE ENGINE, ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND REDUCTION GEAR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE ____ MANDAYS OF LABOR AND _____ DOLLARS OF MATERIAL FOR REPAIRS. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.

**Task/Abbreviation:** Q-23312-3 / ELECTRO/MECH-HYDR GOV - RPR

**MJC:** EXECQA27

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 360

**ManDays:** 8

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH AUTHORIZED REPAIRS TO ELECTRO/MECHANICAL- HYDRAULIC SPEED GOVERNOR SYSTEM OF THE PROPULSION DIESEL ENGINE PER CONDITION ASSESSMENT AND/OR FTSC/OEM RECOMMENDATIONS. DISCONNECT GOVERNOR LINKAGE, TUBE FITTINGS, ELECTRICAL WIRING AND MOUNTING FLANGE. SHIP TO QUALIFIED MAINTENANCE FACILITY FOR TEST STAND EVALUATION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, ASSEMBLE COMPONENTS USING NEW GASKETS, O-RINGS, RETAINING RINGS AND SEALS AND ENSURE OIL PASSAGES ARE FREE FROM FOREIGN MATTER. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY POST-REPAIRS TEST STAND TEST. REINSTALL GOVERNOR AND CONNECT MOUNTING FLANGE, TUBE FITTINGS, ELECTRICAL WIRING AND LINKAGE. PROVIDE TECHNICAL REPRESENTATIVE FOR INPLACE ACCOMPLISHMENT OF SPEED REGULATION ADJUSTMENT AND A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** Q-23312-5 / PRPLN DSL ENG FW CLR - RPR

**MJC:** EXECQA39

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

**Task/Abbreviation:** Q-23312-6 / PRPLN DSL ENG AFTCLR - RPR

**MJC:** EXECQA45

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH THE FOLLOWING REPAIRS TO THE AFTERCOOLER (COMBUSTION AIR) OF THE PROPULSION DIESEL ENGINE PER CONDITION ASSESSMENT RECOMMENDATIONS & AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE WATER BOXES FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE COOLER TUBES. B. REPLACE COOLER ZINCS. C. REMOVE COMBUSTION AIR AFTERCOOLER TO SHOP FOR REPAIRS.

**Task/Abbreviation:** Q-23312-10 / ATCHD JKT WTR PMP - RPR

**MJC:** EXECQA69

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** YES

**Lvl of Maint:** Intermediate

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE JACKET WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. F. REPLACE THE JACKET WATER PUMP ASSEMBLY. |

**Task/Abbreviation:** Q-23312-11 / ATCHD SW PMP - RPR

**MJC:** EXECQA75

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** 0

**Qty:** 0

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 0

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE, DISASSEMBLE. CLEAN AND INSPECT THE SEA WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. F. REPLACE THE SEA WATER PUMP ASSEMBLY. |

**Task/Abbreviation:** I-23312-38 / PRPLN DSL ENG - INSP/OP TST **MJC:** EXECM055 **Rev Date:** 01/30/2004

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit **Freq:** 21 **Equip/Task:** 1 **Matl Cost:** **ManDays:** 3

**Referenced Authority:**

JOINT FLEET MAINTENANCE MANUAL INST 4790.3 VOLUME 4 PARA 7.3

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | ACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE PROPULSION DIESEL ENGINE IN ACCORDANCE WITH THE TYPE COMMANDER MAINTENANCE MANUAL. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. TO INCLUDE: A. ALARM AND SAFETY DEVICES. B. GOVERNOR SYSTEM, SPEED. C. LOAD TESTS (OPERATIONAL-SINGLE AND PARALLEL MODES). D. SYNCHRONIZING DEVICE SYSTEM. |

**Task/Abbreviation:** Z-23312-39 / PRPLN ENG FDN BOLTS - TORQUE **MJC:** EXECZ034 **Rev Date:** 08/26/1998

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 12 **Equip/Task:** 1 **Matl Cost:** 10 **ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 1 AND 2 | TBD | INSPECT AND TORQUE THE PROPULSION DIESEL ENGINE FOUNDATION BOLTS IN ACCORDANCE WITH MIP 2331/005-B0, MRC 41 8CRV N. |

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 3 THROUGH 14 | TBD | TORQUE THE PROPULSION DIESEL ENGINE FOUNDATION BOLTS IN ACCORDANCE WITH MIP 2331/008-11, MRC B5 8HJB N. |

**Task/Abbreviation:** Z-23312-41 / EXH TEMP THERMOCOUPLE-CLN/INSP **MJC:** EXECZ044 **Rev Date:** 02/03/1999

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** X **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 0 **Equip/Task:** X **Matl Cost:** 250 **ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 3 THROUGH 14 | TBD | CLEAN AND INSPECT PROPULSION DIESEL ENGINE EXHAUST TEMPERATURE THERMOCOUPLES IN ACCORDANCE WITH MIP 2331/008-11, MRC C8 8HJC N. |

**Task/Abbreviation:** Z-23312-42 / PRPLN ENG FUEL INJ NOZ - TST

**MJC:** EXECZ046

**Rev Date:** 02/03/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 24

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 0

**Equip/Task:** 6

**Matl Cost:** 50

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

MCM 3 THROUGH 14

**Problem Description:**

TBD

**Recommended Solution:**

TEST THE MAIN PROPULSION DIESEL ENGINE FUEL INJECTION NOZZLES IN ACCORDANCE WITH MIP 2331/008-11, MRC A0 8TYZ Y.

**Task/Abbreviation:** Z-23312-43 / PRPLN ENG CYL - BORESCOPE INSP

**MJC:** EXECZ048

**Rev Date:** 02/04/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 50

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

MCM 3 THROUGH 14

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT THE MAIN PROPULSION DIESEL ENGINE CYLINDER WITH BORESCOPE IN ACCORDANCE WITH MIP 2331/008-11, MRC A0 8TYZ Y.

**Task/Abbreviation:** Z-23312-45 / PRPLN ENG -PREP FOR INACTIVITY **MJC:** EXECZ052 **Rev Date:** 02/08/1999

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 200 **ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 3 THROUGH 14 | TBD | PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR INACTIVITY IN ACCORDANCE WITH MIP 2331/008-11 MRC 47 8HJL N. |

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 1 AND 2 | TBD | PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR INACTIVITY IN ACCORDANCE WITH MIP 2331/005-B0, MRC C8 8CRY N. |

**Task/Abbreviation:** Z-23312-46 / PRPLN ENG - PREP FOR OPN **MJC:** EXECZ054 **Rev Date:** 02/08/1999

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 200 **ManDays:** 4

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR OPERATION IN ACCORDANCE WITH MIP 2331/013. |

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 1 AND 2 | TBD | PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR OPERATION IN ACCORDANCE WITH MIP 2331/005-B0, MRC C8 8CRZ N. |

**Task/Abbreviation:** I-23312-58 / POST DSL ENG OVHL INSP- ACCOMP **MJC:** EXECIK19 **Rev Date:** 09/26/2000

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 150 **ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

WHEN SIGNIFICANT MAINTENANCE HAS BEEN COMPLETED OR AN ENGINE OVERHAUL PERFORMED, A POST-ENGINE OVERHAUL/REPAIR INSPECTION SHALL BE CONDUCTED BY THE TYPE COMMANDER DIESEL ENGINE INSPECTOR PRIOR TO CONTINUOUS OPERATION. ACCOMPLISH POST DIESEL ENGINE OVERHAUL INSPECTION AS FOLLOWS: A. NOTIFY THE NSA TEN WORK DAYS PRIOR TO START UP OF ENGINE. B. REMOVE COMPONENTS FROM THE ENGINE AS DIRECTED BY THE DIESEL ENGINE INSPECTOR. C. ASSIST THE DIESEL ENGINE INSPECTOR IN TAKING CRANKSHAFT DEFLECTION AND THRUST READINGS. (NOTE: USE SMWG TEMPLATE #233-50 FOR GUIDANCE.)

**Task/Abbreviation:** Z-23312-59 / PRPLN DENG PRFM TST - CNDCT **MJC:** EXECZ099 **Rev Date:** 09/06/2001

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 12 **Equip/Task:** 1 **Matl Cost:** **ManDays:** 2

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | CONDUCT MAIN PROPULSION DIESEL ENGINE PERFORMANCE TEST IN ACCORDANCE WITH MIP 2331/005-B0, MRC A0 8TWG N (APPLICABLE TO MCM 1 AND 2 ONLY). |

**Task/Abbreviation:** Z-23312-60 / PRPLN DSL ENG FUEL INJ - TST

**MJC:** EXECZ100

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 48

**Equip/Task:** 1

**Matl Cost:** 50

**ManDays:** 2

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | TEST PROPULSION DIESEL ENGINE FUEL INJECTORS IN ACCORDANCE WITH MIP 2331/005-B0, MRC C8 8CRU Y (APPLICABLE TO MCM 1 AND 2 ONLY) |

**Task/Abbreviation:** Z-23312-61 / PRPLN ENG FW PUMP - RMV & DEL **MJC:** EXECZ101 **Rev Date:** 09/13/2001

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 50 **ManDays:** 1

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE & DELIVER PROPULSION DIESEL ENGINE FRESHWATER PUMP TO REPAIR ACTIVITY FOR OVERHAUL. RECEIVE OVERHAULED FRESHWATER PUMP FROM REPAIR ACTIVITY AND REINSTALL. ACCOMPLISH THE ABOVE WORK IN ACCORDANCE WITH MIP 2331/005-B0, MRC C8 8CRW Y. |

**Task/Abbreviation:** Z-23312-62 / PRPLN ENG SW PMP - RMV & DEL

**MJC:** EXECZ102

**Rev Date:** 09/13/2001

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 50

**ManDays:** 1

**Referenced Authority:**

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE & DELIVER PROPULSION DIESEL ENGINE SEAWATER PUMP TO REPAIR ACTIVITY FOR OVERHAUL. RECEIVE OVERHAULED SEAWATER PUMP FROM REPAIR ACTIVITY AND REINSTALL. ACCOMPLISH THE ABOVE WORK IN ACCORDANCE WITH MIP 2331/005-B0, MRC 56 8CRX Y.

**Task/Abbreviation:** Z-23312-63 / DENG OIL PRESS REG VLV - REPL **MJC:** EXECZ103 **Rev Date:** 09/18/2001

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 12 **Equip/Task:** 1 **Matl Cost:** 250 **ManDays:** 1

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPLACE PROPULSION DIESEL ENGINE OIL PRESSURE REGULATOR VALVE IN ACCORDANCE WITH MIP 2331/008-11, MRC C8 8VZG Y (MCM 3 THROUGH 14 ONLY). |

**Task/Abbreviation:** J-23312-64 / PRPLN DSL ENG FW CLR-PLUG TB

**MJC:** EXECJ480

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-23312-65 / PRPLN DSL FW CLR - REPL BUNDLE

**MJC:** EXECJ484

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-23312-66 / PRPLN DSL ENG FW CLR-REPL TB

**MJC:** EXECJ488

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-23312-67 / PRPLN DSL FW CLR - REPL ZINCS

**MJC:** EXECJ492

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-23312-68 / PRPLN DSL FW CLR - REROLL TB

**MJC:** EXECJ496

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-23312-69 / PRPLN DSL FW CLR - RPR TB SH

**MJC:** EXECJ500

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-23312-70 / PRPLN DSL FW CLR-RPR TB SPRTS

**MJC:** EXECJ504

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-23312-78 / ATCHD JKT WTR PMP - RPR

**MJC:** EXECJJ25

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE, OPEN, CLEAN AND INSPECT THE JACKET WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE JACKET WATER PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS. |

**Task/Abbreviation:** J-23312-79 / ATCHD JKT WTR PMP - REPL

**MJC:** EXECJJ26

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE JACKET WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-23312-80 / ATCHD SW PMP - RPR

**MJC:** EXECJJ27

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 0

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 0

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE, OPEN, CLEAN AND INSPECT THE SEA WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE SEA WATER PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

**Task/Abbreviation:** J-23312-81 / ATCHD SW PMP - REPL

**MJC:** EXECJJ28

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 0

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 0

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPLACE THE SEA WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-23312-84 / PRPLN DSL ENG CYL HEADS - RPR

**MJC:** EXECJQ46

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 11,700

**ManDays:** 260

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR MPDE CYLINDER HEAD(S) FOR THE COLT PIELSTICK ENGINE. REMOVE NUMBER ___ CYLINDER HEAD(S) IAW TECH MANUAL. REMOVE INJECTION NOZZLES FOR TIP REPLACEMENT, REPAIR AND POP-TESTING. DISASSEMBLE THE INTAKE AND EXHAUST VALVE ROCKER ARM ASSEMBLIES. INSPECT ROCKER ARMS AND REPLACE THOSE FOUND DAMAGED OR BEYOND WEAR LIMITS. REMOVE, DISASSEMBLE, INSPECT, REFURBISH AND REASSEMBLE THE INTAKE, EXHAUST AND SAFETY VALVE ASSEMBLIES IAW TECH MANUAL. REMOVE, DISASSEMBLE, INSPECT, REFURBISH AND REASSEMBLE THE AIR START CHECK VALVE(S) FOR THE RIGHT BANK CYLINDER HEADS IAW TECH MANUAL. INSPECT AND RECONDITION THE CYLINDER HEAD PER TECH MANUAL. REINSTALL THE CYLINDER HEAD AND VALVE ASSEMBLIES. REINSTALL INJECTION NOZZLE AND PIPING. INSTALL ROCKER ARM ASSEMBLIES AND SET VALVE LASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** Q-23313-2 / PRPLN DSL ENG - RPR

**MJC:** EXECQ065

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 11,700

**ManDays:** 260

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR MAIN PROPULSION DIESEL ENGINE (MPDE) PER DIESEL ENGINE INSPECTION REPORT. DISASSEMBLE THE MPDE TO THE EXTENT NECESSARY TO ACCOMPLISH DESIGNATED REPAIRS. ON COMPLETION OF REPAIRS, REASSEMBLE ENGINE, ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND REDUCTION GEAR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE ____ MANDAYS OF LABOR AND _____ DOLLARS OF MATERIAL FOR REPAIRS. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.

**Task/Abbreviation:** Q-23313-3 / ELECTRO/MECH-HYDR GOV-RPR

**MJC:** EXECQA28

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 360

**ManDays:** 8

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH AUTHORIZED REPAIRS TO ELECTRO/MECHANICAL- HYDRAULIC SPEED GOVERNOR SYSTEM OF THE PROPULSION DIESEL ENGINE PER CONDITION ASSESSMENT AND/OR FTSC/OEM RECOMMENDATIONS. DISCONNECT GOVERNOR LINKAGE, TUBE FITTINGS, ELECTRICAL WIRING AND MOUNTING FLANGE. SHIP TO QUALIFIED MAINTENANCE FACILITY FOR TEST STAND EVALUATION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, ASSEMBLE COMPONENTS USING NEW GASKETS, O-RINGS, RETAINING RINGS AND SEALS AND ENSURE OIL PASSAGES ARE FREE FROM FOREIGN MATTER. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY POST REPAIRS TEST STAND TEST. REINSTALL GOVERNOR AND CONNECT MOUNTING FLANGE, TUBE FITTINGS, ELECTRICAL WIRING AND LINKAGE. PROVIDE TECHNICAL REPRESENTATIVE FOR IN PLACE ACCOMPLISHMENT OF SPEED REGULATION ADJUSTMENT AND A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** Q-23313-5 / PRPLN DSL ENG FW CLR - RPR

**MJC:** EXECQA40

**Rev Date:** 03/29/2001

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

**Task/Abbreviation:** Q-23313-6 / PRPLN DSL ENG AFTCLR - RPR

**MJC:** EXECQA46

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH THE FOLLOWING REPAIRS TO THE AFTERCOOLERS (COMBUSTION AIR) OF THE PROPULSION DIESEL ENGINE PER CONDITION ASSESSMENT RECOMMENDATIONS & AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE WATER BOXES FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE COOLER TUBES. B. REPLACE COOLER ZINCS. C. REMOVE COMBUSTION AIR AFTERCOOLER TO SHOP FOR REPAIRS.

**Task/Abbreviation:** Q-23313-10 / ATCHD JKT WTR PMP - RPR

**MJC:** EXECQA70

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE JACKET WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. F. REPLACE THE JACKET WATER PUMP ASSEMBLY. |

**Task/Abbreviation:** Q-23313-11 / ATCHD SW PMP - RPR

**MJC:** EXECQA76

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** 0

**Qty:** 0

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 0

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE SEA WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. F. REPLACE THE SEA WATER PUMP ASSEMBLY.

**Task/Abbreviation:** I-23313-38 / PRPLN DSL ENG - INSP/OP TST **MJC:** EXECM056 **Rev Date:** 01/30/2004

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit **Freq:** 21 **Equip/Task:** 1 **Matl Cost:** **ManDays:** 3

**Referenced Authority:**

JOINT FLEET MAINTENANCE MANUAL INST 4790.3 VOLUME 4 PARA 7.3

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | ACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE PROPULSION DIESEL ENGINE IN ACCORDANCE WITH THE TYPE COMMANDER MAINTENANCE MANUAL. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. TO INCLUDE: A. ALARM AND SAFETY DEVICES. B. GOVERNOR SYSTEM, SPEED. C. LOAD TESTS (OPERATIONAL-SINGLE AND PARALLEL MODES). D. SYNCHRONIZING DEVICE SYSTEM. |

**Task/Abbreviation:** Z-23313-39 / PRPLN ENG FDN BOLTS - TORQUE **MJC:** EXECZ035 **Rev Date:** 08/26/1998

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 12 **Equip/Task:** 1 **Matl Cost:** 10 **ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 1 AND 2 | TBD | INSPECT AND TORQUE THE PROPULSION DIESEL ENGINE FOUNDATION BOLTS IN ACCORDANCE WITH MIP 2331/005-B0, MRC 41 8RCV N. |

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 3 THROUGH 14 | TBD | TORQUE THE PROPULSION DIESEL ENGINE FOUNDATION BOLTS IN ACCORDANCE WITH MIP 2331/008-11, MRC B5 8HJB N. |

**Task/Abbreviation:** Z-23313-41 / EXH TEMP THERMOCOUPLE-CLN/INSP **MJC:** EXECZ043 **Rev Date:** 02/03/1999

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** X **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 0 **Equip/Task:** X **Matl Cost:** 250 **ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

MCM 3 THROUGH 14

**Problem Description:**

TBD

**Recommended Solution:**

CLEAN AND INSPECT PROPULSION DIESEL ENGINE EXHAUST TEMPERATURE THERMOCOUPLES IN ACCORDANCE WITH MIP 2331/008-11, MRC C8 8HJC N.

**Task/Abbreviation:** Z-23313-42 / PRPLN ENG FUEL INJ NOZ - TST

**MJC:** EXECZ045

**Rev Date:** 02/03/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 24

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 6

**Matl Cost:** 50

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

MCM 3 THROUGH 14

**Problem Description:**

TBD

**Recommended Solution:**

TEST THE MAIN PROPULSION DIESEL ENGINE FUEL INJECTION NOZZLES IN ACCORDANCE WITH MIP 2331/008-11, MRC A0 8TYZ Y.

**Task/Abbreviation:** Z-23313-43 / PRPLN ENG CYL - BORESCOPE INSP

**MJC:** EXECZ047

**Rev Date:** 02/03/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 50

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

MCM 3 THROUGH 14

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT THE MAIN PROPULSION DIESEL ENGINE CYLINDER WITH BORESCOPE IN ACCORDANCE WITH MIP 2331/008-11, MRC A0 8TYZ Y.

**Task/Abbreviation:** Z-23313-45 / PRPLN ENG -PREP FOR INACTIVITY **MJC:** EXECZ052 **Rev Date:** 02/08/1999

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 200 **ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 1 AND 2 | TBD | PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR INACTIVITY IN ACCORDANCE WITH MIP 2331/005-B0 MRC C8 8CRY N. |

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 3 THROUGH 14 | TBD | PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR INACTIVITY IN ACCORDANCE WITH MIP 2331/008-11 MRC 47 8HJL N. |

**Task/Abbreviation:** Z-23313-46 / PRPLN ENG - PREP FOR OPN

**MJC:** EXECZ053

**Rev Date:** 02/03/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 200

**ManDays:** 4

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 1 AND 2 | TBD | PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR OPERATION IN ACCORDANCE WITH MIP 2331/005-B0 MRC C8 8CRZ N. |

**Task/Abbreviation:** I-23313-58 / POST DSL ENG OVHL INSP- ACCOMP **MJC:** EXECIK20 **Rev Date:** 09/26/2000

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 150 **ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

WHEN SIGNIFICANT MAINTENANCE HAS BEEN COMPLETED OR AN ENGINE OVERHAUL PERFORMED, A POST-ENGINE OVERHAUL/REPAIR INSPECTION SHALL BE CONDUCTED BY THE TYPE COMMANDER DIESEL ENGINE INSPECTOR PRIOR TO CONTINUOUS OPERATION. ACCOMPLISH POST DIESEL ENGINE OVERHAUL INSPECTION AS FOLLOWS: A. NOTIFY THE NSA TEN WORK DAYS PRIOR TO START UP OF ENGINE. B. REMOVE COMPONENTS FROM THE ENGINE AS DIRECTED BY THE DIESEL ENGINE INSPECTOR. C. ASSIST THE DIESEL ENGINE INSPECTOR IN TAKING CRANKSHAFT DEFLECTION AND THRUST READINGS. (NOTE: USE SMWG TEMPLATE #233-50 FOR GUIDANCE.)

**Task/Abbreviation:** Z-23313-59 / PRPLN DENG PRFM TST - CNDCT **MJC:** EXECZ099 **Rev Date:** 09/06/2001

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 12 **Equip/Task:** 1 **Matl Cost:** **ManDays:** 2

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | CONDUCT MAIN PROPULSION DIESEL ENGINE PERFORMANCE TEST IN ACCORDANCE WITH MIP 2331/005-B0, MRC A0 8TWG N (APPLICABLE TO MCM 1 AND 2 ONLY). |

**Task/Abbreviation:** Z-23313-60 / PRPLN DSL ENG FUEL INJ - TST

**MJC:** EXECZ100

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 48

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 48

**Equip/Task:** 12

**Matl Cost:** 50

**ManDays:** 2

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | TEST PROPULSION DIESEL ENGINE FUEL INJECTORS IN ACCORDANCE WITH MIP 2331/005-B0, MRC C8 8CRU Y (APPLICABLE TO MCM 1 AND 2 ONLY) |

**Task/Abbreviation:** Z-23313-61 / PRPLN ENG FW PUMP - RMV & DEL **MJC:** EXECZ101 **Rev Date:** 09/13/2001

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 50 **ManDays:** 1

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE & DELIVER PROPULSION DIESEL ENGINE FRESHWATER PUMP TO REPAIR ACTIVITY FOR OVERHAUL. RECEIVE OVERHAULED FRESHWATER PUMP FROM REPAIR ACTIVITY AND REINSTALL. ACCOMPLISH THE ABOVE WORK IN ACCORDANCE WITH MIP 2331/005-B0, MRC C8 8CRW Y. |

**Task/Abbreviation:** Z-23313-62 / PRPLN ENG SW PMP - RMV & DEL **MJC:** EXECZ102 **Rev Date:** 09/13/2001

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 50 **ManDays:** 1

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE & DELIVER PROPULSION DIESEL ENGINE SEAWATER PUMP TO REPAIR ACTIVITY FOR OVERHAUL. RECEIVE OVERHAULED SEAWATER PUMP FROM REPAIR ACTIVITY AND REINSTALL. ACCOMPLISH THE ABOVE WORK IN ACCORDANCE WITH MIP 2331/005-B0, MRC 56 8CRX Y. |

**Task/Abbreviation:** Z-23313-63 / DENG OIL PRESS REG VLV - REPL

**MJC:** EXECZ103

**Rev Date:** 09/18/2001

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:** 250

**ManDays:** 1

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPLACE PROPULSION DIESEL ENGINE OIL PRESSURE REGULATOR VALVE IN ACCORDANCE WITH MIP 2331/008-11, MRC C8 8VZG Y (MCM 3 THROUGH 14 ONLY). |

**Task/Abbreviation:** J-23313-64 / PRPLN DSL ENG FW CLR-PLUG TB **MJC:** EXECJ481 **Rev Date:** 07/13/2004

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:**

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 675 **ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-23313-65 / PRPLN DSL FW CLR - REPL BUNDLE

**MJC:** EXECJ485

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-23313-66 / PRPLN DSL ENG FW CLR-REPL TB

**MJC:** EXECJ489

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-23313-67 / PRPLN DSL FW CLR - REPL ZINCS

**MJC:** EXECJ493

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-23313-68 / PRPLN DSL FW CLR - REROLL TB

**MJC:** EXECJ497

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-23313-69 / PRPLN DSL FW CLR - RPR TB SH

**MJC:** EXECJ501

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-23313-70 / PRPLN DSL FW CLR-RPR TB SPRTS

**MJC:** EXECJ505

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-23313-78 / ATCHD JKT WTR PMP - RPR

**MJC:** EXECJJ31

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE, OPEN, CLEAN AND INSPECT THE JACKET WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE JACKET WATER PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS. |

**Task/Abbreviation:** J-23313-79 / ATCHD JKT WTR PMP - REPL

**MJC:** EXECJJ32

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE JACKET WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-23313-80 / ATCHD SW WTR PMP - RPR

**MJC:** EXECJJ33

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 0

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 0

**Matl Cost:**

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE, OPEN, CLEAN AND INSPECT THE SEA WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE SEA WATER PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

**Task/Abbreviation:** J-23313-81 / ATCHD SW WTR PMP - REPL

**MJC:** EXECJJ34

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 0

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 0

**Matl Cost:**

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE SEA WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-23313-84 / PRPLN DSL ENG CYL HEADS - RPR

**MJC:** EXECJQ55

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 11,700

**ManDays:** 260

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR MPDE CYLINDER HEAD(S) FOR THE COLT PIELSTICK ENGINE. REMOVE NUMBER ___ CYLINDER HEAD(S) IAW TECH MANUAL. REMOVE INJECTION NOZZLES FOR TIP REPLACEMENT, REPAIR AND POP-TESTING. DISASSEMBLE THE INTAKE AND EXHAUST VALVE ROCKER ARM ASSEMBLIES. INSPECT ROCKER ARMS AND REPLACE THOSE FOUND DAMAGED OR BEYOND WEAR LIMITS. REMOVE, DISASSEMBLE, INSPECT, REFURBISH AND REASSEMBLE THE INTAKE, EXHAUST AND SAFETY VALVE ASSEMBLIES IAW TECH MANUAL. REMOVE, DISASSEMBLE, INSPECT, REFURBISH AND REASSEMBLE THE AIR START CHECK VALVE(S) FOR THE RIGHT BANK CYLINDER HEADS IAW TECH MANUAL. INSPECT AND RECONDITION THE CYLINDER HEAD PER TECH MANUAL. REINSTALL THE CYLINDER HEAD AND VALVE ASSEMBLIES. REINSTALL INJECTION NOZZLE AND PIPING. INSTALL ROCKER ARM ASSEMBLIES AND SET VALVE LASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** Q-23314-2 / PRPLN DSL ENG - RPR

**MJC:** EXECQ066

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 11,700

**ManDays:** 260

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR MAIN PROPULSION DIESEL ENGINE (MPDE) PER DIESEL ENGINE INSPECTION REPORT. DISASSEMBLE THE MPDE TO THE EXTENT NECESSARY TO ACCOMPLISH DESIGNATED REPAIRS. ON COMPLETION OF REPAIRS, REASSEMBLE ENGINE, ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND REDUCTION GEAR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE ____ MANDAYS OF LABOR AND _____ DOLLARS OF MATERIAL FOR REPAIRS. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.

**Task/Abbreviation:** Q-23314-3 / ELECTRO/MECH-HYDR GOV-RPR

**MJC:** EXECQA29

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 360

**ManDays:** 8

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH AUTHORIZED REPAIRS TO ELECTRO/MECHANICAL- HYDRAULIC SPEED GOVERNOR SYSTEM OF THE PROPULSION DIESEL ENGINE PER CONDITION ASSESSMENT AND/OR FTSC/OEM RECOMMENDATIONS. DISCONNECT GOVERNOR LINKAGE, TUBE FITTINGS, ELECTRICAL WIRING AND MOUNTING FLANGE. SHIP TO QUALIFIED MAINTENANCE FACILITY FOR TEST STAND EVALUATION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, ASSEMBLE COMPONENTS USING NEW GASKETS, O-RINGS, RETAINING RINGS AND SEALS AND ENSURE OIL PASSAGES ARE FREE FROM FOREIGN MATTER. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY POST REPAIRS TEST STAND TEST. REINSTALL GOVERNOR AND CONNECT MOUNTING FLANGE, TUBE FITTINGS, ELECTRICAL WIRING AND LINKAGE. PROVIDE TECHNICAL REPRESENTATIVE FOR IN PLACE ACCOMPLISHMENT OF SPEED REGULATION ADJUSTMENT AND A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** Q-23314-5 / PRPLN DSL ENG FW CLR - RPR

**MJC:** EXECQA41

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

**Task/Abbreviation:** Q-23314-6 / PRPLN DSL ENG AFTCLR - RPR

**MJC:** EXECQA47

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH THE FOLLOWING REPAIRS TO THE AFTERCOOLER (COMBUSTION AIR) OF THE PROPULSION DIESEL ENGINE PER CONDITION ASSESSMENT RECOMMENDATIONS & AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE WATER BOXES FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. A. REPLACE COOLER TUBES. B. REPLACE COOLER ZINCS. C. REMOVE COMBUSTION AIR AFTERCOOLER TO SHOP FOR REPAIRS.

**Task/Abbreviation:** Q-23314-10 / ATCHD JKT WTR PMP - RPR

**MJC:** EXECQA71

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE JACKET WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. F. REPLACE THE JACKET WATER PUMP ASSEMBLY. |

**Task/Abbreviation:** Q-23314-11 / ATCHD SW PMP - RPR

**MJC:** EXECQA77

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE SEA WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. F. REPLACE THE SEA WATER PUMP ASSEMBLY. |

**Task/Abbreviation:** I-23314-38 / PRPLN DSL ENG - INSP/OP TST

**MJC:** EXECM060

**Rev Date:** 01/30/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

JOINT FLEET MAINTENANCE MANUAL INST 4790.3 VOLUME 4 PARA 7.3

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE PROPULSION DIESEL ENGINE IN ACCORDANCE WITH THE TYPE COMMANDER MAINTENANCE MANUAL. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. TO INCLUDE: A. ALARM AND SAFETY DEVICES. B. GOVERNOR SYSTEM, SPEED. C. LOAD TESTS (OPERATIONAL-SINGLE AND PARALLEL MODES). D. SYNCHRONIZING DEVICE SYSTEM.

**Task/Abbreviation:** Z-23314-39 / PRPLN ENG FDN BOLTS - TORQUE **MJC:** EXECZ036 **Rev Date:** 12/22/1998

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 12 **Equip/Task:** 1 **Matl Cost:** 10 **ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 1 AND 2 | TBD | INSPECT AND TORQUE THE PROPULSION DIESEL ENGINE FOUNDATION BOLTS IN ACCORDANCE WITH MIP 2331/005-B0, MRC 41 8RCV N. |

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 3 THROUGH 14 | TBD | TORQUE THE PROPULSION DIESEL ENGINE FOUNDATION BOLTS IN ACCORDANCE WITH MIP 2331/008-11, MRC B5 8HJB N. |

**Task/Abbreviation:** Z-23314-41 / EXH TEMP THERMOCOUPLE-CLN/INSP **MJC:** EXECZ043 **Rev Date:** 02/03/1999

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 0 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 0 **Equip/Task:** X **Matl Cost:** 250 **ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

MCM 3 THROUGH 14

**Problem Description:**

TBD

**Recommended Solution:**

CLEAN AND INSPECT PROPULSION DIESEL ENGINE EXHAUST TEMPERATURE THERMOCOUPLES IN ACCORDANCE WITH MIP 2331/008-11, MRC C8 8HJC N.

**Task/Abbreviation:** Z-23314-42 / PRPLN ENG FUEL INJ NOZ - TST

**MJC:** EXECZ045

**Rev Date:** 02/03/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 24

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 0

**Equip/Task:** 6

**Matl Cost:** 50

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

MCM 3 THROUGH 14

**Problem Description:**

TBD

**Recommended Solution:**

TEST THE MAIN PROPULSION DIESEL ENGINE FUEL INJECTION NOZZLES IN ACCORDANCE WITH MIP 2331/008-11, MRC A0 8TYZ Y.

**Task/Abbreviation:** Z-23314-43 / PRPLN ENG CYL - BORESCOPE INSP **MJC:** EXECZ047 **Rev Date:** 02/03/1999

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 50 **ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT THE MAIN PROPULSION DIESEL ENGINE CYLINDER WITH BORESCOPE. |

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 3 THROUGH 14 | TBD | INSPECT THE MAIN PROPULSION DIESEL ENGINE CYLINDER WITH BORESCOPE IN ACCORDANCE WITH MIP 2331/008-11, MRC A0 8TYZ Y. |

**Task/Abbreviation:** Z-23314-45 / PRPLN ENG -PREP FOR INACTIVITY **MJC:** EXECZ052 **Rev Date:** 02/08/1999

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 200 **ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 1 AND 2 | TBD | PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR INACTIVITY IN ACCORDANCE WITH MIP 2331/005-B0 MRC C8 8CRY N. |

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 3 THROUGH 14 | TBD | PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR INACTIVITY IN ACCORDANCE WITH MIP 2331/008-11 MRC 47 8HJL N. |

**Task/Abbreviation:** Z-23314-46 / PRPLN ENG - PREP FOR OPN

**MJC:** EXECZ053

**Rev Date:** 02/03/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 200

**ManDays:** 4

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 1 AND 2 | TBD | PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR OPERATION IN ACCORDANCE WITH MIP 2331/005-B0 MRC C8 8CRZ N. |

**Task/Abbreviation:** I-23314-58 / POST DSL ENG OVHL INSP- ACCOMP **MJC:** EXECIK21 **Rev Date:** 09/26/2000

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 150 **ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

WHEN SIGNIFICANT MAINTENANCE HAS BEEN COMPLETED OR AN ENGINE OVERHAUL PERFORMED, A POST-ENGINE OVERHAUL/REPAIR INSPECTION SHALL BE CONDUCTED BY THE TYPE COMMANDER DIESEL ENGINE INSPECTOR PRIOR TO CONTINUOUS OPERATION. ACCOMPLISH POST DIESEL ENGINE OVERHAUL INSPECTION AS FOLLOWS: A. NOTIFY THE NSA TEN WORK DAYS PRIOR TO START UP OF ENGINE. B. REMOVE COMPONENTS FROM THE ENGINE AS DIRECTED BY THE DIESEL ENGINE INSPECTOR. C. ASSIST THE DIESEL ENGINE INSPECTOR IN TAKING CRANKSHAFT DEFLECTION AND THRUST READINGS. (NOTE: USE SMWG TEMPLATE #233-50 FOR GUIDANCE.)

**Task/Abbreviation:** Z-23314-59 / PRPLN DENG PRFM TST - CNDCT **MJC:** EXECZ099 **Rev Date:** 09/06/2001

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 12 **Equip/Task:** 1 **Matl Cost:** **ManDays:** 2

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | CONDUCT MAIN PROPULSION DIESEL ENGINE PERFORMANCE TEST IN ACCORDANCE WITH MIP 2331/005-B0, MRC A0 8TWG N (APPLICABLE TO MCM 1 AND 2 ONLY). |

**Task/Abbreviation:** Z-23314-60 / PRPLN DSL ENG FUEL INJ - TST

**MJC:** EXECZ100

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 48

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 48

**Equip/Task:** 12

**Matl Cost:** 50

**ManDays:** 2

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | TEST PROPULSION DIESEL ENGINE FUEL INJECTORS IN ACCORDANCE WITH MIP 2331/005-B0, MRC C8 8CRU Y (APPLICABLE TO MCM 1 AND 2 ONLY) |

**Task/Abbreviation:** Z-23314-61 / PRPLN ENG FW PUMP - RMV & DEL **MJC:** EXECZ101 **Rev Date:** 09/13/2001

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 50 **ManDays:** 1

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE & DELIVER PROPULSION DIESEL ENGINE FRESHWATER PUMP TO REPAIR ACTIVITY FOR OVERHAUL. RECEIVE OVERHAULED FRESHWATER PUMP FROM REPAIR ACTIVITY AND REINSTALL. ACCOMPLISH THE ABOVE WORK IN ACCORDANCE WITH MIP 2331/005-B0, MRC C8 8CRW Y. |

**Task/Abbreviation:** Z-23314-62 / PRPLN ENG SW PMP - RMV & DEL **MJC:** EXECZ102 **Rev Date:** 09/13/2001

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 50 **ManDays:** 1

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE & DELIVER PROPULSION DIESEL ENGINE SEAWATER PUMP TO REPAIR ACTIVITY FOR OVERHAUL. RECEIVE OVERHAULED SEAWATER PUMP FROM REPAIR ACTIVITY AND REINSTALL. ACCOMPLISH THE ABOVE WORK IN ACCORDANCE WITH MIP 2331/005-B0, MRC 56 8CRX Y. |

**Task/Abbreviation:** Z-23314-63 / DENG OIL PRESS REG VLV - REPL

**MJC:** EXECZ103

**Rev Date:** 09/18/2001

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:** 250

**ManDays:** 1

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPLACE PROPULSION DIESEL ENGINE OIL PRESSURE REGULATOR VALVE IN ACCORDANCE WITH MIP 2331/008-11, MRC C8 8VZG Y (MCM 3 THROUGH 14 ONLY). |

**Task/Abbreviation:** J-23314-64 / PRPLN DSL ENG FW CLR-PLUG TB **MJC:** EXECJ482 **Rev Date:** 07/13/2004

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 4 **Matl Forecast:**

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 675 **ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-23314-65 / PRPLN DSL FW CLR - REPL BUNDLE

**MJC:** EXECJ486

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-23314-66 / PRPLN DSL ENG FW CLR-REPL TB

**MJC:** EXECJ490

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-23314-67 / PRPLN DSL FW CLR - REPL ZINCS

**MJC:** EXECJ494

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-23314-68 / PRPLN DSL FW CLR - REROLL TB

**MJC:** EXECJ498

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-23314-69 / PRPLN DSL FW CLR - RPR TB SH

**MJC:** EXECJ502

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-23314-70 / PRPLN DSL FW CLR-RPR TB SPRTS

**MJC:** EXECJ506

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-23314-78 / ATCHD JKT WTR PMP - RPR

**MJC:** EXECJJ37

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE, OPEN, CLEAN AND INSPECT THE JACKET WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE JACKET WATER PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS. |

**Task/Abbreviation:** J-23314-79 / ATCHD JKT WTR PMP - REPL

**MJC:** EXECJJ38

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE JACKET WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-23314-80 / ATCHD SW WTR PMP - RPR

**MJC:** EXECJJ39

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE, OPEN, CLEAN AND INSPECT THE SEA WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE SEA WATER PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

**Task/Abbreviation:** J-23314-81 / ATCHD SW WTR PMP - REPL

**MJC:** EXECJJ40

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPLACE THE SEA WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-23314-84 / PRPLN DSL ENG CYL HEADS - RPR

**MJC:** EXECJQ64

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 11,700

**ManDays:** 260

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR MPDE CYLINDER HEAD(S) FOR THE COLT PIELSTICK ENGINE. REMOVE NUMBER ___ CYLINDER HEAD(S) IAW TECH MANUAL. REMOVE INJECTION NOZZLES FOR TIP REPLACEMENT, REPAIR AND POP-TESTING. DISASSEMBLE THE INTAKE AND EXHAUST VALVE ROCKER ARM ASSEMBLIES. INSPECT ROCKER ARMS AND REPLACE THOSE FOUND DAMAGED OR BEYOND WEAR LIMITS. REMOVE, DISASSEMBLE, INSPECT, REFURBISH AND REASSEMBLE THE INTAKE, EXHAUST AND SAFETY VALVE ASSEMBLIES IAW TECH MANUAL. REMOVE, DISASSEMBLE, INSPECT, REFURBISH AND REASSEMBLE THE AIR START CHECK VALVE(S) FOR THE RIGHT BANK CYLINDER HEADS IAW TECH MANUAL. INSPECT AND RECONDITION THE CYLINDER HEAD PER TECH MANUAL. REINSTALL THE CYLINDER HEAD AND VALVE ASSEMBLIES. REINSTALL INJECTION NOZZLE AND PIPING. INSTALL ROCKER ARM ASSEMBLIES AND SET VALVE LASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** I-23711-7 / LIGHT LD MOT - INSP/TST

**MJC:** EXECI300

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE LIGHT LOAD PROPULSION ELECTRIC MOTOR AND THE SILICON-CONTROLLED RECTIFIER (SCR) MOTOR DRIVE. TO INCLUDE ACCOMPLISHMENT OF AN INSULATION RESISTANCE TEST OF FIELD AND ROTOR WINDINGS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP.

**Task/Abbreviation:** Q-23711-8 / LIGHT LD MOT - RPR

**MJC:** EXECQE28

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,025

**ManDays:** 45

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH REPAIRS TO THE LIGHT LOAD PROPULSION ELECTRIC MOTOR PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP, AND ACCOMPLISH ONE OF THE FOLLOWING: A. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-23711-14 / LIGHT LD MOT-RWND

**MJC:** EXECJC12

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,025

**ManDays:** 45

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REWIND THE LIGHT LOAD PROPULSION ELECTRIC MOTOR IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-23711-15 / LIGHT LD MOT-RPR

**MJC:** EXECJC13

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,025

**ManDays:** 45

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

RECONDITION THE LIGHT LOAD PROPULSION ELECTRIC MOTOR IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-23711-16 / LIGHT LD MOT BRG-REPL

**MJC:** EXECJC14

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,025

**ManDays:** 45

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE LIGHT LOAD PROPULSION ELECTRIC MOTOR. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** I-24111-1 / PRPLN RDCN GR - INSP

**MJC:** EXECIJ29

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH A PRE-AVAILABILITY VIBRATION ANALYSIS SURVEY OF THE PROPULSION REDUCTION GEAR UNIT. REMOVE THE OIL, CLEAN AND GAS-FREE THE SUMP. ACCOMPLISH A VISUAL INTERNAL INSPECTION OF THE SUMP. RECORD ANY FOUNDATION INDICATIONS OR DISCONTINUITIES NOTED. FILL SUMP WITH LUBE OIL AND ACCOMPLISH A VISUAL EXAMINATION OF THE GEAR TEETH. IF MISALIGNMENT IS INDICATED, CONDUCT AN OPERATIONAL INSPECTION USING THE DYKEM APPLICATION METHOD. SUBMIT A REPORT OF CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH A NON-DESTRUCTIVE TEST IF STRUCTURAL MEMBER WELDING DISCONTINUITIES ARE SUSPECTED OR NOTED. REFILL WITH OIL. NOTES: 1. SHIP'S FORCE TO EMPTY, CLEAN AND REFILL SUMP. 2. FTSC TO SUPPLY HISTORICAL VIBRATION DATA. 3. FTSC TO INSPECT GEAR TEETH CONTACT (VISUAL AND DYKEM METHOD ). 4. TO INCLUDE VISUAL INSPECTION OF RESILIENT MOUNTS, IF INSTALLED.

**Task/Abbreviation:** Q-24111-2 / PRPLN RDCN GR RESIL MT - REPL

**MJC:** EXECQ075

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 42

**Equip/Task:** 1

**Matl Cost:** 500

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE PROPULSION REDUCTION GEAR RESILIENT MOUNTS IN ACCORDANCE WITH APPLICABLE TECHNICAL MANUAL.

**Task/Abbreviation:** Q-24111-4 / PRPLN RDCN GR - RPR

**MJC:** EXECQ077

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,250

**ManDays:** 50

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE UPPER-HALF COVERS OF THE PROPULSION REDUCTION GEAR FOR EXAMINATION. ACCOMPLISH GEAR TEETH BLUE CONTACT CHECK. CLEAN LUBE OIL SUMP. MEASURE OIL DEFLECTOR, JOURNAL AND THRUST BEARING CLEARANCES. SUBMIT A REPORT OF CONDITIONS FOUND TO THE NSA. ACCOMPLISH REPAIRS AS DESIGNATED. PROVIDE _____ MANDAYS AND _____ DOLLARS OF MATERIAL FOR REPAIRS. ON COMPLETION OF REPAIRS, REINSTALL COMPONENTS AND REPLACE UNSERVICEABLE FASTENERS. REFILL LUBE OIL SUMP. PROVIDE FINAL ALIGN DATA AND ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE 1. FOLLOW PHYSICAL SECURITY REQUIREMENTS AS NOTED IN NSTM CHAPTER 241. 2. PROVIDE THE SERVICES OF A MANUFACTURER?S TECHNICAL REPRESENTATIVE.

**Task/Abbreviation:** I-24111-5 / PRPLN PED BRG - INSP/RPR

**MJC:** EXECI251

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 135

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT THE PEDESTAL BEARING OF THE PROPULSION REDUCTION GEAR. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH AUTHORIZED REPAIRS OR REPLACE PEDESTAL BEARING PER CONDITION ASSESSMENT RECOMMENDATIONS.

**Task/Abbreviation:** Q-24111-6 / ATCHD TURN GR - INSP/RPR/TST

**MJC:** EXECQ286

**Rev Date:** 12/11/2002

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 360

**ManDays:** 8

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE AND INSPECT THE ATTACHED TURNING GEAR OF THE PROPULSION REDUCTION GEAR. MEASURE AND RECORD AS-FOUND DIMENSIONS, CLEARANCES AND RUNOUTS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ASSEMBLE THE UNIT USING NEW GASKETS, KEYS AND SEALS. MEASURE AND RECORD POST-REPAIR DIMENSIONS, CLEARANCES AND RUNOUTS. ACCOMP A SATISFACTORY OPERATIONAL TEST. A. REPLACE DRIVING RING. B. REPLACE WORM GEAR, 1ST REDUCTION. C. REPLACE WORM, 1ST REDUCTION. D. REPLACE BEARING(S). 1ST REDUCTION WORM SHAFT. E. REPLACE WORM GEAR, 2ND REDUCTION. F. REPLACE WORM, 2ND REDUCTION. G. REPLACE BEARING(S), 2ND REDUCTION WORM SHAFT. H. RESURFACE AND MACHINE WORM SHAFT, 1ST REDUCTION. I. RESURFACE AND MACHINE WORM SHAFT, 2ND REDUCTION.

**Task/Abbreviation:** Q-24111-7 / PRPLN RDCN GR - OIL FLUSH

**MJC:** EXECQE36

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH AN OIL FLUSH OF THE PROPULSION REDUCTION GEAR AFTER DISCONNECTING, CLEANING AND PICKLING THE EXTERNAL LUBE OIL PIPING, INCLUDING THE OIL SPRAY NOZZLES. ENSURE THAT OIL SUMP IS CLEAN AND FREE FROM FOREIGN MATTER. REASSEMBLE ALL BEARINGS, BEARING HOUSINGS AND UPPER-HALF COVERS. USE A FULL-CAPACITY OIL PUMP AND BY-PASS BEARINGS. FLUSH THROUGH ONE BEARING OUTLET AT A TIME ENSURING MAXIMUM FLOW AND PRESSURE DROP AND UNTIL OIL CONDITION PROVES TO BE FREE FROM FOREIGN MATTER. CLEAN LUBE OIL SUMP (POST-FLUSHING). FLUSH THROUGH INSTALLED FILTER SYSTEM UNTIL VISUAL AND DELTA PRESSURE READINGS ARE ACCEPTABLE. ENSURE THAT NO FOREIGN MATTER IS PRESENT WITHIN SYSTEM BEFORE LOADING UNIT.

**Task/Abbreviation:** J-24111-34 / MRG THRUST BRG - RPR

**MJC:** EXECJH75

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,250

**ManDays:** 50

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE PROPULSION REDUCTION GEAR MAIN THRUST BEARING ASSEMBLY. REMOVE UPPER BEARING HOUSING COVER. ACCOMPLISH AS-FOUND THRUST BEARING ASSEMBLY DIMENSIONS AND CLEARANCES. REPORT CONDITIONS FOUND TO THE NSA. DISASSEMBLE THE BEARING IN ACCORDANCE WITH THE APPLICABLE TECH MANUAL AND ACCOMPLISH THE FOLLOWING: REFINISH THRUST COLLAR IF DAMAGED. REPLACE THRUST BEARING SHOES IF NOT WITHIN SPECS. GRIND THRUST BEARING RETAINING RINGS AS REQUIRED. ON COMPLETION OF REPAIRS AND REASSEMBLY, ENSURE SATISFACTORY THRUST BEARING CLEARANCE. REINSTALL BEARING COVER ENSURING THAT ALL BEARING HOUSING AND BEARING FINISHED SURFACES ARE CLEAN. OPERATIONALLY TEST.

**Task/Abbreviation:** J-24111-35 / MN THRUST BRG OIL LEAK - RPR

**MJC:** EXECJH76

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,250

**ManDays:** 50

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR REDUCTION GEAR MAIN THRUST BEARING OIL LEAK. REMOVE UPPER BEARING HOUSING COVER. REMOVE OIL SEAL ASSEMBLY. CLEAN PARTS EXPOSED BY REMOVALS. INSTALL NEW OIL SEAL ASSEMBLY. REINSTALL BEARING COVER. OPERATIONALLY TEST.

**Task/Abbreviation:** J-24111-36 / PRPLN RDCN GR OIL LEAKS - RPR

**MJC:** EXECJH77

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,250

**ManDays:** 50

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR PROPULSION REDUCTION GEAR LUBE OIL LEAKS. REMOVE _____COVERS. INSPECT FOR DAMAGE, BLUE COVERS TO ENSURE THEY ARE NOT WARPED. MAKE REPAIRS AS REQUIRED. CLEAN THE SEALING SURFACES. REINSTALL COVERS WITH AN OIL RESISTANT GASKET. OPERATIONALLY TEST.

**Task/Abbreviation:** I-24112-1 / PRPLN RDCN GR - INSP

**MJC:** EXECIJ30

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH A PRE-AVAILABILITY VIBRATION ANALYSIS SURVEY OF THE PROPULSION REDUCTION GEAR UNIT. REMOVE THE OIL, CLEAN AND GAS-FREE THE SUMP. ACCOMPLISH A VISUAL INTERNAL INSPECTION OF THE SUMP. RECORD ANY FOUNDATION INDICATIONS OR DISCONTINUITIES NOTED. FILL SUMP WITH LUBE OIL AND ACCOMPLISH A VISUAL EXAMINATION OF THE GEAR TEETH. IF MISALIGNMENT IS INDICATED, CONDUCT AN OPERATIONAL INSPECTION USING THE DYKEM APPLICATION METHOD. SUBMIT A REPORT OF CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH A NON-DESTRUCTIVE TEST IF STRUCTURAL MEMBER WELDING DISCONTINUITIES ARE SUSPECTED OR NOTED. REFILL WITH OIL. NOTES: 1. SHIP'S FORCE TO EMPTY, CLEAN AND REFILL SUMP. 2. FTSC TO SUPPLY HISTORICAL VIBRATION DATA. 3. FTSC TO INSPECT GEAR TEETH CONTACT (VISAUL AND DYKEM METHOD). 4. TO INCLUDE VISUAL INSPECTION OF RESILIENT MOUNTS, IF INSTALLED.

**Task/Abbreviation:** Q-24112-2 / PRPLN RDCN GR RESIL MT - REPL

**MJC:** EXECQ078

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 42

**Equip/Task:** 1

**Matl Cost:** 500

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE PROPULSION REDUCTION GEAR RESILIENT MOUNTS IN ACCORDANCE WITH APPLICABLE TECHNICAL MANUAL.

**Task/Abbreviation:** Q-24112-4 / PRPLN RDCN GR - RPR

**MJC:** EXECQ080

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,250

**ManDays:** 50

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE UPPER-HALF COVERS OF THE PROPULSION REDUCTION GEAR FOR EXAMINATION. ACCOMPLISH GEAR TEETH BLUE CONTACT CHECK. CLEAN LUBE OIL SUMP. MEASURE OIL DEFLECTOR, JOURNAL AND THRUST BEARING CLEARANCES. SUBMIT A REPORT OF CONDITIONS FOUND TO THE NSA. ACCOMPLISH REPAIRS AS DESIGNATED. PROVIDE _____ MANDAYS AND _____ DOLLARS OF MATERIAL FOR REPAIRS. ON COMPLETION OF REPAIRS, REINSTALL COMPONENTS AND REPLACE UNSERVICEABLE FASTENERS. REFILL LUBE OIL SUMP. PROVIDE FINAL ALIGN DATA AND ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE 1. FOLLOW PHYSICAL SECURITY REQUIREMENTS AS NOTED IN NSTM CHAPTER 241. 2. PROVIDE THE SERVICES OF A MANUFACTURER?S TECHNICAL REPRESENTATIVE.

**Task/Abbreviation:** I-24112-5 / PRPLN PED BRG - INSP/RPR

**MJC:** EXECI252

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 135

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT THE PEDESTAL BEARING OF THE PROPULSION REDUCTION GEAR. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH AUTHORIZED REPAIRS OR REPLACE PEDESTAL BEARING PER CONDITION ASSESSMENT RECOMMENDATIONS.

**Task/Abbreviation:** Q-24112-6 / ATCHD TURN GR - INSP/RPR/TST **MJC:** EXECQ287 **Rev Date:** 12/11/2002

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 2 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 21 **Equip/Task:** 1 **Matl Cost:** 360 **ManDays:** 8

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE AND INSPECT THE ATTACHED TURNING GEAR OF THE PROPULSION REDUCTION GEAR. MEASURE AND RECORD AS-FOUND DIMENSIONS, CLEARANCES AND RUNOUTS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ASSEMBLE THE UNIT USING NEW GASKETS, KEYS AND SEALS. MEASURE AND RECORD POST-REPAIR DIMENSIONS, CLEARANCES AND RUNOUTS. ACCOMP A SATISFACTORY OPERATIONAL TEST. A. REPLACE DRIVING RING. B. REPLACE WORM GEAR, 1ST REDUCTION. C. REPLACE WORM, 1ST REDUCTION. D. REPLACE BEARING(S). 1ST REDUCTION WORM SHAFT. E. REPLACE WORM GEAR, 2ND REDUCTION. F. REPLACE WORM, 2ND REDUCTION. G. REPLACE BEARING(S), 2ND REDUCTION WORM SHAFT. H. RESURFACE AND MACHINE WORM SHAFT, 1ST REDUCTION. I. RESURFACE AND MACHINE WORM SHAFT, 2ND REDUCTION.

**Task/Abbreviation:** Q-24112-7 / PRPLN RDCN GR - OIL FLUSH

**MJC:** EXECQE37

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH AN OIL FLUSH OF THE PROPULSION REDUCTION GEAR AFTER DISCONNECTING, CLEANING AND PICKLING THE EXTERNAL LUBE OIL PIPING, INCLUDING THE OIL SPRAY NOZZLES. ENSURE THAT OIL SUMP IS CLEAN AND FREE FROM FOREIGN MATTER. REASSEMBLE ALL BEARINGS, BEARING HOUSINGS AND UPPER-HALF COVERS. USE A FULL-CAPACITY OIL PUMP AND BY-PASS BEARINGS. FLUSH THROUGH ONE BEARING OUTLET AT A TIME ENSURING MAXIMUM FLOW AND PRESSURE DROP AND UNTIL OIL CONDITION PROVES TO BE FREE FROM FOREIGN MATTER. CLEAN LUBE OIL SUMP (POST-FLUSHING). FLUSH THROUGH INSTALLED FILTER SYSTEM UNTIL VISUAL AND DELTA PRESSURE READINGS ARE ACCEPTABLE. ENSURE THAT NO FOREIGN MATTER IS PRESENT WITHIN SYSTEM BEFORE LOADING UNIT.

**Task/Abbreviation:** J-24112-33 / MRG THRUST BRG - RPR

**MJC:** EXECJH99

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,250

**ManDays:** 50

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE PROPULSION REDUCTION GEAR MAIN THRUST BEARING ASSEMBLY. REMOVE UPPER BEARING HOUSING COVER. ACCOMPLISH AS-FOUND THRUST BEARING ASSEMBLY DIMENSIONS AND CLEARANCES. REPORT CONDITIONS FOUND TO THE NSA. DISASSEMBLE THE BEARING IN ACCORDANCE WITH THE APPLICABLE TECH MANUAL AND ACCOMPLISH THE FOLLOWING: REFINISH THRUST COLLAR IF DAMAGED. REPLACE THRUST BEARING SHOES IF NOT WITHIN SPECS. GRIND THRUST BEARING RETAINING RINGS AS REQUIRED. ON COMPLETION OF REPAIRS AND REASSEMBLY, ENSURE SATISFACTORY THRUST BEARING CLEARANCE. REINSTALL BEARING COVER ENSURING THAT ALL BEARING HOUSING AND BEARING FINISHED SURFACES ARE CLEAN. OPERATIONALLY TEST.

**Task/Abbreviation:** J-24112-34 / MN THRUST BRG OIL LEAK - RPR

**MJC:** EXECJI00

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,250

**ManDays:** 50

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR REDUCTION GEAR MAIN THRUST BEARING OIL LEAK. REMOVE UPPER BEARING HOUSING COVER. REMOVE OIL SEAL ASSEMBLY. CLEAN PARTS EXPOSED BY REMOVALS. INSTALL NEW OIL SEAL ASSEMBLY. REINSTALL BEARING COVER. OPERATIONALLY TEST.

**Task/Abbreviation:** J-24112-35 / PRPLN RDCN GR OIL LEAKS - RPR

**MJC:** EXECJI01

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,250

**ManDays:** 50

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR PROPULSION REDUCTION GEAR LUBE OIL LEAKS. REMOVE _____COVERS. INSPECT FOR DAMAGE, BLUE COVERS TO ENSURE THEY ARE NOT WARPED. MAKE REPAIRS AS REQUIRED. CLEAN THE SEALING SURFACES. REINSTALL COVERS WITH AN OIL RESISTANT GASKET. OPERATIONALLY TEST.

**Task/Abbreviation:** K-24210-1 / SHIPALT MCM1-0044K ACCOMP

**MJC:** EXSAK245

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 137

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | NAVSEA AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-44K "PROPULSION SYSTEM IMPROVEMENTS" WHICH CORRECTS PROPULSION DRIVE TRAIN FAILURES BETWEEN MAIN ENGINES AND REDUCTION GEARS BY MODIFICATION OF WICHITA CLUTCHES. |

**Task/Abbreviation:** D-24210-2 / SHIPALT MCM1-0093D ACCOMP

**MJC:** EXSAD160

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 125

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-93D "PRIORITY AIR PRPLN ENG CLUTCH". |

**Task/Abbreviation:** I-24211-1 / RDCN GR FLEX CPLG - INSP/RPR

**MJC:** EXECI253

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 135

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT THE FLEXIBLE COUPLING (PROPULSION DSL ENG TO REDUCTION GEAR). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH AUTHORIZED REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS.

**Task/Abbreviation:** I-24211-2 / LIGHT LD FLEX CPLG - INSP/RPR

**MJC:** EXECI255

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 135

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT THE FLEXIBLE COUPLING (LIGHT LOAD PROPULSION ELECTRIC MOTOR TO REDUCTION GEAR). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH AUTHORIZED REPAIRS PER CONDITION ASSESSMENT RECOMENDATIONS.

**Task/Abbreviation:** I-24211-3 / SFT FLEX CPLG - INSP/RPR

**MJC:** EXECI257

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 135

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT THE PROPULSION SHAFT FLEXIBLE COUPLING (REDUCTION GEAR TO SOUND ISOLATION COUPLING). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH AUTHORIZED REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS.

**Task/Abbreviation:** I-24211-4 / SFT ISOLATION CPLG - INSP/RPR

**MJC:** EXECI259

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 135

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT THE PROPULSION SHAFT SOUND ISOLATION COUPLING (FLEXIBLE COUPLING TO THRUST SHAFT). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH AUTHORIZED REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS.

**Task/Abbreviation:** I-24211-5 / OKF-TYPE SFT CPLG - INSP/RPR

**MJC:** EXECI261

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 135

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT THE OKF-TYPE SHAFT COUPLING (THRUST SHAFT TO INTERMEDIATE SHAFT). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH AUTHORIZED REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS.

**Task/Abbreviation:** Q-24211-6 / PRPLN CLUTCHES - INSP/RPR

**MJC:** EXECQ263

**Rev Date:** 12/11/2002

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE PROPULSION CLUTCHES (PROPULSION ENGINE TO REDUCTION GEAR) FOR INSPECTION OF FRICTION SHOE ASSEMBLY AND AIR MANIFOLD HUB BEARING. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS AND REPLACE ROTORSEAL SEALS AND BEARINGS AND MISSING AND/OR UNSERVICEABLE FASTENERS. A. REPLACE DESIGNATED TORQUE BARS. B. REPLACE FRICTION BLOCK LINING. C. REPLACE BACKING PLATE. D. REPLACE RELEASE SPRINGS. E. REPLACE SYNCHRONIZING CLUTCH FRICTION PACK. F. RESURFACE AND HONE SYNCHRONIZING CLUTCH DENTAL CLUTCH ASSEMBLY CYLINDER. G. REPLACE SYNCHRONIZING CLUTCH DENTAL CLUTCH ASSY. H. REPLACE DESIGNATED SYNCHRONIZING CLUTCH GEAR(S). I. REPLACE SYNCHRONIZING CLUTCH SLEEVE. J. REPLACE SYNCHRONIZING CLUTCH HYDRAULIC BALANCE AND FRICTION RETURN PISTON.

**Task/Abbreviation:** I-24211-7 / BRAKE ASSY - INSP/RPR

**MJC:** EXECI265

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE BRAKE ASSEMBLY OF THE PROPULSION REDUCTION GEAR FOR INSPECTION OF FRICTION BLOCK LINING AND FRICTION SHOE ASSEMBLY. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. A. REPLACE DESIGNATED TORQUE BARS. B. REPLACE FRICTION BLOCK LINING. C. REPLACE BACKING PLATE. D. REPLACE RELEASE SPRINGS. E. REPLACE VALVE.

**Task/Abbreviation:** I-24212-1 / RDCN GR FLEX CPLG - INSP/RPR

**MJC:** EXECI254

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 135

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT THE FLEXIBLE COUPLING (PROPULSION DSL ENG TO REDUCTION GEAR). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH AUTHORIZED REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS.

**Task/Abbreviation:** I-24212-2 / LIGHT LD FLEX CPLG - INSP/RPR

**MJC:** EXECI256

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 135

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT THE FLEXIBLE COUPLING (LIGHT LOAD PROPULSION ELECTRIC MOTOR TO REDUCTION GEAR). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH AUTHORIZED REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS.

**Task/Abbreviation:** I-24212-3 / SFT FLEX CPLG - INSP/RPR

**MJC:** EXECI258

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 135

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT THE PROPULSION SHAFT FLEXIBLE COUPLING (REDUCTION GEAR TO SOUND ISOLATION COUPLING). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH AUTHORIZED REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS.

**Task/Abbreviation:** I-24212-4 / SFT ISOLATION CPLG - INSP/RPR

**MJC:** EXECI260

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 135

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT THE PROPULSION SHAFT SOUND ISOLATION COUPLING (FLEXIBLE COUPLING TO THRUST SHAFT). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH AUTHORIZED REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS.

**Task/Abbreviation:** I-24212-5 / OKF-TYPE SFT CPLG - INSP/RPR

**MJC:** EXECI262

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 135

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT THE OKF-TYPE SHAFT COUPLING (THRUST SHAFT TO INTERMEDIATE SHAFT). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH AUTHORIZED REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS.

**Task/Abbreviation:** Q-24212-6 / PRPLN CLUTCHES - INSP/RPR **MJC:** EXECQ264 **Rev Date:** 12/11/2002

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 2 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 21 **Equip/Task:** 1 **Matl Cost:** 900 **ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | DISASSEMBLE THE PROPULSION CLUTCHES (PROPULSION ENGINE TO REDUCTION GEAR) FOR INSPECTION OF FRICTION SHOE ASSEMBLY AND AIR MANIFOLD HUB BEARING. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS AND REPLACE ROTORSEAL SEALS AND BEARINGS AND MISSING AND/OR UNSERVICEABLE FASTENERS. A. REPLACE DESIGNATED TORQUE BARS. B. REPLACE FRICTION BLOCK LINING. C. REPLACE BACKING PLATE. D. REPLACE RELEASE SPRINGS. E. REPLACE SYNCHRONIZING CLUTCH FRICTION PACK. F. RESURFACE AND HONE SYNCHRONIZING CLUTCH DENTAL CLUTCH ASSEMBLY CYLINDER. G. REPLACE SYNCHRONIZING CLUTCH DENTAL CLUTCH ASSY. H. REPLACE DESIGNATED SYNCHRONIZING CLUTCH GEAR(S). I. REPLACE SYNCHRONIZING CLUTCH SLEEVE. J. REPLACE SYNCHRONIZING CLUTCH HYDRAULIC BALANCE AND FRICTION RETURN PISTON. |

**Task/Abbreviation:** I-24212-7 / BRAKE ASSY - INSP/RPR

**MJC:** EXECI266

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE BRAKE ASSEMBLY OF THE PROPULSION REDUCTION GEAR FOR INSPECTION OF FRICTION BLOCK LINING AND FRICTION SHOE ASSEMBLY. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. A. REPLACE DESIGNATED TORQUE BARS. B. REPLACE FRICTION BLOCK LINING. C. REPLACE BACKING PLATE. D. REPLACE RELEASE SPRINGS. E. REPLACE VALVE.

**Task/Abbreviation:** D-24310-2 / SHIPALT MCM1-0222D ACCOMP

**MJC:** EXSAD171

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 2

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-222D "MAIN SHAFT STERN TUBE SEAL REP". |

**Task/Abbreviation:** Q-24311-4 / PRPLN SFT SHOP (DD) - RPR

**MJC:** EXECQ082

**Rev Date:**

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 18,000

**ManDays:** 400

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE WATERBORNE SHAFTING AS FOLLOWS: REPAIR CRACKS AND PITS. SKIM-CUT AND DRESS LINERS, AND PROVIDE OVERSIZED BEARING STAVES. REPAIR SHAFT DETERIORATION IN WAY OF LINER. REMOVE AND REPLACE LINERS. REFACE COUPLING FLANGE FACES. MANUFACTURE AND FIT NEW COUPLING BOLTS. STRAIGHTEN SHAFT. REPAIR TAPERS AND KEYWAYS. MANUFACTURE AND FIT NEW KEYS. CHASE AND DRESS PROPELLER NUT THREADS. REPLACE FIBERGLASS WRAP. ACCOMPLISH POST-REPAIR MAGNETIC PARTICLE OR DYE PENETRANT TESTS. PROVIDE ____ MANDAYS AND ____ DOLLARS OF MATERIAL TO ACCOMPLISH REPAIRS NOT PREVIOUSLY IDENTIFIED. ON COMPLETION OF REPAIRS, ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: 1. ACCOMPLISH CONCURRENT WITH INSPECTION OF SHAFTING. 2. SUPSHIP UTILIZE SWI/SWT 243-02, OUTBOARD PROPULSION SHAFTING, BEARINGS AND SEALS, FOR GUIDANCE IN DEVELOPING THIS ITEM.

**Task/Abbreviation:** Q-24311-6 / STERN TB (DD) - INSP/RPR

**MJC:** EXECQA92 **Rev Date:** 07/13/2004

**Std Template:** **Sit Reqs:** D/D **Priority:** Highly Desirable **Qty:** 2 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 2,700 **ManDays:** 60

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND REPAIR THE STERN TUBE AND/OR STRUT. TO INCLUDE: A. REPAIR OF CRACKS AND EROSION EXCEEDING LISTED CRITERIA BY WELDING. B. ACCOMPLISHMENT OF POST-REPAIRS MAGNETIC PARTICLE OR DYE PENETRANT TESTS. C. REPLACEMENT OF INTERNAL ZINC ANODES. D. PRESERVE INTERIOR SURFACES OF THE STERN TUBE. E. PROVIDE ____ MANDAYS AND ____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. NOTE: USE SI 009-32 FOR GUIDANCE IN DEVELOPING SPEC. |

**Task/Abbreviation:** M-24311-12 / (M)MCM PRPLN SFT (DD)-RMV/INSP **MJC:** EXECMJ32 **Rev Date:** 05/31/2000

**Std Template:** **Sit Reqs:** D/D **Priority:** Mandatory **Qty:** 2 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 141 **Equip/Task:** 1 **Matl Cost:** 9,000 **ManDays:** 75

**Referenced Authority:**

NSTM CH-243, PARA. 243-1.1.4 NSTM CH-243, PARA. 243-1.1.7.1 NSTM CH-243, PARA. 243-1.1.7.2

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | NSTM REQUIREMENT DUE | UNSHIP WATERBORNE SHAFTING AND REMOVE TO SHOP. MEASURE SHAFT RUNOUTS. ACCOMPLISH A MAGNETIC PARTICLE TEST OR DYE PENETRANT CHECK OF ALL EXPOSED SHAFT AREAS AND KEYWAYS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, REINSTALL SHAFTING AND REFIT FAIRWATERS AND ROPE GUARDS USING NEW GASKETS, SEALING COMPOUND AND FASTENERS. NOTE: 1. REPAIRS COVERED UNDER TASK Q-24311-13. 2. ACCOMPLISH CONCURRENT WITH BEARING INSPECTION TASK M-24411-1. 3. SUPSHIP UTILIZE SWI/SWT 243-02, OUTBOARD PROPULSION SHAFTING, BEARINGS AND SEALS, FOR GUIDANCE IN DEVELOPING THIS ITEM. |

**Task/Abbreviation:** Q-24311-14 / MCM PRPLN SFT INPLACE (DD)-RPR **MJC:** EXECQK27 **Rev Date:** 05/31/2000

**Std Template:** **Sit Reqs:** D/D **Priority:** Highly Desirable **Qty:** 2 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 18,000 **ManDays:** 400

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH INPLACE THE FOLLOWING INPLACE REPAIRS AS APPLICABLE TO THE PROPULSION SHAFTING PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. A. CHASE AND DRESS PROPELLER NUT THREADS. B. REPLACE ZINC ANODES. C. PROVIDE ____ MANDAYS AND ____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. NOTE: 1. ACCOMPLISH CONCURRENT WITH BEARING REPAIRS OF TASK Q-24411-2. 2. SUPSHIP UTILIZE SWI/SWT 243-02, OUTBOARD PROPULSION SHAFTING, BEARINGS AND SEALS, FOR GUIDANCE IN DEVELOPING THIS ITEM.

**Task/Abbreviation:** Q-24311-15 / STERN TB SEAL - INSP/RPR

**MJC:** EXECQK37 **Rev Date:** 07/13/2004

**Std Template:** **Sit Reqs:** D/D **Priority:** Highly Desirable **Qty:** 2 **Matl Forecast:** YES

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 2,655 **ManDays:** 59

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE, INSPECT AND ACCOMPLISH REPAIRS TO THE STERN TUBE SEAL OF THE PROPULSION SHAFTING PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS, REASSEMBLE UNIT USING NEW GASKETS, "O"-RINGS AND SEALING COMPOUNDS. ADJUST AND ALIGN SEALING DISK. LEAVE BOOT DEFLATED AND DELIVER INFLATION NEEDLE VALVES TO CHIEF ENGINEER. TEST INFLATABLE BOOT PRIOR TO UNDOCKING AND DOCK TRIALS. A. MACHINE FACES OF GLAND RING. B. CLEAN AND DRESS SHAFT IN WAY OF SEAL LAND. C. RESTORE SHAFT SURFACE IN WAY OF SEAL LAND USING APPROVED PROCEDURE. D. REPLACE FACE INSERT. E. REPLACE SEAT. F. REPLACE FACE SEALING STRIP. G. REPLACE SEAL RINGS. H. REPLACE GARTER SPRINGS. I. REPLACE INFLATABLE BOOT. NOTE: SUPSHIP UTILIZE SWI/SWT 243-50, STERN TUBE SEAL REPAIR AND TEST, FOR GUIDANCE IN DEVELOPING THIS ITEM.

**Task/Abbreviation:** Q-24312-4 / PRPLN SFT SHOP (DD) - RPR

**MJC:** EXECQ084

**Rev Date:**

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 18,000

**ManDays:** 400

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE WATERBORNE SHAFTING AS FOLLOWS: REPAIR CRACKS AND PITS. SKIM-CUT AND DRESS LINERS, AND PROVIDE OVERSIZED BEARING STAVES. REPAIR SHAFT DETERIORATION IN WAY OF LINER. REMOVE AND REPLACE LINERS. REFACE COUPLING FLANGE FACES. MANUFACTURE AND FIT NEW COUPLING BOLTS. STRAIGHTEN SHAFT. REPAIR TAPERS AND KEYWAYS. MANUFACTURE AND FIT NEW KEYS. CHASE AND DRESS PROPELLER NUT THREADS. REPLACE FIBERGLASS WRAP. ACCOMPLISH POST-REPAIR MAGNETIC PARTICLE OR DYE PENETRANT TESTS. PROVIDE ____ MANDAYS AND ____ DOLLARS OF MATERIAL TO ACCOMPLISH REPAIRS NOT PREVIOUSLY IDENTIFIED. ON COMPLETION OF REPAIRS, ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: 1. ACCOMPLISH CONCURRENT WITH INSPECTION OF SHAFTING. 2. SUPSHIP UTILIZE SWI/SWT 243-02, OUTBOARD PROPULSION SHAFTING, BEARINGS AND SEALS, FOR GUIDANCE IN DEVELOPING THIS ITEM.

**Task/Abbreviation:** Q-24312-6 / STERN TB (DD) - INSP/RPR

**MJC:** EXECQA93 **Rev Date:** 07/13/2004

**Std Template:** **Sit Reqs:** D/D **Priority:** Highly Desirable **Qty:** 2 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 2,700 **ManDays:** 60

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND REPAIR THE STERN TUBE AND/OR STRUT. TO INCLUDE: A. REPAIR OF CRACKS AND EROSION EXCEEDING LISTED CRITERIA BY WELDING. B. ACCOMPLISHMENT OF POST-REPAIRS MAGNETIC PARTICLE OR DYE PENETRANT TESTS. C. REPLACEMENT OF INTERNAL ZINC ANODES. D. PRESERVE INTERIOR SURFACES OF THE STERN TUBE. E. PROVIDE ____ MANDAYS AND ____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. NOTE: USE SI 009-32 FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** M-24312-12 / (M)MCM PRPLN SFT (DD)-RMV/INSP **MJC:** EXECMJ33 **Rev Date:** 05/31/2000

**Std Template:** **Sit Reqs:** D/D **Priority:** Mandatory **Qty:** 2 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 141 **Equip/Task:** 1 **Matl Cost:** 9,000 **ManDays:** 75

**Referenced Authority:**

NSTM CH-243, PARA. 243-1.1.4 NSTM CH-243, PARA. 243-1.1.7.1 NSTM CH-243, PARA. 243-1.1.7.2

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | NSTM REQUIREMENT DUE | UNSHIP WATERBORNE SHAFTING AND REMOVE TO SHOP. MEASURE SHAFT RUNOUTS. ACCOMPLISH A MAGNETIC PARTICLE TEST OR DYE PENETRANT CHECK OF ALL EXPOSED SHAFT AREAS AND KEYWAYS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, REINSTALL SHAFTING AND REFIT FAIRWATERS AND ROPE GUARDS USING NEW GASKETS, SEALING COMPOUND AND FASTENERS. NOTE: 1. REPAIRS COVERED UNDER TASK Q-24311-4. 2. ACCOMPLISH CONCURRENT WITH BEARING INSPECTION TASK M-24411-1. 3. SUPSHIP UTILIZE SWI/SWT 243-02, OUTBOARD PROPULSION SHAFTING, BEARINGS AND SEALS, FOR GUIDANCE IN DEVELOPING THIS ITEM. |

**Task/Abbreviation:** Q-24312-14 / MCM PRPLN SFT INPLACE (DD)-RPR **MJC:** EXECQK28 **Rev Date:** 05/31/2000

**Std Template:** **Sit Reqs:** D/D **Priority:** Highly Desirable **Qty:** 2 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 18,000 **ManDays:** 400

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH INPLACE THE FOLLOWING INPLACE REPAIRS AS APPLICABLE TO THE PROPULSION SHAFTING PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. A. CHASE AND DRESS PROPELLER NUT THREADS. B. REPLACE ZINC ANODES. C. PROVIDE ____ MANDAYS AND ____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. NOTE: 1. ACCOMPLISH CONCURRENT WITH BEARING REPAIRS OF TASK Q-24411-2. 2. SUPSHIP UTILIZE SWI/SWT 243-02, OUTBOARD PROPULSION SHAFTING, BEARINGS AND SEALS, FOR GUIDANCE IN DEVELOPING THIS ITEM.

**Task/Abbreviation:** Q-24312-15 / STERN TB SEAL - INSP/RPR

**MJC:** EXECQK38 **Rev Date:** 07/13/2004

**Std Template:** **Sit Reqs:** D/D **Priority:** Highly Desirable **Qty:** 2 **Matl Forecast:** YES

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 2,655 **ManDays:** 59

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE, INSPECT AND ACCOMPLISH REPAIRS TO THE STERN TUBE SEAL OF THE PROPULSION SHAFTING PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS, REASSEMBLE UNIT USING NEW GASKETS, "O"-RINGS AND SEALING COMPOUNDS. ADJUST AND ALIGN SEALING DISK. LEAVE BOOT DEFLATED AND DELIVER INFLATION NEEDLE VALVES TO CHIEF ENGINEER. TEST INFLATABLE BOOT PRIOR TO UNDOCKING AND DOCK TRIALS. A. MACHINE FACES OF GLAND RING. B. CLEAN AND DRESS SHAFT IN WAY OF SEAL LAND. C. RESTORE SHAFT SURFACE IN WAY OF SEAL LAND USING APPROVED PROCEDURE. D. REPLACE FACE INSERT. E. REPLACE SEAT. F. REPLACE FACE SEALING STRIP. G. REPLACE SEAL RINGS. H. REPLACE GARTER SPRINGS. I. REPLACE INFLATABLE BOOT. NOTE: SUPSHIP UTILIZE SWI/SWT 243-50, STERN TUBE SEAL REPAIR AND TEST, FOR GUIDANCE IN DEVELOPING THIS ITEM.

**Task/Abbreviation:** M-24411-1 / (M)STERN/STRUT BRG - MEAS

**MJC:** EXECM078

**Rev Date:**

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Mandatory

**Qty:** 4

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 2

**Matl Cost:** 360

**ManDays:** 8

**Referenced Authority:**

NSTM CH-244, PARA. 244-4.6.1

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | NSTM REQUIREMENT DUE | REMOVE FAIRWATERS AND ROPE GUARDS ON STERN TUBE AND STRUT BEARINGS. MEASURE WEARDOWNS ON STERN TUBE AND STRUT BEARINGS AND REPORT CONDITIONS FOUND TO THE NSA WITHIN 48 HOURS OF DRYDOCKING. ON COMPLETION OF INSPECTION OR REPAIRS, REINSTALL FAIRWATERS AND ROPE GUARDS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. NOTE: USE SWT 243-02 AND 244-03 FOR GUIDANCE IN DEVELOPING SPEC. |

**Task/Abbreviation:** Q-24411-2 / STERN/STRUT BRG (DD) - RPR

**MJC:** EXECQ085

**Rev Date:** 12/18/2002

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 0

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 0

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE STERN TUBE AND/OR STRUT BEARINGS. ACCOMPLISH AN INTERNAL BEARING HOUSING INSPECTION. ACCOMPLISH THE FOLLOWING REPAIRS: COATING OR WELDING REPAIRS IN WAY OF LAND. MACHINE AND FIT LINERS ON BEARING LANDS. REPLACE BEARING STAVES. MEASURE FIT BETWEEN BEARING BARRELS AND HOUSING. CLAD-WELD BEARING HOUSING AND REBORE. REASSEMBLE BEARING HALVES. ALIGN USING LASER OR TIGHTWIRE TECHNIQUE. MEASURE AND RECORD POST-REPAIRS CLEARANCES.

**Task/Abbreviation:** M-24411-3 / (M)LINE SFT/RDCN GR BRG - TST

**MJC:** EXECM145

**Rev Date:** 02/23/1998

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 6

**Referenced Authority:**

NSTM CH-243, PARA. 243-1.5.3

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | NSTM REQUIREMENT DUE | VERIFY ALIGNMENT OF PROPULSION SHAFT BEARINGS (MAIN REDUCTION GEAR BULL GEAR, LINE SHAFT(S), STERN TUBE AND PROPELLER/STRUT) UTILIZING HYDRAULIC JACK, STRAIN GAGE OR OPTICAL METHODS IN ACCORDANCE WITH APPLICABLE TECHNICAL MANUALS. NOTES: 1. ALIGNMENT VERIFICATION CHECKS TO BE ACCOMPLISHED WHEN MISALIGNMENT IS SUSPECTED AS REFLECTED BY SHIP'S OPERATION, REPEATED SYSTEM BEARING FAILURES, SHIP GROUNDING, REDUCTION GEAR ELEMENTS WITH ABNORMAL TOOTH CONTACTS, EXCESSIVE SHAFTING SYSTEM VIBRATION, RESTAVING OF WATERBORNE BEARINGS, SHAFT REMOVAL, SIGNIFICANT WELDING OR OTHER STRUCTURAL WORK IN THE GENERAL VICINITY OF THE PROPULSION PLANT. 2. ALIGNMENT VERIFICATION CHECKS SHALL BE SCHEDULED FOR EACH DRYDOCK AVAILABILITY. 3. ALIGNMENT VERIFICATION CHECKS MAY BE WAIVED BY FTSC IF SPECIFIC CONDITIONS DEEM THESE CHECKS TO BE UNNECESSARY. |

**Task/Abbreviation:** Z-24411-13 / PRPLN SFT THRUST BRG CL - MEAS **MJC:** EXECZ104 **Rev Date:** 01/18/2002

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 2 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 50 **ManDays:** 1

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 1 THROUGH 8 | TBD | MEASURE PROPULSION SHAFT THRUST BEARING CLEARANCES IN ACCORDANCE WITH MIP 2400/010-11, MRC A9 A7RN Y. |

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 9 THROUGH 14 | TBD | MEASURE PROPULSION SHAFT THRUST BEARING CLEARANCES IN ACCORDANCE WITH MIP 2400/010-11, MRC A9 C2AD N. |

**Task/Abbreviation:** Z-24411-14 / PRPLN LINE SFT BRG CL - MEAS **MJC:** EXECZ105 **Rev Date:** 01/18/2002

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 2 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 24 **Equip/Task:** 1 **Matl Cost:** 50 **ManDays:** 1

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBA | MEASURE LINE SHAFT BEARING CLEARANCES IN ACCORDANCE WITH MIP 2400/010-11, MRC A9 B7VP N. |

**Task/Abbreviation:** M-24412-1 / (M)STERN/STRUT BRG - MEAS

**MJC:** EXECM079

**Rev Date:**

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Mandatory

**Qty:** 4

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 2

**Matl Cost:**

**ManDays:** 8

**Referenced Authority:**

NSTM CH-244, PARA. 244-4.6.1

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | NSTM REQUIREMENT DUE | REMOVE FAIRWATERS AND ROPE GUARDS ON STERN TUBE AND STRUT BEARINGS. MEASURE WEARDOWNS ON STERN TUBE AND STRUT BEARINGS AND REPORT CONDITIONS FOUND TO THE NSA WITHIN 48 HOURS OF DRYDOCKING. ON COMPLETION OF INSPECTION OR REPAIRS, REINSTALL FAIRWATERS AND ROPE GUARDS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. NOTE: USE SWT 243-02 AND 244-03 FOR GUIDANCE IN DEVELOPING SPEC. |

**Task/Abbreviation:** Q-24412-2 / STERN/STRUT BRG (DD) - RPR

**MJC:** EXECQ087

**Rev Date:** 12/18/2002

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 0

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 0

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE STERN TUBE AND/OR STRUT BEARINGS. ACCOMPLISH AN INTERNAL BEARING HOUSING INSPECTION. ACCOMPLISH THE FOLLOWING REPAIRS: COATING OR WELDING REPAIRS IN WAY OF LAND. MACHINE AND FIT LINERS ON BEARING LANDS. REPLACE BEARING STAVES. MEASURE FIT BETWEEN BEARING BARRELS AND HOUSING. CLAD-WELD BEARING HOUSING AND REBORE. REASSEMBLE BEARING HALVES. ALIGN USING LASER OR TIGHTWIRE TECHNIQUE. MEASURE AND RECORD POST-REPAIRS CLEARANCES.

**Task/Abbreviation:** M-24412-3 / (M)LINE SFT/RDCN GR BRG - TST

**MJC:** EXECM080

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 6

**Referenced Authority:**

NSTM CH-243, PARA. 243-1.5.3

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | NSTM REQUIREMENT DUE | VERIFY ALIGNMENT OF PROPULSION SHAFT BEARINGS (MAIN REDUCTION GEAR BULL GEAR, LINE SHAFT(S), STERN TUBE AND PROPELLER/STRUT) UTILIZING HYDRAULIC JACK, STRAIN GAGE OR OPTICAL METHODS IN ACCORDANCE WITH APPLICABLE TECHNICAL MANUALS. NOTES: 1. ALIGNMENT VERIFICATION CHECKS TO BE ACCOMPLISHED WHEN MISALIGNMENT IS SUSPECTED AS REFLECTED BY SHIP'S OPERATION, REPEATED SYSTEM BEARING FAILURES, SHIP GROUNDING, REDUCTION GEAR ELEMENTS WITH ABNORMAL TOOTH CONTACTS, EXCESSIVE SHAFTING SYSTEM VIBRATION, RESTAVING OF WATERBORNE BEARINGS, SHAFT REMOVAL, SIGNIFICANT WELDING OR OTHER STRUCTURAL WORK IN THE GENERAL VICINITY OF THE PROPULSION PLANT. 2. ALIGNMENT VERIFICATION CHECKS SHALL BE SCHEDULED EACH DRYDOCK AVAILABILITY. 3. ALIGNMENT VERIFICATION CHECKS MAY BE WAIVED BY FTSC IF SPECIFIC CONDITIONS DEEM THESE CHECKS TO BE UNNECESSARY. |

**Task/Abbreviation:** Z-24412-13 / PRPLN SFT THRUST BRG CL - MEAS **MJC:** EXECZ104 **Rev Date:** 01/18/2002

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 2 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 50 **ManDays:** 1

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 1 THROUGH 8 | TBD | MEASURE PROPULSION SHAFT THRUST BEARING CLEARANCES IN ACCORDANCE WITH MIP 2400/010-11, MRC A9 A7RN Y. |

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 9 THROUGH 14 | TBD | MEASURE PROPULSION SHAFT THRUST BEARING CLEARANCES IN ACCORDANCE WITH MIP 2400/010-11, MRC A9 C2AD N. |

**Task/Abbreviation:** Z-24412-14 / PRPLN LINE SFT BRG CL - MEAS **MJC:** EXECZ105 **Rev Date:** 01/18/2002

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 2 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 24 **Equip/Task:** 1 **Matl Cost:** 50 **ManDays:** 1

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBA | MEASURE LINE SHAFT BEARING CLEARANCES IN ACCORDANCE WITH MIP 2400/010-11, MRC A9 B7VP N. |

**Task/Abbreviation:** M-24511-1 / (M)CPP HYDR SYS - INSP/TST

**MJC:** EXECM081 **Rev Date:** 11/18/2003

**Std Template:** **Sit Reqs:** D/D **Priority:** Mandatory **Qty:** 2 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** **ManDays:** 15

**Referenced Authority:**

NSTM CH-245, PARA. 245-5.4.4

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | NSTM REQUIREMENT DUE | INSPECT AND TEST THE HYDRAULIC CONTROL SYSTEMS OF THE CONTROLLABLE-PITCH PROPELLER. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. TO INCLUDE: A. DISTRIBUTION (O.D.) BOX ASSEMBLY, OIL - 1. PITCH CONTROL VALVE MANIFOLD BLOCK ASSEMBLY. 2. PITCH INDICATOR ASSEMBLY, LOCAL (INCLUDING CALIBRATION). 3. VALVE (UNLOADING), LP SEAL. B. HYDRAULIC OIL POWER MODULE - 1. FILTERS, DISCHARGE SERVO CONTROL. 2. FILTER, AUXILIARY SERVO CONTROL. 3. GAGES, INSTRUMENTATION AND CONTROLS. 4. PRESSURE CONTROL ASSEMBLY OPERATING VALVES. 5. INTERCONNECTING PIPING AND FITTINGS. 6. STAND-BY PUMP AND MOTOR ASSEMBLY. 7. VALVE, MANUAL BY-PASS. C. PUMP, PROPULSION REDUCTION GEAR DRIVEN. D. SUCTION STRAINERS. E. VALVES, IN-LINE RETURN AND CHECK. F. EMERGENCY PITCH SETTING POSITIONER ASSEMBLY. |

**Task/Abbreviation:** M-24511-2 / (M)CPP/HUB - INSP/RPR

**MJC:** EXECM082 **Rev Date:** 05/07/2003

**Std Template:** **Sit Reqs:** D/D **Priority:** Mandatory **Qty:** 2 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 5,175 **ManDays:** 115

**Referenced Authority:**

NSTM CH-245, PARA. 245-5.4.5 NSTM CH-245, PARA. 245-5.4.6

**Reason:**

BASELINE

**Problem Description:**

NSTM REQUIREMENT DUE

**Recommended Solution:**

INSPECT & RPR THE CPCH PROP. CLN & INSP PROP BLADES & HUB COMPONENTS. RMV BLADE(S) FROM HUB. MEASURE & RECORD AS-FOUND CLEARANCES & DIM. REPORT CONDITIONS FOUND TO THE NSA. A. INSPECT HUB ASSEMBLY AS FOLLOWS: 1. BLADE PORTS INSPECTION FOR OIL LEAKAGE. 2. MEASUREMENT OF CRITICAL CLEARANCES & DIMENSIONS. B. RMV BLADES TO RPR FACILITY & ACCOMP THE FOLLOWING: 1. VERIFY BLADE PITCH ALIGNMENT AND NDT BLADES. 2. STATIC-BALANCE BLADES. 3. INSTALL BLADE EDGE PROTECTION. C. REINSTALL BLADES USING NEW SEALS AND FASTENERS. NOTES: 1. PROVIDE SERVICES OF FTSC OR MFR'S TECH REP DURING DISASSEMBLY, REPAIR AND REASSEMBLY. 2. RMV BLADE EDGE PROTECTION PRIOR TO UNDOCKING.

**Task/Abbreviation:** Q-24511-3 / CPP/HUB ASSY - REPL

**MJC:** EXECQ088

**Rev Date:** 05/07/2003

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,700

**ManDays:** 60

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE HUB ASSEMBLY OF THE CONTROLLABLE-PITCH PROPELLER PER CONDITION ASSESSMENT RECOMMENDATIONS. PROVIDE SERVICES OF MFR'S TECH REP DURING REPLACEMENT.

**Task/Abbreviation:** I-24511-4 / ELEX PITCH CONT - INSP/TST

**MJC:** EXECI043

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE ELECTRONIC PITCH CONTROL SYSTEM OF THE CONTROLLABLE-PITCH PROPELLER, INCLUDING THE ELECTRO-HYDRAULIC SERVO CONTROL ASSEMBLY. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP.

**Task/Abbreviation:** Q-24511-5 / ELEX PITCH CONT SYS - RPR

**MJC:** EXECQ089

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE ELECTRONIC PITCH CONTROL SYSTEM OF THE CONTROLLABLE PITCH PROPELLER PER CONDITION ASSESSMENT RECOMMENDATIONS. PROVIDE ____ MANDAYS AND ____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED.

**Task/Abbreviation:** I-24511-6 / VLV ROD ASSY -RMV/INSP/RPR/TST

**MJC:** EXECI044

**Rev Date:**

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE AND INSPECT THE VALVE ROD ASSEMBLY OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM. MEASURE AND RECORD AS-FOUND DIMENSIONS. ACCOMPLISH INSPECTION OF SPIDERS AND GUIDES FOR CRACKS AND OUT OF TOLERANCE DIMENSIONS. ACCOMPLISH NON-DESTRUCTIVE TESTING OF COUPLINGS, DISTANCE TUBE, FASTENERS, GUIDES, VALVE ROD SECTIONS (THREAD AREAS) AND REGULATING VALVE PIN. REPORT CONDITIONS FOUND TO THE NSA. REASSEMBLE AND REINSTALL UPON COMPLETION OF REPAIRS.

**Task/Abbreviation:** Q-24511-7 / VLV ROD ASSY - RPR

**MJC:** EXECQ090

**Rev Date:**

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 4,635

**ManDays:** 103

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE VALVE ROD ASSEMBLY OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM AS FOLLOWS: REPLACE _____ VALVE ROD SECTIONS. CHASE THREADS ON VALVE ROD SECTIONS. WELD BUILDUP AND MACHINE ALL SPIDERS. STRAIGHTEN ALL VALVE ROD SECTIONS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** Q-24511-10 / ATCHD HYDR OIL PMP - RPR

**MJC:** EXECQ092

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 495

**ManDays:** 11

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE ROTARY/SCREW PUMP TO THE SHOP. OPEN PUMP CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD ROTOR AND HOUSING BORE DIAMETER, CLEARANCES AND RUNOUTS A. ACCOMPLISH NDT OF PUMP SHAFT AND ROTOR ASSEMBLY. B. RESURFACE AND MACHINE SHAFT JOURNALS IN WAY OF PACKING AND BEARINGS. C. STONE/DRESS BEARING HOUSING FIT AREAS. D. STONE/DRESS TIMING GEARS. E. RESURFACE AND MACHINE PUMP CASING BORES USING AUTHORIZED COATING SYSTEM. F. STONE/DRESS CASING MATING AND SEALING SURFACE. G. REPLACE PUMP ROTOR SHAFT AND KEY. H. REPLACE PUMP ROTOR ASSEMBLY AND ENSURE ROTOR TO CASING CLEARANCES. I. REPLACE LINER/SLEEVE ASSEMBLY. J. REPLACE PUMP CASING. K. REPLACE TIMING GEAR SET AND ENSURE PROPER CLEARANCES. L. REPLACE TIMING GEAR SPACERS. M. REPLACE THRUST WASHERS AND ENSURE PROPER CLEARANCES. N. REPLACE COUPLING. REASSEMBLE UNIT WITH NEW GASKET, BEARINGS, PACKING, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** Q-24511-11 / STBY HYDR OIL PMP - RPR

**MJC:** EXECQ093

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 495

**ManDays:** 11

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE ROTARY/SCREW PUMP TO THE SHOP. OPEN PUMP CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD ROTOR AND HOUSING BORE DIAMETER, CLEARANCES AND RUNOUTS A. ACCOMPLISH NDT OF PUMP SHAFT AND ROTOR ASSEMBLY. B. RESURFACE AND MACHINE SHAFT JOURNALS IN WAY OF PACKING AND BEARINGS. C. STONE/DRESS BEARING HOUSING FIT AREAS. D. STONE/DRESS TIMING GEARS. E. RESURFACE AND MACHINE PUMP CASING BORES USING AUTHORIZED COATING SYSTEM. F. STONE/DRESS CASING MATING AND SEALING SURFACE. G. REPLACE PUMP ROTOR SHAFT AND KEY. H. REPLACE PUMP ROTOR ASSEMBLY AND ENSURE ROTOR TO CASING CLEARANCES. I. REPLACE LINER/SLEEVE ASSEMBLY. J. REPLACE PUMP CASING. K. REPLACE TIMING GEAR SET AND ENSURE PROPER CLEARANCES. L. REPLACE TIMING GEAR SPACERS. M. REPLACE THRUST WASHERS AND ENSURE PROPER CLEARANCES. N. REPLACE COUPLING. REASSEMBLE UNIT WITH NEW GASKET, BEARINGS, PACKING, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** Q-24511-12 / ELEC MOT HYDR PMP - RPR

**MJC:** EXECQ094

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 990

**ManDays:** 22

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH REPAIRS TO THE ELECTRIC MOTOR OF THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP AND ACCOMPLISH ONE OF THE FOLLOWING. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. ACCOMPLISH REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. ACCOMPLISH REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33.

**Task/Abbreviation:** Q-24511-15 / CPP OD BOX - RPR

**MJC:** EXECQD60 **Rev Date:** 07/30/2004

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 2 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 2,520 **ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | ACCOMPLISH REPAIR TO OIL DIST BOX OF THE CPCH PROP SYS PER ASSESSMENT. A. RESURF, MACH & HONE FWD/AFT CHAMBERS & BRG HSG. B. REPL FWD/AFT CHAMBERS & BRG HSG. C. RESURFACE & MACHINE PISTON & DISTANCE TUBE. D. REPL PISTON, RADIAL ROLLER BRG, THRUST BRG. E. REPLACE LOW PRESSURE SEAL RING ASSEMBLY. F. REPLACE DISTANCE TUBE. G. REPLACE SHAFT EXTENSION. H. REPAIR MAIN SERVO VALVE ASSEMBLY. I. REPLACE MAIN SERVO VALVE ASSEMBLY. J. REPAIR ELECTRO-HYDRAULIC SERVO VALVE. K. REPLACE ELECTRO-HYDRAULIC SERVO VALVE. L. REPAIR MANUAL AND REMOTE MANUAL CONTROL VALVE. M. REPLACE MANUAL AND REMOTE MANUAL CONTROL VALVE. REASSEM USING NEW GASKETS, SEALS AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. |

**Task/Abbreviation:** I-24511-32 / CPP - INSP (SPAM)

**MJC:** EXECI359

**Rev Date:** 05/07/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH WATERBORNE LEVEL 2 ASSESSMENT OF THE CONTROLLABLE REVERSIBLE PITCH PROPELLER PER CHAPTER 17 UNDERWATER SHIP HUSBANDRY MANUAL S0600-AA-PRO-170. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP.

**Task/Abbreviation:** Q-24511-41 / CPP OD BOX - REPL

**MJC:** EXECQK51

**Rev Date:** 07/30/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 95,000

**ManDays:** 35

**Referenced Authority:**

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE OIL DISTRIBUTION (OD) BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM PER CONDITION BASED ASSESSMENT. CRATE EXISTING OD BOX AND SHIP TO OEM. RECEIVE AND INSTALL REPLACEMENT OD BOX USING NEW GASKETS, SEALS AND PACKING ASSEMBLY. REPLACE MISSING/UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: OEM TECH REP TO BE ONSITE.

**Task/Abbreviation:** J-24511-47 / CPP STBY OIL PMP MOT-RWND

**MJC:** EXECJC90

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 990

**ManDays:** 22

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REWIND THE ELECTRIC MOTOR OF THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24511-48 / CPP STBY OIL PMP MOT-RPR

**MJC:** EXECJC92

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 990

**ManDays:** 22

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

RECONDITION THE ELECTRIC MOTOR OF THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-24511-49 / CPP STBY OIL PMP MOT BRG-REPL

**MJC:** EXECJC94

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 990

**ManDays:** 22

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE ELECTRIC MOTOR OF THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24511-50 / CPP OD BOX CHAMBER - RPR

**MJC:** EXECJG31

**Rev Date:** 07/30/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

RESURFACE, MACHINE, AND HONE THE FWD/AFT CHAMBERS AND BEARING HOUSING OF THE OIL DIST BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24511-51 / CPP OD BOX CHAMBER - REPL

**MJC:** EXECJG32

**Rev Date:** 07/30/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE FWD/AFT CHAMBERS AND BEARING HOUSING OF THE OIL DIST BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24511-52 / CPP OD BOX DISTANCE TB- RPR

**MJC:** EXECJG33

**Rev Date:** 07/30/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

RESURFACE AND MACHINE PISTON AND DISTANCE TUBE OF THE OIL DIST BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24511-53 / CPP OD BOX PISTON - REPL

**MJC:** EXECJG34

**Rev Date:** 07/30/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE PISTON, RADIAL ROLLER BRG, AND THRUST BRG OF THE OIL DIST BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24511-54 / CPP OD BOX RING - REPL

**MJC:** EXECJG35

**Rev Date:** 07/30/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE LOW PRESSURE SEAL RING ASSEMBLY OF THE OIL DIST BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24511-55 / CPP OD BOX DISTANCE TB - REPL

**MJC:** EXECJG36

**Rev Date:** 07/30/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE DISTANCE TUBE OF THE OIL DIST BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24511-56 / CPP OD BOX SFT EXT - REPL

**MJC:** EXECJG37

**Rev Date:** 07/30/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE SHAFT EXTENSION OF THE OIL DIST BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24511-57 / CPP OD BOX SVO VLV - RPR

**MJC:** EXECJG38

**Rev Date:** 07/30/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR MAIN SERVO VALVE ASSEMBLY OF THE OIL DIST BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24511-58 / CPP OD BOX SVO VLV - REPL

**MJC:** EXECJG39

**Rev Date:** 07/30/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE MAIN SERVO VALVE ASSEMBLY OF THE OIL DIST BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24511-59 / CPP OD BOX ELHYD SVO VLV-RPR

**MJC:** EXECJG40

**Rev Date:** 07/30/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR ELECTRO-HYDRAULIC SERVO VALVEOF THE OIL DIST BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24511-60 / CPP OD BOX ELHYD SVO VLV-REPL

**MJC:** EXECJG41

**Rev Date:** 07/30/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE ELECTRO-HYDRAULIC SERVO VALVE OF THE OIL DIST BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24511-61 / CPP OD BOX MAN CONT VLVS- RPR

**MJC:** EXECJG42

**Rev Date:** 07/30/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR MANUAL AND REMOTE MANUAL CONTROL VALVEOF THE OIL DIST BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24511-62 / CPP OD BOX MAN CONT VLVS- REPL

**MJC:** EXECJG43

**Rev Date:** 07/30/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE MANUAL AND REMOTE MANUAL CONTROL VALVE OF THE OIL DIST BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24511-64 / CPP OD BOX HUB - REPL

**MJC:** EXECJG45

**Rev Date:** 07/30/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE HUB ASSEMBLY OF THE OIL DIST BOX OF THE CPCH PROP SYS. SEND BACK TO OEM. REINSTALL USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24511-80 / ATCHD OIL PMP MECH SEAL - REPL

**MJC:** EXECJI68

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 495

**ManDays:** 11

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPLACE THE ATTACHED REDUCTION GEAR DRIVEN HYDRAULIC OIL (ROTARY SCREW) PUMP MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-24511-81 / ATCHD OIL PMP BRGS - REPL

**MJC:** EXECJI69

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 495

**ManDays:** 11

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPLACE THE ATTACHED REDUCTION GEAR DRIVEN HYDRAULIC OIL PUMP (ROTARY SCREW) BEARINGS, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-24511-82 / ATCHD OIL PMP ROTNG ASSY- REPL

**MJC:** EXECJI70

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 495

**ManDays:** 11

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPLACE THE ATTACHED REDUCTION GEAR DRIVEN HYDRAULIC OIL PUMP (ROTARY SCREW) ROTATING ASSEMBLY, BEARINGS, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-24511-83 / ATCHD OIL PMP - REPL

**MJC:** EXECJI71

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 495

**ManDays:** 11

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE ATTACHED REDUCTION GEAR DRIVEN HYDRAULIC OIL PUMP (ROTARY SCREW). REPLACE THE PUMP WITH NEW BASED ON CONDITION ASSESSMENT RECOMMENDATIONS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24511-84 / STBY OIL PMP MECH SEAL - REPL

**MJC:** EXECJJ43

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 495

**ManDays:** 11

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP (ROTARY/SCREW) OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM PUMP MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24511-85 / STBY OIL PMP BRGS - REPL

**MJC:** EXECJJ44

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 495

**ManDays:** 11

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP (ROTARY/SCREW) OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM BEARINGS, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24511-86 / STBY OIL PMP ROTNG ASSY - REPL

**MJC:** EXECJJ45

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 495

**ManDays:** 11

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP (ROTARY/SCREW) OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM ROTATING ASSEMBLY, BEARINGS, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24511-87 / STBY OIL PMP - REPL

**MJC:** EXECJJ46

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 495

**ManDays:** 11

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP (ROTARY/SCREW) OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM. REPLACE THE PUMP WITH NEW BASED ON CONDITION ASSESSMENT RECOMMENDATIONS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** M-24512-1 / (M)CPP HYDR SYS - INSP/TST

**MJC:** EXECM084 **Rev Date:** 11/18/2003

**Std Template:** **Sit Reqs:** D/D **Priority:** Mandatory **Qty:** 2 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** **ManDays:** 15

**Referenced Authority:**

NSTM CH-245, PARA. 245-5.4.4

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | NSTM REQUIREMENT DUE | INSPECT AND TEST THE HYDRAULIC CONTROL SYSTEMS OF THE CONTROLLABLE-PITCH PROPELLER. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. TO INCLUDE: A. DISTRIBUTION (O.D.) BOX ASSEMBLY, OIL - 1. PITCH CONTROL VALVE MANIFOLD BLOCK ASSEMBLY. 2. PITCH INDICATOR ASSEMBLY, LOCAL (INCLUDING CALIBRATION). 3. VALVE (UNLOADING), LP SEAL. B. HYDRAULIC OIL POWER MODULE - 1. FILTERS, DISCHARGE SERVO CONTROL. 2. FILTER, AUXILIARY SERVO CONTROL. 3. GAGES, INSTRUMENTATION AND CONTROLS. 4. PRESSURE CONTROL ASSEMBLY OPERATING VALVES. 5. INTERCONNECTING PIPING AND FITTINGS. 6. STAND-BY PUMP AND MOTOR ASSEMBLY. 7. VALVE, MANUAL BY-PASS. C. PUMP, PROPULSION REDUCTION GEAR DRIVEN. D. SUCTION STRAINERS. E. VALVES, IN-LINE RETURN AND CHECK. F. EMERGENCY PITCH SETTING POSITIONER ASSEMBLY. |

**Task/Abbreviation:** M-24512-2 / (M)CPP/HUB - INSP/RPR

**MJC:** EXECM085

**Rev Date:** 05/07/2003

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Mandatory

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 5,175

**ManDays:** 115

**Referenced Authority:**

NSTM CH-245, PARA. 245-5.4.5 NSTM CH-245, PARA. 245-5.4.6

**Reason:**

BASELINE

**Problem Description:**

NSTM REQUIREMENT DUE

**Recommended Solution:**

INSPECT & RPR THE CPCH PROP. CLN & INSP PROP BLADES & HUB COMPONENTS. RMV BLADE(S) FROM HUB. MEASURE & RECORD AS-FOUND CLEARANCES & DIM. REPORT CONDITIONS FOUND TO THE NSA. A. INSPECT HUB ASSEMBLY AS FOLLOWS: 1. BLADE PORTS INSPECTION FOR OIL LEAKAGE. 2. MEASUREMENT OF CRITICAL CLEARANCES & DIMENSIONS. B. RMV BLADES TO RPR FACILITY & ACCOMP THE FOLLOWING: 1. VERIFY BLADE PITCH ALIGNMENT AND NDT BLADES. 2. STATIC-BALANCE BLADES. 3. INSTALL BLADE EDGE PROTECTION. C. REINSTALL BLADES USING NEW SEALS AND FASTENERS. NOTES: 1. PROVIDE SERVICES OF FTSC OR MFR'S TECH REP DURING DISASSEMBLY, REPAIR AND REASSEMBLY. 2. RMV BLADE EDGE PROTECTION PRIOR TO UNDOCKING.

**Task/Abbreviation:** Q-24512-3 / CPP/HUB ASSY - REPL

**MJC:** EXECQ096

**Rev Date:** 05/07/2003

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,700

**ManDays:** 60

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE HUB ASSEMBLY OF THE CONTROLLABLE-PITCH PROPELLER PER CONDITION ASSESSMENT RECOMMENDATIONS. PROVIDE SERVICES OF MFR'S TECH REP DURING REPLACEMENT.

**Task/Abbreviation:** I-24512-4 / ELEX PITCH CONT - INSP/TST

**MJC:** EXECI046

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE ELECTRONIC PITCH CONTROL SYSTEM OF THE CONTROLLABLE-PITCH PROPELLER, INCLUDING THE ELECTRO-HYDRAULIC SERVO CONTROL ASSEMBLY. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP.

**Task/Abbreviation:** Q-24512-5 / ELEX PITCH CONT SYS - RPR

**MJC:** EXECQ097

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE ELECTRONIC PITCH CONTROL SYSTEM OF THE CONTROLLABLE PITCH PROPELLER PER CONDITION ASSESSMENT RECOMMENDATIONS. PROVIDE ____ MANDAYS AND ____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED.

**Task/Abbreviation:** I-24512-6 / VLV ROD ASSY -RMV/INSP/RPR/TST

**MJC:** EXECI047

**Rev Date:**

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE AND INSPECT THE VALVE ROD ASSEMBLY OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM. MEASURE AND RECORD AS-FOUND DIMENSIONS. ACCOMPLISH INSPECTION OF SPIDERS AND GUIDES FOR CRACKS AND OUT OF TOLERANCE DIMENSIONS. ACCOMPLISH NON-DESTRUCTIVE TESTING OF COUPLINGS, DISTANCE TUBE, FASTENERS, GUIDES, VALVE ROD SECTIONS (THREAD AREAS) AND REGULATING VALVE PIN. REPORT CONDITIONS FOUND TO THE NSA. REASSEMBLE AND REINSTALL UPON COMPLETION OF REPAIRS.

**Task/Abbreviation:** Q-24512-7 / VLV ROD ASSY - RPR

**MJC:** EXECQ098

**Rev Date:**

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 4,635

**ManDays:** 103

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE VALVE ROD ASSEMBLY OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM AS FOLLOWS: REPLACE _____ VALVE ROD SECTIONS. CHASE THREADS ON VALVE ROD SECTIONS. WELD BUILDUP AND MACHINE ALL SPIDERS. STRAIGHTEN ALL VALVE ROD SECTIONS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** Q-24512-10 / ATCHD HYDR OIL PMP - RPR

**MJC:** EXECQ100

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 495

**ManDays:** 11

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE ROTARY/SCREW PUMP TO THE SHOP. OPEN PUMP CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD ROTOR AND HOUSING BORE DIAMETER, CLEARANCES AND RUNOUTS A. ACCOMPLISH NDT OF PUMP SHAFT AND ROTOR ASSEMBLY. B. RESURFACE AND MACHINE SHAFT JOURNALS IN WAY OF PACKING AND BEARINGS. C. STONE/DRESS BEARING HOUSING FIT AREAS. D. STONE/DRESS TIMING GEARS. E. RESURFACE AND MACHINE PUMP CASING BORES USING AUTHORIZED COATING SYSTEM. F. STONE/DRESS CASING MATING AND SEALING SURFACE. G. REPLACE PUMP ROTOR SHAFT AND KEY. H. REPLACE PUMP ROTOR ASSEMBLY AND ENSURE ROTOR TO CASING CLEARANCES. I. REPLACE LINER/SLEEVE ASSEMBLY. J. REPLACE PUMP CASING. K. REPLACE TIMING GEAR SET AND ENSURE PROPER CLEARANCES. L. REPLACE TIMING GEAR SPACERS. M. REPLACE THRUST WASHERS AND ENSURE PROPER CLEARANCES. N. REPLACE COUPLING. REASSEMBLE UNIT WITH NEW GASKET, BEARINGS, PACKING, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** Q-24512-11 / STBY HYDR OIL PMP - RPR

**MJC:** EXECQ101

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 495

**ManDays:** 11

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE ROTARY/SCREW PUMP TO THE SHOP. OPEN PUMP CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD ROTOR AND HOUSING BORE DIAMETER, CLEARANCES AND RUNOUTS A. ACCOMPLISH NDT OF PUMP SHAFT AND ROTOR ASSEMBLY. B. RESURFACE AND MACHINE SHAFT JOURNALS IN WAY OF PACKING AND BEARINGS. C. STONE/DRESS BEARING HOUSING FIT AREAS. D. STONE/DRESS TIMING GEARS. E. RESURFACE AND MACHINE PUMP CASING BORES USING AUTHORIZED COATING SYSTEM. F. STONE/DRESS CASING MATING AND SEALING SURFACE. G. REPLACE PUMP ROTOR SHAFT AND KEY. H. REPLACE PUMP ROTOR ASSEMBLY AND ENSURE ROTOR TO CASING CLEARANCES. I. REPLACE LINER/SLEEVE ASSEMBLY. J. REPLACE PUMP CASING. K. REPLACE TIMING GEAR SET AND ENSURE PROPER CLEARANCES. L. REPLACE TIMING GEAR SPACERS. M. REPLACE THRUST WASHERS AND ENSURE PROPER CLEARANCES. N. REPLACE COUPLING. REASSEMBLE UNIT WITH NEW GASKET, BEARINGS, PACKING, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** Q-24512-12 / ELEC MOT HYDR PMP - RPR

**MJC:** EXECQ102

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 990

**ManDays:** 22

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH REPAIRS TO THE ELECTRIC MOTOR OF THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP AND ACCOMPLISH ONE OF THE FOLLOWING. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. ACCOMPLISH REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. ACCOMPLISH REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33.

**Task/Abbreviation:** Q-24512-15 / CPP OD BOX - RPR

**MJC:** EXECQD61

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMP RPR TO OD BOX OF THE CPP SYS PER ASSESSMENT. A. RESURF, MACH & HONE FWD/AFT CHAMBERS & BRG HSG. B. REPL FWD/AFT CHAMBERS & BRG HSG. C. RESURFACE & MACHINE PISTON & DISTANCE TUBE. D. REPL PISTON, RADIAL ROLLER BRG, THRUST BRG. E. REPLACE LOW PRESSURE SEAL RING ASSEMBLY. F. REPLACE DISTANCE TUBE. G. REPLACE SHAFT EXTENSION. H. REPAIR MAIN SERVO VALVE ASSEMBLY. I. REPLACE MAIN SERVO VALVE ASSEMBLY. J. REPAIR ELECTRO-HYDRAULIC SERVO VALVE. K. REPLACE ELECTRO-HYDRAULIC SERVO VALVE. L. REPAIR MANUAL AND REMOTE MANUAL CONTROL VALVE. M. REPLACE MANUAL AND REMOTE MANUAL CONTROL VALVE. REASSEM USING NEW GASKETS, SEALS AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS.

**Task/Abbreviation:** I-24512-32 / CPP - INSP (SPAM)

**MJC:** EXECI360

**Rev Date:** 05/07/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH WATERBORNE LEVEL 2 ASSESSMENT OF THE CONTROLLABLE REVERSIBLE PITCH PROPELLER PER CHAPTER 17 UNDERWATER SHIP HUSBANDRY MANUAL S0600-AA-PRO-170. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP.

**Task/Abbreviation:** Q-24512-36 / CPP OD BOX - REPL

**MJC:** EXECQK52

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 95,000

**ManDays:** 35

**Referenced Authority:**

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE OIL DISTRIBUTION (OD) BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM PER CONDITION BASED ASSESSMENT. CRATE EXISTING OD BOX AND SHIP TO OEM. RECEIVE AND INSTALL REPLACEMENT OD BOX USING NEW GASKETS, SEALS AND PACKING ASSEMBLY. REPLACE MISSING/UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: OEM TECH REP TO BE ONSITE.

**Task/Abbreviation:** J-24512-46 / CPP STBY OIL PMP MOT - RWND

**MJC:** EXECJC91

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 990

**ManDays:** 22

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REWIND THE ELECTRIC MOTOR OF THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24512-47 / CPP STBY OIL PMP MOT - RPR

**MJC:** EXECJC93

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 990

**ManDays:** 22

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

RECONDITION THE ELECTRIC MOTOR OF THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-24512-48 / CPP STBY OIL PMP MOT BRG- REPL

**MJC:** EXECJC95

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 990

**ManDays:** 22

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE ELECTRIC MOTOR OF THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24512-49 / CPP OD BOX CHAMBER - RPR

**MJC:** EXECJG64

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

RESURFACE, MACHINE, AND HONE THE FWD/AFT CHAMBERS AND BEARING HOUSING OF THE OIL DIST BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24512-50 / CPP OD BOX CHAMBER - REPL

**MJC:** EXECJG65

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE FWD/AFT CHAMBERS AND BEARING HOUSING OF THE OIL DIST BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24512-51 / CPP OD BOX DISTANCE TB - RPR

**MJC:** EXECJG66

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

RESURFACE AND MACHINE PISTON AND DISTANCE TUBE OF THE OIL DIST BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24512-52 / CPP OD BOX PISTON - REPL

**MJC:** EXECJG67

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE PISTON, RADIAL ROLLER BRG, AND THRUST BRG OF THE OIL DIST BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24512-53 / CPP OD BOX RING - REPL

**MJC:** EXECJG68

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE LOW PRESSURE SEAL RING ASSEMBLY OF THE OIL DIST BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24512-54 / CPP OD BOX DISTANCE TB - REPL

**MJC:** EXECJG69

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE DISTANCE TUBE OF THE OIL DIST BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24512-55 / CPP OD BOX SFT EXT - REPL

**MJC:** EXECJG70

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE SHAFT EXTENSION OF THE OIL DIST BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24512-56 / CPP OD BOX SVO VLV - RPR

**MJC:** EXECJG71

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR MAIN SERVO VALVE ASSEMBLY OF THE OIL DIST BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24512-57 / CPP OD BOX SVO VLV - REPL

**MJC:** EXECJG72

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE MAIN SERVO VALVE ASSEMBLY OF THE OIL DIST BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24512-58 / CPP OD BOX ELHYD SVO VLV- RPR

**MJC:** EXECJG73

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR ELECTRO-HYDRAULIC SERVO VALVEOF THE OIL DIST BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24512-59 / CPP OD BOX ELHYD SVO VLV- REPL

**MJC:** EXECJG74 **Rev Date:** 08/02/2004

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 2 **Matl Forecast:**

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 2,520 **ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPLACE ELECTRO-HYDRAULIC SERVO VALVE OF THE OIL DIST BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-24512-60 / CPP OD BOX MAN CONT VLVS- RPR

**MJC:** EXECJG75

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR MANUAL AND REMOTE MANUAL CONTROL VALVEOF THE OIL DIST BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24512-61 / CPP OD BOX MAN CONT VLVS- REPL

**MJC:** EXECJG76

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE MANUAL AND REMOTE MANUAL CONTROL VALVE OF THE OIL DIST BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24512-63 / CPP OD BOX HUB - REPL

**MJC:** EXECJG78

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,520

**ManDays:** 56

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE HUB ASSEMBLY OF THE OIL DIST BOX OF THE CPCH PROP SYS. SEND BACK TO OEM. REINSTALL USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24512-79 / ATCHD OIL PMP MECH SEAL - REPL

**MJC:** EXECJJ47

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 495

**ManDays:** 11

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPLACE THE ATTACHED REDUCTION GEAR DRIVEN HYDRAULIC OIL (ROTARY SCREW) PUMP MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-24512-80 / ATCHD OIL PMP BRGS - REPL

**MJC:** EXECJJ48

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 495

**ManDays:** 11

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE ATTACHED REDUCTION GEAR DRIVEN HYDRAULIC OIL PUMP (ROTARY SCREW) BEARINGS, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24512-81 / ATCHD OIL PMP ROTNG ASSY- REPL **MJC:** EXECJJ49 **Rev Date:** 08/02/2004

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 2 **Matl Forecast:**

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 495 **ManDays:** 11

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPLACE THE ATTACHED REDUCTION GEAR DRIVEN HYDRAULIC OIL PUMP (ROTARY SCREW) ROTATING ASSEMBLY, BEARINGS, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-24512-82 / ATCHD OIL PMP - REPL

**MJC:** EXECJJ50

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 495

**ManDays:** 11

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE ATTACHED REDUCTION GEAR DRIVEN HYDRAULIC OIL PUMP (ROTARY SCREW). REPLACE THE PUMP WITH NEW BASED ON CONDITION ASSESSMENT RECOMMENDATIONS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24512-83 / STBY OIL PMP MECH SEAL - REPL

**MJC:** EXECJJ51

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 495

**ManDays:** 11

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP (ROTARY/SCREW) OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24512-84 / STBY OIL PMP BRGS - REPL

**MJC:** EXECJJ52

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 495

**ManDays:** 11

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP (ROTARY/SCREW) OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM BEARINGS, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24512-85 / STBY OIL PMP ROTNG ASSY - REPL

**MJC:** EXECJJ53

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 495

**ManDays:** 11

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP (ROTARY/SCREW) OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM ROTATING ASSEMBLY, BEARINGS, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-24512-86 / STBY OIL PMP - REPL

**MJC:** EXECJJ54

**Rev Date:** 08/02/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 495

**ManDays:** 11

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP (ROTARY/SCREW) OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM. REPLACE THE PUMP WITH NEW BASED ON CONDITION ASSESSMENT RECOMMENDATIONS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** D-25210-1 / SHIPALT MCM1-0159D ACCOMP

**MJC:** EXSAD166

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 7

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-159D "MAIN CONTROL CONSOLE (MCC) VENTILATION HOOD INSTALLATION". PURPOSE: TO INSTALL A VENT OPENING IN THE TOP OF THE MAIN CONTROL CONSOLE TO PROVIDE BETTER COOLING TO THE MCC. |

**Task/Abbreviation:** A-25210-3 / AER MCM1-0827E - ACCOMP

**MJC:** EXTYA518

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 3,435

**ManDays:** 34

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00827, IF CAPILLARY GAGE HEAT SHIELD, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00827 WHICH MODIFIES JACKET WATER TEMP GAGE SYSTEM TO CORRECT DIFFERENCES IN TEMPERATURE READOUT BETWEEN LOCAL AND REMOTE THERMOMETERS. |

**Task/Abbreviation:** I-25211-1 / ENGRG CONT SYS - INSP

**MJC:** EXECI062

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE ENGINEERING CONTROL SYSTEMS (ECS). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. NOTE: 1. INSPECTIONS SHOULD BE ACCOMPLISHED BY NAVAL SURFACE WARFARE CENTER CARDEROCK DIVISION OR FLEET TECHNICAL SUPPORT CENTER WITH ASSISTANCE OF SHIP'S FORCE.

**Task/Abbreviation:** Q-25211-2 / ENGRG CONT SYS - RPR

**MJC:** EXECQ117

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,800

**ManDays:** 40

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH REPAIRS TO THE ENGINEERING CONTROL SYSTEMS (ECS) PER CONDITION ASSESSMENT RECOMMENDATIONS. NOTE: 1. REPAIRS/GROOMING SHOULD BE PERFORMED AT THE START AND END OF THE AVAILABILITY BY NAVAL SURFACE WARFARE CENTER CARDEROCK DIVISION (NSWCCD) OR FLEET TECHNICAL SUPPORT CENTER (FTSC) WITH ASSISTANCE OF SHIP'S FORCE. REFURBISHMENT, RESTORATION, AND CONFIGURATION CONTROL SHALL BE ACCOMPLISHED BY FTSC/OEM UNDER THE COGNIZANCE OF NSWCCD.

**Task/Abbreviation:** K-25211-3 / SHIPALT MCM1-0252K - ACCOMP

**MJC:** EXSAK264

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | NAVSEA AUTHORIZEDSHIPALT | ACCOMPLISH SHIPALT MCM1-252K "INTEGRATED SHIPS CONTROL SYS WHICH REPLACES THE MAIN CONTROL CONSOLE WITH NEW INTERGRAPH CONSOLES AND WORK STATIONS, PROVIDES FOR AN INTEGRATED CONDITION ASSESSMENT SYSTEM (ICAS), AND PROVIDES FOR WOODWARD 723 DIGITAL GOVERNOR CONTROLS FOR THE MAIN PROPULSION DIESEL ENGINES". |

**Task/Abbreviation:** M-25611-1 / (M)CIRC CLG SW EXP JOINTS-REPL **MJC:** EXECM099 **Rev Date:**

**Std Template:** **Sit Reqs:** **Priority:** Mandatory **Qty:** X **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 60 **Equip/Task:** X **Matl Cost:** 45 **ManDays:** 1

**Referenced Authority:**

NSTM CH-505, PARA, 505-3.3.7

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | NSTM REQUIREMENT DUE | INSPECT THE RUBBER EXPANSION JOINTS OF THE CIRCULATING AND COOLING SEA WATER PIPING SYSTEM. INSPECT INTERNALLY FOR CUTS, GOUGES AND DEFECTS AS FOLLOWS: A. FOR SMALLER DIAMETER JOINTS (16" AND UNDER) - REMOVE AND INSPECT RUBBER EXPANSION JOINTS. REPLACE WITH NEW ONES IF FOUND DEFECTIVE. B. FOR LARGER DIAMETER JOINTS (SUCH AS THOSE FOUND IN CONDENSER PIPING) - CHECK FROM INSIDE THE CONDENSER HEAD. REPLACE WITH NEW IF FOUND DEFECTIVE. C. REPLACE MAIN AND AUXILIARY CIRCULATING SYSTEM RUBBER EXPANSION JOINTS THAT HAVE EXCEEDED 120 MONTHS FROM DATE OF INSTALLATION. D. REALIGN JOINTS THAT FAIL ALIGNMENT IN ACCORDANCE WITH APPLICABLE TECHNICAL MANUAL. |

**Task/Abbreviation:** M-25612-1 / (M)CIRC CLG SW EXP JOINTS-REPL

**MJC:** EXECM100

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 60

**Equip/Task:** X

**Matl Cost:** 45

**ManDays:** 1

**Referenced Authority:**

NSTM CH-505, PARA, 505-3.3.7

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | NSTM REQUIREMENT DUE | INSPECT THE RUBBER EXPANSION JOINTS OF THE CIRCULATING AND COOLING SEA WATER PIPING SYSTEM. INSPECT INTERNALLY FOR CUTS, GOUGES AND DEFECTS AS FOLLOWS: A. FOR SMALLER DIAMETER JOINTS (16" AND UNDER) - REMOVE AND INSPECT RUBBER EXPANSION JOINTS. REPLACE WITH NEW ONES IF FOUND DEFECTIVE. B. FOR LARGER DIAMETER JOINTS (SUCH AS THOSE FOUND IN CONDENSER PIPING) - CHECK FROM INSIDE THE CONDENSER HEAD. REPLACE WITH NEW IF FOUND DEFECTIVE. C. REPLACE MAIN AND AUXILIARY CIRCULATING SYSTEM RUBBER EXPANSION JOINTS THAT HAVE EXCEEDED 120 MONTHS FROM DATE OF INSTALLATION. D. REALIGN JOINTS THAT FAIL ALIGNMENT IN ACCORDANCE WITH APPLICABLE TECHNICAL MANUAL. |

**Task/Abbreviation:** I-26111-1 A / FO SVCE PP - UT

**MJC:** EXECI101

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 450

**ManDays:** 9

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ULTRASONICALLY-TEST THE FUEL OIL SERVICE SYSTEM PIPING AS FOLLOWS: A. CLEAN PIPING TO BARE METAL AT AREAS TO BE TESTED. B. OBTAIN FOUR (4) READINGS AT EACH SELECTED AREA, NINETY DEGREES (90 DEGS) APART IN THE FOLLOWING AREAS: 1. AT ALL BENDS (PARTICULARLY THE OUTSIDE RADIUS). 2. AREAS ADJACENT TO HANGERS AND EXTERNAL CORROSION. C. PRESERVE DISTURBED PIPING AREAS. D. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. NOTE: 1. ULTRASONIC TESTING NOT REQUIRED ON MONEL PIPING.

**Task/Abbreviation:** I-26112-1 A / FO SVCE PP - UT

**MJC:** EXECI103

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 450

**ManDays:** 9

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ULTRASONICALLY-TEST THE FUEL OIL SERVICE SYSTEM PIPING AS FOLLOWS: A. CLEAN PIPING TO BARE METAL AT AREAS TO BE TESTED. B. OBTAIN FOUR (4) READINGS AT EACH SELECTED AREA, NINETY DEGREES (90 DEGS) APART IN THE FOLLOWING AREAS: 1. AT ALL BENDS (PARTICULARLY THE OUTSIDE RADIUS). 2. AREAS ADJACENT TO HANGERS AND EXTERNAL CORROSION. C. PRESERVE DISTURBED PIPING AREAS. D. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. NOTE: 1. ULTRASONIC TESTING NOT REQUIRED ON MONEL PIPING.

**Task/Abbreviation:** I-26131-1 / FO PURIFIER - INSP

**MJC:** EXECI235

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE FUEL OIL PURIFIER UNIT. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP TO INCLUDE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TEST. C. VIBRATION ANALYSIS SURVEY. NOTE: TO BE ACCOMPLISHED AS PART OF TARGET.

**Task/Abbreviation:** Q-26131-2 / FO PURIFIER - RPR

**MJC:** EXECQ821

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,475

**ManDays:** 55

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REPAIR THE FUEL OIL PURIFIER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. REMOVE, DISASSEMBLE, CLEAN AND INSPECT PARTS AND COMPONENTS. ON COMPLETION OF REPAIRS, PER OEM TECHNICAL REPRESENTATIVE DIRECTIONS AND AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW BEARINGS, GASKETS, O-RINGS AND PACKING. CALIBRATE GAUGES AND THERMOMETERS. TEST AND SET RELIEF VALVES. ALIGN MOTOR TO PURIFIER, ADJUST AND LUBRICATE. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. STRAIGHTEN SHAFT TO WITHIN 0.0005 INCHES TIR. B. REPLACE WORM (DRIVER HELICAL GEAR). C. REPLACE WORM GEAR (DRIVEN HELICAL GEAR). D. BALANCE PURIFIER BOWL AND SPINDLE ASSEMBLY. E. REPLACE PUMP DRIVEN GEAR AND SHAFT ASSEMBLY. F. REPLACE DESIGNATED PUMP DRIVEN GEARS. G. REPAIR PURIFIED OIL DISCHARGE/DIRTY OIL FEED PUMP(S). H. REPLACE PURIFIED OIL DISCHARGE/DIRTY OIL FEED PUMP(S). I. REPAIR BRAKE ASSEMBLY.

**Task/Abbreviation:** J-26131-10 / FO PUR (SFT/GEARS) - RPR/REPL

**MJC:** EXECJE76

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,475

**ManDays:** 55

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REMOVE, DISASSEMBLE AND CLEAN THE FUEL OIL PURIFIER TO THE EXTENT NECESSARY TO STRAIGHTEN THE SHAFT, REPLACE WORM (DRIVER HELICAL GEAR) AND WORM (DRIVEN HELICAL GEAR). INSPECT PARTS AND COMPONENTS. ON COMPLETION OF REPAIRS, PER OEM TECHNICAL REPRESENTATIVE DIRECTIONS AND AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW BEARINGS, GASKETS, O-RINGS AND PACKING. CALIBRATE GAUGES AND THERMOMETERS. TEST AND SET RELIEF VALVES. ALIGN MOTOR TO PURIFIER, ADJUST AND LUBRICATE. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. STRAIGHTEN SHAFT TO WITHIN 0.0005 INCHES TIR. B. REPLACE WORM (DRIVER HELICAL GEAR). C. REPLACE WORM GEAR (DRIVEN HELICAL GEAR).

**Task/Abbreviation:** J-26131-11 / FO PUR (GEARS/SFT) - REPL

**MJC:** EXECJE77

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,475

**ManDays:** 55

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REMOVE, DISASSEMBLE AND CLEAN THE FUEL OIL PURIFIER TO THE EXTENT NECESSARY TO REPLACE THE WORM (DRIVER HELICAL GEAR), THE WORM (DRIVEN HELICAL GEAR) AND THE PUMP DRIVEN GEAR AND SHAFT ASSEMBLY. INSPECT PARTS AND COMPONENTS. ON COMPLETION OF REPAIRS, PER OEM TECHNICAL REPRESENTATIVE DIRECTIONS AND AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW BEARINGS, GASKETS, O-RINGS AND PACKING. CALIBRATE GAUGES AND THERMOMETERS. TEST AND SET RELIEF VALVES. ALIGN MOTOR TO PURIFIER, ADJUST AND LUBRICATE. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE WORM (DRIVER HELICAL GEAR). B. REPLACE WORM GEAR (DRIVEN HELICAL GEAR). C. REPLACE PUMP DRIVEN GEAR AND SHAFT ASSEMBLY.

**Task/Abbreviation:** J-26131-12 / FO PUR (BOWL ASSY) - RPR

**MJC:** EXECJE78

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,475

**ManDays:** 55

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REMOVE, DISASSEMBLE AND CLEAN THE FUEL OIL PURIFIER TO THE EXTENT NECESSARY TO REPAIR AND BALANCE THE BOWL ASSEMBLY. INSPECT PARTS AND COMPONENTS. ON COMPLETION OF REPAIRS, PER OEM TECHNICAL REPRESENTATIVE DIRECTIONS AND AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW BEARINGS, GASKETS, O-RINGS AND PACKING. CALIBRATE GAUGES AND THERMOMETERS. TEST AND SET RELIEF VALVES. ALIGN MOTOR TO PURIFIER, ADJUST AND LUBRICATE. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPAIR AND BALANCE BOWL ASSEMBLY.

**Task/Abbreviation:** J-26131-13 / FO PUR (FD PMPS) - RPR

**MJC:** EXECJE79

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,475

**ManDays:** 55

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REMOVE, DISASSEMBLE AND CLEAN THE FUEL OIL PURIFIER TO THE EXTENT NECESSARY TO REPAIR THE PURIFIED OIL DISCHARGE/DIRTY OIL FEED PUMP(S). INSPECT PARTS AND COMPONENTS. ON COMPLETION OF REPAIRS, PER OEM TECHNICAL REPRESENTATIVE DIRECTIONS AND AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW BEARINGS, GASKETS, O-RINGS AND PACKING. CALIBRATE GAUGES AND THERMOMETERS. TEST AND SET RELIEF VALVES. ALIGN MOTOR TO PURIFIER, ADJUST AND LUBRICATE. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.
A. REPAIR PURIFIED OIL DISCHARGE/DIRTY OIL FEED PUMP(S).

**Task/Abbreviation:** J-26131-14 / FO PUR (FD PMPS) - REPL

**MJC:** EXECJE80

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,475

**ManDays:** 55

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REMOVE, DISASSEMBLE AND CLEAN THE FUEL OIL PURIFIER TO THE EXTENT NECESSARY TO REPLACE THE PURIFIED OIL DISCHARGE/DIRTY OIL FEED PUMP(S). INSPECT PARTS AND COMPONENTS. ON COMPLETION OF REPAIRS, PER OEM TECHNICAL REPRESENTATIVE DIRECTIONS AND AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW BEARINGS, GASKETS, O-RINGS AND PACKING. CALIBRATE GAUGES AND THERMOMETERS. TEST AND SET RELIEF VALVES. ALIGN MOTOR TO PURIFIER, ADJUST AND LUBRICATE. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.
A. REPLACE PURIFIED OIL DISCHARGE/DIRTY OIL FEED PUMP(S).

**Task/Abbreviation:** J-26131-15 / FO PUR (BRAKE ASSY) - RPR

**MJC:** EXECJE81

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,475

**ManDays:** 55

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REMOVE, DISASSEMBLE AND CLEAN THE FUEL OIL PURIFIER TO THE EXTENT NECESSARY TO REPAIR THE BRAKE ASSEMBLY. INSPECT PARTS AND COMPONENTS. ON COMPLETION OF REPAIRS, PER OEM TECHNICAL REPRESENTATIVE DIRECTIONS AND AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW BEARINGS, GASKETS, O-RINGS AND PACKING. CALIBRATE GAUGES AND THERMOMETERS. TEST AND SET RELIEF VALVES. ALIGN MOTOR TO PURIFIER, ADJUST AND LUBRICATE. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPAIR BRAKE ASSEMBLY.

**Task/Abbreviation:** J-26131-16 / FO PUR (DISCS) - REPL

**MJC:** EXECJE82

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,475

**ManDays:** 55

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REMOVE, DISASSEMBLE AND CLEAN THE FUEL OIL PURIFIER TO THE EXTENT NECESSARY TO REPLACE THE DISCS. INSPECT PARTS AND COMPONENTS. ON COMPLETION OF REPAIRS, PER OEM TECHNICAL REPRESENTATIVE DIRECTIONS AND AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW BEARINGS, GASKETS, O-RINGS AND PACKING. CALIBRATE GAUGES AND THERMOMETERS. TEST AND SET RELIEF VALVES. ALIGN MOTOR TO PURIFIER, ADJUST AND LUBRICATE. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE DISCS.

**Task/Abbreviation:** I-26231-1 / MN LO ATCHD PMP UNIT - INSP

**MJC:** EXECI102

**Rev Date:** 09/24/2001

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE ATTACHED MAIN LUBE OIL PUMP. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP TO INCLUDE THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TEST. C. VIBRATION ANALYSIS. D. CAPACITY FLOW TEST.

**Task/Abbreviation:** I-26232-1 / MN LO ATCHD PMP UNIT - INSP

**MJC:** EXECI103

**Rev Date:** 09/27/2001

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE ATTACHED MAIN LUBE OIL PUMP. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP TO INCLUDE THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TEST. C. VIBRATION ANALYSIS. D. CAPACITY FLOW TEST.

**Task/Abbreviation:** I-26241-1 / NON ATCHD LO PMP UNIT - INSP

**MJC:** EXECI104

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE NON-ATTACHED MAIN LUBE OIL PUMP. REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE TEST. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E. RESILIENT MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS SURVEY. G. CONDUCT FLOW TEST. REPORT ANY NEW WORK REQUIRED ON A SEPARATE JOB.

**Task/Abbreviation:** Q-26241-7 / NON ATCHD LO PMP - RPR

**MJC:** EXECQ824

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,980

**ManDays:** 44

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE ROTARY/SCREW PUMP TO THE SHOP. OPEN PUMP CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD ROTOR AND HOUSING BORE DIAMETER, CLEARANCES AND RUNOUTS A. ACCOMPLISH NDT OF PUMP SHAFT AND ROTOR ASSEMBLY. B. RESURFACE AND MACHINE SHAFT JOURNALS IN WAY OF PACKING AND BEARINGS. C. STONE/DRESS BEARING HOUSING FIT AREAS. D. STONE/DRESS TIMING GEARS. E. RESURFACE AND MACHINE PUMP CASING BORES USING AUTHORIZED COATING SYSTEM. F. STONE/DRESS CASING MATING AND SEALING SURFACE. G. REPLACE PUMP ROTOR SHAFT AND KEY. H. REPLACE PUMP ROTOR ASSEMBLY AND ENSURE ROTOR TO CASING CLEARANCES. I. REPLACE LINER/SLEEVE ASSEMBLY. J. REPLACE PUMP CASING. K. REPLACE TIMING GEAR SET AND ENSURE PROPER CLEARANCES. L. REPLACE TIMING GEAR SPACERS. M. REPLACE THRUST WASHERS AND ENSURE PROPER CLEARANCES. N. REPLACE COUPLING. REASSEMBLE UNIT WITH NEW GASKET, BEARINGS, PACKING, MECHANICAL SEAL (IF INSTALLED), FASTENERS, O- RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** Q-26241-9 / NON ATCHD LO PMP MOT - RPR

**MJC:** EXECQ272

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 945

**ManDays:** 21

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH REPAIRS TO THE NON-ATTACHED MAIN LUBE OIL PUMP ELECTRIC MOTOR PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP, AND ACCOMPLISH ONE OF THE FOLLOWING: A. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** Q-26241-11 / MN LO CLR - RPR

**MJC:** EXECQ825

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 405

**ManDays:** 9

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH THE FOLLOWING REPAIRS TO THE MAIN LUBE OIL COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPLACE TUBE SHEETS. H. REPAIR TUBE SUPPORT PLATES. I. REPLACE HEADS. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. CHEMICALLY-CLEAN MAIN LUBE OIL COOLER. L. REPLACE TUBE BUNDLE.

**Task/Abbreviation:** J-26241-22 / MN LO CLR - PLUG TB

**MJC:** EXECJ451

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 405

**ManDays:** 9

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-26241-23 / MN LO CLR - REPL TB BUNDLE

**MJC:** EXECJ453

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 405

**ManDays:** 9

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-26241-24 / MN LO CLR - REPL TB

**MJC:** EXECJ455

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 405

**ManDays:** 9

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-26241-25 / MN LO CLR - REPL ZINCS

**MJC:** EXECJ457

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 405

**ManDays:** 9

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-26241-26 / MN LO CLR - REROLL TB

**MJC:** EXECJ459

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 405

**ManDays:** 9

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-26241-27 / MN LO CLR - RPR TB SH

**MJC:** EXECJ461

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 405

**ManDays:** 9

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-26241-28 / MN LO CLR-RPR TB SPRT PLATES **MJC:** EXECJ463 **Rev Date:** 07/13/2004

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 2 **Matl Forecast:**

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 405 **ManDays:** 9

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-26241-39 / NON ATCHD LO PMP MOT-RWND

**MJC:** EXECJB52

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 945

**ManDays:** 21

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REWIND THE ELECTRIC MOTOR OF THE NON-ATTACHED MAIN LUBE OIL PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-26241-40 / NON ATCHD LO PMP MOT-RPR

**MJC:** EXECJB54

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 945

**ManDays:** 21

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

RECONDITION THE ELECTRIC MOTOR OF THE NON-ATTACHED MAIN LUBE OIL PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-26241-41 / NON ATCHD LO PMP MOT BRG-REPL

**MJC:** EXECJB56

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 945

**ManDays:** 21

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | DISASSEMBLE THE ELECTRIC MOTOR OF THE NON-ATTACHED MAIN LUBE OIL PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-26241-46 / NON ATCHD LO PMP SEAL-REPL

**MJC:** EXECJK89

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,980

**ManDays:** 44

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE ROTARY/SCREW NON- ATTACHED MAIN LUBE OIL SERVICE PUMP MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-26241-47 / NON ATCHD LO PMP BRGS - REPL

**MJC:** EXECJK90

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,980

**ManDays:** 44

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE ROTARY/SCREW NON- ATTACHED MAIN LUBE OIL SERVICE PUMP BEARINGS, MECHANICAL SEAL (IF INSTALLED), FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-26241-48 / NON ATCHD LO PMP RT ASSY-REPL

**MJC:** EXECJK91

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,980

**ManDays:** 44

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE ROTARY/SCREW NON- ATTACHED MAIN LUBE OIL SERVICE PUMP ROTATING ASSEMBLY, BEARINGS, MECHANICAL SEAL (IF INSTALLED), FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-26241-49 / NON ATCHD LO PMP - REPL

**MJC:** EXECJK92

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,980

**ManDays:** 44

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE ROTARY/SCREW NON- ATTACHED MAIN LUBE OIL SERVICE PUMP. REPLACE THE PUMP WITH NEW BASED ON CONDITION ASSESSMENT RECOMMENDATIONS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** I-26242-1 / NON ATCHD LO PMP UNIT - INSP

**MJC:** EXECI105

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE NON-ATTACHED MAIN LUBE OIL PUMP. REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE TEST. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E. RESILIENT MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS SURVEY. G. CONDUCT FLOW TEST. REPORT ANY NEW WORK REQUIRED ON A SEPARATE JOB.

**Task/Abbreviation:** Q-26242-7 / NON ATCHD LO PMP - RPR

**MJC:** EXECQ274

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,980

**ManDays:** 44

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE ROTARY/SCREW PUMP TO THE SHOP. OPEN PUMP CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD ROTOR AND HOUSING BORE DIAMETER, CLEARANCES AND RUNOUTS A. ACCOMPLISH NDT OF PUMP SHAFT AND ROTOR ASSEMBLY. B. RESURFACE AND MACHINE SHAFT JOURNALS IN WAY OF PACKING AND BEARINGS. C. STONE/DRESS BEARING HOUSING FIT AREAS. D. STONE/DRESS TIMING GEARS. E. RESURFACE AND MACHINE PUMP CASING BORES USING AUTHORIZED COATING SYSTEM. F. STONE/DRESS CASING MATING AND SEALING SURFACE. G. REPLACE PUMP ROTOR SHAFT AND KEY. H. REPLACE PUMP ROTOR ASSEMBLY AND ENSURE ROTOR TO CASING CLEARANCES. I. REPLACE LINER/SLEEVE ASSEMBLY. J. REPLACE PUMP CASING. K. REPLACE TIMING GEAR SET AND ENSURE PROPER CLEARANCES. L. REPLACE TIMING GEAR SPACERS. M. REPLACE THRUST WASHERS AND ENSURE PROPER CLEARANCES. N. REPLACE COUPLING. REASSEMBLE UNIT WITH NEW GASKET, BEARINGS, PACKING, MECHANICAL SEAL (IF INSTALLED), FASTENERS, O RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** Q-26242-9 / NON ATCHD LO PMP MOT - RPR

**MJC:** EXECQ276

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 945

**ManDays:** 21

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH REPAIRS TO THE NON-ATTACHED MAIN LUBE OIL PUMP ELECTRIC MOTOR PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP, AND ACCOMPLISH ONE OF THE FOLLOWING: A. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** Q-26242-11 / MN LO CLR - RPR

**MJC:** EXECQ830

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 405

**ManDays:** 9

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH THE FOLLOWING REPAIRS TO THE MAIN LUBE OIL COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY-TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPLACE TUBE SHEETS. H. REPAIR TUBE SUPPORT PLATES. I. REPLACE HEADS. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. CHEMICALLY-CLEAN MAIN LUBE OIL COOLER. L. REPLACE TUBE BUNDLE.

**Task/Abbreviation:** J-26242-22 / MN LO CLR - PLUG TB

**MJC:** EXECJ452

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 405

**ManDays:** 9

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-26242-23 / MN LO CLR - REPL TB BUNDLE

**MJC:** EXECJ454

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 405

**ManDays:** 9

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-26242-24 / MN LO CLR - REPL TB

**MJC:** EXECJ456

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 405

**ManDays:** 9

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-26242-25 / MN LO CLR - REPL ZINCS

**MJC:** EXECJ458

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 405

**ManDays:** 9

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-26242-26 / MN LO CLR - REROLL TB

**MJC:** EXECJ460

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 405

**ManDays:** 9

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-26242-27 / MN LO CLR - RPR TB SH

**MJC:** EXECJ462

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 405

**ManDays:** 9

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-26242-28 / MN LO CLR-RPR TB SPRT PLATES

**MJC:** EXECJ464

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 405

**ManDays:** 9

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-26242-39 / NON ATCHD LO PMP MOT-RWND

**MJC:** EXECJB53

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 945

**ManDays:** 21

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REWIND THE ELECTRIC MOTOR OF THE NON-ATTACHED MAIN LUBE OIL PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-26242-40 / NON ATCHD LO PMP MOT-RPR

**MJC:** EXECJB55

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 945

**ManDays:** 21

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

RECONDITION THE ELECTRIC MOTOR OF THE NON-ATTACHED MAIN LUBE OIL PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-26242-41 / NON ATCHD LO PMP MOT BRG-REPL

**MJC:** EXECJB57

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 945

**ManDays:** 21

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | DISASSEMBLE THE ELECTRIC MOTOR OF THE NON-ATTACHED MAIN LUBE OIL PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-26242-46 / NON ATCHD LO PMP SEAL-REPL

**MJC:** EXECJL01

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,980

**ManDays:** 44

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE ROTARY/SCREW NON- ATTACHED MAIN LUBE OIL SERVICE PUMP MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-26242-47 / NON ATCHD LO PMP BRGS - REPL

**MJC:** EXECJL02

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,980

**ManDays:** 44

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE ROTARY/SCREW NON- ATTACHED MAIN LUBE OIL SERVICE PUMP BEARINGS, MECHANICAL SEAL (IF INSTALLED), FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-26242-48 / NON ATCHD LO PMP RT ASSY-REPL

**MJC:** EXECJL03

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,980

**ManDays:** 44

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE ROTARY/SCREW NON- ATTACHED MAIN LUBE OIL SERVICE PUMP ROTATING ASSEMBLY, BEARINGS, MECHANICAL SEAL (IF INSTALLED), FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-26242-49 / NON ATCHD LO PMP - REPL

**MJC:** EXECJL04

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,980

**ManDays:** 44

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE ROTARY/SCREW NON- ATTACHED MAIN LUBE OIL SERVICE PUMP. REPLACE THE PUMP WITH NEW BASED ON CONDITION ASSESSMENT RECOMMENDATIONS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** I-26431-1 / LO PURIFIER UNIT - INSP

**MJC:** EXECI107

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE LUBE OIL PURIFIER UNIT. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP TO INCLUDE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TESTS. C. VIBRATION ANALYSIS SURVEY. D. ELECTRICAL INSULATION RESISTANCE TEST. E. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY.

**Task/Abbreviation:** Q-26431-2 / LO PURIFIER - RPR

**MJC:** EXECQ833

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,475

**ManDays:** 55

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REPAIR THE LUBE OIL PURIFIER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. REMOVE, DISASSEMBLE, CLEAN AND INSPECT PARTS AND COMPONENTS. ON COMPLETION OF REPAIRS, PER OEM TECHNICAL REPRESENTATIVE DIRECTIONS AND AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW BEARINGS, GASKETS, O-RINGS AND PACKING. CALIBRATE GAUGES AND THERMOMETERS. TEST AND SET RELIEF VALVES. ALIGN MOTOR TO PURIFIER, ADJUST AND LUBRICATE. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. STRAIGHTEN SHAFT TO WITHIN 0.0005 INCHES TIR. B. REPLACE WORM (DRIVER HELICAL GEAR). C. REPLACE WORM GEAR (DRIVEN HELICAL GEAR). D. BALANCE PURIFIER BOWL AND SPINDLE ASSEMBLY. E. REPLACE PUMP DRIVEN GEAR AND SHAFT ASSEMBLY. F. REPLACE DESIGNATED PUMP DRIVEN GEARS. G. REPAIR PURIFIED OIL DISCHARGE/DIRTY OIL FEED PUMP(S). H. REPLACE PURIFIED OIL DISCHARGE/DIRTY OIL FEED PUMP(S). I. REPAIR BRAKE ASSEMBLY.

**Task/Abbreviation:** Q-26431-3 / LO PURIFIER MOT - RPR

**MJC:** EXECQ285

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 315

**ManDays:** 7

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH REPAIRS TO THE LUBE OIL PURIFIER ELECTRIC MOTOR PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP, AND ACCOMPLISH ONE OF THE FOLLOWING: A. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** A-26431-8 / AER MCM1-0672E - ACCOMP

**MJC:** EXTYA521

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 281

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00672, PURIIFER CONTROL PANEL, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00672 WHICH PROVIDES SPLASH COVER OVER FUNNELS IN PROXIMITY OF LUBE OIL PURIFIER CONTROL PANEL. |

**Task/Abbreviation:** J-26431-11 / LO PURIFIER MOT-RWND

**MJC:** EXECJC09

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 315

**ManDays:** 7

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REWIND THE LUBE OIL PURIFIER MOTOR IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-26431-12 / LO PURIFIER MOT-RPR

**MJC:** EXECJC10

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 315

**ManDays:** 7

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

RECONDITION THE LUBE OIL PURIFIER MOTOR IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-26431-13 / LO PURIFIER MOT BRG-REPL

**MJC:** EXECJC11

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 315

**ManDays:** 7

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE LUBE OIL PURIFIER MOTOR. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-26431-14 / LO PUR (SFT/GEARS) - RPR/REPL

**MJC:** EXECJE97

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,475

**ManDays:** 55

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REMOVE, DISASSEMBLE AND CLEAN THE LUBE OIL PURIFIER TO THE EXTENT NECESSARY TO STRAIGHTEN THE SHAFT, REPLACE WORM (DRIVER HELICAL GEAR) AND WORM (DRIVEN HELICAL GEAR). INSPECT PARTS AND COMPONENTS. ON COMPLETION OF REPAIRS, PER OEM TECHNICAL REPRESENTATIVE DIRECTIONS AND AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW BEARINGS, GASKETS, O-RINGS AND PACKING. CALIBRATE GAUGES AND THERMOMETERS. TEST AND SET RELIEF VALVES. ALIGN MOTOR TO PURIFIER, ADJUST AND LUBRICATE. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. STRAIGHTEN SHAFT TO WITHIN 0.0005 INCHES TIR. B. REPLACE WORM (DRIVER HELICAL GEAR). C. REPLACE WORM GEAR (DRIVEN HELICAL GEAR).

**Task/Abbreviation:** J-26431-15 / LO PUR (GEARS/SFT) - REPL

**MJC:** EXECJE98

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,475

**ManDays:** 55

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REMOVE, DISASSEMBLE AND CLEAN THE LUBE OIL PURIFIER TO THE EXTENT NECESSARY TO REPLACE THE WORM (DRIVER HELICAL GEAR), THE WORM (DRIVEN HELICAL GEAR) AND THE PUMP DRIVEN GEAR AND SHAFT ASSEMBLY. INSPECT PARTS AND COMPONENTS. ON COMPLETION OF REPAIRS, PER OEM TECHNICAL REPRESENTATIVE DIRECTIONS AND AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW BEARINGS, GASKETS, O-RINGS AND PACKING. CALIBRATE GAUGES AND THERMOMETERS. TEST AND SET RELIEF VALVES. ALIGN MOTOR TO PURIFIER, ADJUST AND LUBRICATE. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE WORM (DRIVER HELICAL GEAR). B. REPLACE WORM GEAR (DRIVEN HELICAL GEAR). C. REPLACE PUMP DRIVEN GEAR AND SHAFT ASSEMBLY.

**Task/Abbreviation:** J-26431-16 / LO PUR (BOWL ASSY) - RPR

**MJC:** EXECJE99

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,475

**ManDays:** 55

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REMOVE, DISASSEMBLE AND CLEAN THE LUBE OIL PURIFIER TO THE EXTENT NECESSARY TO REPAIR AND BALANCE THE BOWL ASSEMBLY. INSPECT PARTS AND COMPONENTS. ON COMPLETION OF REPAIRS, PER OEM TECHNICAL REPRESENTATIVE DIRECTIONS AND AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW BEARINGS, GASKETS, O-RINGS AND PACKING. CALIBRATE GAUGES AND THERMOMETERS. TEST AND SET RELIEF VALVES. ALIGN MOTOR TO PURIFIER, ADJUST AND LUBRICATE. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPAIR AND BALANCE BOWL ASSEMBLY.

**Task/Abbreviation:** J-26431-17 / LO PUR (FD PMPS) - RPR

**MJC:** EXECJF00

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,475

**ManDays:** 55

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REMOVE, DISASSEMBLE AND CLEAN THE LUBE OIL PURIFIER TO THE EXTENT NECESSARY TO REPAIR THE PURIFIED OIL DISCHARGE/DIRTY OIL FEED PUMP(S). INSPECT PARTS AND COMPONENTS. ON COMPLETION OF REPAIRS, PER OEM TECHNICAL REPRESENTATIVE DIRECTIONS AND AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW BEARINGS, GASKETS, O-RINGS AND PACKING. CALIBRATE GAUGES AND THERMOMETERS. TEST AND SET RELIEF VALVES. ALIGN MOTOR TO PURIFIER, ADJUST AND LUBRICATE. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.
A. REPAIR PURIFIED OIL DISCHARGE/DIRTY OIL FEED PUMP(S).

**Task/Abbreviation:** J-26431-18 / LO PUR (FD PMPS) - REPL

**MJC:** EXECJF01

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,475

**ManDays:** 55

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REMOVE, DISASSEMBLE AND CLEAN THE LUBE OIL PURIFIER TO THE EXTENT NECESSARY TO REPLACE THE PURIFIED OIL DISCHARGE/DIRTY OIL FEED PUMP(S). INSPECT PARTS AND COMPONENTS. ON COMPLETION OF REPAIRS, PER OEM TECHNICAL REPRESENTATIVE DIRECTIONS AND AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW BEARINGS, GASKETS, O-RINGS AND PACKING. CALIBRATE GAUGES AND THERMOMETERS. TEST AND SET RELIEF VALVES. ALIGN MOTOR TO PURIFIER, ADJUST AND LUBRICATE. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.
A. REPLACE PURIFIED OIL DISCHARGE/DIRTY OIL FEED PUMP(S).

**Task/Abbreviation:** J-26431-19 / LO PUR (BRAKE ASSY) - RPR

**MJC:** EXECJF02

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,475

**ManDays:** 55

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REMOVE, DISASSEMBLE AND CLEAN THE LUBE OIL PURIFIER TO THE EXTENT NECESSARY TO REPAIR THE BRAKE ASSEMBLY. INSPECT PARTS AND COMPONENTS. ON COMPLETION OF REPAIRS, PER OEM TECHNICAL REPRESENTATIVE DIRECTIONS AND AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW BEARINGS, GASKETS, O-RINGS AND PACKING. CALIBRATE GAUGES AND THERMOMETERS. TEST AND SET RELIEF VALVES. ALIGN MOTOR TO PURIFIER, ADJUST AND LUBRICATE. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPAIR BRAKE ASSEMBLY.

**Task/Abbreviation:** J-26431-20 / LO PUR (DISCS) - REPL

**MJC:** EXECJF03

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,475

**ManDays:** 55

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REMOVE, DISASSEMBLE AND CLEAN THE LUBE OIL PURIFIER TO THE EXTENT NECESSARY TO REPLACE THE DISCS. INSPECT PARTS AND COMPONENTS. ON COMPLETION OF REPAIRS, PER OEM TECHNICAL REPRESENTATIVE DIRECTIONS AND AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW BEARINGS, GASKETS, O-RINGS AND PACKING. CALIBRATE GAUGES AND THERMOMETERS. TEST AND SET RELIEF VALVES. ALIGN MOTOR TO PURIFIER, ADJUST AND LUBRICATE. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE DISCS.

**Task/Abbreviation:** K-31120-4 / SHIPALT MCM1-0180K ACCOMP

**MJC:** EXSAK256

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 250

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-180K "SSDG BEDPLATE UPGRADE". |

**Task/Abbreviation:** A-31120-5 / AER MCM1-0846E - ACCOMP

**MJC:** EXTYA065

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FLEET REQUIREMENT

**Reason:**

BASELINE

**Problem Description:**

TYCOM AUTHORIZED ALTERATION

**Recommended Solution:**

ACCOMPLISH AER MCM1-846E "REPLACE SSDG BEARINGS" WHICH ELIMINATES THE REQUIREMENT TO GREASE THE GENERATOR BEARINGS WHICH CAN CAUSE WINDING CONTAMINATION BY REPLACING THE BEARINGS WITH FULL-SHIELD TYPE BEARINGS THAT DO NOT REQUIRE GREASING.

**Task/Abbreviation:** I-31121-1 / SSDG AC GEN - INSP/ TST

**MJC:** EXECI112

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE SHIP SERVICE DIESEL GENERATOR. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. TO INCLUDE: A. ALARM AND SAFETY DEVICES. B. GOVERNOR SYSTEM, OVERSPEED C. GOVERNOR SYSTEM, SPEED D. LOAD TESTS (SINGLE/PARALLEL MODES), OPERATIONAL E. REGULATION SYSTEM, VOLTAGE F. SYNCHRONIZING DEVICE SYSTEM.

**Task/Abbreviation:** I-31121-2 / SSDG DSL ENG - INSP/OP TST

**MJC:** EXECMJ36

**Rev Date:** 01/30/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

JOINT FLEET MAINTENANCE MANUAL INST 4790.3 VOLUME 4 PARA 7.3

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM/MHC | JOINT FLEET MAINTENANCE MANUAL REQUIREMENT DUE | ACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE SHIP SERVICE DIESEL GENERATOR ENGINE IN ACCORDANCE WITH THE TYPE COMMANDER MAINTENANCE MANUAL. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP TO INCLUDE: A. ALARM AND SAFETY DEVICES. B. GOVERNOR SYSTEM, SPEED. C. LOAD TESTS (OPERATIONAL-SINGLE AND PARALLEL MODES). D. SYNCHRONIZING DEVICE SYSTEM. |

**Task/Abbreviation:** Q-31121-3 / SSDG DSL ENG - RPR

**MJC:** EXECQ310

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 6,885

**ManDays:** 153

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR SSDG ENGINE PER DIESEL ENGINE INSPECTION REPORT. DISASSEMBLE THE ENGINE TO THE EXTENT NECESSARY TO ACCOMPLISH DESIGNATED REPAIRS. ON COMPLETION OF REPAIRS, REASSEMBLE ENGINE, ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND GENERATOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE ____ MANDAYS OF LABOR AND _____ DOLLARS OF MATERIAL FOR REPAIRS. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.

**Task/Abbreviation:** Q-31121-29 / SSDG AC GEN - ALIGN

**MJC:** EXECQB81

**Rev Date:** 01/19/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ALIGN THE A.C. GENERATOR OF THE SHIP SERVICE DIESEL ENGINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS. MEASURE AND RECORD AS-FOUND CLEARANCES AND ALIGNMENT DATA. ENSURE THE GENERATOR BEARING, FIELD ROTORS AND STATOR ARE ALL WITHIN THE SAME CENTERLINE. ALIGN FIELD ROTOR TO THE DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP INCLUDING FINAL ALIGNMENT READINGS. A. ACCOMPLISH REQUIRED ALIGNMENT CORRECTIONS. B. INSTALL NEW GENERATOR STATOR-TO-FOUNDATIONS DOWELS. NOTE: GENERATOR ALIGNMENT MUST BE VERIFIED UPON ENGINE REMOVAL/INSTALLATION ONLY.

**Task/Abbreviation:** Z-31121-30 / SSDG SET - INSP EXCITER

**MJC:** EXECZ031

**Rev Date:** 01/19/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 1

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT THE GENERATOR AND BRUSHLESS EXCITER IN ACCORDANCE WITH MIP 3112/009-77, MRC 56 8CVM N (FOR MCM 1 CLASS SHIPS) OR MIP 3112/015-77, MRC 56 8YDR N (FOR MHC 51 CLASS SHIPS). MEASURE INSULATION RESISTANCE OF STATOR, ROTOR, AND BRUSHLESS EXCITER AND VERIFY VALUES ARE ACCEPTABLE.

**Task/Abbreviation:** Z-31121-31 / SSDG SET - TST RELAY

**MJC:** EXECZ018

**Rev Date:** 01/19/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 6

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

TEST THE GENERATOR SET SOLID-STATE REVERSE POWER RELAY IN ACCORDANCE WITH MIP 3112/009-77, MRC 25 8JXT N (FOR MCM 1 CLASS SHIPS) OR MIP 3112/015-77, MRC 56 8YEC N (FOR MHC 51 CLASS SHIPS).

**Task/Abbreviation:** Z-31121-32 / SSDG ENG FDN BOLTS - TORQUE

**MJC:** EXECZ021

**Rev Date:** 01/19/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | TORQUE THE GENERATOR SET DIESEL ENGINE FOUNDATION BOLTS IN ACCORDANCE WITH MIP 3112/009-77, MRC 47 8HKE N (FOR MCM 1 CLASS SHIPS) OR S9233-C4-MMA-010 FOR MHC 51 CLASS SHIPS. |

**Task/Abbreviation:** Z-31121-33 / SSDG SET CONT EQPT - CLN/ INSP

**MJC:** EXECZ007

**Rev Date:** 01/19/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | CLEAN AND INSPECT THE GENERATOR SET CONTROL EQUIPMENT, ENCLOSURES AND CONNECTION BOXES IN ACCORDANCE WITH MIP 3112/009-77, MRC 26 8SNW N (FOR MCM 1 CLASS SHIPS) OR MIP 3112/015-77, MRC 56 8YEE N (FOR MHC 51 CLASS SHIPS). |

**Task/Abbreviation:** Z-31121-34 / SSDG SET ELASTOMERIC CPLG-INSP **MJC:** EXECZ010 **Rev Date:** 01/19/1999

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 3 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 24 **Equip/Task:** 1 **Matl Cost:** **ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT THE GENERATOR SET ELASTOMERIC COUPLING RUBBER INSERTS IN ACCORDANCE WITH MIP 3112/009-77, MRC B5 8VZK Y (FOR MCM 1 CLASS SHIPS) OR S9233-C4-MMA-010 FOR MHC 51 CLASS SHIPS. |

**Task/Abbreviation:** Q-31121-43 / MCM/MHC SSDG AC GEN - RPR

**MJC:** EXECQK31 **Rev Date:** 06/05/2000

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 3 **Matl Forecast:** YES

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 2,835 **ManDays:** 63

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE END COVERS & INNER AIR SHIELD OF A.C. GENERATOR OF THE SSDG SET. INSPECT FIELD ROTOR FAN RING ASSEMBLY. MEASURE INSULATION RESISTANCE OF THE FIELD & STATOR WINDINGS. VERIFY CONTINUITY OF REMOTE TEMPERATURE DETECTOR CIRCUITRY. RECORD AS-FOUND & POST-REPAIR CLEARANCES. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. CLEAN BRUSH RIGGING IN-PLACE WITH APPROVED SOLVENT. REPLACE/SEAT COLLECTOR RING BRUSHES. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING JOINT SEALANTS & NEW GASKETS. ACCOMPLISH SATISFACTORY OPERATIONAL TEST & VIBRATION ANALYSIS SURVEY. A. CLEAN STATOR AND ROTOR WINDINGS. PROVIDE INSULATION RESISTANCE READINGS ON COMPLETION. B. MACHINE/POLISH COLLECTOR RING ASSEMBLY IN-PLACE. C. REWIND FIELD. D. REPLACE FIELD ROTOR. E. REWIND STATOR. F. REPLACE STATOR ASSEMBLY. G. REPLACE DESIGNATED OIL DEFLECTORS. NOTE. 1. GENERATOR STATOR SPACE HEATERS TO BE ENERGIZED. 2. SUPSHIP UTILIZE SWT 311-05 FOR GUIDANCE IN DEVELOPING THIS SPECIFICATION. |

**Task/Abbreviation:** I-31121-44 / POST DSL ENG OVHL INSP- ACCOMP

**MJC:** EXECIK24

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 150

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

WHEN SIGNIFICANT MAINTENANCE HAS BEEN COMPLETED OR AN ENGINE OVERHAUL PERFORMED, A POST-ENGINE OVERHAUL/REPAIR INSPECTION SHALL BE CONDUCTED BY THE TYPE COMMANDER DIESEL ENGINE INSPECTOR PRIOR TO CONTINUOUS OPERATION. ACCOMPLISH POST DIESEL ENGINE OVERHAUL INSPECTION AS FOLLOWS: A. NOTIFY THE NSA TEN WORK DAYS PRIOR TO START UP OF ENGINE. B. REMOVE COMPONENTS FROM THE ENGINE AS DIRECTED BY THE DIESEL ENGINE INSPECTOR. C. ASSIST THE DIESEL ENGINE INSPECTOR IN TAKING CRANKSHAFT DEFLECTION AND THRUST READINGS. (NOTE: USE SMWG TEMPLATE #233-50 FOR GUIDANCE.)

**Task/Abbreviation:** J-31121-78 / MS SSDG AC GEN W/RTR RMV-CLN

**MJC:** EXECJB58

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,835

**ManDays:** 63

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE MINE SWEEP SHIP SERVICE DIESEL GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. REMOVE ROTATING ASSEMBLIES. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. RECONDITION EXCITER AND MAIN ROTOR IN ACCORDANCE WITH THE REQUIREMENTS OF 009-17. REPAIR END BELLS. IN PLACE CLEAN, RINSE, & DRY THE STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. INSTALL NEW BEARINGS, SEALS AND GASKETS. INSTALL ROTATING ASSEMBLIES. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-31121-79 / MS SSDG AC GEN RTD(S)-REPL

**MJC:** EXECJB61

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,835

**ManDays:** 63

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

OPEN, INSPECT, AND RECORD CONTINUITY OF RTD(S) CIRCUITRY OF THE A.C. GENERATOR OF THE MINE SWEEP SHIP SERVICE DIESEL GENERATOR SET. REPLACE DEFECTIVE RTD(S). VERIFY CONTINUITY OF RTD(S) CIRCUITRY. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-31121-80 / MS SSDG AC GEN IN PLACE-CLN

**MJC:** EXECJB64

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,835

**ManDays:** 63

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE MINE SWEEP SHIP SERVICE DIESEL GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. IN PLACE CLEAN, RINSE, & DRY THE ROTOR AND STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-31121-81 / MS SSDG AC GEN BEARINGS-REPL

**MJC:** EXECJB67

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,835

**ManDays:** 63

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE MINE SWEEP SHIP SERVICE DIESEL GENERATOR SET. REPLACE BEARINGS, SEALS, AND GASKETS. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** I-31122-1 / SSDG AC GEN - INSP/ TST

**MJC:** EXECI114

**Rev Date:** 12/12/2001

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE SHIP SERVICE DIESEL GENERATOR. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. TO INCLUDE: A. ALARM AND SAFETY DEVICES. B. GOVERNOR SYSTEM, OVERSPEED C. GOVERNOR SYSTEM, SPEED D. LOAD TESTS (SINGLE/PARALLEL MODES), OPERATIONAL E. REGULATION SYSTEM, VOLTAGE F. SYNCHRONIZING DEVICE SYSTEM.

**Task/Abbreviation:** I-31122-2 / SSDG DSL ENG - INSP/OP TST

**MJC:** EXECMJ37

**Rev Date:** 01/30/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

JOINT FLEET MAINTENANCE MANUAL INST 4790.3 VOLUME 4 PARA 7.3

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM/MHC | JOINT FLEET MAINTENANCE MANUAL REQUIREMENT DUE | ACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE SHIP SERVICE DIESEL GENERATOR ENGINE IN ACCORDANCE WITH THE TYPE COMMANDER MAINTENANCE MANUAL. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP TO INCLUDE: A. ALARM AND SAFETY DEVICES. B. GOVERNOR SYSTEM, SPEED. C. LOAD TESTS (OPERATIONAL-SINGLE AND PARALLEL MODES). D. SYNCHRONIZING DEVICE SYSTEM. |

**Task/Abbreviation:** Q-31122-3 / SSDG DSL ENG - RPR

**MJC:** EXECQ318

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 6,885

**ManDays:** 153

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR SSDG ENGINE PER DIESEL ENGINE INSPECTION REPORT. DISASSEMBLE THE ENGINE TO THE EXTENT NECESSARY TO ACCOMPLISH DESIGNATED REPAIRS. ON COMPLETION OF REPAIRS, REASSEMBLE ENGINE, ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND GENERATOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE ____ MANDAYS OF LABOR AND _____ DOLLARS OF MATERIAL FOR REPAIRS. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.

**Task/Abbreviation:** Q-31122-29 / SSDG AC GEN - ALIGN

**MJC:** EXECQB85 **Rev Date:** 01/20/1999

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 3 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 225 **ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ALIGN THE A.C. GENERATOR OF THE SHIP SERVICE DIESEL ENGINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS. MEASURE AND RECORD AS-FOUND CLEARANCES AND ALIGNMENT DATA. ENSURE THE GENERATOR BEARING, FIELD ROTORS AND STATOR ARE ALL WITHIN THE SAME CENTERLINE. ALIGN FIELD ROTOR TO THE DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP INCLUDING FINAL ALIGNMENT READINGS. A. ACCOMPLISH REQUIRED ALIGNMENT CORRECTIONS. B. INSTALL NEW GENERATOR STATOR-TO-FOUNDATIONS DOWELS. NOTE: GENERATOR ALIGNMENT MUST BE VERIFIED UPON ENGINE REMOVAL/INSTALLATION ONLY.

**Task/Abbreviation:** Z-31122-30 / SSDG SET - INSP EXCITER

**MJC:** EXECZ032

**Rev Date:** 01/20/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 1

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT THE GENERATOR AND BRUSHLESS EXCITER IN ACCORDANCE WITH MIP 3112/009-77, MRC 56 8CVM N (FOR MCM 1 CLASS SHIPS) OR MIP 3112/015-77, MRC 56 8YDR N (FOR MHC 51 CLASS SHIPS). MEASURE INSULATION RESISTANCE OF STATOR, ROTOR, AND BRUSHLESS EXCITER AND VERIFY VALUES ARE ACCEPTABLE.

**Task/Abbreviation:** Z-31122-31 / SSDG SET - TST RELAY

**MJC:** EXECZ019

**Rev Date:** 01/20/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 6

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | TEST THE GENERATOR SET SOLID-STATE REVERSE POWER RELAY IN ACCORDANCE WITH MIP 3112/009-77, MRC 25 8JXT N (FOR MCM 1 CLASS SHIPS) OR MIP 3112/015-77, MRC 56 8YEC N (FOR MHC 51 CLASS SHIPS). |

**Task/Abbreviation:** Z-31122-32 / SSDG ENG FDN BOLTS - TORQUE

**MJC:** EXECZ022

**Rev Date:** 01/20/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | TORQUE THE GENERATOR SET DIESEL ENGINE FOUNDATION BOLTS IN ACCORDANCE WITH MIP 3112/009-77, MRC 47 8HKE N (FOR MCM 1 CLASS SHIPS) OR S9233-C4-MMA-010 FOR MHC 51 CLASS SHIPS). |

**Task/Abbreviation:** Z-31122-33 / SSDG SET CONT EQPT - CLN/ INSP

**MJC:** EXECZ008

**Rev Date:** 01/20/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | CLEAN AND INSPECT THE GENERATOR SET CONTROL EQUIPMENT, ENCLOSURES AND CONNECTION BOXES IN ACCORDANCE WITH MIP 3112/009-77, MRC 26 8SNW N (FOR MCM 1 CLASS SHIPS) OR MIP 3112/015-77, MRC 56 8YEE N (FOR MHC 51 CLASS SHIPS). |

**Task/Abbreviation:** Z-31122-34 / SSDG SET ELASTOMERIC CPLG-INSP **MJC:** EXECZ011 **Rev Date:** 01/20/1999

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 3 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 24 **Equip/Task:** 1 **Matl Cost:** **ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT THE GENERATOR SET ELASTOMERIC COUPLING RUBBER INSERTS IN ACCORDANCE WITH MIP 3112/009-77, MRC B5 8VZK Y (FOR MCM 1 CLASS SHIPS) OR APPLICABLE TECHNICAL MANUAL FOR MHC 51 CLASS SHIPS. |

**Task/Abbreviation:** Q-31122-43 / MCM/MHC SSDG AC GEN - RPR

**MJC:** EXECQK32

**Rev Date:** 06/05/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,835

**ManDays:** 63

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE END COVERS & INNER AIR SHIELD OF A.C. GENERATOR OF THE SSDG SET. INSPECT FIELD ROTOR FAN RING ASSEMBLY. MEASURE INSULATION RESISTANCE OF THE FIELD & STATOR WINDINGS. VERIFY CONTINUITY OF REMOTE TEMPERATURE DETECTOR CIRCUITRY. RECORD AS-FOUND & POST-REPAIR CLEARANCES. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. CLEAN BRUSH RIGGING IN-PLACE WITH APPROVED SOLVENT. REPLACE/SEAT COLLECTOR RING BRUSHES. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING JOINT SEALANTS & NEW GASKETS. ACCOMPLISH SATISFACTORY OPERATIONAL TEST & VIBRATION ANALYSIS SURVEY. A. CLEAN STATOR AND ROTOR WINDINGS. PROVIDE INSULATION RESISTANCE READINGS ON COMPLETION. B. MACHINE/POLISH COLLECTOR RING ASSEMBLY IN-PLACE. C. REWIND FIELD. D. REPLACE FIELD ROTOR. E. REWIND STATOR. F. REPLACE STATOR ASSEMBLY. G. REPLACE DESIGNATED OIL DEFLECTORS. NOTE. 1. GENERATOR STATOR SPACE HEATERS TO BE ENERGIZED. 2. SUPSHIP UTILIZE SWT 311-05 FOR GUIDANCE IN DEVELOPING THIS SPECIFICATION.

**Task/Abbreviation:** I-31122-44 / POST DSL ENG OVHL INSP- ACCOMP **MJC:** EXECIK25 **Rev Date:** 09/27/2000

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 3 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 150 **ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

WHEN SIGNIFICANT MAINTENANCE HAS BEEN COMPLETED OR AN ENGINE OVERHAUL PERFORMED, A POST-ENGINE OVERHAUL/REPAIR INSPECTION SHALL BE CONDUCTED BY THE TYPE COMMANDER DIESEL ENGINE INSPECTOR PRIOR TO CONTINUOUS OPERATION. ACCOMPLISH POST DIESEL ENGINE OVERHAUL INSPECTION AS FOLLOWS: A. NOTIFY THE NSA TEN WORK DAYS PRIOR TO START UP OF ENGINE. B. REMOVE COMPONENTS FROM THE ENGINE AS DIRECTED BY THE DIESEL ENGINE INSPECTOR. C. ASSIST THE DIESEL ENGINE INSPECTOR IN TAKING CRANKSHAFT DEFLECTION AND THRUST READINGS. (NOTE: USE SMWG TEMPLATE #233-50 FOR GUIDANCE.)

**Task/Abbreviation:** J-31122-78 / MS SSDG AC GEN W/RTR RMV-CLN

**MJC:** EXECJB59

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,835

**ManDays:** 63

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE MINE SWEEP SHIP SERVICE DIESEL GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. REMOVE ROTATING ASSEMBLIES. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. RECONDITION EXCITER AND MAIN ROTOR IN ACCORDANCE WITH THE REQUIREMENTS OF 009-17. REPAIR END BELLS. IN PLACE CLEAN, RINSE, & DRY THE STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. INSTALL NEW BEARINGS, SEALS AND GASKETS. INSTALL ROTATING ASSEMBLIES. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-31122-79 / MS SSDG AC GEN RTD(S)-REPL

**MJC:** EXECJB62

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,835

**ManDays:** 63

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

OPEN, INSPECT, AND RECORD CONTINUITY OF RTD(S) CIRCUITRY OF THE A.C. GENERATOR OF THE MINE SWEEP SHIP SERVICE DIESEL GENERATOR SET. REPLACE DEFECTIVE RTD(S). VERIFY CONTINUITY OF RTD(S) CIRCUITRY. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-31122-80 / MS SSDG AC GEN IN PLACE-CLN

**MJC:** EXECJB65

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,835

**ManDays:** 63

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE MINE SWEEP SHIP SERVICE DIESEL GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. IN PLACE CLEAN, RINSE, & DRY THE ROTOR AND STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-31122-81 / MS SSDG AC GEN BEARINGS-REPL

**MJC:** EXECJB68

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,835

**ManDays:** 63

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE MINE SWEEP SHIP SERVICE DIESEL GENERATOR SET. REPLACE BEARINGS, SEALS, AND GASKETS. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** I-31123-1 / SSDG AC GEN - INSP/ TST

**MJC:** EXECI116

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE SHIP SERVICE DIESEL GENERATOR. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. TO INCLUDE: A. ALARM AND SAFETY DEVICES. B. GOVERNOR SYSTEM, OVERSPEED C. GOVERNOR SYSTEM, SPEED D. LOAD TESTS (SINGLE/PARALLEL MODES), OPERATIONAL E. REGULATION SYSTEM, VOLTAGE F. SYNCHRONIZING DEVICE SYSTEM.

**Task/Abbreviation:** I-31123-2 / SSDG DSL ENG - INSP/OP TST

**MJC:** EXECMJ38

**Rev Date:** 01/30/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

JOINT FLEET MAINTENANCE MANUAL INST 4790.3 VOLUME 4 PARA 7.3

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM/MHC | JOINT FLEET MAINTENANCE MANUAL REQUIREMENT DUE | ACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE SHIP SERVICE DIESEL GENERATOR ENGINE IN ACCORDANCE WITH THE TYPE COMMANDER MAINTENANCE MANUAL. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP TO INCLUDE: A. ALARM AND SAFETY DEVICES. B. GOVERNOR SYSTEM, SPEED. C. LOAD TESTS (OPERATIONAL-SINGLE AND PARALLEL MODES). D. SYNCHRONIZING DEVICE SYSTEM. |

**Task/Abbreviation:** Q-31123-3 / SSDG DSL ENG - RPR

**MJC:** EXECQ326

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 6,885

**ManDays:** 153

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR SSDG ENGINE PER DIESEL ENGINE INSPECTION REPORT. DISASSEMBLE THE ENGINE TO THE EXTENT NECESSARY TO ACCOMPLISH DESIGNATED REPAIRS. ON COMPLETION OF REPAIRS, REASSEMBLE ENGINE, ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND GENERATOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE ____ MANDAYS OF LABOR AND _____ DOLLARS OF MATERIAL FOR REPAIRS. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.

**Task/Abbreviation:** Q-31123-29 / SSDG AC GEN - ALIGN

**MJC:** EXECQB84

**Rev Date:** 07/24/1998

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ALIGN THE A.C. GENERATOR OF THE SHIP SERVICE DIESEL ENGINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS. MEASURE AND RECORD AS-FOUND CLEARANCES AND ALIGNMENT DATA. ENSURE THE GENERATOR BEARING, FIELD ROTORS AND STATOR ARE ALL WITHIN THE SAME CENTERLINE. ALIGN FIELD ROTOR TO THE DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP INCLUDING FINAL ALIGNMENT READINGS. A. ACCOMPLISH REQUIRED ALIGNMENT CORRECTIONS. B. INSTALL NEW GENERATOR STATOR-TO-FOUNDATIONS DOWELS. NOTE: GENERATOR ALIGNMENT MUST BE VERIFIED UPON ENGINE REMOVAL/INSTALLATION ONLY.

**Task/Abbreviation:** Z-31123-30 / SSDG SET - INSP EXCITER

**MJC:** EXECZ033

**Rev Date:** 07/30/1998

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 1

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT THE GENERATOR AND BRUSHLESS EXCITER IN ACCORDANCE WITH MIP 3112/009-77, MRC 56 8CVM N (FOR MCM 1 CLASS SHIPS) OR MIP 3112/015-77, MRC 56 8YDR N (FOR MHC 51 CLASS SHIPS). MEASURE INSULATION RESISTANCE OF STATOR, ROTOR, AND BRUSHLESS EXCITER AND VERIFY VALUES ARE ACCEPTABLE.

**Task/Abbreviation:** Z-31123-31 / SSDG SET - TST RELAY

**MJC:** EXECZ020

**Rev Date:** 07/30/1998

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 6

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | TEST THE GENERATOR SET SOLID-STATE REVERSE POWER RELAY IN ACCORDANCE WITH MIP 3112/009-77, MRC 25 8JXT N (FOR MCM 1 CLASS SHIPS) OR MIP 3112/015-77, MRC 56 8YEC N (FOR MHC 51 CLASS SHIPS). |

**Task/Abbreviation:** Z-31123-32 / SSDG ENG FDN BOLTS - TORQUE

**MJC:** EXECZ023

**Rev Date:** 08/03/1998

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | TORQUE THE GENERATOR SET DIESEL ENGINE FOUNDATION BOLTS IN ACCORDANCE WITH MIP 3112/009-77, MRC 47 8HKE N (FOR MCM 1 CLASS SHIPS) OR S9233-C4-MMA-010 (FOR MHC 51 CLASS SHIPS). |

**Task/Abbreviation:** Z-31123-33 / SSDG SET CONT EQPT - CLN/ INSP

**MJC:** EXECZ009

**Rev Date:** 08/03/1998

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | CLEAN AND INSPECT THE GENERATOR SET CONTROL EQUIPMENT, ENCLOSURES AND CONNECTION BOXES IN ACCORDANCE WITH MIP 3112/009-77, MRC 26 8SNW N (FOR MCM 1 CLASS SHIPS) OR MIP 3112/015-77, MRC 56 8YEE N (FOR MHC 51 CLASS SHIPS). |

**Task/Abbreviation:** Z-31123-34 / SSDG SET ELASTOMERIC CPLG-INSP **MJC:** EXECZ029 **Rev Date:** 08/05/1998

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 3 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 24 **Equip/Task:** 1 **Matl Cost:** **ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT THE GENERATOR SET ELASTOMERIC COUPLING RUBBER INSERTS IN ACCORDANCE WITH MIP 3112/009-77, MRC B5 8VZK Y (FOR MCM 1 CLASS SHIPS) OR S9233-C4-MMA-010 FOR MHC 51 CLASS SHIPS. |

**Task/Abbreviation:** Q-31123-41 / MCM/MHC SSDG AC GEN - RPR **MJC:** EXECQK33 **Rev Date:** 06/05/2000

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 3 **Matl Forecast:** YES

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 2,835 **ManDays:** 63

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE END COVERS & INNER AIR SHIELD OF A.C. GENERATOR OF THE SSDG SET. INSPECT FIELD ROTOR FAN RING ASSEMBLY. MEASURE INSULATION RESISTANCE OF THE FIELD & STATOR WINDINGS. VERIFY CONTINUITY OF REMOTE TEMPERATURE DETECTOR CIRCUITRY. RECORD AS-FOUND & POST-REPAIR CLEARANCES. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. CLEAN BRUSH RIGGING IN-PLACE WITH APPROVED SOLVENT. REPLACE/SEAT COLLECTOR RING BRUSHES. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING JOINT SEALANTS & NEW GASKETS. ACCOMPLISH SATISFACTORY OPERATIONAL TEST & VIBRATION ANALYSIS SURVEY. A. CLEAN STATOR AND ROTOR WINDINGS. PROVIDE INSULATION RESISTANCE READINGS ON COMPLETION. B. MACHINE/POLISH COLLECTOR RING ASSEMBLY IN-PLACE. C. REWIND FIELD. D. REPLACE FIELD ROTOR. E. REWIND STATOR. F. REPLACE STATOR ASSEMBLY. G. REPLACE DESIGNATED OIL DEFLECTORS. NOTE. 1. GENERATOR STATOR SPACE HEATERS TO BE ENERGIZED. 2. SUPSHIP UTILIZE SWT 311-05 FOR GUIDANCE IN DEVELOPING THIS SPECIFICATION. |

**Task/Abbreviation:** I-31123-44 / POST DSL ENG OVHL INSP- ACCOMP **MJC:** EXECIK26 **Rev Date:** 09/27/2000

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 3 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 21 **Equip/Task:** 1 **Matl Cost:** 150 **ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

WHEN SIGNIFICANT MAINTENANCE HAS BEEN COMPLETED OR AN ENGINE OVERHAUL PERFORMED, A POST-ENGINE OVERHAUL/REPAIR INSPECTION SHALL BE CONDUCTED BY THE TYPE COMMANDER DIESEL ENGINE INSPECTOR PRIOR TO CONTINUOUS OPERATION. ACCOMPLISH POST DIESEL ENGINE OVERHAUL INSPECTION AS FOLLOWS: A. NOTIFY THE NSA TEN WORK DAYS PRIOR TO START UP OF ENGINE. B. REMOVE COMPONENTS FROM THE ENGINE AS DIRECTED BY THE DIESEL ENGINE INSPECTOR. C. ASSIST THE DIESEL ENGINE INSPECTOR IN TAKING CRANKSHAFT DEFLECTION AND THRUST READINGS. (NOTE: USE SMWG TEMPLATE #233-50 FOR GUIDANCE.)

**Task/Abbreviation:** J-31123-78 / MS SSDG AC GEN W/RTR RMV-CLN

**MJC:** EXECJB60

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,835

**ManDays:** 63

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE MINE SWEEP SHIP SERVICE DIESEL GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. REMOVE ROTATING ASSEMBLIES. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. RECONDITION EXCITER AND MAIN ROTOR IN ACCORDANCE WITH THE REQUIREMENTS OF 009-17. REPAIR END BELLS. IN PLACE CLEAN, RINSE, & DRY THE STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. INSTALL NEW BEARINGS, SEALS AND GASKETS. INSTALL ROTATING ASSEMBLIES. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-31123-79 / MS SSDG AC GEN RTD(S)-REPL

**MJC:** EXECJB63

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,835

**ManDays:** 63

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

OPEN, INSPECT, AND RECORD CONTINUITY OF RTD(S) CIRCUITRY OF THE A.C. GENERATOR OF THE MINE SWEEP SHIP SERVICE DIESEL GENERATOR SET. REPLACE DEFECTIVE RTD(S). VERIFY CONTINUITY OF RTD(S) CIRCUITRY. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-31123-80 / MS SSDG AC GEN IN PLACE-CLN

**MJC:** EXECJB66

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,835

**ManDays:** 63

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE MINE SWEEP SHIP SERVICE DIESEL GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. IN PLACE CLEAN, RINSE, & DRY THE ROTOR AND STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-31123-81 / MS SSDG AC GEN BEARINGS-REPL

**MJC:** EXECJB69

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,835

**ManDays:** 63

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE MINE SWEEP SHIP SERVICE DIESEL GENERATOR SET. REPLACE BEARINGS, SEALS, AND GASKETS. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** I-31421-1 / 400HZ MG SET - INSP/ TST

**MJC:** EXECI125

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE 400-HZ MOTOR GENERATOR SET. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP TO INCLUDE: A. CONTROLLER / CONTROL PANEL B. COOLER(S) C. COUPLING D. FOUNDATION E. GENERATOR F. INSTRUMENTATION G. MOTOR H. MOUNTS, RESILIENT I. VIBRATION ANALYSIS SURVEY.

**Task/Abbreviation:** Q-31421-2 / 400HZ MG SET - RPR

**MJC:** EXECQ357

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,835

**ManDays:** 63

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH REPAIRS TO THE FOLLOWING DESIGNATED COMPONENTS OF THE 400-HZ MOTOR GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS. UPON COMPLETION OF REPAIRS, REINSTALL COMPONENTS REPLACING MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. CONTROLLER / CONTROL PANEL B. COUPLING C. FOUNDATION D. GENERATOR E. INSTRUMENTATION F. MOTOR G. MOUNTS, RESILIENT (REPLACEMENT).

**Task/Abbreviation:** A-31421-7 / AER MCM1-0844E - ACCOMP

**MJC:** EXTYA522

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 1,804

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00844, UPGRADE 400HZ MG VFM, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00844 WHICH REWIRES THE SHUNT TRIP VOLTAGE/FREQUENCY MONITOR CIRCUIT TO PREVENT THE SHUNT TRIP FROM BEING DISABLED WHEN THE MG PARALLELING SWITCH IS ON. CORRECTS AN AS-BUILT DEFICIENCY TO ENSURE THE 400 HZ MG OUTPUT BREAKER TRIPS OPEN UPON LOSS OF 60 HZ POWER. |

**Task/Abbreviation:** J-31421-10 / 400HZ MG SET SLIP RINGS-REPL

**MJC:** EXECJE52

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,835

**ManDays:** 63

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE 400-HZ MOTOR GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. DISASSEMBLE. REMOVE BRUSH RIGGING. CLEAN BRUSH RIGGING. REPLACE SLIP RINGS. ALIGN THE GENERATOR. INSTALL BRUSH RIGGING. INSTALL AND ADJUST NEW BRUSHES. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-31421-11 / 400HZ MG SET BRUSHES-REPL

**MJC:** EXECJE53

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,835

**ManDays:** 63

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

OPEN AND INSPECT THE 400-HZ MOTOR GENERATOR SET. REPLACE AND ADJUST BRUSHES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** I-32111-1 / CABLES/CABLEWAY - INSP

**MJC:** EXECI127

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 30

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT CABLES AND CABLEWAYS, INCLUDING SUPPORTS, PENETRATIONS, STUFFING TUBES, CHAFING RINGS, ETC. IDENTIFY DISCREPANCIES AS CATEGORY 1, 2 OR 3 DEPENDENT UPON THEIR SEVERITY. ITEMS OF IMMEDIATE PERSONNEL OR FIRE HAZARD OR THAT VOID WATERTIGHT INTEGRITY SHALL BE CORRECTED IMMEDIATELY. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP.

**Task/Abbreviation:** I-32411-1 / SS SWGR - INSP/ TST

**MJC:** EXECI128

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

VISUALLY INSPECT AND ACCOMPLISH AN INFRARED SURVEY ON THE SHIP SERVICE SWITCHBOARD/SWITCHGEAR TO ENSURE TIGHTNESS OF THE BUS BAR AND CONDUCTOR TERMINALS/LUGS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. CLEAN, TEST AND ADJUST IN-PLACE AS APPLICABLE, THE CIRCUIT BREAKERS, COILS (CLOSING AND TRIPPING), GOVERNOR SYSTEM (SPEED-ELECTRONIC), INSTRUMENTATION, RELAYS (LOW VOLTAGE, OVERCURRENT AND REVERSE POWER), SYNCHRONIZING SYSTEM AND TRANSFORMERS (CURRENT AND POWER). NOTES. 1. WORK MUST BE SCHEDULED TO AVOID INTERFERENCE WITH SHIPBOARD AND SHIPYARD ROUTINE AND NOT BE COMMENCED WITHOUT THE SUPERVISOR'S APPROVAL. 2. ON COMPLETION AND IN CONSONANCE WITH THE LIGHT- OFF/TEST SCHEDULE, INSPECT, TEST AND ADJUST ALL ELECTRICAL PROTECTIVE DEVICES. 3. ALL OPERATIONAL TESTS WILL BE ACCOMPLISHED BY SHIP'S FORCE.

**Task/Abbreviation:** I-32411-3 / DISTR LD CENTERS - INSP/TST

**MJC:** EXECI130

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

VISUALLY INSPECT AND ACCOMPLISH AN INFRARED SURVEY ON THE DISTRIBUTION LOAD CENTER(S) TO ENSURE TIGHTNESS OF THE BUS BAR AND CONDUCTOR TERMINALS/LUGS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP TO INCLUDE CIRCUIT BREAKERS, COILS (CLOSING AND TRIPPING), INSTRUMENTATION AND TRANSFORMERS (CURRENT). NOTES. 1. WORK MUST BE SCHEDULED TO AVOID INTERFERENCE WITH SHIPBOARD AND SHIPYARD ROUTINE AND NOT TO BE COMMENCED WITHOUT THE SUPERVISOR'S APPROVAL. 2. ON COMPLETION AND IN CONSONANCE WITH THE LIGHT- OFF/TEST SCHEDULE, INSPECT, TEST AND ADJUST ALL ELECTRICAL PROTECTIVE DEVICES. 3. ALL OPERATIONAL TESTS WILL BE ACCOMPLISHED BY SHIP'S FORCE.

**Task/Abbreviation:** I-32411-4 / SHORE PWR PNL - INSP/TST

**MJC:** EXECI276

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | VISUALLY INSPECT AND ACCOMPLISH AN INFRARED SURVEY ON THE SHORE POWER PANEL TO ENSURE TIGHTNESS OF THE BUS BAR AND CONDUCTOR TERMINALS/LUGS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP TO INCLUDE CIRCUIT BREAKERS, COILS (CLOSING AND TRIPPING), INSTRUMENTATION, RELAYS (LOW VOLTAGE, OVERCURRENT AND REVERSE POWER), SYNCHRONIZING SYSTEM AND TRANSFORMERS (CURRENT AND POWER). NOTES. 1. WORK MUST BE SCHEDULED TO AVOID INTERFERENCE WITH SHIPBOARD AND SHIPYARD ROUTINE AND NOT BE COMMENCED WITHOUT THE SUPERVISOR'S APPROVAL. 2. ON COMPLETION AND IN CONSONANCE WITH THE LIGHT OFF/TEST SCHEDULE, INSPECT, TEST AND ADJUST ALL ELECTRICAL PROTECTIVE DEVICES. 3. ALL OPERATIONAL TESTS WLL BE ACCOMPLISHED BY SHIP'S FORCE. |

**Task/Abbreviation:** Q-32411-20 / CKT BREAKER - RPR

**MJC:** EXECQL34

**Rev Date:** 05/16/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE CIRCUIT BREAKER AND ACCOMPLISH ONE OF THE FOLLOWING: A. REPAIR CIRCUIT BREAKER PER NAVSEA STANDARD ITEM 009-75. B. CRATE AND SHIP CIRCUIT BREAKER TO THE NAVY DESIGNATED OVERHAUL POINT (DOP) AT PUGET SOUND NAVAL SHIPYARD FOR REPAIR. ON COMPLETION OF REPAIRS, REINSTALL CIRCUIT BREAKER AND OPERATIONALLY TEST.

**Task/Abbreviation:** A-32411-32 / AER MCM1-0712E - ACCOMP

**MJC:** EXTYA528

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 793

**ManDays:** 7

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00712, SILVER PLATED FUSE FERRULES, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00712 WHICH INSTALL SILVER-PLATED FUSES IN PLACE OF NICKEL PLATED FUSES IN THE POWER DISTRIBUTION SYSTEM. |

**Task/Abbreviation:** A-32411-33 / AER MCM1-0724E - ACCOMP

**MJC:** EXTYA529

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00724, CIRCUIT BREAKER SETTING MOD, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00724 WHICH REPLACES THE EXISTING SSDG AND BUS TIE 903R CIRCUIT BREAKERS WITH IDENTICAL 902R CIRCUIT BREAKERS THAT HAVE MODIFIED INSTANTANEOUS AND SHORT TIME DELAY TRIP SETTINGS. |

**Task/Abbreviation:** D-32411-34 / SHIPALT MCM1-0261D ACCOMP

**MJC:** EXSAD556

**Rev Date:** 03/04/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | SHIPALT MCM1-00261D, SSDG POWER MONITOR INSTL, NOT ACCOMPLISHED | ACCOMPLISH SHIPALT MCM1-00261D WHICH REMOVES EXISTING REVERSE POWER MONITOR, LOAD SHED RELAYS AND UNDERFREQUENCY RELAYS FROM SHIPS SERVICE SWITCHBOARDS 1S UNIT 1, 1S UNIT 2, AND 2S UNIT 2 AND INSTALLS POWER MONITOR AND AUXILIARY RELAY. |

**Task/Abbreviation:** J-32411-44 / CKT BREAKER - RPR

**MJC:** EXECJ091

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 0

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE CIRCUIT BREAKER AND REPAIR PER NAVSEA STANDARD ITEM 009-75. ON COMPLETION OF REPAIRS, REINSTALL CIRCUIT BREAKER AND OPERATIONALLY TEST.

**Task/Abbreviation:** J-32411-45 / CKT BREAKER (SHIP) - RPR

**MJC:** EXECJ092

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 0

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE, CRATE AND SHIP CIRCUIT BREAKER TO THE NAVY DESIGNATED OVERHAUL POINT (DOP). ON COMPLETION OF REPAIRS, REINSTALL CIRCUIT BREAKER AND OPERATIONALLY TEST. |

**Task/Abbreviation:** D-33111-4 / SHIPALT MCM1-0141D ACCOMP

**MJC:** DXSAD032

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 66

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-141D "RED AND YELLOW NIGHT LIGHTING". PURPOSE: TO PROVIDE RED AND YELLOW LIGHTING FOR SELECTED COMPARTMENTS AS AN AID IN ASSISTING VISION ADAPTION AT NIGHT. |

**Task/Abbreviation:** D-33111-6 / SHIPALT MCM1-0176D ACCOMP

**MJC:** EXSAD274

**Rev Date:** 03/04/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-0176D "EOD LOCKER/UCHS RM RED LIGHT" WHICH INSTALLS RED LIGHTING CIRCUITS IN THE EXPLOSIVE ORDNANCE DISPOSAL (EOD) LOCKER, UMBILICAL CABLE HANDLING SYSTEM (UCHS) RM, AND PASSAGEWAY (2-91-2-L) TO PREVENT INTERIOR LIGHT FROM ESCAPING DURING DARKENED SHIP CONDITIONS. |

**Task/Abbreviation:** A-34210-3 / AER MCM1-0829E - ACCOMP

**MJC:** EXTYA536

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 1,118

**ManDays:** 12

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00829, IF ENG FUEL OIL RETURN FLEX HO, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00829 WHICH REPLACES EXISTING FUEL OIL RETURN TUBING ON MPDE AND SSDG DIESEL ENGINES WITH FLEX HOSE. |

**Task/Abbreviation:** R-40711-6 / EMI CONT ITEMS - INSTL/RPR

**MJC:** EXSYR112

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 001

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** 001

**Matl Cost:** 155

**ManDays:** 9

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | INSTALLATION/REPAIR OF TOPSIDE EMI CONTROL ITEMS DURING THE DEPOT AVAILABILITY IS REQUIRED. | DURING THE DEPOT AVAILABILITY INSTALL/REPAIR TOPSIDE EMI CONTROL ITEMS IDENTIFIED BY THE EMI SURVEY. NOTE 1: NO NEW BOND STRAPS SHALL BE INSTALLED TOPSIDE EXCEPT FOR THOSE SHOWN IN THE APPLICABLE SHIP'S EMI CONTROL TOPSIDE ARRANGEMENT DRAWING, IDENTIFIED IN SEMCIP TECHNICAL ASSISTANCE NETWORK (STAN), UNLESS REQUIRED BY STAN. TESTING IN ACCORDANCE WITH NAVSEA STD DWG 407-5291780( ) INDICATES NEED OR APPROVAL BY NAVSEA CODE 623. NOTE 2: THERE IS NO REQUIREMENT TO IMMEDIATELY REMOVE EXCESS BOND STRAPS THAT ARE OPERATIONALLY SATISFACTORY. IT IS ANTICIPATED THAT MINIMUM BOND STRAP CONFIGURATION WILL BE ATTAINED BY ATTRITION. NOTE 3: ACCOMPLISH TASK R-40711-15 (EMI SURVEY) PRIOR TO THIS TASK. |

**Task/Abbreviation:** R-40711-7 / EMI DEFECTS - CORR

**MJC:** EXSYR004

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 001

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 001

**Matl Cost:** 419

**ManDays:** 6

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM 1 AND MHC 51 CL | DEFECTS OR CASUALTIES DISCOVERED DURING IEMC INSPECTION/TESTING REQUIRE CORRECTION. | PROVIDE 3 MANDAYS OF LABOR/TECHNICAL SERVICES AND 200 DOLLARS OF MATERIAL TO CORRECT GOVERNMENT RESPONSIBLE DEFECTS OR CASUALTIES DISCOVERED DURING GOVERNMENT EMI SURVEY TEAM IEMC INSPECTION/TESTING. NOTE: THIS ITEM COVERS IEMC DISCREPANCIES NOT ALREADY COVERED ELSEWHERE. |

**Task/Abbreviation:** R-40711-15 / EMI SURVEY - ACCOMP

**MJC:** EXSYR173 **Rev Date:** 05/02/2003

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 001 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 21 **Equip/Task:** 001 **Matl Cost:** 319 **ManDays:** 5

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | ACCOMPLISHMENT OF AN EMI SURVEY IS REQUIRED. | ELECTROMAGNETIC INTERFERENCE (EMI) SURVEY - ACCOMPLISH THE FOLLOWING: A. CONDUCT A POST-PRODUCTION TOPSIDE VISUAL INSPECTION (2V-1) TO VERIFY THAT ALL APPLICABLE TOPSIDE EMI CONTROL MEASURES ARE INSTALLED. B. ANNOTATE THE APPLICABLE SHIP'S EMI CONTROL TOPSIDE ARRANGEMENT DRAWING, IDENTIFIED IN SEMCIP TECHNICAL ASSISTANCE NETWORK (STAN) (AT WWW.SEMCIP.COM), IN ACCORDANCE WITH NAVSEA STD DWG 407-5291780( ) TO IDENTIFY ANY LOCATION/QUANTITY CHANGES IN EXISTING TOPSIDE BOND STRAPS AND PROVIDE A COPY TO NAVSEA CODE 623. NOTE 1: NO NEW BOND STRAPS SHALL BE INSTALLED TOPSIDE EXCEPT FOR THOSE SHOWN IN THE APPLICABLE SHIP'S DRAWING UNLESS REQUIRED BY STAN. TESTING IN ACCORDANCE WITH NAVSEA STD DWG 407-5291780( ) INDICATES NEED OR APPROVAL BY NAVSEA CODE 623. MINIMUM BOND STRAP CONFIGURATION WILL BE ATTAINED BY ATTRITION. NOTE 2: TASK WILL BE ACCOMPLISHED FOLLOWING INDUSTRIAL AVAILABILITIES GREATER THAN 120 DAYS. NOTE 3: ACCOMPLISH PRIOR TO TASK R-40711-16. NOTE 4: TASK IS NORMALLY DONE BY SIMA OR FTSC BUT CAN BE ASSIGNED TO THE DEPOT ACTIVITY FOR ACCOMPLISHMENT IN CONNECTION WITH THE INDUSTRIAL AVAILABILITY. |

**Task/Abbreviation:** R-40711-16 / SHIP EMC CERT - PROV

**MJC:** EXSYR174

**Rev Date:** 05/02/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 001

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** 001

**Matl Cost:** 160

**ManDays:** 9

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | ACCOMPLISHMENT OF A SHIP EMC CERTIFICATION IS REQUIRED. | SHIP ELECTROMAGNETIC COMPATIBILITY (EMC) CERTIFICATION - PROVIDE A SHIP EMC CERTIFICATION IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA S9040-AA-GTP-010/SSCR REV 4, CHG 1 BY ACCOMPLISHING THE FOLLOWING: A. CONDUCT A VISUAL INSPECTION TO ENSURE THAT ALL FIXABLE CATEGORY (CAT) 1 AND 2 EMI PROBLEMS IDENTIFIED IN SEMCIP TECHNICAL ASSISTANCE NETWORK (STAN) (AT WWW.SEMCIP.COM) HAVE BEEN FIXED. B. CONDUCT A RECOGNITION TEST TO DETERMINE THE EFFECTS OF ALL CAT 1 AND 2 EMI PROBLEMS FOR WHICH NO FIX IS CURRENTLY AVAILABLE. C. CONDUCT AN AT-SEA HF INTERMODULATION INTERFERENCE (IMI) TEST (2R-1) TO DETERMINE THE LEVEL OF DETECTABLE IMI PRODUCTS. IMI SOURCES (3R-3) CAUSING IMI GREATER THAN 19TH ORDER SHALL BE REPORTED TO THE NSA/TYCOM FOR RESOLUTION. NOTE 1: TASK WILL BE DONE 6 MONTHS PRIOT TO DEPLOYMENT AND FOLLOWING INDUSTRIAL AVAILABILITIES GREATER THAN 120 DAYS. NOTE 2: ACCOMPLISH TASK R-40711-15 PRIOR TO THIS TASK. NOTE 3: TASK IS NORMALLY DONE BY SIMA OR FTSC BUT CAN BE ASSIGNED TO THE DEPOT ACTIVITY FOR ACCOMPLISHMENT IN CONNECTION WITH THE INDUSTRIAL AVAILABILITY. NOTE 4: TASK R-40711-17 IS TO BE ACCOMPLISHED AFTER THIS TASK. |

**Task/Abbreviation:** R-40711-17 / SHIP EMC CERT RPRT - PROV **MJC:** EXSYR175 **Rev Date:** 05/02/2003

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 001 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 21 **Equip/Task:** 001 **Matl Cost:** 67 **ManDays:** 5

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | A SHIP EMC CERTIFICATION REPORT MUST BE PROVIDED AFTER ACCOMPLISHMENT OF THE SHIP EMC CERTIFICATION. | PROVIDE A SHIP ELECTROMAGNETIC COMPATIBILITY (EMC) CERTIFICATION REPORT AS REQUIRED BY NAVSEA S9040-AA-GTP-010/SSCR REV 4, CHG 1 TO NAVSEA CODE 623 WITH COPY TO THE NAVAL SUPERVISING ACTIVITY (NSA). NOTE 1: EMC CERTIFICATION IS NOT EXPECTED TO ADDRESS ALL SHIPBOARD EMI PROBLEMS ENCOUNTERED NOR INTENDED TO DENOTE THAT THE SHIP IS EMI-FREE ONCE CERTIFIED. NOTE 2: THE PRIMARY OBJECTIVE OF AN EMC CERTIFICATION IS TO ENSURE THAT FIXABLE CAT 1/2 EMI PROBLEMS ARE FIXED, REMAINING CAT 1/2 PROBLEMS ARE REPORTED AND THE IMI PRODUCTS GENERATED BY HF TRANSMISSIONS ARE 19TH ORDER OR BELOW. NO OTHER EMI IDENTIFIED ON THE SHIP IS A FACTOR TO BE CONSIDERED IN THE CERTIFICATION PROCESS (E.G., DOES NOT INCLUDE THE DISCOVERY OF NEW EMI PROBLEMS). NOTE 3: ACCOMPLISH THIS TASK IN CONJUNCTION WITH TASK R-40711-16. |

**Task/Abbreviation:** I-41011-1 / AN/SSN-2 PINS - INSP/TST

**MJC:** CXECI003

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE AN/SSN-2 (V) PRECISE INTEGRATED NAVIGATION SYSTEM (PINS) INCLUDING ANTENNA, DISPLAYS INDICATORS, PLOTTER, PRINTER, AND TRANSDUCERS. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** O-41211-22 / FC-49 AN/SQQ-32(V) - ACCOMP

**MJC:** CXFCO001

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | FC-49, RESOLV INTERFRNCE &SHOCK HARDN, NOT ACCOMPLISHED | ACCOMPLISH FIELD CHANGE-49. |

**Task/Abbreviation:** A-42111-5 / AER MCM1-0751E - ACCOMP

**MJC:** EXTYA538

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00751, MAGNETIC COMPASS RELOC, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00751 WHICH RELOCATES MAGNETIC COMPASS FROM IN FRONT OF STEERING CONSOLE TO ON TOP OF CONSOLE. |

**Task/Abbreviation:** I-42211-1 A / NAV LIGHTS - INSP/CERT

**MJC:** CXECI004

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 2

**Referenced Authority:**

EXECUTIVE ORDER 11964 DATED 19 JAN 1977 "IMPLEMENTATION OF COLREGS, 1972"

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT THE NAVIGATION LIGHTS TO ENSURE THEY ARE IN COMPLIANCE WITH EXECUTIVE ORDER 11964 DTD 19 JAN 1977, "IMPLEMENTATION OF THE CONVENTION ON THE INTERNATIONAL REGULATIONS FOR PREVENTING COLLISIONS AT SEA, 1972." PROVIDE A CERTIFICATION REPORT AS REQUIRED IN COMNAVSEASYSCOM LTR 9422 OPR:56Z11 SER 56ZB/56Z1-73 DATED 23 AUGUST 1992. NOTE: TASK IS INITIATED BY TYCOMS AT THE COMPLETION OF AN AVAILABILITY WHEN INSTALLATION OF EQUIPMENT MAY IMPACT THE ARCS OF VISIBILITY. |

**Task/Abbreviation:** I-42315-14 / NAV SYS - INSP/TST

**MJC:** OXECIF96

**Rev Date:** 07/12/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 45

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST NAVIGATION SYSTEMS (TO INCLUDE NAVTEX FAX RECEIVER, AN/PSN-11 AND AN/WRN-6 GPS UNITS). REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** Q-42411-1 / FATHOMETER XDCR (DD)- REPL/TST **MJC:** CXECQ017 **Rev Date:** 01/15/2003

**Std Template:** **Sit Reqs:** D/D **Priority:** Highly Desirable **Qty:** 1 **Matl Forecast:** YES

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 675 **ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPLACE THE FATHOMETER TRANSDUCER. CRATE AND RETURN REMOVED TRANSDUCER TO THE GOVERNMENT. ACCOMPLISH A PRE-INSTALLATION SHOP-TEST OF NEW TRANSDUCER. SUBMIT A REPORT OF CONDITIONS FOUND TO THE NAVAL SUPERVISING ACTIVITY. CLEAN, PRIME AND PAINT SEA CHEST. INSTALL NEW TRANSDUCER USING NEW RUBBER GASKET AND CRES FASTENERS AND CONNECT ELECTRICALLY. INSTALL A TEMPORARY SEA CHEST COVER PLATE. REMOVE TEMPORARY COVER PLATE. ACCOMPLISH SATISFACTORY POST-INSTALLATION TESTS (I.E., DRYDOCK AND WATERBORNE) IN ACCORDANCE WITH COMBAT SYSTEM TESTING AND APPLICABLE TECHNICAL MANUAL. NOTE: 1. DRYDOCKING ITEM. 2. PRIOR TO THE DEPOT LEVEL DRYDOCKING AVAILABILITY, ENSURE INSPECTION AND TESTING OF THE TRANSDUCER USING THE AN/WQM-8 SONAR TEST SET. TYPE COMMANDER WILL ARRANGE FOR ACCOMPLISHMENT OF THIS PRIOR TO START OF THE DEPOT LEVEL DRYDOCKING AVAILABILITY. FORWARD REPORT TO NAVAL UNDERSEA WARFARE CENTER, NEWPORT, RI (FOR EAST COAST AVAILABILITIES)/KEYPORT, WA (FOR WEST COAST AVAILABILITIES). USUALLY ACCOMPLISHED BY FTSCLANT/FTSCPAC. |

**Task/Abbreviation:** Q-42411-2 / FATHOMETER - RPR

**MJC:** CXECQ018

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPAIR THE FATHOMETER PER CONDITION ASSESSMENT RECOMMENDATIONS AND IN ACCORDANCE WITH THE APPLICABLE TECHNICAL MANUAL. |

**Task/Abbreviation:** I-42411-3 / AN/WQN-1 XDCR - INSP/TST

**MJC:** CXECI009

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE AN/WQN-1 ( ) CHANNEL FINDER SYSTEM TRANSDUCER IN ACCORDANCE WITH THE APPLICABLE TECHNICAL MANUAL AND PMS PROCEDURES. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** Q-42411-4 / AN/WQN-1 XDCR - REPL/TST

**MJC:** CXECQ019

**Rev Date:**

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE AN/WQN-1 CHANNEL FINDER SYSTEM TRANSDUCER PER CONDITION ASSESSMENT RECOMMENDATIONS. CRATE AND RETURN REMOVED TRANSDUCER TO THE GOVERNMENT. ACCOMPLISH A PRE-INSTALLATION SHOP-TEST OF NEW TRANSDUCER. REPORT CONDITIONS FOUND TO SHIP'S CSMP. CLEAN, PRIME AND PAINT SEA CHEST. INSTALL NEW TRANSDUCER USING NEW RUBBER GASKET AND CRES FASTENERS AND CONNECT ELECTRICALLY. ACCOMPLISH SATISFACTORY POST-INSTALLATION TESTS (I.E. IN DRYDOCK AND WATERBORNE). IN ACCORDANCE WITH COMBAT SYSTEM TESTING AND APPLICABLE TECHNICAL MANUAL

**Task/Abbreviation:** I-42411-5 / FATHOMETER - INSP/TST

**MJC:** CXECI328

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE FATHOMETER SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. NOTE: PRIOR TO A DEPOT LEVEL DRYDOCKING AVAILABILITY, ENSURE INSPECTION AND TESTING OF THE TRANSDUCER USING THE AN/WQM-8 SONAR TEST SET.

**Task/Abbreviation:** I-42411-6 / FATHOMETER XDCR - INSP (SPAM) **MJC:** CXECI127 **Rev Date:** 04/30/1998

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 1 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** **ManDays:** 2

**Referenced Authority:**

UNDERWATER SHIP HUSBANDRY MANUAL SO600-AA-PRO-170 CHAPTER 17

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | ACCOMPLISH WATERBORNE LEVEL 2 ASSESSMENT OF THE FATHOMETER TRANSDUCER PER CHAPTER 17 UNDERWATER SHIP HUSBANDRY MANUAL SO600-AA-PRO-170. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** O-42411-8 / FC-10 AN/SSN-2(V)4 - ACCOMP

**MJC:** CXFCO005

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | FC-10, AN/SSN-2(V)4, RDI DOPPLER, NOT ACCOMPLISHED | ACCOMPLISH FIELD CHANGE-10. |

**Task/Abbreviation:** O-42411-9 / FC-26 AN/SLQ-48, ACCOMP

**MJC:** CXFCO006

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | FC-26, MOD SONAR POTENTIOMETER ADAPTR, NOT ACCOMPLISHED | ACCOMPLISH FIELD CHANGE-26. |

**Task/Abbreviation:** I-42611-1 / MASTER/AUX GCMPS - INSP/TST

**MJC:** CXECI010

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 2

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST THE MASTER AND (IF APPLICABLE) AUXILIARY GYRO COMPASSES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** Q-42611-2 / MASTER GCMPS - RPR/TST

**MJC:** CXECQ020

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 3,600

**ManDays:** 80

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE MASTER GYROCOMPASS SYSTEMS PER CONDITION ASSESSMENT RECOMMENDATIONS, IN ACCORDANCE WITH THE APPLICABLE TECHNICAL MANUAL OR AS FOLLOWS: A. REMOVE, DISASSEMBLE, CLEAN AND EXAMINE COMPONENT PARTS. B. REPLACE PARTS FOUND UNSUITABLE FOR FURTHER USE. C. INSTALL NEW BEARINGS, SEALS, GASKETS, ANVIL ASSEMBLY, PLUNGER GYROSPHERE, CONTACT ASSEMBLY, TERMINAL ASSEMBLY AND RETAINER. D. REPLACE OIL. E. CLEAN AND PRESERVE GYRO COMPASS EQUIPMENT ENCLOSURE. F. REINSTALL AND CONNECT EQUIPMENT. G. TEST AND CALIBRATE EQUIPMENT INCLUDING TURNTABLE AND SMALL ANGLE SCROSBY TEST (MIL-C-15952, PART 4). H. SETTLE COMPASS ON MERIDIAN AND ALIGN BY SUN AZIMUTHS. I. PROVE SATISFACTORY OPERATION BY APPROPRIATE STAGE OF COMBAT SYSTEM TESTING.

**Task/Abbreviation:** Q-42611-3 / AUX GCMPS - RPR/TST

**MJC:** CXECQ021

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,800

**ManDays:** 40

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE AUXILIARY GYROCOMPASS SYSTEMS PER CONDITION ASSESSMENT RECOMMENDATIONS, IN ACCORDANCE WITH THE APPLICABLE TECHNICAL MANUAL OR AS FOLLOWS: A. REMOVE, DISASSEMBLE, CLEAN AND EXAMINE COMPONENT PARTS. B. REPLACE PARTS FOUND UNSUITABLE FOR FURTHER USE. C. INSTALL NEW BEARINGS, SEALS, GASKETS, ANVIL ASSEMBLY, PLUNGER GYROSPHERE, CONTACT ASSEMBLY, TERMINAL ASSEMBLY AND RETAINER. D. REPLACE OIL. E. CLEAN AND PRESERVE GYRO COMPASS EQUIPMENT ENCLOSURE. F. REINSTALL AND CONNECT EQUIPMENT. G. TEST AND CALIBRATE EQUIPMENT INCLUDING TURNTABLE AND SMALL ANGLE SCROSBY TEST (MIL-C-15952, PART 4). H. SETTLE COMPASS ON MERIDIAN AND ALIGN BY SUN AZIMUTHS. I. PROVE SATISFACTORY OPERATION BY APPROPRIATE STAGE OF COMBAT SYSTEM TESTING.

**Task/Abbreviation:** A-42611-8 / AER MCM1-0742E - ACCOMP

**MJC:** EXTYA539

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 1,031

**ManDays:** 19

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00742, SPEED & COURSE INDIC NEAR MCC, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00742 WHICH INSTALLS A DIGITAL SHIPS COURSE INDICATOR IN CCS (1-77-0-C) ABOVE THE MCC THAT CAN BE VIEWED READILY BY THE CHENG. PROVIDES SUPPORTING CABLING AND FOUNDATION. |

**Task/Abbreviation:** I-42622-1 / UW LOG SYS - INSP/TST

**MJC:** CXECI011

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST THE UNDERWATER LOG SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** I-42622-3 / UW LOG RODMETER- INSP (SPAM) **MJC:** CXECI128 **Rev Date:** 04/28/1998

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 1 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** **ManDays:** 2

**Referenced Authority:**

UNDERWATER SHIP HUSBANDRY MANUAL SO600-AA-PRO-170 CHAPTER 17

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | ACCOMPLISH WATERBORNE LEVEL 2 ASSESSMENT OF THE UNDERWATER LOG RODMETER PER CHAPTER 17 UNDERWATER SHIP HUSBANDRY MANUAL SO600-AA-PRO-170. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** Q-42622-7 / FIXED UW LOG SYS - RPR/TST

**MJC:** EXECQK41 **Rev Date:** 06/05/2000

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 1 **Matl Forecast:** YES

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 3,375 **ManDays:** 75

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE FIXED UNDERWATER LOG SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS OR AS FOLLOWS: A. UNDERWATER LOG RODMETER - 1. REMOVE, CLEAN, EXAMINE AND REPAIR DEFECTS. - 2. RENEW O-RINGS AND PACKING AND ACCOMPLISH AN INSULATION RESISTANCE TEST. B. SPEED SERVO - CLEAN, TEST, REPLACE IF DEFECTIVE AND RETEST. C. INDICATOR TRANSMITTERS - CLEAN, INSPECT AND REPLACE DEFECTIVE PARTS. D. DISTANCE INTEGRATOR - CLEAN, TEST, REPLACE IF DEFECTIVE AND RETEST. E. DISTANCE AND SPEED INDICATORS - CLEAN, TEST, REPAIR IF DEFECTIVE AND RETEST. F. REASSEMBLE SYSTEM. G. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** I-42623-1 / DEAD RECKONING SYS - INSP/TST

**MJC:** CXECI012

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST THE DEAD RECKONING SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** Q-42623-2 / DRAI - RPR/TST

**MJC:** CXECQ023

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,025

**ManDays:** 45

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE DEAD RECKONING ANALYZER INDICATOR MK ( ) MOD ( ) PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS FOLLOWS: A. REMOVE, DISASSEMBLE, CLEAN AND EXAMINE. B. REPLACE BEARINGS. C. INSTALL NEW GASKETS. D. ALIGN AND ADJUST EACH MODULE. E. REPLACE DEFECTIVE RESISTORS AND BRUSHES. F. REPLACE VENT FAN. G. CLEAN AND PRESERVE INTERIOR AND EXTERIOR OF ENCLOSURE. H. ACCOMPLISH A CONTINUITY TEST ON INTERCONNECTING CABLES. I. REASSEMBLE, INSTALL, ADJUST AND ALIGN EQUIPMENT. J. PROVE SATISFACTORY OPERATION BY APPROPRIATE STAGE OF COMBAT SYSTEM TESTING.

**Task/Abbreviation:** Q-42623-3 / DRT - RPR/TST

**MJC:** CXECQ024

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,800

**ManDays:** 40

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE DEAD RECKONING TRACER PER CONDITION ASSESSMENT AND AS FOLLOWS: A. DISASSEMBLE, CLEAN AND INSPECT. B. REMOVE EXISTING AND INSTALL NEW ELECTRICAL AND MECHANICAL COMPONENTS, ASSEMBLIES, SUBASSEMBLIES, INTERNAL CIRCUITRY, AND ENCLOSURE HARDWARE IN PLACE OF THOSE FOUND TO BE MISSING OR DEFECTIVE. NEW MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF THE EQUIPMENT TECHNICAL MANUAL. C. ADJUST EACH GEAR TRAIN ELIMINATING BINDING AND EXCESSIVE BACKLASH. D. CLEAN AND PRESERVE TRACER ENCLOSURE. E. PROVE SATISFACTORY OPERATION BY APPROPRIATE STAGE OF COMBAT SYSTEM TESTING.

**Task/Abbreviation:** D-43212-4 / SHIPALT MCM1-0207D ACCOMP

**MJC:** CXSAD007

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 9

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-207D "CIRCUIT 2JZ EXPANSION" WHICH EXTENDS THE DAMAGE CONTROL SOUND POWERED TELEPHONE CIRCUIT 2JZ TO THE MUSTER AREA IN THE CREW'S MESS AND TO THE FIRE PUMP RISER ON THE FANTAIL. |

**Task/Abbreviation:** A-43212-9 / AER MCM1-0718E - ACCOMP

**MJC:** EXTYA544

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 4,724

**ManDays:** 62

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00718, SP TELEPHONE SYS IMPROVEMENTS, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00718 WHICH INSTALLS CIRCUIT 2JZ SOUND POWERED TELEPHONES NEAR FIRE MAIN SHORE CONNECTION, MAIN DECK, FRAME 86, STARBOARD SIDE. INSTALLS CIRCUIT JL SOUND POWERED TELEPHONES ON 01 LEVEL, FRAME 18, CENTERLINE AND MAIN DECK, FRAME 115, PORT AND STARBOARD SIDES. |

**Task/Abbreviation:** D-43611-27 / SHIPALT MCM1-0192D ACCOMP

**MJC:** EXSAD169

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 17

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-192D "VENT FLOW ALARM CKT 2HF MODS". |

**Task/Abbreviation:** D-43611-47 / SHIPALT MCM1-0215D ACCOMP

**MJC:** EXSAD560

**Rev Date:** 03/04/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 1,924

**ManDays:** 20

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | SHIPALT MCM1-00215D, OWS DUPLEX STRAINER DP ALARM, NOT ACCOMPLISHED | ACCOMPLISH SHIPALT MCM1-00215D WHICH INSTALLS A DIFFERENTIAL PRESSURE SWITCH AND CONNECTION BOX TO ACTIVATE A LOCAL AUDIBLE/VISUAL ALARM IN THE IC/SM ALARM PANEL IN THE CCS. PIPING TO THE DIFFERENTIAL PRESSURE SWITCH IS TEED INTO THE EXISTING 1/4-INCH OD PIPING SERVING THE EXISTING DIFFERENTIAL PRESSURE GAUGE FOR THE OWS PUMP SUCTION STRAINER. BOTH THE INLET AND OUTLET PIPING TO THE DIFFERENTIAL PRESSURE SWITCH WILL INCLUDE 1/4-INCH OD ISOLATION VALVES. |

**Task/Abbreviation:** A-43611-48 / AER MCM1-0842E - ACCOMP

**MJC:** EXTYA547

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 925

**ManDays:** 8

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00842, DELETE HI-VACUM COMBUST ALARM, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00842 WHICH REMOVES THE HIGH VACUUM COMBUSTION AIR ALARM FROM EACH DIESEL ENGINE. |

**Task/Abbreviation:** A-43611-49 / AER MCM1-0631E - ACCOMP

**MJC:** EXTYA548

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 207

**ManDays:** 22

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00631, MAGAZINE SPRINKLING FLOW SWITC, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00631 WHICH REPLACES THE MAGAZINE SPRINKLING ALARM FLOW SWITCH IN THE EXPLOSIVE DESTRUCTOR MAGAZINE (01-82-1-M) WITH A MIL-S-16032 COMPLIANT WATER SWITCH. |

**Task/Abbreviation:** I-43611-60 / MK 26 IPDS - INSP/TST

**MJC:** CXECI408

**Rev Date:** 07/21/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 90

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST MK 26 IMPROVED POINT DETECTION SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** I-43611-61 / AN/KAS-1 - INSP/TST

**MJC:** CXECI409

**Rev Date:** 07/21/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 45

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST AN/KAS-1( ) CHEMICAL WARFARE DIRECTIONAL DETECTOR. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** I-43721-1 / FO TK TLI - MCA INSP/TST

**MJC:** EXECI155

**Rev Date:** 05/15/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 69

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

MATERIAL CONDITION ASSESSMENT INSPECT AND TEST THE COMPLETE TANK LEVEL INDICATING SYSTEM, ALL COMPONENTS INTERNAL AND EXTERNAL TO TANK, FOR THE FUEL OIL TANKS (COMPENSATING AND NON-COMPENSATING STORAGE, SETTLING, SERVICE AND CARGO, AS APPLICABLE). REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** I-43721-4 / POTW TK TLI - MCA INSP/TST

**MJC:** EXECI158

**Rev Date:** 05/15/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 69

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

MATERIAL CONDITION ASSESSMENT INSPECT AND TEST THE COMPLETE TANK LEVEL INDICATING SYSTEM, ALL COMPONENTS INTERNAL AND EXTERNAL TO TANK, FOR THE POTABLE WATER TANKS. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** I-43721-6 / CONTAM TK TLI - MCA INSP/TST

**MJC:** EXECI160

**Rev Date:** 05/15/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 69

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | MATERIAL CONDITION ASSESSMENT INSPECT AND TEST THE COMPLETE TANK LEVEL INDICATING SYSTEM, ALL COMPONENTS INTERNAL AND EXTERNAL TO TANK, FOR THE CONTAMINATED OIL/WATER TANKS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** I-43721-7 / LO STOR TK TLI - MCA INSP/TST

**MJC:** EXECI161

**Rev Date:** 05/15/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 69

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

MATERIAL CONDITION ASSESSMENT INSPECT AND TEST THE COMPLETE TANK LEVEL INDICATING SYSTEM, ALL COMPONENTS INTERNAL AND EXTERNAL TO TANK, FOR THE LUBE OIL STORAGE TANK(S). REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** Q-43721-14 / FO TK TLI - RPR

**MJC:** EXECQH04 **Rev Date:** 03/02/1999

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** X **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** X **Matl Cost:** 900 **ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPAIR THE TANK LEVEL INDICATING SYSTEM FOR THE FUEL OIL TANKS (COMPENSATING AND NON-COMPENSATING STORAGE, SETTLING, SERVICE AND CARGO, AS APPLICABLE) PER CONDITION ASSESSMENT RECOMMENDATIONS. FOR GEMS TRANSMITTER EQUIPPED SHIPS ONLY, THE TASK INCLUDES REPLACEMENT OF FSS2 CABLE WITH RAYCHEM CABLE AND NITRAL BUSHINGS, REPAIR OR REPLACEMENT OF THE TRANSMITTER, AND REPAIR OR REPLACEMENT OF EPOXY COATING ON THE TRANSMITTER. |

**Task/Abbreviation:** Q-43721-17 / POTW TK TLI - RPR

**MJC:** EXECQH07

**Rev Date:** 03/03/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE TANK LEVEL INDICATING SYSTEM FOR THE POTABLE WATER TANKS PER CONDITION ASSESSMENT RECOMMENDATIONS. FOR GEMS TRANSMITTER EQUIPPED SHIPS ONLY, THE TASK INCLUDES REPLACEMENT OF FSS2 CABLE WITH RAYCHEM CABLE AND NITRAL BUSHINGS, REPAIR OR REPLACEMENT OF THE TRANSMITTER, AND REPAIR OR REPLACEMENT OF EPOXY COATING ON THE TRANSMITTER.

**Task/Abbreviation:** Q-43721-19 / CONTAM TK TLI - RPR

**MJC:** EXECQH09

**Rev Date:** 03/03/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE TANK LEVEL INDICATING SYSTEM FOR THE CONTAMINATED OIL/WATER TANKS PER CONDITION ASSESSMENT RECOMMENDATIONS. FOR GEMS TRANSMITTER EQUIPPED SHIPS ONLY, THE TASK INCLUDES REPLACEMENT OF FSS2 CABLE WITH RAYCHEM CABLE AND NITRAL BUSHINGS, REPAIR OR REPLACEMENT OF THE TRANSMITTER, AND REPAIR OR REPLACEMENT OF EPOXY COATING ON THE TRANSMITTER.

**Task/Abbreviation:** Q-43721-20 / LO STOR TK TLI - RPR

**MJC:** EXECQH10

**Rev Date:** 03/03/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 540

**ManDays:** 12

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE TANK LEVEL INDICATING SYSTEM FOR THE LUBE OIL STORAGE TANKS PER CONDITION ASSESSMENT RECOMMENDATIONS. FOR GEMS TRANSMITTER EQUIPPED SHIPS ONLY, THE TASK INCLUDES REPLACEMENT OF FSS2 CABLE WITH RAYCHEM CABLE AND NITRAL BUSHINGS, REPAIR OR REPLACEMENT OF THE TRANSMITTER, AND REPAIR OR REPLACEMENT OF EPOXY COATING ON THE TRANSMITTER.

**Task/Abbreviation:** I-43721-39 / FO TK TLI - INSP/TST

**MJC:** EXECIL33

**Rev Date:** 07/21/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE TANK LEVEL INDICATING SYSTEM (EXTERNAL TO TANK ONLY) FOR THE FUEL OIL TANKS (COMPENSATING AND NON-COMPENSATING STORAGE, SETTLING, SERVICE AND CARGO, AS APPLICABLE). REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** I-43721-42 / POTW TK TLI - INSP/TST

**MJC:** EXECIL36

**Rev Date:** 07/21/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST THE TANK LEVEL INDICATING SYSTEM (EXTERNAL TO TANK ONLY) FOR THE POTABLE WATER TANKS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** I-43721-44 / CONTAM TK TLI - INSP/TST

**MJC:** EXECIL38

**Rev Date:** 07/21/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST THE TANK LEVEL INDICATING SYSTEM (EXTERNAL TO TANK ONLY) FOR THE CONTAMINATED OIL/WATER TANKS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** I-43721-45 / LO STOR TK TLI - INSP/TST

**MJC:** EXECIL39

**Rev Date:** 07/21/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE TANK LEVEL INDICATING SYSTEM (EXTERNAL TO TANK ONLY) FOR THE LUBE OIL STORAGE TANK(S). REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** I-43731-1 / CKT HD AND HE - INSP/TST

**MJC:** CXECI032

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE WIND DIRECTION AND SPEED INDICATING SYSTEM CIRCUITS HD AND HE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. NOTE: IF APPLICABLE, INSPECTION TO BE ACCOMPLISHED AS PART OF THE AIR CERTIFICATION.

**Task/Abbreviation:** D-43911-3 / SHIPALT MCM1-0201D ACCOMP

**MJC:** EXSAD170

**Rev Date:** 03/04/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 22

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-201D "MMR & AMR CAMERA MODS". |

**Task/Abbreviation:** I-44111-1 / HF COMM ANT - INSP/TST

**MJC:** CXECI033

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE HF COMMUNICATION ANTENNAS AS FOLLOWS: A. INSPECT COMPONENT AND/OR PARTS AND WIRING FOR DEFECTS. B. INSPECT FOUNDATIONS FOR DETERIORATION. C. INSPECT MOUNTING FASTENERS FOR CORROSION. D. INSPECT BONDING STRAPS FOR CORROSION. E. ACCOMPLISH SWEPT VSWR OF BROADBAND TRANSMIT ANTENNAS. F. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** I-44111-2 / UHF COMM ANT - INSP/TST

**MJC:** CXECI034

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE UHF COMMUNICATION ANTENNAS AS FOLLOWS: A. INSPECT COMPONENT AND/OR PARTS AND WIRING FOR DEFECTS. B. INSPECT FOUNDATIONS FOR DETERIORATION. C. INSPECT MOUNTING FASTENERS FOR CORROSION. D. INSPECT BONDING STRAPS FOR CORROSION. E. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** I-44111-3 / VHF COMM ANT - INSP/TST

**MJC:** CXECI035

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE VHF COMMUNICATION ANTENNAS AS FOLLOWS: A. INSPECT COMPONENT AND/OR PARTS AND WIRING FOR DEFECTS. B. INSPECT FOUNDATIONS FOR DETERIORATION. C. INSPECT MOUNTING FASTENERS FOR CORROSION. D. INSPECT BONDING STRAPS FOR CORROSION. E. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** I-44121-1 / ANT CPLR - INSP/TST

**MJC:** CXECI036

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE ANTENNA COUPLERS AND COUPLER GROUPS AS FOLLOWS: A. ACCOMPLISH A VISUAL INSPECTION FOR MISSING OR BROKEN COMPONENTS. B. MEASURE COUPLER INSERTION LOSS AND VOLTAGE STANDING WAVE RATIO (VSWR). C. MEASURE ALIGNMENT AND TRACKING ACCURACY. D. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** I-44131-1 / HF COMM XMTR - INSP/TST

**MJC:** CXECI037

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST THE HF COMMUNICATIONS TRANSMITTERS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** Q-44131-3 / AN/URT-23 XMTR - REPL/TST

**MJC:** CXECQ025

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE AND TEST THE AN/URT-23( )(V) TRANSMITTING SET, PER CONDITION ASSESSMENT RECOMMENDATIONS, AND IN ACCORDANCE WITH THE APPLICABLE TECHNICAL MANUAL.

**Task/Abbreviation:** I-44141-1 / LF /MF/ HF RCVR - INSP/TST

**MJC:** CXECI039

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST THE COMMUNICATIONS RECEIVERS (LF, MF, HF). REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** I-44151-1 / COMM XCVR - INSP/TST

**MJC:** CXECI041

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST THE COMMUNICATIONS TRANSCEIVERS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** I-44162-1 / SINGLE AUDIO SYS - INSP/TST

**MJC:** OXECIG01

**Rev Date:** 07/21/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST SINGLE AUDIO SYSTEM (TO INCLUDE SA-2112, C-10276, C-10316, AM-3729 AND LS-474 UNITS). REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** I-44162-2 / PNL/SWBD - INSP/TST

**MJC:** OXECIG02

**Rev Date:** 07/12/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 45

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST PATCH PANELS AND SWITCHBOARDS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** D-44164-2 / SHIPALT MCM1-0287D ACCOMP

**MJC:** EXSAD562

**Rev Date:** 03/04/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 23

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | SHIPALT MCM1-00287D, RCDR/RPRDCR INST (RD-674B/UNH), NOT ACCOMPLISHED | ACCOMPLISH SHIPALT MCM1-00287D WHICH INSTALLS RD-674B/UNH RECORDER-REPRODUCER AND INTERCONNECTING CABLING IN CIC. |

**Task/Abbreviation:** I-44171-1 / SATL COMM SYS - INSP/TST

**MJC:** CXECI042

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST THE SATELLITE COMMUNICATIONS SYSTEMS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** I-44171-49 / ON-143 - INSP/TST

**MJC:** OXECIG05

**Rev Date:** 07/21/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 90

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST ON-143 ( ) INTERCONNECTING GROUP. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** I-44171-53 / UHF SATL COMM SYS - INSP/TST **MJC:** CXECIG74 **Rev Date:** 07/21/2003

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 1 **Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit **Freq:** 21 **Equip/Task:** 1 **Matl Cost:** 50 **ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST THE UHF SATELLITE COMMUNICATIONS SYSTEMS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** I-44171-55 / EHF SATL COMM SYS - INSP/TST

**MJC:** CXECIG76

**Rev Date:** 07/21/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 50

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE EHF SATELLITE COMMUNICATIONS SYSTEMS. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** I-44181-3 / AN/URQ-23 - INSP/TST

**MJC:** OXECIG09

**Rev Date:** 07/21/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 45

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST AN/URQ-23 FREQUENCY STANDARD. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** I-44191-1 / NAVMACS - INSP/TST

**MJC:** CXECI043

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST THE NAVY MODULAR AUTOMATED COMMUNICATIONS (NAVMACS). REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** Q-44191-2 / ON-143 INTCON GP - REPL/TST

**MJC:** CXECQ027

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 90

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE AND TEST THE ON-143(V)( )/USQ INTERCONNECTING GROUP PER CONDITION ASSESSMENT RECOMMENDATIONS.

**Task/Abbreviation:** Q-44191-4 / RD-397 RCDR-RPDR - REPL/TST

**MJC:** CXECQ029

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 45

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPLACE AND TEST THE RD-397( )(V)/U RECORDER- REPRODUCER PER CONDITION ASSESSMENT RECOMMENDATIONS. |

**Task/Abbreviation:** I-44191-17 / RD-397 - INSP/TST

**MJC:** OXECIG12

**Rev Date:** 07/21/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 45

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST RD-397( ) RECORDER/REPRODUCER. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** I-44211-1 / AN/WQC-2( ) - INSP/TST

**MJC:** CXECI044

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST THE AN/WQC-2( ) SONAR COMMUNICATION SET, INCLUDING THE TRANSDUCERS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** Q-44211-2 / TR-232( )/WQC-2( ) XDCR - REPL

**MJC:** CXECQ030

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE TRANSDUCER TR-232( )/WQC-2( ) OF THE SONAR COMMUNICATION SET PER CONDITION ASSESSMENT RECOMMENDATIONS AND IN ACCORDANCE WITH APPLICABLE TECHNICAL MANUAL. NOTE: PRIOR TO THE DEPOT LEVEL DRYDOCKING AVAILABILITY, ENSURE INSPECTION AND TESTING OF THE TRANSDUCER USING THE AN/WQM-8 SONAR TEST SET. TYPE COMMANDER WILL ARRANGE FOR ACCOMPLISHMENT OF THIS PRIOR TO START OF THE DEPOT LEVEL DRYDOCKING AVAILABILITY. FORWARD REPORT TO NAVAL UNDERSEA WARFARE CENTER, NEWPORT, RI (FOR EAST COAST AVAILABILITIES)/KEYPORT, WA (FOR WEST COAST AVAILABILITIES). USUALLY ACCOMPLISHED BY FTSCLANT/FTSCPAC.

**Task/Abbreviation:** Q-44211-3 / TR-233( )/WQC-2( ) XDCR - REPL

**MJC:** CXECQ094

**Rev Date:** 09/30/1998

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE TRANSDUCER TR-233( )/WQC-2( ) OF THE SONAR COMMUNICATION SET PER CONDITION ASSESSMENT RECOMMENDATIONS AND IN ACCORDANCE WITH APPLICABLE TECHNICAL MANUAL. NOTE: PRIOR TO THE DEPOT LEVEL DRYDOCKING AVAILABILITY, ENSURE INSPECTION AND TESTING OF THE TRANSDUCER USING THE AN/WQM-8 SONAR TEST SET. TYPE COMMANDER WILL ARRANGE FOR ACCOMPLISHMENT OF THIS PRIOR TO START OF THE DEPOT LEVEL DRYDOCKING AVAILABILITY. FORWARD REPORT TO NAVAL UNDERSEA WARFARE CENTER, NEWPORT, RI (FOR EAST COAST AVAILABILITIES)/KEYPORT, WA (FOR WEST COAST AVAILABILITIES). USUALLY ACCOMPLISHED BY FTSCLANT/FTSCPAC.

**Task/Abbreviation:** I-44311-1 / AN/SAT-2( ) XMTR - INSP/TST

**MJC:** CXECI045

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE AN/SAT-2( ) INFRARED TRANSMITTER SET, INCLUDING GASKETS, WHITE LIGHT EMISSION, SUPPORTING STRUCTURES, HARDWARE TIGHTNESS AND LUBRICATION. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** I-44511-1 / TELETYPE EQPT - INSP/TST

**MJC:** CXECI046

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST THE TELETYPE EQUIPMENT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** O-44511-6 / FC-12 PRINTER - ACCOMP

**MJC:** CXFCO009

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | FC-12, PRINTER REMOVAL, NOT ACCOMPLISHED | ACCOMPLISH FIELD CHANGE-12. |

**Task/Abbreviation:** I-44614-4 / KY-58/ANDVT - INSP/TST

**MJC:** CXECI413

**Rev Date:** 07/21/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 45

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST KY-58/ANDVT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** I-45011-1 / RDR REPEATERS - INSP/TST

**MJC:** CXECI048

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST THE RADAR REPEATERS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** I-45155-1 / AN/SPS-55 ANT/PED - INSP/TST

**MJC:** CXECI051

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH A VISUAL INSPECTION AND A VOLTAGE STANDING WAVE RATIO (VSWR) AND ROTATIONAL TESTS ON THE AN/SPS- 55( ) RADAR ANTENNA AND PEDESTAL UTILIZING APPLICABLE MRC CARDS AND TECHNICAL MANUAL ALIGNMENT PROCEDURES. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** Q-45155-2 / AN/SPS-55 ANT/PED - REPL/TST

**MJC:** CXECQ033

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,350

**ManDays:** 30

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE AN/SPS-55( ) RADAR ANTENNA AND PEDESTAL PER CONDITION ASSESSMENT RECOMMENDATIONS AND IN ACCORDANCE WITH THE APPLICABLE TECHNICAL MANUAL. ACCOMPLISH A PRE-INSTALLATION OPERATIONAL TEST OF THE NEW ANTENNA SET AND A VOLTAGE STANDING WAVE RATIO (VSWR) AND INSERTION LOSS TESTS TO THE SHIPBOARD INSTALLED WAVEGUIDE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVE SATISFACTORY OPERATION BY APPROPRIATE STAGE OF COMBAT SYSTEM TESTING.

**Task/Abbreviation:** I-45155-3 / AN/SPS-55 RDR SET - INSP/TST

**MJC:** CXECI052

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST THE AN/SPS-55( ) RADAR SET (LESS ANTENNA AND PEDESTAL) UTILIZING APPLICABLE MRC CARDS AND TECHNICAL MANUAL ALIGNMENT PROCEDURES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** Q-45155-4 / AN/SPS-55 RDR SET - RPR/TST

**MJC:** CXECQ034

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,350

**ManDays:** 30

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE AN/SPS-55( ) RADAR SET (LESS ANTENNA AND PEDESTAL) PER CONDITION ASSESSMENT RECOMMENDATIONS. PROVE SATISFACTORY OPERATION BY APPROPRIATE STAGE OF COMBAT SYSTEM TESTING.

**Task/Abbreviation:** I-45155-5 / AN/SPS-55 RDR WG - INSP/TST **MJC:** CXECI129 **Rev Date:** 03/01/1999

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 1 **Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit **Freq:** 21 **Equip/Task:** 1 **Matl Cost:** **ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | ACCOMPLISH A VISUAL INSPECTION AND A VOLTAGE STANDING WAVE RATIO (VSWR) TEST ON THE AN/SPS- 55( ) RADAR WAVEGUIDE UTILIZING APPLICABLE MRC CARDS AND TECHNICAL MANUAL ICDS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** Q-45155-6 / AN/SPS-55 RDR WG - RPR

**MJC:** CXECQ097

**Rev Date:** 03/02/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 360

**ManDays:** 8

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE AN/SPS- 55( ) RADAR WAVEGUIDE PER CONDITION ASSESSMENT RECOMMENDATIONS.

**Task/Abbreviation:** I-45511-1 / IFF SYS - INSP/TST

**MJC:** CXECI066

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST THE IFF SYSTEM. IFF SYSTEMS CONSIST OF TRANSPONDER AND INTERROGATOR GROUPS AND ASSOCIATED EQUIPMENT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** I-47511-1 / DEGAUSSING SYS - INSP/TST

**MJC:** EXECI163

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE DEGAUSSING SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. THE FOLLOWING TESTS TO BE ACCOMPLISHED IN THE FOLLOWING SEQUENCE: A. COIL INSTALLATION TESTS. B. CONTROL AND POWER EQUIPMENT TESTS. C. DEGAUSSING COIL TURNS AND POLARITY TESTS. D. AMMETER CALIBRATION. E. COMPASS COMPENSATION COILS CHECK. NOTES: 1. USE FORM NAVSEA 8950/41 TO ANNOTATE RESULTS.

**Task/Abbreviation:** A-47511-2 / AER MCM1-0836E - ACCOMP

**MJC:** EXTYA553

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00836, MAGNETIC CABLE TERM BOX MOD, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00836 WHICH REPAIRS PITTING IN THE MAGNETIC CABLE TERMINAL BOX. |

**Task/Abbreviation:** D-47601-1 / SHIPALT MCM1-0193D ACCOMP

**MJC:** TXSAD002

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-193D "MAG CABLE ENDLESS SLING DRUM" WHICH MODIFYS THE MAGNETIC CABLE REEL TO PREVENT DAMAGE TO THE CABLE AND TO IMPROVE LAYERING OF THE QUAD CABLE WHEN SPOOLING ONTO THE CABLE REEL. |

**Task/Abbreviation:** I-47611-1 / MAG MS GT GEN SET- INSP/TST

**MJC:** CXECI078

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE MAGNETIC MINESWEEPING GAS TURBINE GENERATOR SET. REPORT CONDITIONS FOUND TO SHIP'S CSMP. TO INCLUDE: A. ALARM AND SAFETY DEVICES. B. GOVERNOR SYSTEM, OVERSPEED. C. GOVERNOR SYSTEM, SPEED. D. LOAD TESTS (MINESWEEP/SHIP SERVICE MODES), OPERATIONAL. E. REGULATION SYSTEM, VOLTAGE. F. VIBRATION ANALYSIS SURVEY.

**Task/Abbreviation:** Q-47611-2 / MAG MS GT GEN PT - CLN/POLISH

**MJC:** CXECQ084

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 135

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | CLEAN AND POLISH COMMUTATORS AND SLIP RINGS (IN PLACE) ON THE MINESWEEPING GENERATOR. REPLACE BRUSHES. |

**Task/Abbreviation:** I-47611-4 / MAG MS SYS - INSP/TST

**MJC:** CXECI081

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE MAGNETIC INFLUENCE MINESWEEPING SYSTEM (AN/SLQ-37(V)) EQUIPMENTS INCLUDING MAGTAIL CABLES (Q3, S3, CLE AND K4) K-ELECTRODES, CONTROLLER, GENERATOR, EXCITER, SWITCHBOARD AND CONTACTOR PANELS. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** I-47611-5 / MECH MS SYS - INSP/TST

**MJC:** CXECI082

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE MECHANICAL MINESWEEPING EQUIPMENT INCLUDING STERN ROLLER, CUTTERS, ELEVATING FIN ASSEMBLY, KITS, FLOATS WIRE AND LAUNCH AREA TELEVISION CAMERA. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** I-47611-6 / ACOUSTIC MS SYS - INSP/TST

**MJC:** CXECI083

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE ACOUSTIC INFLUENCE MINESWEEPING EQUIPMENT INCLUDING DEVICES, CABLE AND CONTROLLER. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** I-47611-7 / MECH MS WN - INSP/TST

**MJC:** CXECI084

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST THE MECHANICAL MINESWEEPING WINCH AND REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** Q-47611-8 / MAG MS GT GEN RESIL MT - REPL

**MJC:** EXECQC21

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE RESILIENT MOUNTS OF THE MAGNETIC MINESWEEPING GAS TURBINE GENERATOR SET IN ACCORDANCE WITH APPLICABLE TECHNICAL MANUAL AND PER CONDITION ASSESSMENT RECOMMENDATIONS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. STAMP INSTALLATION DATE OF RESILIENT MOUNTS ON DESIGNATED LOCATION. NOTES: 1. DEFERRAL OF THIS TASK AND EXTENDING THE MOUNT LIFE BEYOND THE NAVSEA APPROVED PERODICITY REQUIRES A DEPARTURE FROM SPECIFICATIONS (DFS) ISSUED BY THE TYPE COMMANDER.

**Task/Abbreviation:** Q-47611-10 / MAG MS GT GEN RDCN GR - RPR

**MJC:** EXECQC23

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE GEAR BOX OF THE MAGNETIC MINESWEEPING GAS TURBINE GENERATOR SET. SEND REMOVED GEAR BOX TO OEM (SOLAR TURBINES, INC.) FOR REPAIR. CONDUCT OPERATIONAL TESTS.

**Task/Abbreviation:** Q-47611-11 / MAG MS GT GEN - RPR

**MJC:** EXECQC24

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE END COVERS & INNER AIR SHIELDS OF GENERATOR OF MAGNETIC MINESWEEPING GAS TURBINE GENERATOR SET FOR INSP & REPAIRS. INSPECT FIELD ROTOR FAN RING ASSEMBLIES. MEASURE IR OF FIELD & STATOR WINDINGS. VERIFY CONTINUITY OF RTD'S CIRCUITRY. MEASURE & RECORD AS FOUND & POST REPAIRS CLEARANCES & ALIGN DATA. REPORT CONDITIONS FOUND TO SHIP'S CSMP. CLEAN BRUSH RIGGING IN PLACE WITH APPROVED SOLVENTS. REPLACE & SEAT COLLECTOR RING BRUSHES. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM FOLLOWING LIST, REASSEMBLE UNIT USING JOINT SEALANTS & NEW GASKETS. ACCOMPLISH OP TESTS (MINESWEEP/SHIP SERVICE) & VIBRATION ANALYSIS SURVEY. A. CLN STATOR & ROTOR WDG. PROVIDE IR RDNG ON COMPL. B. RESURFACE AND MACHINE JOURNAL. C. MACH AND/OR POLISH COLLECTOR RING ASSY IN PLACE. D. REWIND OR REPLACE FIELD. E. REWIND STATOR OR REPLACE STATOR ASSEMBLY. F. REBABBITT OR REPLACE GENERATOR JOURNAL BEARING. G. REPLACE OIL DEFLECTORS. NOTES: 1. GEN STATOR SPACE HEATERS TO BE ENERGIZED.

**Task/Abbreviation:** Q-47611-12 / MAG MS GT GEN AIR CLR - RPR

**MJC:** EXECQC25

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

**Task/Abbreviation:** Q-47611-13 / MAG MS GT GEN SET - ALIGN

**MJC:** EXECQC26

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ALIGN THE GENERATOR OF THE MAGNETIC MINESWEEPING GAS TURBINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS. MEASURE AND RECORD AS- FOUND CLEARANCES AND ALIGNMENT DATA. AFTER JOURNAL BEARING REPLACEMENT AND OTHER ALIGNMENT ADJUSTMENTS, ENSURE BEARING, FIELD ROTOR AND STATOR ARE ALL WITHIN THE SAME CENTERLINE AND THAT THE FIELD ROTOR IS SATISFACTORILY ALIGNED TO THE REDUCTION GEAR LOW SPEED SHAFT. A. ACCOMPLISH REQUIRED ALIGNMENT CORRECTIONS. B. INSTALL NEW GENERATOR STATOR-TO-FOUNDATIONS DOWELS. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** I-47611-14 / SSPG - INSP/TST

**MJC:** EXECI269

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST THE SOLID STATE PULSE GENERATOR (SSPG). REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** I-47611-15 / ISWG - INSP/TST

**MJC:** EXECI270

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST THE INFLUENCE SWEEPING WAVEFORM GENERATOR (ISWG). REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** I-47611-16 / SPL FREQ SWBD - INSP/TST/ADJ

**MJC:** EXECI273

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

VISUALLY INSPECT AND ACCOMPLISH AN INFRARED SURVEY ON THE SPECIAL FREQUENCY SWITCHBOARD TO ENSURE TIGHTNESS OF THE BUS BAR AND CONDUCTOR TERMINALS/LUGS. TEST AND ADJUST IN PLACE ALL RELAYS AND CIRCUIT BREAKERS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. TO INCLUDE CIRCUIT BREAKERS, COILS (CLOSING AND TRIPPING), GOVERNOR SYSTEM (SPEED-ELECTRONIC), INSTRUMENTATION, RELAYS (LOW VOLTAGE, OVERCURRENT AND REVERSE POWER), SYNCHRONIZING SYSTEM AND TRANSFORMERS CURRENT AND POWER). NOTES: 1. WORK MUST BE SCHEDULED TO AVOID INTERFERENCE WITH SHIPBOARD AND SHIPYARD ROUTINE AND NOT BE COMMENCED WITHOUT THE SUPERVISOR'S APPROVAL. 2. ON COMPLETION AND IN CONSONANCE WITH THE LIGHT OFF/TEST SCHEDULE, INSPECT, TEST AND ADJUST ALL ELECTRICAL PROTECTIVE DEVICES.

**Task/Abbreviation:** I-47611-17 / SPL FREQ CONT PNL-INSP/TST/ADJ **MJC:** EXECI274 **Rev Date:**

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 1 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 21 **Equip/Task:** 1 **Matl Cost:** **ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | VISUALLY INSPECT AND ACCOMPLISH AN INFRARED SURVEY ON THE SPECIAL FREQUENCY CONTROL PANEL TO ENSURE TIGHTNESS OF THE BUS BAR AND CONDUCTOR TERMINALS/LUGS. TEST AND ADJUST IN PLACE ALL RELAYS AND CIRCUIT BREAKERS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. TO INCLUDE CIRCUIT BREAKERS, COILS (CLOSING AND TRIPPING), INSTRUMENTATION, RELAYS (LOW VOLTAGE, OVERCURRENT, AND REVERSE POWER), SYNCHRONIZING SYSTEM AND TRANSFORMERS (CURRENT AND POWER). NOTES: 1. WORK MUST BE SCHEDULED TO AVOID INTERFERENCE WITH SHIPBOARD AND SHIPYARD ROUTINE AND NOT BE COMMENCED WITHOUT THE SUPERVISOR'S APPROVAL. 2. ON COMPLETION AND IN CONSONANCE WITH THE LIGHT OFF/TEST SCHEDULE, INSPECT, TEST AND ADJUST ALL ELECTRICAL PROTECTIVE DEVICES. |

**Task/Abbreviation:** I-47611-18 / SPL FREQ PWR PNL-INSP/TST/ADJ **MJC:** EXECI275 **Rev Date:**

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 1 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 21 **Equip/Task:** 1 **Matl Cost:** **ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

VISUALLY INSPECT AND ACCOMPLISH AN INFRARED SURVEY ON THE SPECIAL FREQUENCY POWER PANEL TO ENSURE TIGHTNESS OF THE BUS BAR AND CONDUCTOR TERMINALS/LUGS. TEST AND ADJUST IN-PLACE ALL RELAYS AND CIRCUIT BREAKERS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. TO INCLUDE CIRCUIT BREAKERS, COILS (CLOSING AND TRIPPING), INSTRUMENTATION, RELAYS (LOW VOLTAGE, OVERCURRENT, AND REVERSE POWER), SYNCHRONIZING SYSTEM AND TRANSFORMERS (CURRENT AND POWER). NOTES: 1. WORK MUST BE SCHEDULED TO AVOID INTERFERENCE WITH SHIPBOARD AND SHIPYARD ROUTINE AND NOT BE COMMENCED WITHOUT THE SUPERVISOR'S APPROVAL. 2. ON COMPLETION AND IN CONSONANCE WITH THE LIGHT OFF/TEST SCHEDULE, INSPECT, TEST AND ADJUST ALL ELECTRICAL PROTECTIVE DEVICES.

**Task/Abbreviation:** I-47611-19 / MS SWBD - INSP/TST/ADJ

**MJC:** EXECI278

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

VISUALLY INSPECT AND ACCOMPLISH AN INFRARED SURVEY ON THE MINESWEEPING SWITCHBOARD TO ENSURE TIGHTNESS OF THE BUS BAR AND CONDUCTOR TERMINALS/LUGS. TEST AND ADJUST IN PLACE ALL RELAYS AND CIRCUIT BREAKERS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. TO INCLUDE CIRCUIT BREAKERS, COILS (CLOSING AND TRIPPING), GOVERNOR SYSTEM (SPEED-ELECTRONIC), INSTRUMENTATION, RELAYS (LOW VOLTAGE, OVERCURRENT, AND REVERSE POWER), SYNCHRONIZING SYSTEM AND TRANSFORMERS (CURRENT AND POWER). NOTES: 1. WORK MUST BE SCHEDULED TO AVOID INTERFERENCE WITH SHIPBOARD AND SHIPYARD ROUTINE AND NOT BE COMMENCED WITHOUT THE SUPERVISOR'S APPROVAL. 2. ON COMPLETION AND IN CONSONANCE WITH THE LIGHT OFF/TEST SCHEDULE, INSPECT, TEST AND ADJUST ALL ELECTRICAL PROTECTIVE DEVICES.

**Task/Abbreviation:** M-47611-21 A / (M)STERN CRANE - LD TST

**MJC:** EXECM342

**Rev Date:** 10/16/2001

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 48

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

NSTM CH-589, PARA. 589-5.5.1 AND PARA. 6.3.1.2

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | NSTM REQUIREMENT DUE | INSPECT AND CONDUCT STATIC, DYNAMIC AND WORKING LOAD WEIGHT TEST OF THE STERN CRANES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. NOTE: 1. LOAD-TESTING IS REQUIRED AFTER REPAIR OR REPLACEMENT OF LOAD-BEARING COMPONENTS OR EQUIPMENT REMOVAL. |

**Task/Abbreviation:** D-47611-22 / SHIPALT MCM1-0004D ACCOMP

**MJC:** DXSAD031

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 40

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-4D "AFT DK MACHRY EMER START/STOP". |

**Task/Abbreviation:** K-47611-23 / SHIPALT MCM1-0188K ACCOMP

**MJC:** ESXAK248

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 200

**Referenced Authority:**

FMP

**Reason:**

BASELINE

**Problem Description:**

NAVSEA AUTHORIZED SHIPALT

**Recommended Solution:**

ACCOMPLISH SHIPALT MCM1-188K "MCM (1-8) HYDRAULIC POWER UNIT (HPU) PUMP REPLACEMENT". THERE ARE NO SPARES OR REPAIR PARTS IN THE SUPPLY SYSTEM. THE EXISTING NON-MAGNETIC PUMPS ARE OBSOLETE, OEM WILL ONLY PROVIDE SUPPLY OF REPAIR PARTS AND SPARES WITH MINIMUM ORDER OF TWENTY (20) AND LONG LEAD TIME. AS A RESULT, MCM-3 HAS INSTALLED MAGNETIC PUMPS AS REPLACEMENT FOR ITS ORIGINAL NON-MAGNETIC PUMPS. THE SHIP IS ON EXTENDED DFS AND ITS MINE COUNTERMEASURE CAPABILITY HAS BEEN SEVERELY LIMITED.

**Task/Abbreviation:** A-47611-24 / AER MCM1-0687E - ACCOMP

**MJC:** EXTYA554

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00687, AFT DECK TENSIONMETER SHEAVES, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00687 WHICH INSTALLS PROTECTIVE GUARDS FOR THE DECK TENSIONMETER INSTRUMENTED SHEAVE ELECTRICAL CABLES IN ACCORDANCE WITH THE DRAWINGS THAT ACCOMPANY THE AER. |

**Task/Abbreviation:** A-47611-25 / AER MCM1-0793E - ACCOMP

**MJC:** EXTYA555

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 2,237

**ManDays:** 11

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00793, INSTALL SHEAVE LUBE SYS MOD, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00793 WHICH INSTALLS ZERK FITTING IN INSTRUMENTED SHEAVE ASSEMBLY. |

**Task/Abbreviation:** A-47611-26 / AER MCM1-0783E - ACCOMP

**MJC:** EXTYA556

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00783, RELOC MSGT START THROT V GAGEB, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00783 WHICH RELOCATES THE EXISTING GAGE BOARD FOR THE GAS TURBINE HYDRAULIC STARTER THROTTLE VALVE IN ACCORDANCE WITH THE AER SCHEMATIC DRAWING. |

**Task/Abbreviation:** Q-47611-27 / MAG MS GTG LO CLR - CLN/INSP

**MJC:** EXECQL05

**Rev Date:** 12/05/2002

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 500

**ManDays:** 3

**Referenced Authority:**

MCM - 1 CLASS ADVISORY 01-03

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE. |

**Task/Abbreviation:** M-47611-28 / (M)MAG MS GTG LO CLR - REPL

**MJC:** EXECML05

**Rev Date:** 05/07/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 72

**Equip/Task:** 1

**Matl Cost:** 5,000

**ManDays:** 5

**Referenced Authority:**

MCM - 1 CLASS ADVISORY 01-03

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | MCM-1 CLASS ADVISORY 01-03 REQUIREMENT DUE | REMOVE THE MMGTG LUBE OIL COOLER FROM THE SHIP. DISASSEMBLE COOLER ASSEMBLY. DISCARD TUBE BUNDLE CORE, GASKETS, O-RINGS, LANTERN RING AND PROTECTOR ROD (ZINC ASSEMBLIES). NO REPAIR TO THE TUBE BUNDLE IS AUTHORIZED. INSPECT AND CLEAN COOLER SHELL ASSEMBLY AND BONNET ASSEMBLIES. ASSEMBLE COOLER WITH NEW TUBE BUNDLE, GASKETS, O-RINGS, LANTERN RING AND ZINC ASSEMBLIES . ENSURE ONLY OEM PARTS ARE UTILIZED DURING REASSEMBLY (NO FABRICATED MATERIAL IS AUTHORIZED FOR COOLER REASSEMBLY). HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES, NO LEAKAGE ALLOWED. REINSTALL LUBE OIL COOLER ON SHIP. PERFORM OPERATIONAL TEST UPON COMPLETION OF COOLER INSTALLATION. FOR MMGTG LUBE OIL COOLER REFER TO MMGTG O & I LEVEL TECHNICAL MANUAL S9234-FG-MMM-010, VOLUME 1. DOCUMENT TASK ACCOMPLISHMENT IN SHIP'S FORCE MMGTG MARINE GAS TURBINE EQUIPMENT LOGBOOK (MGTEL) UNDER MISC HISTORY SECTION. |

**Task/Abbreviation:** Q-47611-29 / DC GEN BRG LO CLR - CLN/INSP

**MJC:** EXECQL08 **Rev Date:** 05/07/2003

**Std Template:** **Sit Reqs:** **Priority:** Mandatory **Qty:** 1 **Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 21 **Equip/Task:** 1 **Matl Cost:** 400 **ManDays:** 3

**Referenced Authority:**

MCM - 1 CLASS ADVISORY 01-03

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE. |

**Task/Abbreviation:** M-47611-30 / (M)DC GEN BRG LO CLR - REPL

**MJC:** EXECMJ57

**Rev Date:** 05/07/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 72

**Equip/Task:** 1

**Matl Cost:** 4,000

**ManDays:** 5

**Referenced Authority:**

MCM - 1 CLASS ADVISORY 01-03

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | MCM-1 CLASS ADVISORY 01-03 REQUIREMENT DUE | REMOVE THE MMGT DC GENERATOR BEARING LUBE OIL COOLER FROM THE SHIP. DISASSEMBLE COOLER ASSEMBLY. DISCARD TUBE BUNDLE CORE, GASKETS AND O-RINGS (NO REPAIR TO THE TUBE BUNDLE IS AUTHORIZED). INSPECT AND CLEAN COOLER SHELL ASSEMBLY AND BONNET ASSEMBLIES. ASSEMBLE COOLER WITH NEW TUBE BUNDLE, GASKETS AND O-RINGS. ENSURE ONLY OEM PARTS ARE UTILIZED DURING REASSEMBLY (NO FABRICATED MATERIAL IS AUTHORIZED FOR COOLER REASSEMBLY). HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES, NO LEAKAGE ALLOWED. REINSTALL LUBE OIL COOLER ON SHIP. PERFORM OPERATIONAL TEST UPON COMPLETION OF COOLER INSTALLATION. FOR MMGT DC GENERATOR LUBE OIL COOLER REFER TO MAGNETIC MINESWEEP DC GENERATOR OPERATION AND MAINTENANCE TM S6265-AP-MMA-010. DOCUMENT TASK ACCOMPLISHMENT IN SHIP'S FORCE MMGTG MARINE GAS TURBINE EQUIPMENT LOGBOOK (MGTEL) UNDER MISC HISTORY SECTION (HULLS MCM-1 THRU MCM-8 ONLY). |

**Task/Abbreviation:** J-47611-31 / DC GEN BRG LO CLR - PLUG TB

**MJC:** EXECJ290

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 400

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-47611-32 / DC GEN BRG LO CLR-REPL BUNDLE

**MJC:** EXECJ291

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 400

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-47611-33 / DC GEN BRG LO CLR - REPL TB

**MJC:** EXECJ292

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 400

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-47611-34 / DC GEN BRG LO CLR - REPL ZINCS

**MJC:** EXECJ293

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 400

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-47611-35 / DC GEN BRG LO CLR - REROLL TB

**MJC:** EXECJ294

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 400

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-47611-36 / DC GEN BRG LO CLR-RPR TB SH

**MJC:** EXECJ295

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 400

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-47611-37 / DC GEN BRG LO CLR-RPR TB SPRTS

**MJC:** EXECJ296

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 400

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-47611-38 / MAG MS GT GEN AIR CLR-PLUG TB

**MJC:** EXECJ416

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 500

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-47611-39 / MS GT GEN AIR CLR-REPL BUNDLE

**MJC:** EXECJ417

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 500

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-47611-40 / MAG MS GT GEN AIR CLR-REPL TB

**MJC:** EXECJ418

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 500

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-47611-41 / MS GT GEN AIR CLR - REPL ZINCS

**MJC:** EXECJ419

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 500

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-47611-42 / MS GT GEN AIR CLR - REROLL TB

**MJC:** EXECJ420

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 500

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-47611-43 / MS GT GEN AIR CLR - RPR TB SH

**MJC:** EXECJ421

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 500

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-47611-44 / MS GT GEN AIR CLR-RPR TB SPRTS

**MJC:** EXECJ422

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 500

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-47611-45 / MAG MS GTG LO CLR - PLUG TB

**MJC:** EXECJ423

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 500

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-47611-46 / MAG MS GTG LO CLR-REPL BUNDLE

**MJC:** EXECJ424

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 500

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-47611-47 / MAG MS GTG LO CLR - REPL TB

**MJC:** EXECJ425

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 500

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-47611-48 / MAG MS GTG LO CLR - REPL ZINCS

**MJC:** EXECJ426

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 500

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-47611-49 / MAG MS GTG LO CLR - REROLL TB

**MJC:** EXECJ427

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 500

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-47611-50 / MAG MS GTG LO CLR-RPR TB SH

**MJC:** EXECJ428

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 500

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-47611-51 / MAG MS GTG LO CLR-RPR TB SPRTS

**MJC:** EXECJ429

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 500

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** I-47621-2 / AN/SQQ-32 SNR SYS - INSP/TST

**MJC:** CXECI086

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE AN/SQQ-32 SONAR SYSTEM AND REPORT CONDITIONS FOUND TO SHIP'S CSMP. TO INCLUDE: A. TESTING AND INSPECTION OF THE AN/SQQ-32 SONAR SYSTEM INCLUDING CONSOLES, TRANSMITTER, TOWED BODY AND TRANSDUCERS. B. STATIC AND DYNAMIC WEIGHT-TEST OF THE AN/SQQ-32 SONAR WINCH, CABLE AND TOWING EYE.

**Task/Abbreviation:** I-47621-3 / AN/SLQ-48 MNS - INSP/TST

**MJC:** CXECI087

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE MINE COUNTERMEASURE AND/OR NEUTRALIZATION SYSTEM (AN/SLQ-48)(V)) EQUIPMENT INCLUDING VEHICLE, CONSOLES, HANDLING SYSTEM AND UMBILICAL CABLE ASSEMBLY. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** A-47621-9 / AER MCM1-0812E - ACCOMP

**MJC:** EXTYA557

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 11,565

**ManDays:** 40

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00812, 2ND MNV POWER MOD, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00812 WHICH PROVIDES MEANS OF TRANSFERRING POWER AND TELEMETRY SIGNALS FROM MAIN MNV TO SPARE MNV. |

**Task/Abbreviation:** O-47621-10 / FC-41 AN/SLQ-48, ACCOMP

**MJC:** EXFCO001

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | FC-41, IMPROVE UMBILICAL CABLE CUTTER, NOT ACCOMPLISHED | ACCOMPLISH FIELD CHANGE-41. |

**Task/Abbreviation:** O-47621-11 / FC-43 AN/SLQ-48, ACCOMP

**MJC:** EXFCO002

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | FC-43, IMPROVE SWAY BRACE ATTACHMENT, NOT ACCOMPLISHED | ACCOMPLISH FIELD CHANGE-43. |

**Task/Abbreviation:** O-47621-12 / FC-45 AN/SLQ-48, ACCOMP

**MJC:** EXFCO003

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | FC-45, MNV UMBILICAL CABLE DRUM MOD, NOT ACCOMPLISHED | ACCOMPLISH FIELD CHANGE-45. |

**Task/Abbreviation:** A-49111-8 / AER MCM1-60201E - ACCOMP

**MJC:** EXTYA558

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-60201, NAVY DISTANCE SUPPORT, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-60201 WHICH UTILIZES SHIPBOARD PCS AND EXISTING COMM EQUIPMENT. PROVIDES PORTABLE VIDEO EQPMT AS PART OF AER AND PLACED IN SECURED STORAGE WHEN NOT IN USE. PROVIDES SHIPBOARD TECHNICIANS ABILITY TO INTERFACE WITH ASHORE TECHNICIANS. REDUCE NEED FOR TECH REPS TO DO ONSITE TROUBLESHOOTING AND REPAIR. |

**Task/Abbreviation:** I-49111-16 / 2M RPR - INSP/TST

**MJC:** OXECIG13

**Rev Date:** 07/21/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 111

**Matl Forecast:**

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 180

**ManDays:** 4

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST MICRO MINIATURE REPAIR STATION AND CERTIFICATION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** I-49531-6 / AN/USQ-119 - INSP/TST

**MJC:** CXECI431

**Rev Date:** 07/21/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 180

**ManDays:** 4

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST AN/USQ-119( ) JOINT OPERATIONAL TACTICAL SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** R-50810-1 / LAG MCHRY SP - RMV/RPR/INST

**MJC:** EXSYR156

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** X

**Matl Cost:** 3,375

**ManDays:** 75

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH THE FOLLOWING FOR THERMAL INSULATION ON PIPING AND MACHINERY, INCLUDING REMOVABLE PADS, WITHIN THE MACHINERY SPACES. REMOVAL AND INSTALLATION OF INSULATION AND LAGGING ARE TO BE IN ACCORDANCE WITH RELATED ASBESTOS REMOVAL CONTROL PROCEDURES AND NAVSEA STANDARD ITEM 009-11. FOR PLANNING PURPOSES, _____ MANDAYS AND $_____ MATERIAL COSTS ARE AUTHORIZED. SHIPS FORCE TO PROVIDE LAGGING PRIORITY LIST TO THE NAVAL SUPERVISING ACTIVITY. A. REMOVE EXISTING AND INSTALL NEW INSULATION AND LAGGING B. REPAIR DAMAGED OR DETERIORATED INSULATION AND LAGGING C. REPLACE MISSING INSULATION AND LAGGING WITH NEW

**Task/Abbreviation:** R-50810-2 / LAG NONMCHRY SP - RMV/RPR/INST

**MJC:** EXSYR157

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** X

**Matl Cost:** 3,375

**ManDays:** 75

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH THE FOLLOWING FOR THERMAL INSULATION ON PIPING AND MACHINERY, INCLUDING REMOVABLE PADS, OUTSIDE OF THE MACHINERY SPACES. REMOVAL AND INSTALLATION OF INSULATION AND LAGGING ARE TO BE IN ACCORDANCE WITH RELATED ASBESTOS REMOVAL CONTROL PROCEDURES AND NAVSEA STANDARD ITEM 009-11. FOR PLANNING PURPOSES, _____ MANDAYS AND $_____ MATERIAL COSTS ARE AUTHORIZED. SHIPS FORCE TO PROVIDE LAGGING PRIORITY LIST TO THE NAVAL SUPERVISING ACTIVITY. A. REMOVE EXISTING AND INSTALL NEW INSULATION AND LAGGING B. REPAIR DAMAGED OR DETERIORATED INSULATION AND LAGGING C. REPLACE MISSING INSULATION AND LAGGING WITH NEW

**Task/Abbreviation:** A-51111-4 / AER MCM1-0747E - ACCOMP

**MJC:** EXTYA560

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00747, SSDG SPACE HEATER REDESIGN, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00747 WHICH INSTALLS NEW TUBULAR SPACE HEATER AND ACCESS TO HEATER ON GENERATOR END OF SSDGS. |

**Task/Abbreviation:** I-51211-1 / VENT SYS NONMCHRY SPACES- INSP

**MJC:** EXECI164

**Rev Date:** 11/14/2002

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT FOR CLEANLINESS AND INTEGRITY ALL SUPPLY AND EXHAUST VENTILATION SYSTEMS OUTSIDE THE MACHINERY SPACES AND ACCOMPLISH A VOLUMETRIC OUTPUT TEST. INSPECTION TO INCLUDE DUCTWORK, FLEXIBLE CONNECTORS, RESILIENT MOUNTS, VENT SCREENS AND DRAINS. REPORT CONDITIONS FOUND TO CSMP.

**Task/Abbreviation:** D-51211-18 / SHIPALT MCM1-0156D ACCOMP

**MJC:** EXSAD165

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 161

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-156D "HVAC AND CONDENSATE DRAIN PIPING INSULATION MODIFICATION" PURPOSE: TO PROVIDE INSULAITON ON AIR CONDITIONING DUCT, CHILLED WATER PIPING AND COOLING COIL CONDENSATE DRAIN PIPING TO PREVENT EXCESSIVE CONDENSATION. WILL ALSO PROVIDE CONDITIONED AIR CIRCULATION IN FAN ROOMS 01-69-2-Q, 01-57-1-Q, 02-38-1-Q TO ALLEVIATE CONDENSATE BUILDUP. |

**Task/Abbreviation:** A-51211-26 / AER MCM1-0221E - ACCOMP

**MJC:** EXTYA066

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED ALTERATION | ACCOMPLISH SHIPALT MCM1-0221E "INSTALL VENT DUCT ACCESS OPENINGS" WHICH INSTALLS VENTILATION ACCESS OPENINGS IN VARIOUS VENTILATION SYSTEM DUCTS IN THE PERFORMANCE OF THE DAMAGE CONTROL PMS REQUIREMENT TO CLEAN DUCT WORK. |

**Task/Abbreviation:** A-51211-48 / AER MCM1-0685E - ACCOMP

**MJC:** EXTYA565

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 40,682

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00685, FLAM STRM ELEC OPER VENT CLOSU, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00685 WHICH INSTALL ELECTRIC ACTUATOR VENT CLOSURES IN THE DUCTING FOR THE NON-DEDICATED SUPPLY AND EXHAUST SYSTEMS SERVING THE FLAMMABLE MATERIAL STOREROOM (2-0-0-A). |

**Task/Abbreviation:** A-51211-49 / AER MCM1-0805E - ACCOMP

**MJC:** EXTYA566

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 5,325

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00805, IC GYRO AIR COND UPGRADE, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00805 WHICH REMOVES EXISTING ELECTRIC HEATER, DIFFUSERS, AND DUCTING IN THE IC GYRO ROOM (01-57-2-C) AND REPLACES WITH LARGER COMPONENTS. |

**Task/Abbreviation:** A-51211-50 / AER MCM1-0784E - ACCOMP

**MJC:** EXTYA567

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 5,680

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00784, REDUCE FAN RM CONDENSATION, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00784 WHICH PROVIDES IMPROVED AIR CIRCULATION, INSULATES CHILLED WATER PIPING, AND IMPROVES DECK DRAINS IN FAN ROOMS 01-69-2-Q, 01-57-1-Q, AND 02-38-1-Q. |

**Task/Abbreviation:** I-51311-1 / MCHRY VENT SYS - INSP

**MJC:** EXECI165

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT FOR CLEANLINESS AND INTEGRITY ALL SUPPLY AND EXHAUST VENTILATION SYSTEMS IN MACHINERY SPACES AND ACCOMPLISH A VOLUMETRIC OUTPUT TEST. INSPECTION TO INCLUDE DUCTWORK, FLEXIBLE CONNECTORS, RESILIENT MOUNTS, VENT SCREENS AND DRAINS. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** D-51311-4 / SHIPALT MCM1-0223D ACCOMP

**MJC:** EXSAD172

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | NAVSEA AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-223D "DESMOKE AMR/MMR SPACES" WHICH MODIFIES THE VENTILATION SYSTEM IN VARIOUS LOCATIONS IN ORDER TO PREVENT HALON GAS FROM ESCAPING THE MAIN MACHINERY SPACE AND THE AUXILIARY MACHINERY SPACE DURING HALON FIRE SUPPRESSION. |

**Task/Abbreviation:** A-51311-14 / AER MCM1-0714E - ACCOMP

**MJC:** EXTYA569

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 17,128

**ManDays:** 12

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00714, VENT AIR LIFT MODS, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00714 WHICH MODIFIES THE NATURAL AIR SUPPLY INTAKES SERVING THE MMR AND AMR AS SPECIFIED BY THE AER. ANY EXISTING COVERS WILL BE REMOVED. |

**Task/Abbreviation:** A-51311-16 / AER MCM1-0835E - ACCOMP

**MJC:** EXTYA644

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 20,316

**ManDays:** 12

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00835, MMR/AMR VENT DIFFUSER MODS, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00835 WHICH REPLACES "DEFUSE-A-JET" TERMINALS WITH ADJUSTABLE BLAST TERMINALS IN THE AMR AND MMR. |

**Task/Abbreviation:** I-51411-1 / CHW CLG SYS - INSP

**MJC:** EXECI166

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND OPERATIONALLY TEST THE CHILLED WATER COOLING DISTRIBUTION SYSTEM. ACCOMPLISH AN ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. TEST, ADJUST AND SET THE OPERATION OF ALL CONTROLS, INCLUDING SOLENOIDS, CUT-OUT SWITCHES AND THERMOSTATS. ACCOMPLISH MINOR REPAIRS TO CONTROLS, PIPING AND VALVES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. SHIP'S FORCE WILL PROVIDE REQUIRED REFRIGERANT AND SPARES. NOTES: 1. TO INCLUDE VISUAL INSPECTION OF RESILIENT MOUNTS ON CHILLED WATER PUMPS, IF INSTALLED.

**Task/Abbreviation:** Q-51411-4 / CHW PMP - RPR

**MJC:** EXECQ502

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE PUMP UNIT (CLOSE-COUPLED) TO THE SHOP. OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. K. CONDUCT A VIBRATION TEST. L. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** Q-51411-5 / CHW PMP MOT - RPR

**MJC:** EXECQ503

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Intermediate

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH REPAIRS TO THE CHILL WATER PUMP ELECTRIC MOTOR PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP, AND ACCOMPLISH ONE OF THE FOLLOWING: A. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** A-51411-26 / AER MCM1-0738E - ACCOMP

**MJC:** EXTYA571

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 1,097

**ManDays:** 4

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00738, FAN COIL COND PPG EXTEND, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00738 WHICH INSTALLS A CONDENSATE DRAIN TRAP TO THE EXISTING DRAIN PIPING FROM FAN COIL ASSEMBLY R2-23-2. |

**Task/Abbreviation:** J-51411-36 / CHW PMP MOT-RWND

**MJC:** EXECJC96

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REWIND THE ELECTRIC MOTOR OF THE CHILLED WATER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51411-37 / CHW PMP MOT-RPR

**MJC:** EXECJC97

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | RECONDITION THE ELECTRIC MOTOR OF THE CHILLED WATER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC. |

**Task/Abbreviation:** J-51411-38 / CHW PMP MOT BRG-REPL

**MJC:** EXECJC98

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | DISASSEMBLE THE ELECTRIC MOTOR OF THE SHIP SERVICE GAS TURBINE GENERATOR SEA WATER PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-51411-40 / CHW PMP WEAR RINGS-REPL

**MJC:** EXECJM46

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE PUMP SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-51411-41 / CHW PMP RT ASSY - RPR

**MJC:** EXECJM47

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE PUMP SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-51411-42 / CHW PMP MECH SEAL - REPL

**MJC:** EXECJM48

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE, IN-PLACE, THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51411-43 / CHW PMP WEAR RINGS-REPL

**MJC:** EXECJM49

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-51411-44 / CHW PMP RT ASSY - RPR

**MJC:** EXECJM50

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** D-51420-24 / SHIPALT MCM1-0014D ACCOMP

**MJC:** EXSAD563

**Rev Date:** 03/04/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 10,581

**ManDays:** 75

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | SHIPALT MCM1-00014D, A/C PLANT SAFETY RELIEF SYSTEM, NOT ACCOMPLISHED | ACCOMPLISH SHIPALT MCM1-00014D WHICH INSTALLS A REFRIGERANT SAFETY RELIEF SYSTEM ON BOTH 35-TON, CHILLED WATER AC PLANTS. RELIEF SYSTEM CONSISTS OF A RELIEF VALVE, SNIFFER VALVE, AND RUPTURE DISK. |

**Task/Abbreviation:** I-51421-1 / A/C PLT - INSP

**MJC:** EXECI168

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 135

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT, TEST AND CHECK THE OPERATION OF THE AIR CONDITIONING PLANT. TEST, ADJUST AND SET THE OPERATION OF ALL CONTROLS, INCLUDING COMPRESSOR SOLENOIDS, CUT- OUT SWITCHES AND THERMOSTATS. ACCOMPLISH MINOR REPAIRS TO CONTROLS, PIPING AND VALVES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. SHIP'S FORCE WILL OPERATE EQUIPMENT IN SUPPORT OF TESTING AND PROVIDE REQUIRED REFRIGERANT AND SPARES. NOTE: USE SWT 514-21 FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** Q-51421-3 / A/C PLT COMPR - RPR

**MJC:** EXECQC50

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,250

**ManDays:** 50

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE COMPRESSOR (RECIPROCATING) OF THE AIR CONDITIONING PLANT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING REPAIRS. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS DIMENSIONS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF GEARS, IMPELLERS AND SHAFTS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, O-RINGS, ROLL RING SEALS AND SNAP RINGS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ALIGN ELECTRIC MOTOR TO COMPRESSOR. ADJUST CONTROLS AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RESURFACE AND GRIND SHAFT JOURNALS. B. REPAIR OR REPLACE DIFFUSER PLATE, GEARS, IMPELLERS, NOZZLE PLATE, PUMP ASSEMBLY (LUBE OIL), ROTOR SCROLL AND SUPPORT, SHAFTS, SHAFT SEALS, THRUST COLLAR, VANE ASSEMBLY (PRE-ROTATION) AND UNLOADER ASSEMBLY. C. REPLACE COUPLING. D. REPAIR HEAT EXCHANGERS. NOTE: USE SWT 514-21 FOR GUIDANCE.

**Task/Abbreviation:** Q-51421-4 / A/C COMPR MOT - RPR

**MJC:** EXECQC98

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH REPAIRS TO THE ELECTRIC MOTOR OF THE AIR CONDITIONING PLANT COMPRESSOR PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP, AND ACCOMPLISH ONE OF THE FOLLOWING: A. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** Q-51421-7 / A/C COND - INSP/RPR

**MJC:** EXECQD87

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH THE FOLLOWING REPAIRS TO THE CONDENSER OF THE AIR CONDITIONING PLANT PER CONDITION ASSESSMENT RECOMMENDATIONS & AS DESIGNATED. HYDRO SHELL & TUBE SIDES & REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECT. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM FOLLOWING, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS & REPLACE MISSING/UNSERVICEABLE FASTENERS. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. A. REROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. ACCOMPLISH STRUCTURAL REPAIRS TO SHELL. I. ACCOMPLISH STRUCTURAL REPAIRS TO HEADS. J. REPLACE HEADS. K. CHEMICALLY CLEAN CONDENSER. L. MECHANICALLY CLEAN CONDERNSER. M. REPLACE TUBE BUNDLE

**Task/Abbreviation:** Q-51421-8 / A/C CHILLER - INSP/RPR

**MJC:** EXECQD95

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH THE FOLLOWING RPRS TO THE CHILLER OF THE A/C PLANT PER CONDITION ASSESSMENT RECOMMENDATIONS. HYDRO SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF RPRS, AS AUTHORIZED FROM FOLLOWING, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS & REPL MISSING OR DAMAGED FASTENERS. ACCOMPLISH A SAT OP TEST. A. REROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPL DESIGNATED TUBES. E. REPL ZINCS. F. RECOAT/RPR TUBE SHEETS. G. REMOVE CHILLER TO SHOP FOR RPRS. H. REPL TUBE SHEETS. I. RPR TUBE SUPPORT PLATES. J. ACCOMPLISH STRUCTURAL RPRS TO SHELL. K. ACCOMPLISH STRUCTURAL RPRS TO HEADS. L. REPL HEADS. NOTE: USE SWT TEMPLATE 514-20 FOR GUIDANCE

**Task/Abbreviation:** J-51421-27 / A/C COND - PLUG TB

**MJC:** EXECJ167

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51421-28 / A/C COND - RPR HEADS

**MJC:** EXECJ175

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR HEADS. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51421-29 / A/C COND - RPR SHELL

**MJC:** EXECJ183

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR SHELL. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51421-30 / A/C COND - REPL TB

**MJC:** EXECJ191

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51421-31 / A/C COND - REPL ZINCS

**MJC:** EXECJ199

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51421-32 / A/C COND - REROLL TB

**MJC:** EXECJ207

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51421-33 / A/C COND - RPR TB SH

**MJC:** EXECJ215

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51421-34 / A/C COND-REPL TB BUNDLE

**MJC:** EXECJ223

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51421-35 / A/C COND-RPR SPRT PLATES

**MJC:** EXECJ231

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51421-40 / A/C COMPR MOT-RPR

**MJC:** EXECJE36

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

RECONDITION THE ELECTRIC MOTOR OF THE AIR CONDITIONING PLANT COMPRESSOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-51421-44 / A/C PLT COMPR - RPR

**MJC:** EXECJF68

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,250

**ManDays:** 50

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE COMPRESSOR (RECIPROCATING) OF THE AIR CONDITIONING PLANT TO THE EXTENT NECESSARY TO ACCOMPLISH REPAIRS TO THE HEAT EXCHANGER. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, O-RINGS, ROLL RING SEALS AND SNAP RINGS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51421-45 / A/C PLT COMPR - RPR

**MJC:** EXECJF69

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,250

**ManDays:** 50

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE COMPRESSOR (RECIPROCATING) OF THE AIR CONDITIONING PLANT TO THE EXTENT NECESSARY TO REMOVE AND REPLACE SHAFT SEALS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, O-RINGS, ROLL RING SEALS AND SNAP RINGS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** I-51422-1 / A/C PLT - INSP

**MJC:** EXECI169

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 135

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT, TEST AND CHECK THE OPERATION OF THE AIR CONDITIONING PLANT. TEST, ADJUST AND SET THE OPERATION OF ALL CONTROLS, INCLUDING COMPRESSOR SOLENOIDS, CUT- OUT SWITCHES AND THERMOSTATS. ACCOMPLISH MINOR REPAIRS TO CONTROLS, PIPING AND VALVES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. SHIP'S FORCE WILL OPERATE EQUIPMENT IN SUPPORT OF TESTING AND PROVIDE REQUIRED REFRIGERANT AND SPARES. NOTE: USE SWT 514-21 FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** Q-51422-3 / A/C PLT COMPR - RPR

**MJC:** EXECQC51

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,250

**ManDays:** 50

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE COMPRESSOR (RECIPROCATING) OF THE AIR CONDITIONING PLANT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING REPAIRS. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS DIMENSIONS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF GEARS, IMPELLERS AND SHAFTS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, O-RINGS, ROLL RING SEALS AND SNAP RINGS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ALIGN ELECTRIC MOTOR TO COMPRESSOR. ADJUST CONTROLS AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RESURFACE AND GRIND SHAFT JOURNALS. B. REPAIR OR REPLACE DIFFUSER PLATE, GEARS, IMPELLERS, NOZZLE PLATE, PUMP ASSEMBLY (LUBE OIL), ROTOR SCROLL AND SUPPORT, SHAFTS, SHAFT SEALS, THRUST COLLAR, VANE ASSEMBLY (PRE-ROTATION) AND UNLOADER ASSEMBLY. C. REPLACE COUPLING. D. REPAIR HEAT EXCHANGERS. NOTE: USE SWT 514-21 FOR GUIDANCE.

**Task/Abbreviation:** Q-51422-4 / A/C COMPR MOT - RPR

**MJC:** EXECQC99

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH REPAIRS TO THE ELECTRIC MOTOR OF THE AIR CONDITIONING PLANT COMPRESSOR PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP, AND ACCOMPLISH ONE OF THE FOLLOWING: A. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** Q-51422-7 / A/C COND - INSP/RPR

**MJC:** EXECQD88

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH THE FOLLOWING REPAIRS TO THE CONDENSER OF THE AIR CONDITIONING PLANT PER CONDITION ASSESSMENT RECOMMENDATIONS & AS DESIGNATED. HYDRO SHELL & TUBE SIDES & REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECT. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM FOLLOWING, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS & REPLACE MISSING/UNSERVICEABLE FASTENERS. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. A. REROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. ACCOMPLISH STRUCTURAL REPAIRS TO SHELL. I. ACCOMPLISH STRUCTURAL REPAIRS TO HEADS. J. REPLACE HEADS. K. CHEMICALLY CLEAN CONDENSER. L. MECHANICALLY CLEAN CONDERNSER. M. REPLACE TUBE BUNDLE

**Task/Abbreviation:** Q-51422-8 / A/C CHILLER - INSP/RPR

**MJC:** EXECQD96

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH THE FOLLOWING RPRS TO THE CHILLER OF THE A/C PLANT PER CONDITION ASSESSMENT RECOMMENDATIONS. HYDRO SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF RPRS, AS AUTHORIZED FROM FOLLOWING, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS & REPL MISSING OR DAMAGED FASTENERS. ACCOMPLISH A SAT OP TEST. A. REROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPL DESIGNATED TUBES. E. REPL ZINCS. F. RECOAT/RPR TUBE SHEETS. G. REMOVE CHILLER TO SHOP FOR RPRS. H. REPL TUBE SHEETS. I. RPR TUBE SUPPORT PLATES. J. ACCOMPLISH STRUCTURAL RPRS TO SHELL. K. ACCOMPLISH STRUCTURAL RPRS TO HEADS. L. REPL HEADS. NOTE: USE SWT TEMPLATE 514-20 FOR GUIDANCE

**Task/Abbreviation:** J-51422-19 / A/C COND - PLUG TB

**MJC:** EXECJ168

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51422-20 / A/C COND - RPR HEADS

**MJC:** EXECJ176

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR HEADS. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51422-21 / A/C COND - RPR SHELL

**MJC:** EXECJ184

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR SHELL. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51422-22 / A/C COND - REPL TB

**MJC:** EXECJ192

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51422-23 / A/C COND - REPL ZINCS

**MJC:** EXECJ200

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51422-24 / A/C COND - REROLL TB

**MJC:** EXECJ208

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51422-25 / A/C COND - RPR TB SH

**MJC:** EXECJ216

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51422-26 / A/C COND-REPL TB BUNDLE

**MJC:** EXECJ224

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51422-27 / A/C COND-RPR SPRT PLATES

**MJC:** EXECJ232

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51422-32 / A/C COMPR MOT-RPR

**MJC:** EXECJE37

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

RECONDITION THE ELECTRIC MOTOR OF THE AIR CONDITIONING PLANT COMPRESSOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-51422-36 / A/C PLT COMPR - RPR

**MJC:** EXECJF84

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,250

**ManDays:** 50

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE COMPRESSOR (RECIPROCATING) OF THE AIR CONDITIONING PLANT TO THE EXTENT NECESSARY TO ACCOMPLISH REPAIRS TO THE HEAT EXCHANGER. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, O-RINGS, ROLL RING SEALS AND SNAP RINGS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51422-37 / A/C PLT COMPR - RPR

**MJC:** EXECJF85

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,250

**ManDays:** 50

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE COMPRESSOR (RECIPROCATING) OF THE AIR CONDITIONING PLANT TO THE EXTENT NECESSARY TO REMOVE AND REPLACE SHAFT SEALS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, O-RINGS, ROLL RING SEALS AND SNAP RINGS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** I-51611-1 / SS REFR SYS - INSP

**MJC:** EXECI177

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT, TEST AND CHECK THE OPERATION OF THE SHIP SERVICE REFRIGERATION SYSTEM. TEST, ADJUST AND SET THE OPERATION OF ALL CONTROLS, INCLUDING COMPRESSOR SOLENOIDS, CUT-OUT SWITCHES AND THERMOSTATS. ACCOMPLISH MINOR REPAIRS TO CONTROLS, PIPING AND VALVES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. SHIP'S FORCE WILL OPERATE EQUIPMENT IN SUPPORT OF TESTING AND PROVIDE REQUIRED REFRIGERANT AND SPARES.

**Task/Abbreviation:** Q-51611-2 / SS REFR MOT - RPR

**MJC:** EXECQ512

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH REPAIRS TO THE REFRIGERATION COMPRESSOR ELECTRIC MOTOR PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP, AND ACCOMPLISH ONE OF THE FOLLOWING: A. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** Q-51611-3 / SS REFR COMPR - RPR

**MJC:** EXECQC82

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,250

**ManDays:** 50

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE COMPRESSOR (RECIPROCATING) OF THE SHIP SERVICE REFRIGERATION PLANT TO THE EXTENT NECESSARY TO ACCOMPLISH REPAIRS. MEASURE AND RECORD AS-FOUND AND POST-REPAIR DIMENSIONS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF CONNECTING RODS, CRANKSHAFT AND PISTON ASSEMBLIES. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW GASKETS AND SEALS. REPLACE MISSING OR DAMAGED FASTENERS. ALIGN MOTOR TO COMPRESSOR. ADJUST CONTROLS AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RESURFACE AND GRIND CRANKSHAFT JOURNALS. B. REPLACE CRANKSHAFT, CRANKSHAFT BEARINGS, CRANKPIN BEARING INSERTS, AND PISTON RING SETS. C. REPLACE OR REBUSH WRIST PINS. D. RESURFACE VALVE PLATES AND REPLACE VALVE STRIPS. E. HONE CYLINDERS. F. REPAIR UNLOADER ASSEMBLY. G. REPAIR LUBE OIL PUMP ASSEMBLY. NOTE: USE SWT 516-02 FOR GUIDANCE.

**Task/Abbreviation:** Q-51611-4 / SS REFR COND - RPR

**MJC:** EXECQE04 **Rev Date:** 11/08/2002

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 1 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 900 **ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH THE FOLLOWING REPAIRS TO THE CONDENSER OF THE REFRIGERATION PLANT PER CONDITION ASSESSMENT RECOMMENDATIONS & AS DESIGNATED. HYDRO SHELL & TUBE SIDES & REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECT. REPORT CONDITIONS FOUND TO NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM FOLLOWING, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS & REPLACE MISSING/UNSERVICEABLE FASTENERS. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. A. REROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REMOVE CONDENSER TO SHOP FOR REPAIRS. H. REPLACE TUBE SHEETS. I. REPAIR TUBE SUPPORT PLATES. J. ACCOMPLISH STRUCTURAL REPAIRS TO SHELL. K. ACCOMPLISH STRUCTURAL REPAIRS TO HEADS. L. REPLACE HEADS.

**Task/Abbreviation:** D-51611-9 / SHIPALT MCM1-0166D ACCOMP

**MJC:** EXSAD168

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 137

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-166D "IMPROVED REFRIGERATION SYSTEM VALVES". PURPOSE: TO IMPROVE OPERATIONAL RELIABILITY OF SHIPS SERVICE REFRIGERATION SYSTEM BY REPLACING EXISTING PACKLESS GLOBE VALVES WITH REFRIGERANT RATED PACKLESS BALL VALVES. |

**Task/Abbreviation:** Q-51611-12 / SS REFR PLT - RPR AND TST

**MJC:** EXECQK20

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,250

**ManDays:** 50

**Referenced Authority:**

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

TEST AND REPAIR THE SHIPS SERVICE REFRIGERATION PLANT PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM FOLLOWING, ACCOMPLISH SATISFACTORY OPERATIONAL TEST. A. REMOVE AND STORE REFRIGERANT. B. REMOVE LAGGING AND INSULATION AND REPLACE WITH NEW ON COMPLETION OF REPAIRS. C. REMOVE, REPAIR & INSTALL SALT WATER REGULATING VALVES. D. PRESSURE TEST CONDENSER AND PIPING. REPAIR SYSTEM LEAKS. REROLL LEAKING CONDENSER TUBES. E. DISASSEMBLE COMPRESSOR. CLEAN AND INSPECT PARTS FOR WEAR AND DEFECTS. ASSEMBLE COMPRESSOR USING NEW PARTS FOR THOSE FOUND DEFECTIVE. F. REPAIR OR REPLACE WITH NEW THERMOMETERS AND GAGES. NOTE: USE SWWG TEMPLATES 516-01 AND 516-11 FOR GUIDANCE.

**Task/Abbreviation:** D-51611-14 / SHIPALT MCM1-0126D ACCOMP

**MJC:** EXSAD564

**Rev Date:** 03/04/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 16,850

**ManDays:** 11

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | SHIPALT MCM1-00126D, REFRIGERANT PRESS RELIEF SYS, NOT ACCOMPLISHED | ACCOMPLISH SHIPALT MCM1-00126D WHICH INSTALLS A PRESSURE RELIEF SYSTEM ON THE SHIP STORES REFRIGERANT PLANT. |

**Task/Abbreviation:** J-51611-20 / SS REFR COND - PLUG TB

**MJC:** EXECJ570

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51611-21 / SS REFR COND - RPR HEADS

**MJC:** EXECJ571

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR HEADS. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51611-22 / SS REFR COND - RPR SHELL

**MJC:** EXECJ572

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR SHELL. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51611-23 / SS REFR COND - REPL TB

**MJC:** EXECJ573

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51611-24 / SS REFR COND - REPL ZINCS

**MJC:** EXECJ574

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51611-25 / SS REFR COND - REROLL TB

**MJC:** EXECJ575

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51611-26 / SS REFR COND - RPR TB SH

**MJC:** EXECJ576

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51611-27 / SS REFR COND-REPL TB BUNDLE

**MJC:** EXECJ577

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51611-28 / SS REFR COND-RPR SPRT PLATES

**MJC:** EXECJ578

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51611-29 / SS REFR COMPR MOT-RWND

**MJC:** EXECJB01

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REWIND THE REFRIGERATION COMPRESSOR ELECTRIC MOTOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51611-30 / SS REFR COMPR MOT-RPR

**MJC:** EXECJB02

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

RECONDITION THE REFRIGERATION COMPRESSOR ELECTRIC MOTOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-51611-31 / SS REFR COMPR MOT BRG-REPL

**MJC:** EXECJB03

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE REFRIGERATION COMPRESSOR ELECTRIC MOTOR. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-51611-32 / SS REFR COMPR (ALIGN) - RPR

**MJC:** EXECJF70

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,250

**ManDays:** 50

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE COMPRESSOR (RECIPROCATING) OF THE SHIP SERVICE REFRIGERATION PLANT TO THE EXTENT NECESSARY TO ACCOMPLISH ALIGNMENT. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 516-02 FOR GUIDANCE.

**Task/Abbreviation:** J-51611-33 / SS REFR COMPR (VLV PLT) - RPR

**MJC:** EXECJF71

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,250

**ManDays:** 50

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE COMPRESSOR (RECIPROCATING) OF THE SHIP SERVICE REFRIGERATION PLANT TO THE EXTENT NECESSARY TO RESURFACE VALVE PLATES AND REPLACE VALVE STRIPS. REASSEMBLE AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 516-02 FOR GUIDANCE.

**Task/Abbreviation:** J-51611-34 / SS REFR COMPR (UNLOADER) - RPR

**MJC:** EXECJF72

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,250

**ManDays:** 50

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE COMPRESSOR (RECIPROCATING) OF THE SHIP SERVICE REFRIGERATION PLANT TO THE EXTENT NECESSARY TO REPAIR THE UNLOADER ASSEMBLY. REASSEMBLE AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 516-02 FOR GUIDANCE.

**Task/Abbreviation:** J-51611-35 / SS REFR COMPR (LO PMP) - RPR

**MJC:** EXECJF73

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,250

**ManDays:** 50

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE COMPRESSOR (RECIPROCATING) OF THE SHIP SERVICE REFRIGERATION PLANT TO THE EXTENT NECESSARY TO REPAIR THE LUBE OIL PUMP ASSEMBLY. REASSEMBLE AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 516-02 FOR GUIDANCE.

**Task/Abbreviation:** J-51611-36 / SS REFR COMPR (LO PMP) - REPL

**MJC:** EXECJF74

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,250

**ManDays:** 50

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE COMPRESSOR (RECIPROCATING) OF THE SHIP SERVICE REFRIGERATION PLANT TO THE EXTENT NECESSARY TO REMOVE AND REPLACE WITH NEW, THE LUBE OIL PUMP ASSEMBLY. REASSEMBLE AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 516-02 FOR GUIDANCE.

**Task/Abbreviation:** Q-52011-4 / SEA VLV ACTR SHOP - INSP/RPR

**MJC:** EXECQ516

**Rev Date:** 04/22/1998

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | OP TEST VALVE ACTUATORS IN-PLACE PRIOR TO REMOVAL FOR (IN SHOP) REPAIRS. REPORT CONDITIONS FOUND TO NSA. UPON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE USING NEW GASKETS, SEALS AND REPLACE UNSERVICEABLE FASTENERS. CONNECT VALVE ACTUATORS TO CORRESPONDING VALVES AND SET VALVE TRAVEL LIMITS AND INDICATORS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST: MECHANICAL A. DISASSEMBLE MECH OPERATOR ASSY FOR INSP. REPORT CONDITIONS FOUND TO NSA. REPAIR AS AUTHORIZED. REASSEMBLE OPERATOR ASSY, LUBRICATE & ADJUST. HYDRAULIC B. ACCOMP SHOP OP TEST OF VALVE OPERATOR ASSY. DISASSEMBLE OPERATOR FOR INSP OF COMPONENTS. REPORT CONDITIONS FOUND TO NSA. REPAIR AS AUTHORIZED. REASSEMBLE OPERATOR ASSY AND HYDRO AS REQUIRED. ELECTRICAL C. DISASSEMBLE, CLN, INSP & TEST ELECTRICAL & MECH COMPONENTS. REPORT CONDITIONS FOUND TO NSA. REPAIR AS AUTHORIZED. REASSEMBLE OPERATOR ASSY. PNEUMATIC D. DISASSEMBLE PNEUMATIC OPERATOR ASSY FOR INSP. REPORT CONDITIONS FOUND TO NSA. REPAIR AS AUTHORIZED. REASSEMBLE OPERATOR ASSY. |

**Task/Abbreviation:** I-52011-5 / SEA VLVS - ASSESS (SPAM)

**MJC:** EXECI120

**Rev Date:** 04/22/1998

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

COMNAVSURFLANT PROACTIVE MAINTENANCE

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH SEA VALVE ASSESSMENT PER MRC 52011R. REPORT CONDITIONS FOUND TO SHIP'S CSMP. NOTES: 1. ACCOMPLISH DURING EACH SEAMAT II VISIT. 2. ACCOMPLISH 9-12 MONTHS PRIOR TO DEPOT AVAILABILITY IF SEAMAT II NOT SCHEDULED.

**Task/Abbreviation:** Q-52011-7 / GATE SEA VLVS- RPR/REPL (SPAM) **MJC:** EXECQ122 **Rev Date:** 11/17/2003

**Std Template:** **Sit Reqs:** D/D **Priority:** Highly Desirable **Qty:** X **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** X **Matl Cost:** 225 **ManDays:** 5

**Referenced Authority:**

CNSL PROACTIVE MAINTENANCE NSTM CH-505, PARA. 505-9.19.3

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPAIR THE DESIGNATED GATE SEA VALVES IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD 009-47. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, REASSEMBLE VALVES USING NEW GASKETS, PACKING AND REPLACE MISSING OR UNSERVICEABLE FASTENERS. HYDROSTATICALLY TEST VALVES AND PROVE SEAT TIGHTNESS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: 1. REPLACE VALVES 6 INCHES AND SMALLER. 2. INCLUDE RODMETER SEA VALVE. 3. USE SWT 520-01 FOR GUIDANCE. |

**Task/Abbreviation:** Q-52011-8 / GLOBE SEA VLVS-RPR/REPL (SPAM) **MJC:** EXECQ123 **Rev Date:** 11/17/2003

**Std Template:** **Sit Reqs:** D/D **Priority:** Highly Desirable **Qty:** X **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** X **Matl Cost:** 225 **ManDays:** 5

**Referenced Authority:**

CNSL PROACTIVE MAINTENANCE NSTM CH-505, PARA. 505-9.19.3

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPAIR THE DESIGNATED GLOBE SEA VALVES IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD 009-51. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, REASSEMBLE VALVES USING NEW GASKETS, PACKING AND REPLACE MISSING OR UNSERVICEABLE FASTENERS. HYDROSTATICALLY TEST VALVES AND PROVE SEAT TIGHTNESS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: 1. REPLACE VALVES 4 INCHES OR SMALLER. 2. USE SWT 520-01 FOR GUIDANCE. |

**Task/Abbreviation:** M-52011-15 / (M)CRIT GATE SEA VLVS - RPR

**MJC:** EXECMJ24

**Rev Date:** 11/14/2003

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Mandatory

**Qty:** X

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 1,500

**ManDays:** 5

**Referenced Authority:**

SURFLANT PROACTIVE MAINTENANCE NSTM CH-505, PARA. 505-9.19.3

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | NSTM REQUIREMENT DUE | REMOVE DESIG CRITICAL GATE SEA VALVE TO SHOP. DISASSEMBLE, CLEAN AND INSPECT EACH PART FOR WEAR OR DEFECTS. MEASURE AND RECORD SIZES AND CLEARANCES. SUBMIT A REPORT OF CONDITIONS FOUND TO THE SHIP'S CSMP. POLISH AND STRAIGHTEN STEM. MACHINE, GRIND, OR LAP AND SPOT-IN GATE TO SEATS TO OBTAIN A 360-DEGREE CONTINUOUS CONTACT. REASSEMBLE VALVE USING NEW GASKETS, PACKING & FASTENERS. INSTALL VALVE USING NEW GASKETS, PACKING & FASTENERS. ADJUST AND ALIGN PIPING TO VALVE. OP TEST VALVE PRIOR TO FLOODING THE DOCK. VISUALLY INSPECT VALVE WHILE FLOODING THE DOCK. ALLOWABLE LEAKAGE AT STEMS AND NEW OR DISTURBED JOINTS: NONE. INSTALL NEW CRES I.D. PLATE. SUBMIT REPORT LISTING VALVE I.D., SIZE, TYPE & LOCATION. NOTE: 1. REPLACE VALVE IF VALVE SIZE IS LESS THAN OR EQUAL TO 6 INCHES IPS. 2. USE SWT TEMPLATE 520-01 FOR GUIDANCE. |

**Task/Abbreviation:** Q-52011-17 / BALL SEA VLVS- RPR/REPL (SPAM)

**MJC:** EXECQK74

**Rev Date:** 09/18/2002

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 750

**ManDays:** 5

**Referenced Authority:**

COMNAVSURFLANT PROACTIVE MAINTENANCE

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE DESIGNATED BALL SEA VALVES IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD 009-96. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, REASSEMBLE VALVES USING NEW GASKETS, SEALS, PACKING, REPLACE MISSING OR UNSERVICEABLE FASTENERS AND LUBRICATE. HYDROSTATICALLY TEST VALVES AND PROVE SEAT TIGHTNESS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: 1. REPLACE VALVES 4 INCHES OR SMALLER. 2. USE SWT 520-01 FOR GUIDANCE.

**Task/Abbreviation:** Q-52011-18 / SCUP SEA VLVS- RPR/REPL (SPAM) **MJC:** EXECQK75 **Rev Date:** 09/18/2002

**Std Template:** **Sit Reqs:** D/D **Priority:** Highly Desirable **Qty:** X **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** X **Matl Cost:** 500 **ManDays:** 4

**Referenced Authority:**

COMNAVSURFLANT PROACTIVE MAINTENANCE

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPAIR THE DESIGNATED SCUPPER SEA VALVES PER CONDITION ASSESSMENT RECOMMENDATIONS. DISASSEMBLY, CLEAN, INSPECT COMPONENTS AND BLUE CHECK SEAT CONTACT. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE VALVES USING NEW GASKETS, PACKING AND REPLACE MISSING OR UNSERVICEABLE FASTENERS. A. CHASE AND TAP EXPOSED THREADED AREAS. B. MACHINE, GRIND, OR LAP AND SPOT-IN FLAP TO SEAT TO OBTAIN 360 DEGREE CONTACT. C. DRESS AND TRUEUP GASKET MATING SURFACES. D. REPLACE FLAP. HYDROSTATICALLY TEST VALVES AND PROVE SEAT TIGHTNESS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: 1. REPLACE VALVES 4 INCHES OR SMALLER. 2. USE SWT 520-01 FOR GUIDANCE. |

**Task/Abbreviation:** Q-52011-19 / CHK SEA VLVS - RPR/REPL (SPAM) **MJC:** EXECQK88 **Rev Date:** 10/16/2002

**Std Template:** **Sit Reqs:** D/D **Priority:** Highly Desirable **Qty:** X **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** X **Matl Cost:** 750 **ManDays:** 5

**Referenced Authority:**

COMNAVSURFLANT PROACTIVE MAINTENANCE

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPAIR THE DESIGNATED CHECK SEA VALVES IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD 009-50 (SWING CHECK) OR 009-51 (GLOBE CHECK). REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, REASSEMBLE VALVES USING NEW GASKETS, SEALS, PACKING, REPLACE MISSING OR UNSERVICEABLE FASTENERS AND LUBRICATE. HYDROSTATICALLY TEST VALVES AND PROVE SEAT TIGHTNESS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: 1. REPLACE VALVES 4 INCHES OR SMALLER. 2. USE SWT 520-01 FOR GUIDANCE. |

**Task/Abbreviation:** J-52011-24 / SEA STM VLV MECH ACTR SHOP- RP

**MJC:** EXECJ132

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

OPERATIONALLY TEST THE VALVE MECHANICAL ACTUATORS INPLACE PRIOR TO REMOVAL FOR (IN SHOP) REPAIRS. REPORT CONDITIONS FOUND TO THE NSA. DISASSEMBLE MECHANICAL OPERATOR ASSEMBLY FOR INSPECTION OF COMPONENTS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR AS AUTHORIZED. REASSEMBLE OPERATOR ASSEMBLY USING NEW GASKETS, SEALS AND REPLACE MISSING OR UNSERVICEABLE FASTENERS, LUBRICATE AND ADJUST. CONNECT VALVE ACTUATORS TO CORRESPONDING VALVES AND SET VALVE TRAVEL LIMITS AND INDICATORS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-52011-25 / SEA STM VLV HYDR ACTR SHOP- RP

**MJC:** EXECJ133

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

OPERATIONALLY TEST THE VALVE HYDRAULIC ACTUATORS INPLACE PRIOR TO REMOVAL FOR (IN SHOP) REPAIRS. REPORT CONDITIONS FOUND TO THE NSA. ACCOMPLISH AN IN SHOP OPERATIONAL TEST OF THE HYDAULIC OPERATOR ASSEMBLY. DISASSEMBLE OPERATOR ASSEMBLY FOR INSPECTION OF COMPONENTS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR AS AUTHORIZED. REASSEMBLE HYDRAULIC OPERATOR ASSEMBLY USING NEW GASKETS, SEALS AND REPLACE MISSING OR UNSERVICEABLE FASTENERS. HYDRO TEST AS REQUIRED. CONNECT VALVE ACTUATORS TO CORRESPONDING VALVES AND SET VALVE TRAVEL LIMITS AND INDICATORS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-52011-26 / SEA STM VLV ELEC ACTR SHOP- RP

**MJC:** EXECJ134

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

OPERATIONALLY TEST THE VALVE ELECTRICAL ACTUATORS INPLACE PRIOR TO REMOVAL FOR (IN SHOP) REPAIRS. REPORT CONDITIONS FOUND TO THE NSA. DISASSEMBLE, CLEAN, INSPECT AND TEST ELECTRICAL AND MECHANICAL COMPONENTS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR AS AUTHORIZED. REASSEMBLE ELECTRICAL OPERATOR ASSEMBLY USING NEW GASKETS, SEALS AND REPLACE MISSING OR UNSERVICEABLE FASTENERS. CONNECT VALVE ACTUATORS TO CORRESPONDING VALVES AND SET VALVE TRAVEL LIMITS AND INDICATORS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-52011-27 / SEA STM VLV PNEU ACTR SHOP- RP

**MJC:** EXECJ135

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

OPERATIONALLY TEST THE VALVE PNEUMATIC ACTUATORS INPLACE PRIOR TO REMOVAL FOR (IN SHOP) REPAIRS. REPORT CONDITIONS FOUND TO THE NSA. DISASSEMBLE PNEUMATIC OPERATOR ASSEMBLY FOR INSPECTION OF COMPONENTS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR AS AUTHORIZED. REASSEMBLE OPERATOR ASSEMBLY USING NEW GASKETS, SEALS AND REPLACE MISSING OR UNSERVICEABLE FASTENERS. CONNECT VALVE ACTUATORS TO CORRESPONDING VALVES AND SET VALVE TRAVEL LIMITS AND INDICATORS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-52011-28 / SEA STM VLV MECH ACTR - REPL

**MJC:** EXECJ136

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE VALVE MECHANICAL ACTUATORS PER CONDITION ASSESSMENT RECOMMENDATIONS. CONNECT VALVE ACTUATORS TO CORRESPONDING VALVES AND SET VALVE TRAVEL LIMITS AND INDICATORS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-52011-29 / SEA STM VLV HYDR ACTR - REPL

**MJC:** EXECJ137

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE VALVE HYDRAULIC ACTUATORS PER CONDITION ASSESSMENT RECOMMENDATIONS. CONNECT VALVE ACTUATORS TO CORRESPONDING VALVES AND SET VALVE TRAVEL LIMITS AND INDICATORS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-52011-30 / SEA STM VLV ELEC ACTR - REPL

**MJC:** EXECJ138

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE VALVE ELECTRICAL ACTUATORS PER CONDITION ASSESSMENT RECOMMENDATIONS. CONNECT VALVE ACTUATORS TO CORRESPONDING VALVES AND SET VALVE TRAVEL LIMITS AND INDICATORS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-52011-31 / SEA STM VLV PNEU ACTR - REPL

**MJC:** EXECJ139

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE VALVE PNEUMATIC ACTUATORS PER CONDITION ASSESSMENT RECOMMENDATIONS. CONNECT VALVE ACTUATORS TO CORRESPONDING VALVES AND SET VALVE TRAVEL LIMITS AND INDICATORS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-52011-33 / GATE SEA VLVS - REPL

**MJC:** EXECJ161

**Rev Date:**

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE DESIGNATED GATE SEA VALVES PER CONDITION ASSESSMENT RECOMMENDATIONS. HYDROSTATICALLY TEST VALVES AND PROVE SEAT TIGHTNESS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-52011-34 / GLOBE SEA VLVS - REPL

**MJC:** EXECJ162

**Rev Date:**

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE DESIGNATED GLOBE SEA VALVES PER CONDITION ASSESSMENT RECOMMENDATIONS. HYDROSTATICALLY TEST VALVES AND PROVE SEAT TIGHTNESS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-52011-35 / BALL SEA VLVS - REPL

**MJC:** EXECJ163

**Rev Date:**

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 750

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE DESIGNATED BALL SEA VALVES PER CONDITION ASSESSMENT RECOMMENDATIONS. HYDROSTATICALLY TEST VALVES AND PROVE SEAT TIGHTNESS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-52011-36 / SCUPPER SEA VLVS - REPL

**MJC:** EXECJ164

**Rev Date:**

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 500

**ManDays:** 4

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE DESIGNATED SCUPPER SEA VALVES PER CONDITION ASSESSMENT RECOMMENDATIONS. HYDROSTATICALLY TEST VALVES AND PROVE SEAT TIGHTNESS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-52011-37 / CHK SEA VLVS - REPL

**MJC:** EXECJ165

**Rev Date:**

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 750

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE DESIGNATED CHECK SEA VALVES PER CONDITION ASSESSMENT RECOMMENDATIONS. HYDROSTATICALLY TEST VALVES AND PROVE SEAT TIGHTNESS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** I-52111-3 / FIREMAIN PP - UT

**MJC:** EXECI182

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 450

**ManDays:** 9

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ULTRASONICALLY-TEST THE FIREMAIN SYSTEM PIPING AS FOLLOWS: A. CLEAN PIPING TO BARE METAL AT AREAS TO BE TESTED. B. OBTAIN FOUR (4) READINGS AT EACH SELECTED AREA, NINETY DEGREES (90 DEGS) APART IN THE FOLLOWING AREAS: 1. AT ALL BENDS (PARTICULARLY THE OUTSIDE RADIUS). 2. AREAS ADJACENT TO HANGERS AND EXTERNAL CORROSION. 3. WHERE PIPE SIZE REDUCES C. PRESERVE DISTURBED PIPING AREAS D. REPORT CONDITIONS FOUND TO SHIP'S CSMP. NOTES: 1. ULTRASONIC TESTING NOT REQUIRED ON MONEL PIPING.

**Task/Abbreviation:** I-52121-1 / FIRE PMP UNIT - INSP

**MJC:** EXECI183

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE CENTRIFUGAL PUMP UNIT. REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE TEST. D. RESILIENT MOUNTS AS APPLICABLE. E. CONDUCT FLOW TEST. REPORT ANY NEW WORK REQUIRED ON A SEPARATE JOB.

**Task/Abbreviation:** Q-52121-5 / FIRE PMP (CC) SHOP - RPR

**MJC:** EXECQ525

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,980

**ManDays:** 44

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE PUMP UNIT (CLOSE-COUPLED) TO THE SHOP. OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. K. CONDUCT A VIBRATION TEST. L. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** Q-52121-9 / FIRE PMP MOT - RPR

**MJC:** EXECQ529

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,215

**ManDays:** 27

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH REPAIRS TO THE FIREMAIN PUMP ELECTRIC MOTOR PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP, AND ACCOMPLISH ONE OF THE FOLLOWING: A. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-52121-27 / FIRE PMP MOT-RWND

**MJC:** EXECJC39

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,215

**ManDays:** 27

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REWIND THE ELECTRIC MOTOR OF THE FIREMAIN PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-52121-28 / FIRE PMP MOT-RPR

**MJC:** EXECJC40

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,215

**ManDays:** 27

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

RECONDITION THE ELECTRIC MOTOR OF THE FIREMAIN PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-52121-29 / FIRE PMP MOT BRG-REPL

**MJC:** EXECJC41

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,215

**ManDays:** 27

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE ELECTRIC MOTOR OF THE FIREMAIN PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-52121-33 / FIRE PMP MECH SEAL - REPL

**MJC:** EXECJN07

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,980

**ManDays:** 44

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPLACE, IN-PLACE, THE PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST |

**Task/Abbreviation:** J-52121-39 / FIRE PMP MECH SEAL - REPL

**MJC:** EXECJN13

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,980

**ManDays:** 44

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPLACE, IN-PLACE, THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-52121-42 / FIRE PMP MECH SEAL - REPL

**MJC:** EXECJN16

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,980

**ManDays:** 44

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE, IN-PLACE, THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** I-52211-1 / MAG SPRS - INSP

**MJC:** EXECI185

**Rev Date:** 05/07/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** X

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT AND TEST CONTROLS, PIPING AND VALVES (INCLUDING HYDRAULIC-OPERATED) OF THE MAGAZINE SPRINKLER SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. |

**Task/Abbreviation:** D-52211-8 / SHIPALT MCM1-0138D ACCOMP

**MJC:** EXSAD162

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 30

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-138D "CPO BERTHING SPRINKLING MODIFICATIONS". PURPOSE: TO ACCOMMODATE INCREASED BERTHING CAPACITY BY ADDING A MISCELLANEOUS DRY SPRINKLING SYSTEM TO CPO BERTHING SPACE 1-33-1-L. |

**Task/Abbreviation:** Q-52211-10 / MAG SPRS - RPR

**MJC:** EXECQJ01

**Rev Date:** 05/07/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE DESIGNATED VALVES (INCLUDING HYDRAULIC-OPERATORS) OF THE MAGAZINE SPRINKLER PIPING SYSTEM TO SHOP AFTER OPERATIONAL IN-PLACE TESTING WITH CORRESPONDING ACTUATORS. DISASSEMBLE VALVES FOR CLEANING AND INSPECTION OF ALL COMPONENTS, INCLUDING SEATING SURFACES. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE VALVES USING NEW GASKETS AND SEALS, POLISH AND STRAIGHTEN STEM. REPLACE UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY SHOP-TEST. INSTALL VALVES IN ORIGINAL LOCATION AND ORIENTATION ABOARD SHIP USING NEW GASKETS AND REPLACING UNSERVICEABLE FASTENERS. INSTALL ACTUATORS, IF FITTED, AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST: A. REPLACE BOOT. B. REPLACE VALVE. NOTE: 1. VALVES SMALLER THAN 4-INCHES TO BE REPLACED. NOTE: ACCOMPLISH REQUIREMENTS OF NAVSEA STANDARD ITEM 009-71.

**Task/Abbreviation:** A-52410-1 / AER MCM1-60024E - ACCOMP

**MJC:** EXTYA022

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED ALTERATION | ACCOMPLISH SHIPALT MCM1-60024E "SEAWATER MIXING VALVE" WHICH ALLOWS FOR RECIRCULATION OF SEAWATER WHEN THE SHIP IS IN COLD WATER. |

**Task/Abbreviation:** I-52411-8 / AUX SW SYS PP - UT

**MJC:** EXECI271

**Rev Date:** 02/25/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 450

**ManDays:** 9

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ULTRASONICALLY TEST THE AUXILIARY SEA WATER COOLING PIPING IN MAIN ENGINE ROOMS AS FOLLOWS: A. CLEAN PIPING TO BARE METAL AT AREAS TO BE TESTED. B. OBTAIN FOUR (4) READINGS AT EACH SELECTION AREA, NINETY DEGREES (90 DEGREES) APART IN THE FOLLOWING AREAS: 1. AT ALL BENDS (PARTICULARLY THE OUTSIDE RADIUS) 2. AREAS ADJACENT TO HANGERS AND EXTERNAL CORROSION 3. WHERE PIPE SIZE REDUCES C. PRESERVE DISTURBED PIPING AREAS. D. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. NOTE: 1. ULTRASONIC TESTING NOT REQUIRED ON MONEL PIPING.

**Task/Abbreviation:** I-52411-17 / AUX SW SYS PP - HYDRST TST

**MJC:** EXECIJ12

**Rev Date:** 04/27/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST THE AUX SW SYSTEM PIPING PRIOR TO AN INDUSTRIAL AVAILABILITY. CLOSE AND SET BOUNDARY VALVES. REMOVE AND/OR ISOLATE COMPONENTS SUBJECT TO DAMAGE BY THE TEST PRESSURE. AS REQUIRED, REMOVE ORIFICE PLATES AND INSTALL JUMPERS IN PLACE OF REMOVED OR ISOLATED COMPONENTS. ACCOMPLISH HYDROSTATIC TEST AT ONE HUNDRED AND THIRTY FIVE PERCENT (135%) OF SYSTEM DESIGN PRESSURE AND HOLD DURING TIME REQUIRED TO VISUALLY INSPECT SYSTEM. NO VISIBLE EXTERNAL LEAKAGE ALLOWED. INSPECT FOR DETERIORATION AND LEAKS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. DRAIN AND PURGE PIPING. REMOVE BLANK FLANGES AND JUMPERS AND REINSTALL ORIFICE PLATES, AS APPLICABLE. LAY-UP SYSTEM USING APPROVED METHOD OR RESTORE TO SERVICE.

**Task/Abbreviation:** Q-52411-19 / AUX SW SYS PP - CLN

**MJC:** EXECQJ13

**Rev Date:** 04/27/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | ACID CLEAN AND FLUSH THE SEA WATER SYSTEM PIPING IN ACCORDANCE WITH NSTM CHAPTER 505. |

**Task/Abbreviation:** I-52421-1 / ASW PMP - INSP

**MJC:** EXECI186

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE SEA WATER COOLING CENTRIFUGAL PUMP. REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE TEST. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E. RESILIENT MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS SURVEY. G. CONDUCT FLOW TEST. REPORT ANY NEW WORK REQUIRED ON A SEPARATE JOB.

**Task/Abbreviation:** Q-52421-5 / ASW PMP SHOP - RPR

**MJC:** EXECQ539

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE PUMP UNIT (CLOSE-COUPLED) TO THE SHOP. OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. K. CONDUCT A VIBRATION TEST. L. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** Q-52421-9 / ASW PMP MOT - RPR

**MJC:** EXECQ543

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 405

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH REPAIRS TO THE AUXILIARY MACHINERY SEA WATER PUMP ELECTRIC MOTOR PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP, AND ACCOMPLISH ONE OF THE FOLLOWING: A. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-52421-10 / ASW PMP MOT-RWND

**MJC:** EXECJD95

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 405

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REWIND THE ELECTRIC MOTOR OF THE AUXILIARY MACHINERY SEA WATER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-52421-11 / ASW PMP MOT-RPR

**MJC:** EXECJD96

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 405

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

RECONDITION THE ELECTRIC MOTOR OF THE AUXILIARY MACHINERY SEA WATER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-52421-12 / ASW PMP MOT BRG-REPL

**MJC:** EXECJD97

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 405

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE ELECTRIC MOTOR OF THE DRAINAGE AND BALLASTING SYSTEM PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** D-52611-2 / SHIPALT MCM1-0158D ACCOMP

**MJC:** DXSAD033

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 60

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-158D "AFT DECK DRAIN AND SCUTTLE MODIFICATIONS". PURPOSE: TO IMPROVE DRAINAGE ON THE FANTAIL, MINIMIZE CORROSION PROBLEMS ASSOCIATED WITH STANDING WATER ON THE SCUTTLE 1-87-2 AND TO PREVENT FLOODING IN UCH ROOM 2-86-0-E. |

**Task/Abbreviation:** A-52711-1 / AER MCM1-0780E - ACCOMP

**MJC:** EXTYA577

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00780, CM WASHDOWN SYS LOW POINT DRAI, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00780 WHICH PLUG WELDS ALL DRAIN HOLES IN COUNTERMEASURES WASHDOWN PIPING SYSTEM AND INSTALLS LOW POINT DRAIN VALVES. |

**Task/Abbreviation:** D-53130-1 / SHIPALT MCM1-0127D ACCOMP

**MJC:** EXSAD161

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 10

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-127D "STERILIZER HEATER ELEM FAILURE". PURPOSE: TO INSTALL A PRESURE SWITCH IN THE DISTILATE PUMP DISCHARGE PIPING WHICH WILL SECURE THE STERILIZER HEATER UPON LOSS OF FLOW FROM THE DISTILLATE PUMP TO PREVENT THE OPERATION OF THE STERILIZER HEATER WHILE THE HEATER ELEMENTS ARE EXPOSED (NONSUBMERGED) RESULTING IN THE ELEMENT OVERHEATING AND FAILING. |

**Task/Abbreviation:** I-53131-1 / DSTLNG PLT HT RCVY - INSP

**MJC:** EXECI191

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND OPERATIONALLY-TEST THE HEAT RECOVERY TYPE DISTILLING PLANT. ACCOMPLISH AN ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. TEST, ADJUST AND SET THE OPERATION OF AUTOMATIC CONTROLS AND ALARMS. ACCOMPLISH MINOR REPAIRS TO ALARMS, CONTROLS AND VALVES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. INCLUDE: A. CONTROLLERS, INDICATORS AND INSTRUMENTATION. B. HEAT EXCHANGERS (CONDENSER, DISTILLATE COOLER, EVAPORATOR, DISTILLATE STERILIZER). C. PUMPS (DISTILLATE, EDUCTOR SUPPLY, FEED) AND CORRESPONDING MOTORS. D. VALVES (INCLUDING PRESSURE REDUCING AND SOLENOID). E. WATER TREATMENT EQUIPMENT (DEMINERALIZER/ HYPOCHLORINATOR/ION EXCHANGER/BROMINATOR).

**Task/Abbreviation:** Q-53131-2 / DSTLNG PLT HT RCVY - RPR

**MJC:** EXECQ599

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,800

**ManDays:** 40

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. ACCOMPLISH AUTHORIZED WELD REPAIRS TO EVAPORATOR SHELL AND TUBE SHEETS. B. RETUBE DESIGNATED INTERNAL STAGE HEAT EXCHANGERS. C. PLUG DESIGNATED HEAT EXCHANGER TUBES. D. REPACK HEAT EXCHANGER TUBE ENDS. E. REPLACE DEMISTERS. F. REPAIR/REPLACE BAFFLES. G. CHEMICALLY CLEAN INTERNALS H. MECHANICALLY CLEAN INTERNALS. I. REPLACE RUPTURED DISCS. J. REPLACE VIEW PORT GLASSES. K. REPLACE AIR EJECTOR NOZZLES. L. REPLACE SPRAY CAPS. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

**Task/Abbreviation:** Q-53131-3 / DSTLNG PLT HE - RPR

**MJC:** EXECQ600

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

**Task/Abbreviation:** Q-53131-4 / DSTLNG PLT DSTLT PMP SHOP-RPR **MJC:** EXECQ601 **Rev Date:**

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 2 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 990 **ManDays:** 22

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE PUMP UNIT (CLOSE-COUPLED) TO THE SHOP. OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. K. CONDUCT A VIBRATION TEST. L. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** Q-53131-5 / DSTLT PMP MOT SHOP - RPR

**MJC:** EXECQ602

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH REPAIRS TO THE DISTILLATE PUMP ELECTRIC MOTOR OF THE HEAT RECOVERY-TYPE DISTILLING PLANT PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP, AND ACCOMPLISH ONE OF THE FOLLOWING: A. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** Q-53131-6 / DSTLNG PLT EDUC SUPPLY PMP-RPR **MJC:** EXECQ603 **Rev Date:**

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 2 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 990 **ManDays:** 22

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REMOVE THE PUMP UNIT (CLOSE-COUPLED) TO THE SHOP. OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. K. CONDUCT A VIBRATION TEST. L. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC. |

**Task/Abbreviation:** Q-53131-7 / DSTLNG PLT EDUC PMP MOT - RPR

**MJC:** EXECQ916

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH REPAIRS TO THE EDUCTOR SUPPLY PUMP ELECTRIC MOTOR OF THE HEAT RECOVERY-TYPE DISTILLING PLANT PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP, AND ACCOMPLISH ONE OF THE FOLLOWING: A. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** Q-53131-8 / DSTLNG PLT DSTLT FD PMP - RPR

**MJC:** EXECQ917

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE PUMP UNIT (CLOSE-COUPLED) TO THE SHOP. OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. K. CONDUCT A VIBRATION TEST. L. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** Q-53131-9 / DSTLNG DSTLT FD PMP MOT - RPR

**MJC:** EXECQ918

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH REPAIRS TO THE FEED PUMP ELECTRIC MOTOR OF THE HEAT RECOVERY-TYPE DISTILLING PLANT PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP, AND ACCOMPLISH ONE OF THE FOLLOWING: A. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-53131-17 / DSTLNG PLT HE - PLUG TB

**MJC:** EXECJ297

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-53131-18 / DSTLNG PLT HE - REPL BUNDLE

**MJC:** EXECJ299

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-53131-19 / DSTLNG PLT HE - REPL TB

**MJC:** EXECJ301

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-53131-20 / DSTLNG PLT HE - REPL ZINCS

**MJC:** EXECJ303

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-53131-21 / DSTLNG PLT HE - REROLL TB

**MJC:** EXECJ305

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-53131-22 / DSTLNG PLT HE - RPR TB SH

**MJC:** EXECJ307

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-53131-23 / DSTLNG PLT HE - RPR TB SPRTS

**MJC:** EXECJ309

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-53131-26 / DSTLT PMP MOT BRG-REPL

**MJC:** EXECJC73

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE ELECTRIC MOTOR OF THE HEAT RECOVERY-TYPE DISTILLING PLANT DISTILLATE PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-53131-27 / DSTL PLT FD PMP MOT-RWND

**MJC:** EXECJC75

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REWIND THE ELECTRIC MOTOR OF THE HEAT RECOVERY-TYPE DISTILLING PLANT FEED PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-53131-28 / DSTL PLT FD PMP MOT-RPR

**MJC:** EXECJC77

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

RECONDITION THE ELECTRIC MOTOR OF THE HEAT RECOVERY-TYPE DISTILLING PLANT FEED PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-53131-29 / DSTL PLT FD PMP MOT BRG-REPL

**MJC:** EXECJC79

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE ELECTRIC MOTOR OF THE HEAT RECOVERY-TYPE DISTILLING PLANT FEED PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-53131-30 / DSTL PLT EDUC PMP MOT-RWND

**MJC:** EXECJC81

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REWIND THE ELECTRIC MOTOR OF THE HEAT RECOVERY-TYPE DISTILLING PLANT EDUCTOR SUPPLY PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-53131-31 / DSTL PLT EDUC PMP MOT-RPR

**MJC:** EXECJC82

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

RECONDITION THE ELECTRIC MOTOR OF THE HEAT RECOVERY-TYPE DISTILLING PLANT EDUCTOR SUPPLY PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-53131-32 / DSTL PLT EDUC PMP MOT BRG-REPL

**MJC:** EXECJC83

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE ELECTRIC MOTOR OF THE HEAT RECOVERY-TYPE DISTILLING PLANT EDUCTOR SUPPLY PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-53131-33 / DSTLNG PLT (CHEM) - CLN

**MJC:** EXECJF30

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,800

**ManDays:** 40

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. CHEMICALLY CLEAN INTERNALS. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

**Task/Abbreviation:** J-53131-34 / DSTLNG PLT (MECH) - CLN

**MJC:** EXECJF31

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,800

**ManDays:** 40

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. MECHANICALLY CLEAN INTERNALS. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

**Task/Abbreviation:** J-53131-35 / DSTLNG PLT (WELD) - RPR

**MJC:** EXECJF32

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,800

**ManDays:** 40

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. ACCOMPLISH AUTHORIZED WELD REPAIRS TO EVAPORATOR SHELL AND TUBE SHEETS. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

**Task/Abbreviation:** J-53131-36 / DSTLNG PLT (HE TB) - RPR

**MJC:** EXECJF33

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,800

**ManDays:** 40

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RETUBE DESIGNATED INTERNAL STAGE HEAT EXCHANGERS. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

**Task/Abbreviation:** J-53131-37 / DSTLNG PLT (PLUG HE) - RPR

**MJC:** EXECJF34

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,800

**ManDays:** 40

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. PLUG DESIGNATED HEAT EXCHANGER TUBES. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

**Task/Abbreviation:** J-53131-38 / DSTLNG PLT (PACK HE) - RPR

**MJC:** EXECJF35

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,800

**ManDays:** 40

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPACK HEAT EXCHANGER TUBE ENDS. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

**Task/Abbreviation:** J-53131-39 / DSTLNG PLT (DEMISTERS) - REPL

**MJC:** EXECJF36

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,800

**ManDays:** 40

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE DEMISTERS. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

**Task/Abbreviation:** J-53131-40 / DSTLNG PLT (BAFFLES) - RPR

**MJC:** EXECJF37

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,800

**ManDays:** 40

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPAIR BAFFLES. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

**Task/Abbreviation:** J-53131-41 / DSTLNG PLT (BAFFLES) - REPL

**MJC:** EXECJF38

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,800

**ManDays:** 40

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE BAFFLES. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

**Task/Abbreviation:** J-53131-42 / DSTLNG PLT (DISCS) - REPL

**MJC:** EXECJF39

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,800

**ManDays:** 40

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE RUPTURED DISCS. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

**Task/Abbreviation:** J-53131-43 / DSTLNG PLT (VIEW GLASS) - REPL

**MJC:** EXECJF40

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,800

**ManDays:** 40

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE VIEW PORT GLASSES. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

**Task/Abbreviation:** J-53131-44 / DSTLNG PLT (AIR NOZZLES)-REPL

**MJC:** EXECJF41

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,800

**ManDays:** 40

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE AIR EJECTOR NOZZLES. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

**Task/Abbreviation:** J-53131-45 / DSTLNG PLT (SPRAY CAPS) - REPL

**MJC:** EXECJF42

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,800

**ManDays:** 40

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE SPRAY CAPS. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

**Task/Abbreviation:** J-53131-46 / DSTLT PMP MECH SEAL - REPL

**MJC:** EXECJN95

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 990

**ManDays:** 22

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPLACE, IN-PLACE, THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-53131-47 / DSTLT PMP WEAR RINGS - REPL

**MJC:** EXECJN96

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 990

**ManDays:** 22

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-53131-48 / DSTLT PMP RT ASSY - RPR

**MJC:** EXECJN97

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 990

**ManDays:** 22

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-53131-49 / EDUC SPLY PMP MECH SEAL - RE

**MJC:** EXECJN98

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 990

**ManDays:** 22

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPLACE, IN-PLACE, THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-53131-50 / EDUC SPLY PMP WEAR RINGS-REPL

**MJC:** EXECJN99

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 990

**ManDays:** 22

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-53131-51 / EDUC SPLY PMP RT ASSY - RPR

**MJC:** EXECJO00

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 990

**ManDays:** 22

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-53131-52 / DSTLT FD PMP MECH SEAL - REP

**MJC:** EXECJO01

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPLACE, IN-PLACE, THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-53131-53 / DSTLT FD PMP WEAR RINGS - REPL

**MJC:** EXECJO02

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-53131-54 / DSTLT FD PMP RT ASSY - RPR

**MJC:** EXECJO03

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** I-53151-1 / R/O DESALINATOR PLT - INSP

**MJC:** EXECI193

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSP/OP TST REVERSE OSMOSIS DESALINATOR PLT(S), INCL ASSOC HT EXCHGRS, PMPS, VLVS & MTR TST, ADJ/SET OP OF AUTO CONT & ALARMS. ACCOMP MINOR RPRS.REPORT CONDITIONS FOUND TO SHIP'S CSMP. A. LOGIC CONTROLLER, PROGRAMMABLE (PLC) B. MOTOR CONTROLLER, (HIGH PRESSURE PUMP) C. HEATER, SEA WATER INLET. D. FILTERS, CARTRIDGE AND ACTIVATED CARBON E. ROTAMETER FLOWMETER F. TOTALIZING FLOWMETER G. FEED BOOSTER PUMP H. HIGH PRESSURE PUMP I. RELAY CONTROLS, ELECTRO-MECHANICAL J. REVERSE OSMOSIS (R/O) MODULES K. SEPARATOR, CENTRIFUGAL L. PRESSURE SWITCHES, INDICATORS AND ALARMS M. TEMPERATURE SWITCHES, INDICATORS AND ALARMS N. BRINE RESTRICTOR VALVE (PRESSURE REGULATING) O. DUMP VALVE (DIVERT TRIP VALVE) P. RELIEF VALVE

**Task/Abbreviation:** Q-53151-2 / R/O FD BSTR PMP - RPR

**MJC:** EXECQ928

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE PUMP UNIT (CLOSE-COUPLED) TO THE SHOP. OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. K. CONDUCT A VIBRATION TEST. L. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** Q-53151-3 / R/O FD BSTR PMP MOT - RPR

**MJC:** EXECQ929

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 540

**ManDays:** 12

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH REPAIRS TO THE FEED BOOSTER PUMP ELECTRIC MOTOR OF THE REVERSE OSMOSIS-TYPE DISTILLING PLANT(S) PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP, AND ACCOMPLISH ONE OF THE FOLLOWING: A. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** Q-53151-4 / R/O HP PMP IN SHOP - RPR

**MJC:** EXECQ930

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR HP PUMP (TRIPLEX/PLUNGER-TYPE) OF THE REVERSE OSMOSIS DESALINATOR PLANT(S). DISASSEMBLE THE PUMP. CLEAN AND INSPECT ALL COMPONENTS. MEASURE AND RECORD AS-FOUND DIMENSIONS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF CRANKSHAFT, CONNECTING RODS, AND PISTON ASSEMBLIES. REPORT CONDITIONS FOUND TO THE NSA. A. RESURFACE/GRIND CRANKSHAFT AND CRANKPIN BEARING JOURNALS B. REPLACE CRANKSHAFT. C. REPLACE CRANKPIN BEARING INSERTS. D. REPLACE OR REBUSH WRIST PINS. E. REPLACE CRANKSHAFT BEARINGS. F. REPLACE PISTON RING SET(S). G. HONE CYLINDERS. H. REPAIR LUBE OIL PUMP ASSEMBLY. I. REPLACE V-BELTS. REASSEMBLE USING NEW GASKETS AND SEALS. REPLACE UNSERVICEABLE FASTENERS. MEASURE AND RECORD POST-REPAIR RUNNING CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ADJUST CONTROLS AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** Q-53151-5 / R/O HP PMP MOT IN SHOP - RPR

**MJC:** EXECQ931

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 540

**ManDays:** 12

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH REPAIRS TO THE HIGH PRESSURE PUMP ELECTRIC MOTOR OF THE REVERSE OSMOSIS- DESALINATOR PLANT(S) PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP, AND ACCOMPLISH ONE OF THE FOLLOWING: A. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** Q-53151-6 / R/O DESALINATOR PLT - RPR

**MJC:** EXECQF56

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,890

**ManDays:** 42

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE REVERSE OSMOSIS - DESALINATOR PLANT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE USING NEW GASKETS, FASTENERS AND SEALS. HYDROSTATICALLY TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. ACCOMPLISH WELD REPAIRS TO EVAPORATOR SHELL. B. CHEMICALLY CLEAN INTERNALS. C. MECHANICALLY CLEAN INTERNALS. D. REPLACE REVERSE OSMOSIS MODULES. E. REPLACE REVERSE OSMOSIS MEMBRANES.

**Task/Abbreviation:** D-53151-28 / SHIPALT MCM1-0278D ACCOMP

**MJC:** EXSAD566 **Rev Date:** 03/04/2004

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 1 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 10,459 **ManDays:** 43

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | SHIPALT MCM1-00278D, RO FRESH WATER FLUSH, NOT ACCOMPLISHED | ACCOMPLISH SHIPALT MCM1-00278D WHICH INSTALLS 1/2-INCH NPS PIPING FROM POTABLE WATER SYSTEM TO REVERSE OSMOSIS UNIT SEA WATER INLET. TEE NEW PIPING IN UPSTREAM OF REVERSE OSMOSIS SEA WATER DUPLEX STRAINER. NEW PIPING SHALL CONTAIN A BACK-FLOW PREVENTER, FLOW TOTALIZER, CARBON FILTER, AND TWO HOSE CONNECTIONS FOR TEMPORARY HOSE. PROVIDE HOSE RACK FOR STORAGE OF TEMPORARY HOSE. PROVIDES HOSE CONNECTION ON REVERSE OSMOSIS PRODUCT WATER DISCHARGE FOR OBTAINING DIESEL ENGINE JACKET WATER. |

**Task/Abbreviation:** J-53151-29 / R/O HP PMP MOT-RWND

**MJC:** EXECJB37

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 540

**ManDays:** 12

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REWIND THE ELECTRIC MOTOR OF THE REVERSE OSMOSIS-TYPE DISTILLING PLANT FEED HIGH PRESSURE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-53151-30 / R/O HP PMP MOT-RPR

**MJC:** EXECJB39

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 540

**ManDays:** 12

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

RECONDITION THE ELECTRIC MOTOR OF THE REVERSE OSMOSIS-TYPE DISTILLING PLANT HIGH PRESSURE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-53151-32 / R/O FD BSTR PMP MOT-RWND

**MJC:** EXECJB43

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 540

**ManDays:** 12

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REWIND THE ELECTRIC MOTOR OF THE REVERSE OSMOSIS-TYPE DISTILLING PLANT FEED BOOSTER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-53151-33 / R/O FD BSTR PMP MOT-RPR

**MJC:** EXECJB44

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 540

**ManDays:** 12

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

RECONDITION THE ELECTRIC MOTOR OF THE REVERSE OSMOSIS-TYPE DISTILLING PLANT FEED BOOSTER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-53151-34 / R/O FD BSTR PMP MOT BRG-REPL

**MJC:** EXECJB45

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 540

**ManDays:** 12

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE ELECTRIC MOTOR OF THE REVERSE OSMOSIS-TYPE DISTILLING PLANT FEED BOOSTER PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-53151-35 / R/O HP PMP RINGS - REPL

**MJC:** EXECJJ14

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE HIGH PRESSURE PUMP (TRIPLEX/PLUNGER-TYPE) PISTON RING SET(S) OF THE REVERSE OSMOSIS DESALINATOR PLANT. HONE CYLINDERS. REASSEMBLE USING NEW GASKETS AND SEALS. REPLACE UNSERVICEABLE FASTENERS. MEASURE AND RECORD POST-REPAIR RUNNING CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ADJUST CONTROLS AND ACCOMPLISH A SATISFACTORY OPERATION TEST.

**Task/Abbreviation:** I-53311-1 / POTW PMP - INSP

**MJC:** EXECI195

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 24

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE POTABLE WATER CENTRIFUGAL PUMP. REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE TEST. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E. RESILIENT MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS SURVEY. G. CONDUCT FLOW TEST. REPORT ANY NEW WORK REQUIRED ON A SEPARATE JOB.

**Task/Abbreviation:** Q-53311-5 / POTW PMP SHOP - RPR

**MJC:** EXECQ620

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 945

**ManDays:** 21

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE PUMP UNIT (CLOSE-COUPLED) TO THE SHOP. OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. K. CONDUCT A VIBRATION TEST. L. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** Q-53311-9 / POTW PMP MOT - RPR

**MJC:** EXECQ624

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 540

**ManDays:** 12

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH REPAIRS TO THE POTABLE WATER PUMP ELECTRIC MOTOR PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP, AND ACCOMPLISH ONE OF THE FOLLOWING: A. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** I-53311-21 / BROMINE RECIRC PMP UNIT - INSP

**MJC:** EXECI392

**Rev Date:** 03/03/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 24

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE BROMINE RECIRCULATING CENTRIFUGAL PUMP. REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE TEST. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E. RESILIENT MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS SURVEY. G. CONDUCT FLOW TEST. REPORT ANY NEW WORK REQUIRED ON A SEPARATE JOB.

**Task/Abbreviation:** Q-53311-22 / BROMINE RECIRC PMP SHOP - RPR

**MJC:** EXECQH10

**Rev Date:** 03/03/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 945

**ManDays:** 21

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE PUMP UNIT (CLOSE-COUPLED) TO THE SHOP. OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. K. CONDUCT A VIBRATION TEST. L. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** Q-53311-25 / PROPNG BROMINATOR - RPR

**MJC:** EXECQH13

**Rev Date:** 03/05/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE PROPORTIONING BROMINATOR UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS AND EQUIPMENT TECHNICAL MANUAL. REMOVE, DISASSEMBLE, CLEAN AND INSPECT PARTS AND COMPONENTS. ON COMPLETION OF REPAIRS, REINSTALL COMPONENTS USING NEW PARTS IN PLACE OF THOSE FOUND TO BE MISSING, WORN OR DEFECTIVE. ADJUST AND ALIGN EQUIPMENT IN ACCORDANCE WITH TECHNICAL MANUAL. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** Q-53311-27 / RECIRC BROMINATOR - RPR

**MJC:** EXECQH14

**Rev Date:** 03/05/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE RECIRCULATING BROMINATOR UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS AND EQUIPMENT TECHNICAL MANUAL. REMOVE, DISASSEMBLE, CLEAN AND INSPECT PARTS AND COMPONENTS. ON COMPLETION OF REPAIRS, REINSTALL COMPONENTS USING NEW PARTS IN PLACE OF THOSE FOUND TO BE MISSING, WORN OR DEFECTIVE. ADJUST AND ALIGN EQUIPMENT IN ACCORDANCE WITH TECHNICAL MANUAL. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** Q-53311-28 / PROPNG BROMINATOR - REPL

**MJC:** EXECQL45

**Rev Date:** 08/24/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE PROPORTIONING BROMINATOR UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS AND EQUIPMENT TECHNICAL MANUAL. ADJUST AND ALIGN EQUIPMENT IN ACCORDANCE WITH TECHNICAL MANUAL. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** A-53311-38 / AER MCM1-60198E - ACCOMP

**MJC:** EXTYA582

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 1,560

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-60198, POTABLE WATER SYSTEM MODS, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-60198 WHICH REPLACES POTABLE WATER PUMP CHECK VALVE. |

**Task/Abbreviation:** A-53311-39 / AER MCM1-0680E - ACCOMP

**MJC:** EXTYA583

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 3,050

**ManDays:** 50

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00680, DELUGE SHOWER, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00680 WHICH INSTALLS EMERGENCY DELUGE SHOWERS IN AMR AND MMR. |

**Task/Abbreviation:** J-53311-41 / POTW PMP MOT-RWND

**MJC:** EXECJB46

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 540

**ManDays:** 12

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REWIND THE ELECTRIC MOTOR OF THE ELECTRONICS POTABLE WATER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-53311-42 / POTW PMP MOT-RPR

**MJC:** EXECJB47

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 540

**ManDays:** 12

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

RECONDITION THE ELECTRIC MOTOR OF THE ELECTRONICS POTABLE WATER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-53311-43 / POTW PMP MOT BRG-REPL

**MJC:** EXECJB48

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 540

**ManDays:** 12

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE ELECTRIC MOTOR OF THE ELECTRONICS POTABLE WATER PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-53311-50 / POTW PMP MECH SEAL - REPL

**MJC:** EXECJO26

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 945

**ManDays:** 21

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE, IN-PLACE, THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-53311-51 / POTW PMP WEAR RINGS - REPL

**MJC:** EXECJO27

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 945

**ManDays:** 21

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-53311-52 / POTW PMP RT ASSY - RPR

**MJC:** EXECJO28

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 945

**ManDays:** 21

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-53311-53 / BROMINE RECIRC PMP SEAL - RE

**MJC:** EXECJP60

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 945

**ManDays:** 21

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE, IN-PLACE, THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-53311-54 / BROMINE RECIRC PMP RINGS-REPL

**MJC:** EXECJP61

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 945

**ManDays:** 21

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-53311-55 / BROMINE RECIRC PMP RT ASSY-RPR

**MJC:** EXECJP62

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 945

**ManDays:** 21

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** I-54111-1 A / FO XFR SYS NON-COMPSG - UT

**MJC:** EXECI122

**Rev Date:** 02/04/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 450

**ManDays:** 9

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ULTRASONICALLY-TEST THE NON-COMPENSATED-TYPE SHIP FUEL, FILL AND TRANSFER SYSTEM PIPING FROM STORAGE AND SERVICE TANKS, DECK FILL AND DISCHARGE SYSTEMS TO FUEL TRANSFER PUMPS AND VALVE MANIFOLDS IN MACHINERY SPACES AS FOLLOWS: A. CLEAN PIPING TO BARE METAL AT AREAS TO BE TESTED. B. OBTAIN FOUR (4) READINGS AT EACH SELECTED AREA, NINETY DEGREES (90 DEGS) APART IN THE FOLLOWING AREAS: 1. AT ALL BENDS (PARTICULARLY THE OUTSIDE RADIUS). 2. AREAS ADJACENT TO HANGERS AND EXTERNAL CORROSION. 3. WHERE PIPE SIZE REDUCES C. PRESERVE DISTURBED PIPING AREAS. D. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. NOTE: 1. ULTRASONIC TESTING NOT REQUIRED ON MONEL PIPING.

**Task/Abbreviation:** I-54121-1 / FO XFR PMP - INSP

**MJC:** EXECI203

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE FUEL OIL TRANSFER PUMP. REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE TEST. D. RESILIENT MOUNTS AS APPLICABLE. E. CONDUCT FLOW TEST. REPORT ANY NEW WORK REQUIRED ON A SEPARATE JOB.

**Task/Abbreviation:** Q-54121-6 / FO XFR PMP - RPR

**MJC:** EXECQ683

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

OPEN, CLEAN, AND INSPECT THE ROTARY GEAR PUMP. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS ROTOR AND HOUSING BORE DIAMETERS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT AND GEARS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** Q-54121-9 / FO XFR PMP MOT - RPR

**MJC:** EXECQ686

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,135

**ManDays:** 23

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH REPAIRS TO THE FUEL TRANSFER PUMP ELECTRIC MOTOR PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP, AND ACCOMPLISH ONE OF THE FOLLOWING: A. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-54121-22 / FO XFR PMP MOT-RWND

**MJC:** EXECJC27

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,135

**ManDays:** 23

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REWIND THE ELECTRIC MOTOR OF THE FUEL TRANSFER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-54121-23 / FO XFR PMP MOT-RPR

**MJC:** EXECJC28

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,135

**ManDays:** 23

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

RECONDITION THE ELECTRIC MOTOR OF THE FUEL TRANSFER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-54121-24 / FO XFR PMP MOT BRG-REPL

**MJC:** EXECJC29

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,135

**ManDays:** 23

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE ELECTRIC MOTOR OF THE FUEL TRANSFER PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** M-55121-2 / (M)MP AIR RCVR - INSP

**MJC:** EXECM131

**Rev Date:** 11/17/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 8

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 144

**Equip/Task:** 1

**Matl Cost:** 1,350

**ManDays:** 30

**Referenced Authority:**

NSTM CH-551, PARA. 551-1.5.5 PSNSY MEMO 9551 SER 260LCM/021 PSNSY MEMO 9551 SER 260LCM/05

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| COPPER NICKEL RECE | NSTM REQUIREMENT DUE | OPEN, CLEAN, INSPECT, HYDROSTATICALLY TEST AND REPAIR THE COPPER NICKEL MEDIUM PRESSURE AIR RECEIVERS. INSPECT THE EXTERIOR AND INTERIOR SURFACES FOR PITTING, DEFECTS AND DEFORMATION. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ATTACH NEW TEST LABEL PLATES, REINSTALL ACCESS COVERS USING NEW GASKETS AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. WELD-REPAIR PITTED AREAS BELOW ALLOWABLE MINIMUM WALL THICKNESS. B. HYDROSTATICALLY TEST RECEIVERS TO 150% OF NOMINAL OPERATING SYSTEM PRESSURE (WORKING PRESSURE). C. REPLACE GASKETS ON COMPLETION OF HYDROSTATIC TEST. |

**Task/Abbreviation:** I-55121-4 / MP/LP AIR SYS - INSP

**MJC:** EXECI217

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE LOW AND/OR MEDIUM PRESSURE AIR SYSTEM. DETECT LEAKS USING SOAP TEST METHOD. TEST, ADJUST AND SET THE OPERATION OF ALL CONTROLS INCLUDING SOLENOIDS, CUT-OUT SWITCHES AND THERMOSTATS. ACCOMPLISH MINOR REPAIRS TO CONTROLS, PIPING AND VALVES. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** Z-55121-5 / MP/LP AIR RLF VLV - TST

**MJC:** EXECZ016

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 0

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 24

**Equip/Task:** 0

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

CNSL LTR 4700 SER N431B3/3033 OF 30 MAY 1995

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE COMPRESSED AIR SYSTEM RELIEF VALVES FOR TESTING AND SETTING.
NOTE: APPLIES TO MHC-51 CLASS ONLY.

**Task/Abbreviation:** I-55152-1 / MP AIR COMPR UNIT - INSP

**MJC:** EXECI282

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE MEDIUM PRESSURE AIR COMPRESSOR UNIT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. INCLUDE THE FOLLOWING AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B. ELECTRICAL INSULATION RESISTANCE TEST. C. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. D. VIBRATION ANALYSIS SURVEY.

**Task/Abbreviation:** Q-55152-2 / MP AIR COMPR - RPR

**MJC:** EXECQD09

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 2,250

**ManDays:** 50

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE, ON SHIP, THE MEDIUM PRESSURE AIR COMPRESSOR (RECIPROCATING) FOR EXAMINATION. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS DIMENSIONS, CLEARANCES AND RUNOUTS. ACCOMPLISH NON-DESTRUCTIVE TESTING OF CONNECTING RODS, CRANKSHAFT AND PISTON ASSEMBLIES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW GASKETS AND SEALS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ALIGN ELECTRIC MOTOR TO COMPRESSOR. ADJUST CONTROLS AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RESURFACE AND GRIND CRANKSHAFT JOURNALS. B. REPLACE CRANKSHAFT, CRANKSHAFT BEARINGS, CRANKPIN BEARING INSERTS, PISTON RING SETS. C. REPLACE OR REBUSH WRIST PINS. D. RESURFACE VALVE PLATES AND REPLACE VALVE STRIPS. E. HONE CYLINDERS. F. REPAIR UNLOADER ASSEMBLY. G. REPAIR LUBE OIL PUMP ASSEMBLY.

**Task/Abbreviation:** Q-55152-3 / MP AIR COMPR MOT - RPR

**MJC:** EXECQD10

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH REPAIRS TO THE ELECTRIC MOTOR OF THE MEDIUM PRESSURE AIR COMPRESSOR PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP, AND ACCOMPLISH ONE OF THE FOLLOWING: A. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** Q-55152-4 / MP AIR COMPR CLRS - INSP

**MJC:** EXECQD11

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

**Task/Abbreviation:** J-55152-6 / MP AIR COMPR CLRS - PLUG TB

**MJC:** EXECJ465

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-55152-7 / MPAC CLRS - REPL TB BUNDLE

**MJC:** EXECJ466

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-55152-8 / MPAC CLRS - REPL TB

**MJC:** EXECJ467

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-55152-9 / MPAC CLRS - REPL ZINCS

**MJC:** EXECJ468

**Rev Date:** 07/13/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-55152-10 / MPAC CLRS - REROLL TB

**MJC:** EXECJ469

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-55152-11 / MPAC CLRS - RPR TB SH

**MJC:** EXECJ470

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-55152-12 / MPAC CLRS-RPR TB SPRT PLATES

**MJC:** EXECJ471

**Rev Date:** 07/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-55152-13 / MP AIR COMPR MOT-RWND

**MJC:** EXECJB70

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REWIND THE MEDIUM PRESSURE AIR COMPRESSOR ELECTRIC MOTOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-55152-14 / MP AIR COMPR MOT-RPR

**MJC:** EXECJB71

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

RECONDITION THE MEDIUM PRESSURE AIR COMPRESSOR ELECTRIC MOTOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-55152-15 / MP AIR COMPR MOT BRG-REPL

**MJC:** EXECJB72

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE MEDIUM PRESSURE AIR COMPRESSOR ELECTRIC MOTOR. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** A-55511-9 / AER MCM1-0694E - ACCOMP

**MJC:** EXTYA589

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 111

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00694, 55 GALLON AFFF CAPACITY AER25, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00694, 55 GALLON AFFF CAPACITY AER25. |

**Task/Abbreviation:** I-56111-1 / STRG SYS - INSP

**MJC:** EXECI222

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND OPERATIONALLY TEST THE STEERING SYSTEM. TEST, ADJUST & SET THE OPERATION OF ALL CONTROLS AND SWITCHES. ACCOMPLISH MINOR REPAIRS TO CONTROLS, PIPING AND VALVES. REPORT CONDITIONS FOUND TO NSA. NOTE: ACCOMPLISH RUNOUT CHECKS ON RUDDER STOCKS PRIOR TO START OF AVAILABILITY.

**Task/Abbreviation:** Q-56111-3 / STRG HYDR PMP MOT - RPR

**MJC:** EXECQ779

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 945

**ManDays:** 21

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH REPAIRS TO THE HYDRAULIC STEERING PUMP ELECTRIC MOTOR PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP, AND ACCOMPLISH ONE OF THE FOLLOWING: A. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** Q-56111-4 / STRG HYDR PMP - RPR

**MJC:** EXECQ962

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

OPEN THE PUMP CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD AS-FOUND AND POST REPAIRS DIMENSIONS AND CLEARANCES OF CYLINDER BARRELS, SHAFT TRUNNION BLOCK, PISTONS AND VALVE PLATE. ACCOMPLISH NON-DESTRUCTIVE TESTING OF PUMP DRIVE SHAFT, CYLINDER BARRELS AND VALVE PLATE. SUBMIT A REPORT OF CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, "O"-RINGS AND MECHANICAL SEALS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ALIGN ELECTRIC MOTOR TO PUMP. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. A. LAP CYLINDER BARREL & VLV PLATE SURFACES B. RPL BRNGS (THRUST,RADIAL) CONNECTING RODS, CYLINDER BARRELS, PISTONS, SHAFT(MN), SHAFT TRUNNION BLOCK, SOCKET RING, TILTING BLOCK AND VALVE PLATE. C. ACCOMPLISH HYDRAULIC OIL SYSTEM FLUSH.

**Task/Abbreviation:** Q-56111-5 / STRG GR RAM PACKING - REPL

**MJC:** EXECQD14

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE STEERING GEAR RAM PACKING AND SPLIT WIPER RINGS PER CONDITION ASSESSMENT RECOMMENDATIONS. STONE AND POLISH RAMS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** D-56111-11 / SHIPALT MCM1-0226D ACCOMP

**MJC:** EXSAD173

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-226D "RELOCATE STRG FILTER POP UP" WHICH RELOCATES THE STEERING GEAR HYDRAULIC FILTER POP-UP INDICATORS TO ALLOW WATCH SANDER TO MONITOR FILTER STATUS. |

**Task/Abbreviation:** J-56111-26 / STRG HYDR PMP MOT-RWND

**MJC:** EXECJ975

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 945

**ManDays:** 21

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REWIND THE ELECTRIC MOTOR OF THE HYDRAULIC STEERING PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-56111-27 / STRG HYDR PMP MOT-RPR

**MJC:** EXECJ976

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 945

**ManDays:** 21

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

RECONDITION THE ELECTRIC MOTOR OF THE HYDRAULIC STEERING PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-56111-28 / STRG HYDR PMP MOT BRG-REPL

**MJC:** EXECJ977

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 945

**ManDays:** 21

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE ELECTRIC MOTOR OF THE HYDRAULIC STEERING PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-56111-29 / STRG HYDR PMP - RPR

**MJC:** EXECJJ21

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

OPEN THE PUMP CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD AS-FOUND AND POST REPAIRS DIMENSIONS AND CLEARANCES OF CYLINDER BARRELS, SHAFT TRUNNION BLOCK, PISTONS AND VALVE PLATE. ACCOMPLISH NON-DESTRUCTIVE TESTING OF PUMP DRIVE SHAFT, CYLINDER BARRELS AND VALVE PLATE. SUBMIT A REPORT OF CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, "O"-RINGS AND MECHANICAL SEALS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ALIGN ELECTRIC MOTOR TO PUMP. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. A. LAP CYLINDER BARREL & VLV PLATE SURFACES B. RPL BRNGS (THRUST,RADIAL) CONNECTING RODS, CYLINDER BARRELS, PISTONS, SHAFT(MN), SHAFT TRUNNION BLOCK, SOCKET RING, TILTING BLOCK AND VALVE PLATE.

**Task/Abbreviation:** J-56111-30 / STRG HYDR PMP CYL - RPR

**MJC:** EXECJJ22

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | DISASSEMBLE THE PUMP CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD AS-FOUND AND POST REPAIRS DIMENSIONS AND CLEARANCES OF CYLINDER BARRELS, SHAFT TRUNNION BLOCK, PISTONS AND VALVE PLATE. ACCOMPLISH NON-DESTRUCTIVE TESTING OF PUMP DRIVE SHAFT, CYLINDER BARRELS AND VALVE PLATE. SUBMIT A REPORT OF CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. LAP CYLINDER BARREL & VLV PLATE SURFACES. REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, "O"-RINGS AND MECHANICAL SEALS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ALIGN ELECTRIC MOTOR TO PUMP. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. CONDUCT SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** I-56211-1 / RUDDER STOCK - RPR (UNSHIP) **MJC:** EXECM132 **Rev Date:** 02/04/2004

**Std Template:** **Sit Reqs:** D/D **Priority:** Highly Desirable **Qty:** 2 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 450 **ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE RUDDER AS FOLLOWS: A. REMOVE RUDDER INSPECTION PLATES FOR ACCESS TO PINTLE AND RUDDER STOCK NUT(S) AS APPLICABLE. B. UNSHIP RUDDER IF REQUIRED (OPTIONAL). C. INSPECT RUDDER FOR WEAR IN LEANING SURFACES, RUDDER POST, NUT ENGAGEMENT AND COATING SYSTEM. D. ACCOMPLISH AIR TEST OF RUDDER. E. MEASURE AND RECORD BEARING CLEARANCES IAW 0901-LP-430-0020 CH. 244. F. SUBMIT REPORT OF FINDINGS FOR PARAGRAPHS C. THRU E. G. ACCOMPLISH REPAIRS AS AUTHORIZED 1) WELD REPAIRS TO : RUDDER, PINTLES, SLEEVE AND BUSHING BEARING HOUSING. 2) MACHINE, BORE TO DESIGN , PINTLE TAPERS , PINTLE BOSSES, BEARING HOUSING AND RUDDER STOCK. H. REPLACE WEARING PARTS, BEARING SEALS AND BUSHINGS. I. BLAST AND PRESERVE RUDDER WITH RUST PREVENTIVE BY FLOAT-COAT METHOD. J. AIR TEST RUDDER. K. REINSTALL RUDDER, ALIGN BEARINGS AND SEALS. L. CLOSE INSPECTION PLATES AND PRESERVE.

**Task/Abbreviation:** I-56211-2 / RUDDER UW - INSP

**MJC:** EXECI365

**Rev Date:** 02/04/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 4

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | MEASURE RUDDER POST BEARING CLEARANCES (WATERBORNE) UTILIZING THE WATERBORNE DIAL INDICATOR PROCEDURE IN NSTM S9086-HN-STM-010/CH 244, SECTION 5. REPORT CONDITIONS FOUND TO SHIP'S CSMP. NOTE: ACCOMPLISH 9-12 MONTHS PRIOR TO A DRYDOCK AVAILABILITY. |

**Task/Abbreviation:** I-56811-1 / BOW THRUSTER UNIT - INSP

**MJC:** EXECI283

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE BOW THRUSTER UNIT. ACCOMPLISH AN ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. INCLUDE: A. COUPLING, FLEXIBLE B. HYDRAULIC SYSTEM, DIVERTER VALVES C. MOTOR, ELECTRIC (350-HP; D.C.; VARIABLE SPEED) D. MOTOR DRIVE (SCR) E. REDUCTION GEAR F. VALVES, DIVERTER

**Task/Abbreviation:** Q-56811-2 / BOW THRUSTER ELEC MOT - RPR

**MJC:** EXECQD15

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH REPAIRS TO THE ELECTRIC MOTOR FOR THE BOW THRUSTER UNIT IN ACCORDANCE WITH CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP, AND ACCOMPLISH ONE OF THE FOLLOWING: A. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** Q-56811-3 / BOW THRUSTER RDCN GR - RPR

**MJC:** EXECQD16

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH THE FOLLOWING REPAIRS TO THE REDUCTION GEAR OF THE BOW THRUSTER UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. ON COMPLETION OF REPAIRS, REINSTALL COMPONENTS, REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST AND VIBRATION ANALYSIS SURVEY. SUBMIT A REPORT OFCONDITIONS FOUND TO THE SHIP'S CSMP. A. REMOVE UPPER-HALF COVERS FOR INTERNAL EXAMINATION. B. BLUE-CONTACT-CHECK GEAR TEETH AND VERIFY INTERNAL ALIGNMENT. C. MEASURE AND RECORD AND NOTE CONDITION OF OIL DEFLECTORS, JOURNALS AND BEARING CLEARANCES. D. ACCOMPLISH SYSTEM OIL FLUSH. E. STONE AND POLISH GEAR TEETH, AS REQUIRED. F. REPLACE AND/OR REBABBITT BEARINGS, AS REQUIRED. G. MACHINE-GRIND JOURNALS, AS REQUIRED. H. REPLACE OIL DEFLECTORS, AS REQUIRED. I. PROVIDE POST-REPAIRS CLEARANCES AND ALIGNMENT DATA. J. ENSURE SATISFACTORY DRIVER UNITS TO REDUCTION GEAR UNIT ALIGNMENT.

**Task/Abbreviation:** Q-56811-4 / BOW THRUSTER PMP - RPR

**MJC:** EXECQD17

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE PUMP OF BOW THRUSTER UNIT TO THE SHOP. OPEN PUMP CASING. CLEAN/INSPECT ALL COMPONENTS. MEASURE/ RECORD AS-FOUND AND POST-REPAIRS RUNNING CLEARANCES & RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT & SHAFT SLEEVES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF REPAIRS, REASSEMBLE UNIT & ACCOMPLISH SAT OP TEST. A. RESURFACE AND MACHINE SHAFT JOURNALS. B. REPLACE DESIGNATED COUPLINGS. C. REPLACE PROPELLER. D. REPLACE SHAFT. E. REPLACE SHAFT SLEEVES. F. REPLACE SHAFT SPACER SLEEVES. G. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. H. REPAIR CASING AND BEARING HOUSINGS USING WELD BUILD BUILD-UP OR AUTHORIZED COATING SYSTEM. I. REPAIR THRUSTER TUNNEL (P/S). J. REPAIR DESIGNATED DIVERTER VALVES. K. REPLACE DESIGNATED DIVERTER VALVES. L. REPAIR DIVERTER VALVE HYDRAULIC ACTUATED CYLINDERS. M. REPLACE DIVERTER VALVE HYDRAULIC ACTUATED CYLINDERS.

**Task/Abbreviation:** K-56811-5 / SHIPALT MCM1-0259K ACCOMP

**MJC:** EXSAK250

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 200

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | NAVSEA AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-259K "BOW THRUSTER PROP SYS MODS". |

**Task/Abbreviation:** A-56811-6 / AER MCM1-0787E - ACCOMP

**MJC:** EXTYA017

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED ALTERATION | ACCOMPLISH SHIPALT MCM1-787E "BOW THRUSTER INTERNAL COATING". |

**Task/Abbreviation:** A-56811-7 / AER MCM1-0800E - ACCOMP

**MJC:** EXTYA018

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED ALTERATION | ACCOMPLISH SHIPALT MCM1-800E "BOW THRUSTER COFFER DAM". |

**Task/Abbreviation:** J-56811-8 / BOW THRUSTER MOT-RWND

**MJC:** EXECJD35

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REWIND THE ELECTRIC MOTOR OF THE BOW THRUSTER UNIT IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-56811-9 / BOW THRUSTER MOT-RPR

**MJC:** EXECJD36

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

RECONDITION THE ELECTRIC MOTOR OF THE BOW THRUSTER UNIT IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-56811-10 / BOW THRUSTER MOT BRG-REPL

**MJC:** EXECJD37

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | DISASSEMBLE THE ELECTRIC MOTOR OF THE BOW THRUSTER UNIT. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-56811-11 / BOW THRUSTER CONTROL SYS - RPR

**MJC:** EXECJH88

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

TROUBLESHOOT AND REPAIR THE BOW THRUSTER CONTROL SYSTEM IN ACCORDANCE WITH THE APPLICABLE TECH MANUAL REPLACING DEFECTIVE CIRCUIT BOARDS AND COMPONENTS AS NECESSARY. SYNCHRONIZE GAGE READINGS AND CONTROL IN THE LOCAL CONTROL STATION AND BRIDGE CONTROL STATION. OPERATIONALLY TEST REMOTELY AND LOCALLY.

**Task/Abbreviation:** A-57131-7 / AER MCM1-0709E - ACCOMP

**MJC:** EXTYA591

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 4,686

**ManDays:** 14

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00709, FUEL AT SEA PRESS GAGE INST, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00709 WHICH INSTALL PERMANENT PRESSURE GAGE AT EACH FUELING AT SEA STATION FUEL OIL FILL CONNECTION. |

**Task/Abbreviation:** M-58111-1 / (M)AHR/AHR CHAIN - INSP/PSV

**MJC:** OXECM001 **Rev Date:** 04/02/2003

**Std Template:** **Sit Reqs:** **Priority:** Mandatory **Qty:** 1 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 144 **Equip/Task:** 1 **Matl Cost:** 1,350 **ManDays:** 30

**Referenced Authority:**

NSTM CH 582, PARA. 581-2.7

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM-MHC REQUIREME | NSTM REQUIREMENT DUE | REMOVE AND DISASSEMBLE ANCHORS, SWIVEL SHOTS, CHAINS, DETACHABLE LINKS AND STOPPERS. BLAST CLEAN TO NEAR-WHITE THE ANCHOR(S), CHAINS, STOPPERS, DETACHABLE LINKS, PINS, SWIVELS. INSPECT AND PRESERVE ANCHOR, ANCHOR CHAIN AND APPENDAGES IAW NSTM 581 AND MRC 6HTX N. SUBMIT A REPORT OF CONDITIONS FOUND TO THE SHIP'S CSMP. REPLACE COMPONENTS NOT MEETING SPECIFICATIONS. UPON COMPLETION OF REPAIRS, PAINT SHOT IDENTIFICATION AND WIRE MARK CHAINS IAW NSTM 581. INSTALL AND WIRE-LOCK BITTER END SHACKLES AS APPLICABLE. ASSEMBLE AND RESTOW ANCHORS AND CHAINS. NOTE SPEC DEVELOPED TO BE IAW SWT 581-01. NOTE: SPEC DEVELOPED TO BE IAW SWT 581-01. |

**Task/Abbreviation:** I-58111-2 / AHR WNDLS UNIT - INSP

**MJC:** OXECI013

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE ANCHOR WINDLASS UNIT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. INCLUDE THE FOLLOWING AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B. ELECTRICAL INSULATION RESISTANCE TEST. C. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. D. VIBRATION ANALYSIS SURVEY.

**Task/Abbreviation:** Q-58111-3 / AHR WNDLS MOT - RPR

**MJC:** OXECQ011

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,225

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH REPAIRS TO THE ANCHOR WINDLASS ELECTRIC MOTOR PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP, AND ACCOMPLISH ONE OF THE FOLLOWING: A. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** Q-58111-5 / AHR WNDLS (GR) - RPR

**MJC:** OXECQ017

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE ANCHOR WINDLASS PER CONDITION ASSESSMENT RECOMMENDATIONS AND APPLICABLE TECHNICAL MANUAL. OPEN, CLEAN AND INSPECT ALL COMPONENTS. RECORD AS FOUND CLEARANCES AND RUNOUTS AND PROVIDE A REPORT OF CONDITIONS FOUND TO THE NAVAL SUPERVISING ACTIVITY. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST. REASSEMBLE UNIT USING NEW BEARINGS, DOWELS, GASKETS, KEYS, LOCKNUTS, LOCKWASHERS, O-RINGS, PINS, SEALS, SHIMS, SPACERS AND SPRINGS. REPLACE MISSING/UNSERVICEABLE FASTENERS. ENSURE SAT ALIGNMENT AND LUBRICATE THE EQUIPMENT. RECORD POST REPAIR CLEARANCES AND RUNOUTS. FLUSH AND CLEAN REDUCTION GEAR SUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. FREE AND ADJUST OPERATING GEAR AND LINKAGE. B. RESURFACE AND MACHINE BRAKE DRUMS. C. STONE AND/OR DRESS PINION AND GEAR TOOTH TO REMOVE HIGH SPOTS. D. REPLACE RIVETS AND CHOCKS. E. REPAIR ELECTRIC BRAKE.

**Task/Abbreviation:** J-58111-19 / AHR WNDLS MOT-RWND

**MJC:** EXECJE01

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,225

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REWIND THE ANCHOR WINDLASS ELECTRIC MOTOR IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-58111-20 / AHR WNDLS MOT-RPR

**MJC:** EXECJE02

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,225

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

RECONDITION THE ANCHOR WINDLASS ELECTRIC MOTOR IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-58111-21 / AHR WNDLS MOT BRG-REPL

**MJC:** EXECJE03

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,225

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE ANCHOR WINDLASS ELECTRIC MOTOR. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-58111-28 / AHR WNDLS (GR) ELEC BRAKE -RPR

**MJC:** EXECJI42

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE BRAKE. REMOVE THE OLD BRAKE LINING PADS AND RIVETS. REPLACE BRAKE LINING PADS AND RIVETS WITH NEW. INSPECT THE BRAKE DRUM. REPORT CONDITIONS FOUND TO THE NSA. RESURFACE AND MACHINE BRAKE DRUM AS NEEDED. REASSEMBLE THE BRAKE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-58111-29 / AHR WNDLS (GR) BRAKE DRUM -RPR

**MJC:** EXECJI43

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | RESURFACE AND MACHINE ANCHOR WINDLASS ELECTRIC BRAKE DRUM. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-58111-30 / AHR WNDLS PINION/GR TOOTH -RPR

**MJC:** EXECJI44

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | DISASSEMBLE ANCHOR WINDLASS REDUCTION GEAR. STONE AND/OR DRESS PINION AND GEAR TOOTH TO REMOVE HIGH SPOTS. REASSEMBLE THE REDUCTION GEAR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** A-58211-12 / AER MCM1-0802E - ACCOMP

**MJC:** EXTYA594

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 250

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00802, TOWING HAWSER COATING, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00802 WHICH EXTENDS THE THE SAMPHENE C POLYURETHANE COATING 1 FOOT ON EITHER SIDE OF THE EXISTING COATING ON THE TOWING HAWSER. |

**Task/Abbreviation:** M-58311-1 A / (M)BOAT DAVITS - LD TST

**MJC:** OXECM008

**Rev Date:** 06/07/2002

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 10

**Referenced Authority:**

NSTM CHAPTER 583 PARA 583-9.6.2

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | NSTM REQUIREMENT DUE | VISUALLY INSPECT AND ACCOMPLISH STATIC, DYNAMIC AND WORKING LOAD TESTS ON THE BOAT HANDLING DAVIT SYSTEM, INCLUDING QUICK RELEASE HOOKS. INSPECT FOUNDATION FOR STRUCTURAL DAMAGE. ENSURE SATISFACTORY BOAT TRACKWAY ALIGNMENT PRIOR TO DEPOT LEVEL AVAILABILITY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF TEST, INSPECT DAVITS AND SUPPORTING STRUCTURES FOR SIGN OF DAMAGE OR PERMANENT DISTORTION DUE TO TEST. PREPARE AND INSTALL NEW OR ANNOTATE EXISTING LABEL PLATE(S) TEST DATA. USE OF WATER BAGS FOR LOAD TESTS IS A BEST BUSINESS PRACTICE. |

**Task/Abbreviation:** M-58311-5 / (M)BOAT SLINGS - LD TST

**MJC:** OXECM002

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 10

**Referenced Authority:**

NSTM CHAPTER 583

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | NSTM REQUIREMENT DUE | INSPECT AND LOAD-TEST THE BOAT SLINGS. CONDUCT TEST IN ACCORDANCE WITH MRC _____ . SUBMIT A WEIGHT TEST REPORT TO THE SHIP'S 3M COORDINATOR/SHIP'S MAINTENANCE OFFICER. |

**Task/Abbreviation:** Q-58311-6 / BOAT DAVIT WN ASSY - RPR

**MJC:** OXECQF89

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE BOAT DAVIT WINCH ASSEMBLY PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE WIRE ROPE. DRAIN OIL FROM GEAR CASE. DISASSEMBLE & CLEAN ALL COMPONENTS FOR INSPECTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ASSEMBLE WINCH USING NEW BEARINGS, GASKETS, SEALS, SPRINGS AND SPRING FOLLOWERS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. LUBRICATE WINCH AND WIRE ROPE. REPLACE GEAR CASE OIL. A. REPAIR ELECTRIC BRAKE. B. REPAIR DESIGNATED BRAKE LINKAGES. C. REPLACE BRAKE PADS. D. REPLACE DESIGNATED CENTRIFUAL CLUTCH COMPONENTS. E. REPLACE DESIGNATED LIMIT SWITCHES. F. REPLACE DESIGNATED GEARS. G. REPLACE OVER-RUNNING CLUTCH MANUAL BRAKE COMPONENTS. H. REPLACE DESIGNATED SAFETY SWITCHES. I. REPLACE TENSIONING DEVICE. J. RESURFACE AND MACHINE BRAKE DRUM. K. CONDUCT WEIGHT TEST.

**Task/Abbreviation:** Q-58311-7 / BOAT DAVIT WN ELEC MOT - RPR

**MJC:** OXECQF90

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH REPAIRS TO THE ELECTRIC MOTOR OF THE BOAT HANDLING DAVIT SYSTEM WINCH PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP, AND ACCOMPLISH ONE OF THE FOLLOWING: A. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** Q-58311-8 / BOAT DAVIT WIRE ROPE - REPL

**MJC:** OXECQF91

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE MAIN CABLES (WIRE ROPE) OF THE BOAT HANDLING DAVIT SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS. ACCOMPLISH PROOF TESTING OF EACH NEW WIRE ROPE, COMPLETE WITH END FITTING, TO 40% OF BREAKING STRENGTH. ACCOMPLISH SATISFACTORY WEIGHT TEST FOLLOWED BY A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-58311-44 / BOAT DAVIT WN MOT-RWND

**MJC:** EXECJD41

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REWIND THE ELECTRIC MOTOR OF THE BOAT HANDLING DAVIT SYSTEM WINCH IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-58311-45 / BOAT DAVIT WN MOT-RPR

**MJC:** EXECJD42

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

RECONDITION THE ELECTRIC MOTOR OF THE BOAT HANDLING DAVIT SYSTEM WINCH IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** J-58311-46 / BOAT DAVIT WN MOT BRG - REPL

**MJC:** EXECJD43

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE ELECTRIC MOTOR OF THE BOAT HANDLING DAVIT SYSTEM WINCH. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-58311-47 / BOAT DAVIT WN ELEC BRAKE - RPR

**MJC:** EXECJI45

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE BOAT DAVIT WINCH ASSEMBLY ELECTRIC BRAKE. REMOVE THE OLD BRAKE LINING PADS AND RIVETS. REPLACE BRAKE LINING PADS AND RIVETS WITH NEW. INSPECT THE BRAKE DRUM. REPORT CONDITIONS FOUND TO THE NSA. RESURFACE AND MACHINE BRAKE DRUM AS NEEDED. REASSEMBLE AND ADJUST THE BRAKE. ACCOMPLISH SATISFACTORY OPERATIONAL AND LOAD TESTS.

**Task/Abbreviation:** J-58311-48 / BOAT DAVIT WN BRAKE DRUM - RPR

**MJC:** EXECJI46

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | DISASSEMBLE THE BOAT DAVIT WINCH ASSEMBLY BRAKE. RESURFACE AND MACHINE THE BRAKE DRUM. REASSEMBLE AND ADJUST THE BRAKE. LUBRICATE THE BRAKE, IF APPLICABLE. ACCOMPLISH SATISFACTORY OPERATIONAL AND LOAD TESTS. |

**Task/Abbreviation:** J-58311-49 / BOAT DAVIT WN BRAKE PADS -REPL

**MJC:** EXECJI47

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISASSEMBLE THE BOAT DAVIT WINCH ASSEMBLY BRAKE. REMOVE THE OLD BRAKE LINING PADS AND RIVETS. REPLACE BRAKE LINING PADS AND RIVETS WITH NEW. REASSEMBLE AND ADJUST THE BRAKE. LUBRICATE THE BRAKE, IF APPLICABLE. ACCOMPLISH SATISFACTORY OPERATIONAL AND LOAD TESTS.

**Task/Abbreviation:** J-58311-50 / DAVIT WN BRAKE LINKAGES - RPR

**MJC:** EXECJI48

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE BOAT DAVIT WINCH ASSEMBLY WIRE ROPE. DRAIN AND DISPOSE OF OIL FROM GEAR CASE. DISASSEMBLE THE WINCH AS NEEDED. REPAIR BRAKE LINKAGES. REASSEMBLE WINCH USING NEW GASKETS, SEALS, SPRINGS AND SPRING FOLLOWERS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. LUBRICATE WINCH. LUBRICATE AND REINSTALL WIRE ROPE. REPLACE GEAR CASE OIL. ACCOMPLISH SATISFACTORY OPERATIONAL AND LOAD TESTS.

**Task/Abbreviation:** J-58311-51 / WN CNTFGL CLUTCH CMPNTS - REPL

**MJC:** EXECJI49

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE BOAT DAVIT WINCH ASSEMBLY WIRE ROPE. DRAIN AND DISPOSE OF OIL FROM GEAR CASE. DISASSEMBLE THE WINCH AS NEEDED. DISASSEMBLE THE CENTRIFUGAL CLUTCH ASSEMBLY AND REPLACE COMPONENTS WITH NEW. RESASSEMBLE AND ADJUST THE CLUTCH ASSEMBLY. ENSURE ROTATION OF CLUTCH IS CORRECT DURING REASSEMBLY. REASSEMBLE WINCH USING NEW GASKETS, SEALS, SPRINGS AND SPRING FOLLOWERS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. LUBRICATE WINCH. LUBRICATE AND REINSTALL WIRE ROPE. REPLACE GEAR CASE OIL. ACCOMPLISH SATISFACTORY OPERATIONAL AND LOAD TESTS.

**Task/Abbreviation:** J-58311-52 / WN CLUTCH BRAKE CMPNTS - REPL

**MJC:** EXECJI50

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE THE BOAT DAVIT WINCH ASSEMBLY WIRE ROPE. DRAIN AND DISPOSE OF OIL FROM GEAR CASE. DISASSEMBLE THE WINCH AS NEEDED. DISASSEMBLE THE OVER-RUNNUNG CLUTCH MANUAL BRAKE ASSEMBLY AND REPLACE COMPONENTS WITH NEW. RESASSEMBLE, LUBRICATE AND ADJUST THE OVER-RUNNING CLUTCH MANUAL BRAKE ASSEMBLY. REASSEMBLE WINCH USING NEW GASKETS, SEALS, SPRINGS AND SPRING FOLLOWERS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. LUBRICATE WINCH. LUBRICATE AND REINSTALL WIRE ROPE. REPLACE GEAR CASE OIL. ACCOMPLISH SATISFACTORY OPERATIONAL AND LOAD TESTS.

**Task/Abbreviation:** J-58311-53 / DAVIT WN TENSIONING DVC - REPL

**MJC:** EXECJI51

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE EXISTING AND INSTALL NEW BOAT DAVIT WINCH ASSEMBLY TENSIONING DEVICE. ACCOMPLISH SATISFACTORY OPERATIONAL AND LOAD TESTS.

**Task/Abbreviation:** J-58311-54 / DAVIT WN LIMIT SWITCH-RPR/REPL

**MJC:** EXECJI52

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR/REPLACE BOAT DAVIT WINCH ASSEMBLY LIMIT SWITCHES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-58311-55 / DAVIT WN WEIGHT TST - ACCOMP

**MJC:** EXECJI53

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH A WEIGHT TEST OF THE BOAT DAVIT WINCH ASSEMBLY.

**Task/Abbreviation:** I-59311-1 / SEW SYS - INSP

**MJC:** EXECI225

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND OPERATIONALLY-TEST THE SEWAGE DISPOSAL SYSTEM. ACCOMPLISH AN ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. INCLUDE: A. PUMPS (ASPIRATION, INJECTION, MACERATOR, TRANSFER, VACUUM) B. ALARMS C. SENSORS D. HYDROGEN SULFIDE MONITORS E. CONTROL AND TIMING DEVICE F. VALVES G. VALVE OPERATING GEAR, REMOTE. NOTE: NOT ALL COMPONENTS APPLY TO ALL CLASSES.

**Task/Abbreviation:** M-59311-2 / (M)CHT TK - INSP

**MJC:** EXECM142

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 48

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 2

**Referenced Authority:**

NSTM CH-593, PARA. 593-4.2.21

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | NSTM REQUIREMENT DUE | INSPECT THE CHT TANK TO INCLUDE ALL INTERNAL TANK SURFACES, ALL SUPPORTING STRUCTURES AND BRACING ATTACHED THERETO; ALL FITTINGS AND PENETRATIONS, FROM TANK UP TO AND INCLUDING FIRST FLANGE FOR FILL, TRANSFER, DRAIN, AND VENT; FITTINGS FOR LOCAL AND REMOTE LEVEL MONITORS AND ACCESS MANHOLES AND ASSOCIATED HARDWARE. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP TO INCLUDE THE FOLLOWING, AS APPLICABLE: A. COATING SYSTEM B. LADDERS AND ASSOCIATED HARDWARE C. PIPING TRANSVERSING TANKS AND ATTACHED BRACKETS D. SOUNDING TUBES AND ATTACHED BRACKETS E. TANK OVERFLOWS AND ATTACHED BRACKETS F. TANK VENTS AND ATTACHED BRACKETS G. TERMINATING PIPING WITHIN TANK AND ATTACHED BRACKETS. NOTE: 1. ENSURE TANKS ARE GAS FREE BEFORE ENTERING. |

**Task/Abbreviation:** Q-59311-3 / CHT TK - GAS FREE

**MJC:** MXECM001 **Rev Date:** 02/04/2004

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 1 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 48 **Equip/Task:** 1 **Matl Cost:** 100 **ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | CLEAN AND GAS FREE THE CHT TANK(S). NOTE: THIS REQUIREMENT IS COVERED BY A NAVSEA STANDARD ITEM FOR PRIVATE SECTOR AVAILABILITIES. |

**Task/Abbreviation:** Q-59311-10 / CHT PP - CLN

**MJC:** EXECQ788

**Rev Date:** 03/08/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 1,800

**ManDays:** 40

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

CHEMICALLY CLEAN THE CHT PIPING IN ACCORDANCE WITH NSTM CHAPTER 505. PIPING TO BE DESIGNATED. PROVIDE ____ MANDAYS AND ____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. NOTE: USE SWT 593-02 FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** Q-59311-11 / CHT TK - RPR/PSV

**MJC:** QXECQ001 **Rev Date:** 02/04/2004

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 1 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 48 **Equip/Task:** 1 **Matl Cost:** 2,250 **ManDays:** 50

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH THE FOLLOWING REPAIRS TO THE CHT TANK. ON COMPLETION OF REPAIRS, CLEAN, FLUSH, CHLORINATE AND PROVIDE CULTURE RESULTS. TO INCLUDE: A. REPAIR ____ SQUARE FEET OF COATING SYSTEM USING NAVSEA STANDARD ITEM 009-32 FOR GUIDANCE. B. REPLACE _____ FEET DETERIORATED SOUNDING TUBES C. REPLACE _____ STRIKER PLATES D. CLAD WELD _____ SQUARE FEET OF WASTED PLATE E. VEE OUT AND REWELD _____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS. F. CROP AND REPLACE _____ SQUARE FEET OF DETERIORATED AND/OR BUCKLED PLATE TOGETHER WITH INTERNALS IN WAY OF G. REPLACE _____ DETERIORATED OR MISSING ANODES & HDW. H. PROVIDE ____MANDAYS AND ____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. I. AIR TEST AFTER STRUCTURAL REPAIRS. J. INSTALL ANODES IN ACCORDANCE WITH GENERAL SPECIFICATIONS FOR OVERHAUL (GSO) SHOULD NONE BE PRESENT IN THE TANK. K. REPAIR FLOAT SWITCHES.

**Task/Abbreviation:** D-59311-33 / SHIPALT MCM1-0162D ACCOMP

**MJC:** EXSAD167

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 20

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-162D "GATX SYSTEM FRESH WATER SUPPLY". |

**Task/Abbreviation:** Q-59311-34 / CHT PP - CLN/HYDROBLAST

**MJC:** QXECQJ71

**Rev Date:** 11/27/2001

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 1,800

**ManDays:** 40

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-09 OF 2.A FOR HYDROBLAST, CLEANING AND FLUSHING OF THE CHT COLLECTION TANKS AND PIPING SYSTEM WITH HIGH PRESSURE WATER JET EQUIPMENT. USING NSTM S9086-T8-STM-010/CH-593 PARA 593-4.2.17, POLLUTION CONTROL, FOR CRITERIA. NOTE: USE SWT 593-01 FOR GUIDANCE IN DEVELOPING SPEC.

**Task/Abbreviation:** Q-59311-55 / SEW MACERATOR ASSY - RPR

**MJC:** EXECQK70

**Rev Date:** 01/18/2002

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 300

**ManDays:** 5

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | DISCONNECT AND REMOVE THE MACERATOR OF THE SEWAGE DISPOASAL SYSTEM. OPEN THE CASING. ACCOMPLISH SANITARY AND HYGIENIC REQUIREMENTS. CLEAN AND INSPECT ALL COMPONENTS. MEASURE AND RECORD ROTOR DIMENSIONS AND RUNOUTS, AND ROTATING AND STATIONARY CUTTER CLEARANCES. ACCOMPLISH NDT OF SHAFT AND SCREEN ASSEMBLY. DISASSEMBLE. REPLACE BEARINGS, SEALS, AND O-RINGS. REPLACE MISSING COMPONENTS. REPLACE OR REPAIR DEFECTIVE COMPONENTS. ASSEMBLE. INSTALL AND CONNECT USING NEW FASTENERS AND FLANGE GASKETS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** D-59311-61 / SHIPALT MCM1-0230D ACCOMP

**MJC:** EXSAD568 **Rev Date:** 03/07/2004

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 1 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 7,898 **ManDays:** 66

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | SHIPALT MCM1-00230D, GATX MSD SYS VTS HTR S/R MODS, NOT ACCOMPLISHED | ACCOMPLISH SHIPALT MCM1-00230D WHICH REPLACES VTS HEATER, REMOVES LOW LEVEL FLOAT SWITCH, RELOCATES THE VTS CATALYST OUTLET TEMPERATURE GAUGE, MODIFIES THE SYSTEM CONTROLLER, REPLACES THE VTS HEATER WIRE, INSTALLS A VTS BLOWER DRAIN, REPLACES THE VTS HEATER PLENUM, RELOCATES SWITCH 1TAS, REMOVES TANK INTERNAL SLUDGE SUCTION PIPING, PROVIDES WASTE WATER TANK SIDE ACCESS, INSTALLS WATER CLOSET TRAPS, REPLACES URINAL P-TRAPS, AND INSTALLS MOTOR OVERTEMP SWITCH AND WARNING LIGHT. |

**Task/Abbreviation:** J-59311-104 / SEW MACERATOR - REPL

**MJC:** EXECJE61

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 300

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISCONNECT AND REMOVE THE MACERATOR OF THE SEWAGE DISPOASAL SYSTEM. ACCOMPLISH SANITARY AND HYGIENIC REQUIREMENTS. INSTALL NEW MACERATOR AND CONNECT USING NEW FASTENERS AND FLANGE GASKETS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-59311-105 / SEW MACERATOR RTR & SHFT-REPL

**MJC:** EXECJE62

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 300

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISCONNECT AND REMOVE THE MACERATOR OF THE SEWAGE DISPOASAL SYSTEM. OPEN THE CASING. ACCOMPLISH SANITARY AND HYGIENIC REQUIREMENTS. REPLACE ROTOR, SHAFT, BEARINGS, SEALS, AND O-RINGS. ASSEMBLE. INSTALL AND CONNECT USING NEW FASTENERS AND FLANGE GASKETS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-59311-106 / SEW MACERATOR SEALS-REPL

**MJC:** EXECJE63

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 300

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISCONNECT AND REMOVE THE MACERATOR OF THE SEWAGE DISPOASAL SYSTEM. OPEN THE CASING. ACCOMPLISH SANITARY AND HYGIENIC REQUIREMENTS. REPLACE SEALS AND O-RINGS. ASSEMBLE. INSTALL AND CONNECT USING NEW FASTENERS AND FLANGE GASKETS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** I-59321-1 / OW SEP - INSP

**MJC:** EXECIJ98

**Rev Date:** 05/07/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND OPERATIONALLY-TEST THE OILY WASTE SEPARATOR. ACCOMPLISH AN ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. INCLUDE: A. THE SEPARATOR PUMP AND MOTOR. B. SEPARATOR TANKS. C. ALARMS, SENSORS, CONTROLS, AND TIMING DEVICES. D. VALVES AND VALVE REMOTE OPERATING GEAR. NOTE: NOT ALL COMPONENTS APPLY TO ALL CLASSES.

**Task/Abbreviation:** Q-59321-5 / OW SEP - RPR

**MJC:** EXECQG44 **Rev Date:** 05/07/2003

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 1 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 450 **ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR OILY WASTE SEPARATOR BASED ON CONDITION BASED ASSESSMENT. INCLUDING: A. THE SEPARATOR PUMP AND MOTOR. B.SEPARATOR TANKS. C. ALARMS, SENSORS, CONTROLS, AND TIMING DEVICES. D. VALVES AND VALVE REMOTE OPERATING GEAR. NOTE: NOT ALL COMPONENTS APPLY TO ALL CLASSES.

**Task/Abbreviation:** A-59321-33 / AER MCM1-0826E - ACCOMP

**MJC:** EXTYA600

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 1,018

**ManDays:** 13

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00826, 1F FUEL OIL TELLTALE DRAIN, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00826 WHICH RE-DIRECTS DIESEL ENGINE FUEL OIL PUMP TELLTALE DRAIN TO OILY WASTE DRAIN COLLECTION SYSTEM. |

**Task/Abbreviation:** J-59321-50 / OW SEP TK - CLN/RPR

**MJC:** EXECJE64

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISCONNECT, OPEN, AND INSPECT THE TANK OF THE OILY WASTE SEPARATOR SYSTEM. DISASSEMBLE TANK. CLEAN TANK. REPAIR/REPLACE SENSORS. REPLACE ZINCS. ASSEMBLE TANK USING NEW GASKETS. CONNECT USING NEW GASKETS AND FLANGE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-59321-51 / OW SEP MAIN CONT PNL - RPR

**MJC:** EXECJE65

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISCONNECT, REMOVE, OPEN, AND INSPECT THE MAIN CONRTOL PANEL OF THE OILY WASTE SEPARATOR SYSTEM. RECONDITION THE PANEL IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-16. INSTALL AND CONNECT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-59321-52 / OW SEP REMOTE ALARM PNL - RPR

**MJC:** EXECJE66

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | DISCONNECT, REMOVE, OPEN, AND INSPECT THE REMOTE ALARM PANEL OF THE OILY WASTE SEPARATOR SYSTEM. RECONDITION THE PANEL IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-16. INSTALL AND CONNECT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. |

**Task/Abbreviation:** J-59321-53 / OW SEP MOTOR - REPL

**MJC:** EXECJE67

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISCONNECT AND REMOVE THE MOTOR FROM THE OILY WASTE SEPARATOR SYSTEM. INSTALL NEW MOTOR AND CONNECT. REPLACE DRIVE BELT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-59321-54 / OW SEP PUMP - RPR

**MJC:** EXECJE68

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISCONNECT AND REMOVE THE PUMP FROM THE OILY WASTE SEPARATOR SYSTEM. OPEN AND INSPECT. DISASSEMBLE. REPLACE CONNECTING ROD, BEARINGS, AND SEALS. ASSEMBLE USING NEW PACKING. INSTALL PUMP AND CONNECT USING NEW GASKETS AND FLANGE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-59321-55 / OW SEP VALVE - REPL

**MJC:** EXECJE69

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISCONNECT AND REMOVE THE VALVE OF THE OILY WASTE SEPARATOR SYSTEM. INSTALL NEW VALVE AND CONNECT USING NEW GASKETS AND FLANGE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-59321-56 / OW SEP VALVE ACTR - RPR

**MJC:** EXECJE70

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISCONNECT AND REMOVE THE ACTUATOR FROM THE VALVE OF THE OILY WASTE SEPARATOR SYSTEM. DISASSEMBLE, CLEAN, INSPECT & TEST ELECTRICAL & MECHANICAL COMPONENTS. REPLACE MISSING OR DEFECTIVE COMPONENTS. ASSEMBLE ACTUATOR ASSEMBLY USING NEW GASKETS. INSTALL AND CONNECT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-59321-57 / OW SEP FLOW SENSOR - REPL

**MJC:** EXECJE71

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISCONNECT AND REMOVE THE FLOW SENSOR FROM THE OILY WASTE SEPARATOR SYSTEM. INSTALL NEW SENSOR AND CONNECT USING NEW GASKETS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-59321-58 / OW SEP FLOW TOTALIZER - RPR

**MJC:** EXECJE72

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISCONNECT AND REMOVE THE FLOW TOTALIZER FROM THE OILY WASTE SEPARATOR SYSTEM. DISASSEMBLE AND INSPECT. REPLACE MISSING OR DEFECTIVE COMPONENTS. ASSEMBLE USING NEW GASKETS AND PACKING. INSTALL AND CONNECT USING NEW GASKETS AND FLANGE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** J-59321-59 / OW SEP FLOW SW - REPL

**MJC:** EXECJE73

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DISCONNECT AND REMOVE THE FLOW SWITCH FROM THE OILY WASTE SEPARATOR SYSTEM. INSTALL NEW SWITCH AND CONNECT USING NEW GASKETS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** I-62312-1 / GRP LAD - INSP

**MJC:** OXECI016

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE, INSPECT, WEIGHT TEST, REPAIR AND REINSTALL THE GRP INCLINED AND VERTICAL LADDERS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP.

**Task/Abbreviation:** I-62312-2 / CLIMBER RAILS - LD TST

**MJC:** OXECI017

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 21

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | STATIC LOAD TEST LADDER CLIMBER SAFETY ASSEMBLIES. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. |

**Task/Abbreviation:** I-62321-1 / ACCOM LAD - OPNL CHK

**MJC:** OXECI012

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 36

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | INSPECT LOAD CARRYING ATTACHMENTS, AND PERFORM NON-DESTRUCTIVE TESTING 5X MAGNIFICATION VISUAL INSPECTION (NDT-VT) ON WELDS ON ACCOMODATION LADDER COMPONENTS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. |

**Task/Abbreviation:** Q-62321-5 / ACCOM LAD - RPR

**MJC:** EXECQK15

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:**

**Matl Forecast:** NO

**Lvl of Maint:** 0

**Freq:** 69

**Equip/Task:**

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE ACCOMMODATION LADDER PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, CONDUCT WEIGHT TEST ONLY WHEN MAJOR REPAIRS ARE ACCOMPLISHED. A. CLAD WELD __ INCHES. B. WELD __FEET OF CRACK. C. REPLACE ____ TREADS. D. REPAIR/REPLACE HANDRAIL. E. REPAIR/REPLACE HANDRAIL SUPPORT STANCHION/BRACKET. F. REPLACE ____ SECURING PADEYES. G. REFURBISH ROLLER ASSEMBLY. NOTE: SUPSHIP UTILIZE SWI/SWT 623-01, "ACCOMMODATION LADDER; REPAIR" , FOR GUIDANCE IN DEVELOPING THIS ITEM.

**Task/Abbreviation:** J-62321-10 / ACCOM LAD (TREADS)- RPR

**MJC:** EXECJ098

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:**

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:**

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR ____TREADS. ACCOMPLISH WEIGHT TEST UPON COMPLETION OF REPAIRS. NOTE: SUPSHIP UTILIZE SWT 623-01, "ACCOMMODATION LADDER; REPAIR", FOR GUIDANCE IN DEVELOPING THIS ITEM.

**Task/Abbreviation:** J-62321-11 / ACCOM LAD (HANDRAIL)- RPR

**MJC:** EXECJ099

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:**

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:**

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR ____LINEAR FEET OF HANDRAILS. ACCOMPLISH WEIGHT TEST UPON COMPLETION OF REPAIRS. NOTE: SUPSHIP UTILIZE SWT 623-01, "ACCOMMODATION LADDER; REPAIR", FOR GUIDANCE IN DEVELOPING THIS ITEM.

**Task/Abbreviation:** J-62321-12 / ACCOM LAD (HANDRAIL)- REPL

**MJC:** EXECJ100

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:**

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:**

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE ____LINEAR FEET OF HANDRAILS. ACCOMPLISH WEIGHT TEST UPON COMPLETION OF REPAIRS. NOTE: SUPSHIP UTILIZE SWT 623-01, "ACCOMMODATION LADDER; REPAIR", FOR GUIDANCE IN DEVELOPING THIS ITEM.

**Task/Abbreviation:** J-62321-13 / ACCOM LAD (HANDRAIL STAN)- RPR

**MJC:** EXECJ101

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:**

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:**

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR ____HANDRAIL SUPPORT STANCHION BRACKETS. ACCOMPLISH WEIGHT TEST UPON COMPLETION OF REPAIRS. NOTE: SUPSHIP UTILIZE SWT 623-01, "ACCOMMODATION LADDER; REPAIR", FOR GUIDANCE IN DEVELOPING THIS ITEM.

**Task/Abbreviation:** J-62321-14 / ACCOM LAD (HANDRAIL STAN)-REPL

**MJC:** EXECJ102

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:**

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:**

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE ____HANDRAIL SUPPORT STANCHION BRACKETS. ACCOMPLISH WEIGHT TEST UPON COMPLETION OF REPAIRS. NOTE: SUPSHIP UTILIZE SWT 623-01, "ACCOMMODATION LADDER; REPAIR", FOR GUIDANCE IN DEVELOPING THIS ITEM.

**Task/Abbreviation:** J-62321-15 / ACCOM LAD (PADEYES)-REPL

**MJC:** EXECJ103

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:**

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:**

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPLACE ____SECURING PADEYES. ACCOMPLISH WEIGHT TEST UPON COMPLETION OF REPAIRS. NOTE: SUPSHIP UTILIZE SWT 623-01, "ACCOMMODATION LADDER; REPAIR", FOR GUIDANCE IN DEVELOPING THIS ITEM. |

**Task/Abbreviation:** J-62321-16 / ACCOM LAD (ROLLER ASSY)- RPR

**MJC:** EXECJ104

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:**

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:**

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REFURBISH ROLLER ASSEMBLY. ACCOMPLISH WEIGHT TEST UPON COMPLETION OF REPAIRS. NOTE: SUPSHIP UTILIZE SWT 623-01, "ACCOMMODATION LADDER; REPAIR", FOR GUIDANCE IN DEVELOPING THIS ITEM. |

**Task/Abbreviation:** J-62321-17 / ACCOM LAD (CLAD WELD)- RPR

**MJC:** EXECJ105

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:**

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:**

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

CLAD WELD __ INCHES. ACCOMPLISH WEIGHT TEST UPON COMPLETION OF REPAIRS. NOTE: SUPSHIP UTILIZE SWT 623-01, "ACCOMMODATION LADDER; REPAIR", FOR GUIDANCE IN DEVELOPING THIS ITEM.

**Task/Abbreviation:** J-62321-18 / ACCOM LAD (WELD CRACKS)- RPR

**MJC:** EXECJ106

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:**

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:**

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

WELD __ FEET OF CRACKS. ACCOMPLISH WEIGHT TEST UPON COMPLETION OF REPAIRS. NOTE: SUPSHIP UTILIZE SWT 623-01, "ACCOMMODATION LADDER; REPAIR", FOR GUIDANCE IN DEVELOPING THIS ITEM.

**Task/Abbreviation:** Q-62411-1 / ELLISON DOORS - RMV/REINSTALL

**MJC:** EXECQ789

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST, PRIOR TO REMOVAL, THE ELLISON-TYPE DOORS. REMOVE ELLISON-TYPE DOORS AT THE START OF THE AVAILABILITY AND STORE. REINSTALL AND ACCOMPLISH MINOR REPAIRS AND ADJUSTMENTS AT THE END OF THE AVAILABILITY. _____ MANDAYS AND $ _____ MATERIAL COSTS ARE AUTHORIZED FOR PLANNING PURPOSES. NOTE: SUPSHIP UTILIZE SWI/SWT 624-01: "BALANCED JOINER DOORS; REMOVE, STORE AND INSTALL", FOR GUIDANCE IN DEVELOPING THIS ITEM.

**Task/Abbreviation:** Q-63111-1 / MCHRY SPACE BILGE - PSV

**MJC:** EXECQ976

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 6,750

**ManDays:** 150

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

PRESERVE THE MACHINERY SPACE BILGE PAINT SYSTEM INCLUDING FRAMES, STRINGERS, STIFFENERS AND MACHINERY FOUNDATIONS, USING NAVSEA STANDARD ITEM 009-32 FOR GUIDANCE. NOTE: 1. PRESERVATION TO BE BASED UPON COATING INSPECTORS RECOMMENDATIONS AND LATEST TYCOM PAINT MESSAGES. 2. SUPSHIP UTILIZE SWI/SWT 631-11, MACHINERY SPACE BILGE PRESERVE, FOR GUIDANCE IN DEVELOPING THIS ITEM.

**Task/Abbreviation:** I-63113-1 / AHR CHAIN LKR - INSP

**MJC:** OXECC004

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 72

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT THE ANCHOR CHAIN LOCKER TO INCLUDE ALL INTERNAL SURFACES, ALL SUPPORTING STRUCTURES AND BRACING ATTACHED THERETO; ALL FITTINGS AND PENETRATIONS, FITTINGS FOR LOCAL AND REMOTE LEVEL MONITORS AND ACCESS MANHOLES AND ASSOCIATED HARDWARE. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP TO INCLUDE THE FOLLOWING, AS APPLICABLE: A. COATING SYSTEM B. LADDERS AND ASSOCIATED HARDWARE C. PIPING TRANSVERSING LOCKER AND ATTACHED BRACKETS D. SOUNDING TUBES AND ATTACHED BRACKETS E. TERMINATING PIPING WITHIN LOCKER AND ATTACHED BRACKETS. NOTE: ENSURE LOCKER IS GAS FREE BEFORE ENTERING.

**Task/Abbreviation:** Q-63113-2 / AHR CHAIN LKR - RPR/PSV

**MJC:** OXECQ006

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 144

**Equip/Task:** 1

**Matl Cost:** 4,500

**ManDays:** 100

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE ANCHOR CHAIN LOCKER PER CONDITION ASSESSMENT RECOMMENDATIONS AS AUTHORIZED FROM THE FOLLOWING LIST: A. SURFACE PREPARATION AND RESTORATION OF PRESERVATION SYSTEM, USING NAVSEA STANDARD ITEM 009-32 FOR GUIDANCE. B. REPLACE 50 PERCENT OF WOOD SHEATHING. C. REMOVE AND REINSTALL METAL SHEATHING. NOTE: SUPSHIP UTILIZE SWI/SWT 631-13: "CHAIN LOCKER PRESERVATION; ACCOMPLISH (DRYDOCK)" FOR GUIDANCE IN DEVELOPING THIS ITEM.

**Task/Abbreviation:** Q-63131-1 / UW BODY - PSV

**MJC:** OXECQ007

**Rev Date:**

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 22,500

**ManDays:** 500

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

PRESERVE UNDERWATER HULL BODY FROM FLAT KEELS TO SIX INCHES ABOVE THE BOOT TOPPING USING NAVSEA STANDARD ITEM 009-32 FOR GUIDANCE. TO INCLUDE BILGE KEELS, RUDDERS, SEA CHESTS, APPENDAGES, FAIRINGS, GRATINGS AND STRUTS. NOTE: 1. PRESERVATION, BASED UPON COATING INSPECTORS RECOMMENDATIONS AND LATEST TYCOM PAINT MESSAGES. 2. SUPSHIP UTILIZE SWI/SWT 631-01, UNDERWATER HULL PRESERVATION, FOR GUIDANCE IN DEVELOPING THIS ITEM.

**Task/Abbreviation:** Q-63141-1 / FREEBOARD - PSV

**MJC:** OXECQ008

**Rev Date:**

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 5,625

**ManDays:** 125

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

PRESERVE THE FREEBOARD SHELL PLATING FROM SIX (6) INCHES BELOW THE TOP OF THE BOOT TOP TO THE WATERWAY BAR/TROUGH OF WEATHER DECK INCLUDING APPENDAGES, USING NAVSEA STANDARD ITEM 009-32 FOR GUIDANCE. CUT-IN AND PAINT HULL MARKINGS AND BOOT TOP. PRESERVE ALL HULL PENETRATIONS TO TWELVE INCHES INTO THE PENETRATION. NOTE: 1. PRESERVATION, BASED UPON COATING INSPECTIONS RECOMMENDATIONS AND LATEST TYCOM PAINT MESSAGE. 2. USE ONLY NAVSEA APPROVED COATING SYSTEMS

**Task/Abbreviation:** Q-63311-1 A / UW HULL SACRIFICIAL AD - REPL

**MJC:** OXECQ018

**Rev Date:**

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** X

**Matl Cost:** 1,000

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPLACE ALL SACRIFICIAL ZINC ANODES ON THE HULL, HULL EXTRUSIONS AND HULL PENETRATIONS (BOW THRUSTER TUNNEL, STERN TUBES), FAIRWATERS, RUDDERS AND STRUTS. REPLACE _____ STUDS. |

**Task/Abbreviation:** A-63311-6 / AER MCM1-0740E - ACCOMP

**MJC:** EXTYA015

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED ALTERATION | ACCOMPLISH SHIPALT MCM1-740E "UNDERWATER ZINC MODS". |

**Task/Abbreviation:** Q-63311-11 / TANK SACRIFICIAL AD - REPL **MJC:** OXECQF98 **Rev Date:** 08/13/2003

**Std Template:** **Sit Reqs:** D/D **Priority:** Highly Desirable **Qty:** X **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** X **Matl Cost:** 1,000 **ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TBD | REPLACE ALL SACRIFICIAL ZINC ANODES IN THE TANKS. REPLACE ___ ZEP-6 (ROUND) AND ___ ZHC-23 (RECTANGULAR) ZINC ANODES IN TANK AND ASSOCIATED FASTENERS. REPLACE ____ DEFECTIVE HOLD DOWN STUDS. |

**Task/Abbreviation:** R-63511-2 / HULL INSUL - RPR/REPL

**MJC:** EXSYR140

**Rev Date:** 07/08/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** X

**Matl Cost:** 2,000

**ManDays:** 10

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | MISSING/DAMAGED HULL INSULATION MUST BE REPAIRED OR REPLACED. | REMOVE EXISTING AND INSTALL NEW, AND REPAIR DAMAGED, DETERIORATED OR MISSING HULL INSULATION IN ACCORDANCE WITH SHIPS FORCE PRIORITY LIST UP TO THE LIMIT OF FUNDS ALLOCATED BY TYPE COMMANDER. PROVIDE RESERVATION OF ___ MANDAYS AND $_____ MATERIAL. NOTE: USE SI 009-11 FOR GUIDANCE IN DEVELOPING SPEC. |

**Task/Abbreviation:** D-64311-2 / SHIPALT MCM1-0160D ACCOMP

**MJC:** DXSAD034

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 27

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-160D"CPO BERTHING MODIFICATION" WHICH REPLACES A TWO HIGH CPO BERTH WITH A THREE HIGH CPO BERTH. |

**Task/Abbreviation:** A-65111-13 / AER MCM1-0701E - ACCOMP

**MJC:** EXTYA607

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00701, SANTIZING SINK DIP/DRAIN BASKT, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00701 WHICH PROVIDES BASKETS FOR SANITIZING FOOD PREPARATION/SERVING UTENSILS IN THE GALLEY. |

**Task/Abbreviation:** D-67111-3 / SHIPALT MCM1-0140D ACCOMP

**MJC:** EXSAD163

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-140D "POTABLE WATER HOSE LOCKER MOD". |

**Task/Abbreviation:** D-67111-4 / SHIPALT MCM1-0142D ACCOMP

**MJC:** EXSAD164

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 7

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TYCOM AUTHORIZED SHIPALT | ACCOMPLISH SHIPALT MCM1-142D "ACID STOWAGE LOCKER". PURPOSE: TO PROVIDE AN ACID STOWAGE LOCKER FOR ACID REQUIRED FOR BATTLE LANTERN BATTERIES. |

**Task/Abbreviation:** D-67111-15 / SHIPALT MCM1-0232D ACCOMP

**MJC:** EXSAD569

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 16,736

**ManDays:** 27

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | SHIPALT MCM1-00232D, MAINT ASSIST MDL (MAM) STOWAGE, NOT ACCOMPLISHED | ACCOMPLISH SHIPALT MCM1-00232D WHICH FABRICATES STORAGE LOCKER AND INSTALLS IN MMR. |

**Task/Abbreviation:** D-67111-16 / SHIPALT MCM1-0216D ACCOMP

**MJC:** EXSAD570

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 504

**ManDays:** 16

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | SHIPALT MCM1-00216D, CALCIUM HYPOCHLORITE LKR RELOC, NOT ACCOMPLISHED | ACCOMPLISH SHIPALT MCM1-00216D WHICH FABRICATES, LABELS, AND INSTALLS STOWAGE LOCKER 17-INCH W X 13-INCH D X 12-INCH H IN PASSAGEWAY 1-63-01-L. LOCKER TO BE LOCATED ON TOP OF THE CBR LOCKER ON MAIN DECK, FRAME 85P. |

**Task/Abbreviation:** A-67111-17 / AER MCM1-0779E - ACCOMP

**MJC:** EXTYA609

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00779, MOD INTERNAL STOWAGE GRID, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00779 WHICH MODIFIES MK 58 MARINE LOCATION MARKER LOCKER LOCATED ON THE 03 LEVEL, FRAME 47, CENTERLINE TO PROVIDE STOWAGE FOR 14 BARE MK 58 MARINE LOCATION MARKERS. |

**Task/Abbreviation:** D-76311-1 / SHIPALT MCM1-0290D ACCOMP

**MJC:** EXSAD572

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 57

**Referenced Authority:**

FMP

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | SHIPALT MCM1-00290D, INCR WEAPON/AMMUNITION STOWAGE, NOT ACCOMPLISHED | ACCOMPLISH SHIPALT MCM1-00290D WHICH IS TO BE ACCOMPLISHED VIA THREE SEPERATE INCREMENTS EACH WITH A UNIQUE SCOPE OF WORK. |

**Task/Abbreviation:** A-76311-2 / AER MCM1-0717E - ACCOMP

**MJC:** EXTYA611

**Rev Date:** 03/07/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FLEET REQUIREMENT

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | AER MCM1-00717, AIR TEST FITTING CAP, NOT ACCOMPLISHED | ACCOMPLISH AER MCM1-00717 WHICH INSTALLS AN ADDITIONAL CAP ON THE INSIDE OF THE AIR TEST FITTINGS FOR THE EXPLOSIVE DESTRUCTOR MAGAZINE (01-82-1-M) AND THE SMALL ARMS MAGAZINE (02-82-0-M). |

**Task/Abbreviation:** R-81311-1 / ADV PLNG SVCE (TYC) - PROV

**MJC:** EXSYR006

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 0

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 0

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | ADVANCE PLANNING SERVICES ARE REQUIRED TO SUPPORT THE AVAILABILITY. | PROVIDE THE FOLLOWING ADVANCE PLANNING SERVICES AS AUTHORIZED IN SUPPORT OF TYCOM FUNDED REPAIRS/ALTS: A. PREPARE ADVANCE PLANNING COST ESTIMATES. B. PREPARE WORK SCOPING SHIPCHECKS. C. IDENTIFY AND ORDER TYCOM REPAIR AND SHIPALT ITEM LONG LEAD TIME MATERIAL (LLTM). D. DEVELOP REPAIR AND SHIPALT WORK SPECIFICATIONS. E. PREPARE COST AND SCHEDULE REPORTS. F. DEVELOP MATERIAL REQUIREMENT LISTS (MRL'S). G. DEVELOP DRAWINGS/SKETCHES IN SUPPORT OF REPS/ALTS. H. PREPARE PRELIMINARY WEIGHT AND MOMENT REPORT. I. PREPARE BASIC REPAIR AND PRELIMINARY SHIPALT COST ESTIMATES ALONG WITH FINAL REVIEW ESTIMATES. J. PREPARE TECH DESIGN REVIEW INCLUDING VALIDATION SHIPCHECK OF SHIP INSTALLATION DRAWINGS (SIDS). K. INITIATE/FOLLOW-UP DESIGN DISCREPANCY CORRECTION UTILIZING THE LIAISON ACTION RECORD SYSTEM (LAR). TYCOM PORTION - SRA/PMA ONLY |

**Task/Abbreviation:** R-81311-3 / ADV PLNG SVCE (NSSC) - PROV

**MJC:** EXSYR008

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 0

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 0

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | ADVANCE PLANNING SERVICES ARE REQUIRED TO SUPPORT THE AVAILABILITY. | PROVIDE THE FOLLOWING ADVANCE PLANNING SERVICES IN SUPPORT OF AUTHORIZED TITLE "K" (NAVSEA FUNDED) ALTS: A. PREPARE ADVANCE PLANNING COST ESTIMATES. B. CONDUCT TECH DESIGN REVIEW INCLUDING VALIDATION SHIPCHECK OF GOVERNMENT FURNISHED SID'S. C. IDENTIFY "K"-ALT LONG LEAD TIME MATERIAL (LLTM). D. DEVELOP "K"-ALT WORK SPECIFICATIONS. E. INITIATE/FOLLOW UP DESIGN DISCREPANCY CORRECTION UTILIZING THE LIAISON ACTION RECORD SYSTEM (LAR). F. DEVELOP ENGINEERING DRAWINGS/SKETCHES FOR ALTS. G. PREPARE PRELIMINARY SHIPALT AND FINAL REVIEW COST ESTIMATES. H. PREPARE PRELIMINARY WEIGHT AND MOMENT REPORT. I. PERFORM COST AND OTHER ADMINISTRATIVE AND SCHEDULE REPORTING. NAVSEA PORTION - SRA/PMA ONLY |

**Task/Abbreviation:** R-81311-11 / PROD PLNG SVCE (TYC) - PROV

**MJC:** EXSYR098

**Rev Date:** 07/08/1998

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 0

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 0

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | PLANNING AND ESTIMATING SERVICES ARE REQUIRED DURING THE AVAILABILITY. | PROVIDE THE FOLLOWING PRODUCTION PLANNING AND ESTIMATING, SCHEDULING, AND PROGRESS MONITORING SERVICES IN SUPPORT OF TYCOM FUNDED REPAIRS AND ALTERATIONS, AS AUTHORIZED, DURING THE AVAILABILITY AS FOLLOWS: A. PROCESS WORK SPECS AND DEVELOP PACKAGE TO IDENTIFY PRODUCTION, MANPOWER & DISCIPLINE REQUIREMENTS. B. REVIEW MRL'S. RECOMMEND ALTERNATE MATERIALS AND FABRICATIONS TO RESOLVE PROCUREMENT PROBLEMS. C. MONITOR FABRICATIONS AND PROVIDE TECHNICAL GUIDANCE TO ASSURE CONFORMANCE WITH THE INTENT OF THE SPEC. D. ASSIST IN ADMINISTRATION AND PERFORMANCE OF TESTING AND QUALITY CONTROL. E. SCHEDULE AND MONITOR PRODUCTION AND SUBCONTRACTOR PROGRESS FOR PROGRAMMED SCHEDULE ADHERENCE. F. DEVELOP GROWTH WORK TRANSMITTALS AND NEW WORK SPECS; PLAN, ESTIMATE AND SCHEDULE GROWTH & NEW WORK. TYCOM PORTION - PMA ONLY |

**Task/Abbreviation:** R-81311-12 / PROD PLNG SVCE (NSSC) - PROV

**MJC:** EXSYR099

**Rev Date:** 07/09/1998

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 0

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 0

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | PLANNING AND ESTIMATING SERVICES ARE REQUIRED DURING THE AVAILABILITY. | PROVIDE THE FOLLOWING PRODUCTION PLANNING AND ESTIMATING, SCHEDULING, PROGRESSING MONITORING, ENGINEERING AND TECHNICAL SUPPORT SERVICES IN SUPPORT OF NAVSEA FUNDED ALTERATIONS DURING THE AVAILABILITY AS FOLLOWS: A. PROCESS WORK SPECS AND DEVELOP PACKAGE TO IDENTIFY PRODUCTION, MANPOWER & DISCIPLINE REQUIREMENTS. B. REVIEW MRL'S. RECOMMEND ALTERNATE MATERIALS AND FABRICATIONS TO RESOLVE PROCUREMENT PROBLEMS. C. MONITOR FABRICATIONS AND PROVIDE TECHNICAL GUIDANCE TO ASSURE CONFORMANCE WITH THE INTENT OF THE SPEC. D. ASSIST IN ADMINISTRATION AND PERFORMANCE OF TESTING AND QUALITY CONTROL. E. SCHEDULE AND MONITOR PRODUCTION AND SUBCONTRACTOR PROGRESS FOR PROGRAMMED SCHEDULE ADHERENCE. F. DEVELOP GROWTH WORK TRANSMITTALS AND NEW WORK SPECS; PLAN, ESTIMATE AND SCHEDULE GWTH & NEW WORK. NAVSEA PORTION - PMA ONLY |

**Task/Abbreviation:** R-83711-1 / ANT PHOTOS - PROV

**MJC:** EXSYR018

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 629

**ManDays:** 6

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM-MHC REQUIREME | SERVICES TO UPDATE THE SHIP'S ANTENNA PHOTOS ARE REQUIRED DURING THE AVAILABILITY. | PHOTOGRAPH SHIP'S ANTENNA CONFIGURATION FOR THE PURPOSE OF ANTENNA IDENTIFICATION. USE SUPSHIP JACKSONVILLE DETACHMENT INGLESIDE LOCAL SPEC 837-11-001 FOR GUIDANCE IN DEVELOPING SPEC. |

**Task/Abbreviation:** R-84111-5 / HM&E TSTG (TYC)-MANAGE/ACCOMP **MJC:** EXSYR149 **Rev Date:** 02/22/2000

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 001 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 21 **Equip/Task:** 001 **Matl Cost:** 435 **ManDays:** 85

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | HM&E TESTING SERVICES ARE REQUIRED TO SUPPORT THE AVAILABILITY. | PROVIDE HM&E TEST MANAGEMENT, COORDINATION AND ACCOMPLISHMENT AS FOLLOWS: A. PROVIDE THE SERVICES OF A HM&E TEST MANAGER TO MANAGE AND CONDUCT HM&E TESTING. THE HM&E TEST MANAGER WILL ALSO ASSIST SHIP'S CHIEF ENGINEER IN PREPARING FOR LOA/LOE INSPECTIONS, OTHER KEY EVENTS AND MILESTONES. B. DEVELOP A MANAGEMENT PLAN FOR ACCOMPLISHING PRODUCTION AND FINAL ACCEPTANCE TESTING. C. ACCOMPLISH SHIPYARD RESPONSIBLE HM&E TESTING THAT IS NOT ALREADY INCLUDED IN INDIVIDUAL WORK ITEMS. (1) PROVIDE CALIBRATED TEST EQUIPMENT, DOCUMENTATION AND TEMPORARY SERVICES REQUIRED TO SUPPORT TESTING. (2) ACCOMPLISH REPAIR, ALIGNMENT AND RETESTING RESULTING FROM CONTRACTOR RESPONSIBLE DEFECTS OR CASUALTIES DISCOVERED DURING HM&E INSPECTION/TESTING. (3) PROVIDE ___ MANDAYS AND ___ DOLLARS OF MATERIAL TO CORRECT GOVT RESPONSIBLE DEFECTS OR CASUALTIES DISCOVERED DURING HM&E INSPECTION/TESTING. NOTE: USE SWT 841-01 FOR GUIDANCE IN DEVELOPING SPEC. (TYCOM PORTION) |

**Task/Abbreviation:** R-84111-6 / HM&E TSTG (NSSC)-MANAGE/ACCOMP **MJC:** EXSYR150 **Rev Date:** 02/23/2000

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 001 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 21 **Equip/Task:** 001 **Matl Cost:** 174 **ManDays:** 34

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | HM&E TESTING SERVICES ARE REQUIRED TO SUPPORT THE AVAILABILITY. | PROVIDE HM&E TEST MANAGEMENT, COORDINATION AND ACCOMPLISHMENT AS FOLLOWS: A. PROVIDE THE SERVICES OF A HM&E TEST MANAGER TO MANAGE AND CONDUCT HM&E TESTING. THE HM&E TEST MANAGER WILL ALSO ASSIST SHIP'S CHIEF ENGINEER IN PREPARING FOR LOA/LOE INSPECTIONS, OTHER KEY EVENTS AND MILESTONES. B. DEVELOP A MANAGEMENT PLAN FOR ACCOMPLISHING PRODUCTION AND FINAL ACCEPTANCE TESTING. C. ACCOMPLISH SHIPYARD RESPONSIBLE HM&E TESTING THAT IS NOT ALREADY INCLUDED IN INDIVIDUAL WORK ITEMS. (1) PROVIDE CALIBRATED TEST EQUIPMENT, DOCUMENTATION AND TEMPORARY SERVICES REQUIRED TO SUPPORT TESTING. (2) ACCOMPLISH REPAIR, ALIGNMENT AND RETESTING RESULTING FROM CONTRACTOR RESPONSIBLE DEFECTS OR CASUALTIES DISCOVERED DURING HM&E INSPECTION/TESTING. (3) PROVIDE ___ MANDAYS AND ___ DOLLARS OF MATERIAL TO CORRECT GOVT RESPONSIBLE DEFECTS OR CASUALTIES DISCOVERED DURING HM&E INSPECTION/TESTING. NOTE: USE SWT 841-01 FOR GUIDANCE IN DEVELOPING SPEC. (NAVSEA PORTION) |

**Task/Abbreviation:** R-85711-5 / TEMP BERTHING - PROV

**MJC:** EXSYR090

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 157,507

**ManDays:** 353

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM-MHC REQUIREME | TEMPORARY OFF-SHIP BERTHING FACILITIES FOR SHIP'S FORCE PERSONNEL ARE REQUIRED DURING THE AVAILABILITY. | PROVIDE TEMPORARY OFF-SHIP BERTHING FACILITIES IN ACCORDANCE WITH SSJAXDI LOCAL SPEC 857-20-002 FOR OFFICERS AND ENLISTED PERSONNEL. |

**Task/Abbreviation:** R-85711-6 / GALLEY AND MESSING FACIL -PROV

**MJC:** EXSYR091

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 001

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 001

**Matl Cost:** 58,773

**ManDays:** 175

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM-MHC REQUIREME | TEMPORARY OFF-SHIP GALLEY AND MESSING FACILITIES FOR SHIP'S FORCE PERSONNEL ARE REQUIRED DURING THE AVAILABILITY. | PROVIDE TEMPORARY OFF-SHIP GALLEY AND MESSING FACILITIES FOR OFFICERS AND ENLISTED PERSONNEL IN ACCORDANCE WITH SSJAXDI LOCAL SPEC 857-20-003. |

**Task/Abbreviation:** R-85711-7 / DUTY SECT BERTHING - PROV

**MJC:** EXSYR092

**Rev Date:**

**Std Template:**

**Sit Reqs:** PMA

**Priority:** Highly Desirable

**Qty:** 001

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 001

**Matl Cost:** 11,094

**ManDays:** 102

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM-MHC REQUIREME | TEMPORARY DUTY SECTION OFF-SHIP BERTHING FACILITIES ARE REQUIRED DURING THE AVAILABILITY. | PROVIDE TEMPORARY DUTY SECTION OFF-SHIP BERTHING IN ACCORDANCE WITH SSJAXDI LOCAL SPEC 857-20-001FOR THE PHASE MAINTENANCE AVAILABILITY ( PMA). |

**Task/Abbreviation:** R-85711-12 / DUTY SECT BERTH DD PT - PROV

**MJC:** EXSYR168 **Rev Date:** 02/24/2003

**Std Template:** **Sit Reqs:** D/D **Priority:** Highly Desirable **Qty:** 1 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 8,000 **ManDays:** 42

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TEMPORARY DUTY SECTION OFF-SHIP BERTHING FACILITIES ARE REQUIRED FOR THE DRYDOCK PORTION OF THE DPMA. | PROVIDE TEMPORARY DUTY SECTION OFF-SHIP BERTHING FOR THE DRYDOCK PORTION OF THE DPMA IN ACCORDANCE WITH SSJAXDI LOCAL WORK ITEM 857-20-001. |

**Task/Abbreviation:** R-85711-13 / DUTY SECT BERTH RPR PT - PROV

**MJC:** EXSYR169

**Rev Date:** 02/24/2003

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 4,000

**ManDays:** 21

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TEMPORARY DUTY SECTION OFF-SHIP BERTHING FACILITIES ARE REQUIRED FOR THE REPAIR PORTION OF THE DPMA. | PROVIDE TEMPORARY DUTY SECTION OFF-SHIP BERTHING FOR THE REPAIR PORTION OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA) IN ACCORDANCE WITH SSJAXDI LOCAL WORK ITEM 857-20-001. |

**Task/Abbreviation:** R-89711-2 / AVLBL PROGRAM MGT (TYC) - PROV

**MJC:** EXSYR051

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 0

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 0

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | SERVICES TO PROVIDE PROGRAM MANAGEMENT DURING THE AVAILABILITY ARE REQUIRED. | PROVIDE PROGRAM MANAGEMENT FOR FUNDED REPAIRS AND ALTS DURING THE AVAIL. THIS COVERS SPECIFIED EFFORTS OF THE PROGRAM MANAGER AND PROJ COORDINATORS AND/OR PROJ ENGINEERS IN MANAGEMENT OF THE AVAIL. SPECIFIC RESPONSIBILITIES ARE AS FOLLOWS: A. ACT AS PRINCIPAL POINT OF CONTACT. B. ACT AS PRINCIPAL INTERFACE WITH THE NSA ON DAY-TO-DAY MATTERS PERTAINING TO THE EXECUTION OF THE AVAIL. C. COORDINATE AVAIL MATTERS AMONG ORGANIZATIONAL ENTITIES. D. CONDUCT PROGRESS REVIEWS. E. PREPARE COST AND SCHEDULE STATUS REPORTS REQUIRED BY THE GOVERNMENT. F. COORDINATE DEVELOPMENT OF WORK SPECIFICATION ITEMS AND NEW WORK SPECIFICATIONS. G. COORDINATE SUBMISSION OF REPORTS SPECIFIED BY THE NAVAL SUPERVISING ACTIVITY IN A TIMELY MANNER. H. ACT AS FOCAL POINT FOR OTHER GOVERNMENT AGENCIES ON DAY-TO-DAY MATTERS. TYCOM PORTION - SRA/PMA ONLY |

**Task/Abbreviation:** R-89711-5 / AVLBL PROGRAM MGT (NSSC) -PROV **MJC:** EXSYR054 **Rev Date:**

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 0 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 21 **Equip/Task:** 0 **Matl Cost:** **ManDays:** 0

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | SERVICES TO PROVIDE PROGRAM MANAGEMENT DURING THE AVAILABILITY ARE REQUIRED. | PROVIDE PROGRAM MANAGEMENT FOR FUNDED REPAIRS AND ALTS DURING AVAIL. THIS COVERS SPECIFIED EFFORTS OF THE PROGRAM MANAGER AND PROJECT COORDINATORS AND/OR PROJECT ENGINEERS IN MANAGEMENT OF THE AVAIL. SPECIFIC RESPONSIBILITIES ARE AS FOLLOWS: A. ACT AS PRINCIPAL POINT OF CONTACT. B. ACT AS PRINCIPAL INTERFACE WITH THE NAV SUP ACTIVITY ON DAY-TO-DAY MATTERS PERTAINING TO THE EXECUTION OF THE AVAIL. C. COORDINATE AVAIL MATTERS AMONG ORGANIZATIONAL ENTITIES. D. CONDUCT PROGRESS REVIEWS. E. PREPARE COST AND SCHEDULE STATUS REPORTS REQUIRED BY THE GOVERMENT. F. COORDINATE DEVELOPMENT OF WORK SPECIFICATION ITEMS AND NEW WORK SPECIFICATIONS. G. COORDINATE SUBMISSION OF REPORTS SPECIFIED BY THE NAVAL SUPERVISING ACTIVITY IN A TIMELY MANNER. H. ACT AS FOCAL POINT FOR OTHER GOVERMENT AGENCIES ON DAY-TO-DAY MATTERS. NAVSEA PORTION - SRA/PMA ONLY |

**Task/Abbreviation:** R-89711-9 / AVLBL DATA - PROV

**MJC:** EXSYR109

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 001

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 001

**Matl Cost:** 68

**ManDays:** 5

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | COPIES OF AVAILABILITY RELATED DATA SHOULD BE PROVIDED TO THE SHIP AND THE PORT ENGINEER. | PROVIDE SHIP AND PORT ENGINEER WITH COPIES OF JOB ORDERS, TEST AND INSPECTION REPORT, CONDITION REPORTS, LAB REPORTS, MAINTENANCE, REPAIRS, REPLACEMENT, CHANGES, DRAWINGS AND MATERIAL ORDERS, ETC., WHICH HAVE BEEN ACCOMPLISHED BY THE SHIPYARD/CONTRACTOR DURING THE AVAILABILITY. |

**Task/Abbreviation:** R-98011-1 / SF - ASSIST

**MJC:** EXSYR055

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 001

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 001

**Matl Cost:** 4,290

**ManDays:** 74

**Referenced Authority:**

**Reason:**

BASELINE

**Problem Description:**

SERVICES TO PROVIDE INDUSTRIAL ASSISTANCE IN SUPPORT OF SHIP'S FORCE WORK ARE REQUIRED.

**Recommended Solution:**

ASSIST SHIPS FORCE (ASF): PROVIDE INDUSTRIAL ASSISTANCE IN SUPPORT OF SHIP'S FORCE WORK LIMITED BY FUNDS AUTHORIZED. ASSISTANCE TO BE PROVIDED ONLY WHEN REQUESTED BY THE COMMANDING OFFICER AND AUTHORIZED BY THE NAVAL SUPERVISING ACTIVITY. PROVIDE (__) MANDAYS AND ($_____) MATERIAL.

**Task/Abbreviation:** R-98011-2 / GOVT REPS - ASSIST

**MJC:** EXSYR056

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 001

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 001

**Matl Cost:** 4,640

**ManDays:** 14

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | SERVICES TO PROVIDE INDUSTRIAL ASSISTANCE IN SUPPORT OF WORK BY GOVERNMENT REPRESENTATIVES ARE REQUIRED. | PROVIDE INDUSTRIAL ASSISTANCE IN SUPPORT OF GOVERNMENT REPRESENTATIVES TO THE LIMIT OF FUNDS AUTHORIZED. ASSISTANCE TO BE PROVIDED AS AUTHORIZED BY THE NAVAL SUPERVISING ACTIVITY. PROVIDE (__) MANDAYS AND ($____) MATERIAL. NOTE 1: THIS ITEM REQUIRED TO SUPPORT THIRD PARTY ALTERATIONS/REPAIRS. NOTE 2: FOR INDUSTRIAL ASSISTANCE TO ALTERATION INSTALLATION TEAM (AIT), USE APPLICABLE PORTIONS OF SWT 980-01 FOR GUIDANCE IN DEVELOPING SPEC. |

**Task/Abbreviation:** R-98011-3 / HAB SELF-HELP PROJ - SPRT

**MJC:** EXSYR057

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 001

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 001

**Matl Cost:** 850

**ManDays:** 31

**Referenced Authority:**

**Reason:**

BASELINE

**Problem Description:**

SERVICES TO PROVIDE INDUSTRIAL ASSISTANCE TO SUPPORT THE SELF-HELP HABITABILITY IMPROVEMENT PROJECT ARE REQUIRED.

**Recommended Solution:**

ACCOMPLISH THE FOLLOWING IN SUPPORT OF SELF-HELP HABITABILITY IMPROVEMENT PROJECT: A. PROVIDE (__) SQ. FT. OF SECURE STORAGE SPACE. B. TEST AND REMOVE HAZARDOUS MATERIAL (ASBESTOS, LEAD BASED AND ZINC CHROMATE PAINTS, PCB GASKETS, ETC.) IN AREAS AFFECTED BY THE SELF-HELP HABITABILITY IMPROVEMENT PROJECT. C. PROVIDE AUTHORIZED DESIGNATED TRADE SUPPORT. NOTE: STORAGE, TRANSPORT AND DISPOSAL OF HAZARDOUS WASTE MATERIAL IS COVERED UNDER TASK R-99211-02.

**Task/Abbreviation:** R-98011-4 / LIGHT-OFF ASSISTANCE - PROV

**MJC:** EXSYR058

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 001

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 001

**Matl Cost:** 5,841

**ManDays:** 64

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | SERVICES TO PROVIDE LIGHT-OFF ASSISTANCE IN SUPPORT OF SHIP'S FORCE WORK ARE REQUIRED. | PROVIDE LIGHT-OFF ASSISTANCE IN SUPPORT OF SHIP'S FORCE LIMITED BY FUNDS AUTHORIZED. ASSISTANCE TO BE PROVIDED AS AUTHORIZED BY THE NAVAL SUPERVISING ACTIVITY. PROVIDE (__) MANDAYS AND ($_____) MATERIAL. NOTE: FOR LOA, THIS TASK IS NOT TO BE INCLUDED IN WORK PACKAGES FOR COMNAVSURFPAC STANDARD NINE-WEEK AVAILABILITIES. |

**Task/Abbreviation:** R-98011-5 / OMPC ASSIST - PROV

**MJC:** EXSYR180

**Rev Date:** 03/04/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Tech Support Unit

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 3,000

**ManDays:** 88

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | ON-SITE MAINTENANCE PROCESS COORDINATION (OMPC) TO SUPPORT SHIP'S FORCE MAINTENANCE EFFORTS IS REQUIRED DURING CNO AVAILABILITY. | ACCOMPLISH ON-SITE MAINTENANCE PROCESS COORDINATION (OMPC) PROGRAM TO SUPPORT SHIP'S FORCE MAINTENANCE EFFORTS WITH TECHNICAL EXPERTISE, MATERIALS, SPECIAL TOOLS, SPECIALIZED TRADE LABOR, AND HANDS-ON ASSISTANCE DURING CNO AVAILABILITY. OMPC TO INCLUDE: A) REVIEW CSMP WITH S/F TO IDENTIFY JOBS REQUIRING OMPC ASSIST; B) IDENTIFY AND ARRANGE FOR MATL, SERVICES, SPECIAL TOOLS, REQUIRED SKILLS, ETC. C) ASSIST S/F IN ACCOMPLISHING REQUIRED REPAIRS; D) ASSIST S/F TO ACCOMPLISH REQUIRED OPERATIONAL AND/OR WEIGHT TESTING; E) PROVIDE TECHNICAL INFO, ASSISTANCE, AND GUIDANCE TO PERFORMING CONTRACTORS AS DIRECTED BY PORT ENGINEER; F) AT AVAILABILITY END, ASSIST S/F IN OPERATIONAL TESTING, ADJUSTMENT, AND GROOMING OF H, M, AND E SYSTEMS. NOTE: SCREEN TO NSWC-CD SSES CODE 9733; POC IS BYRON WALKER, PHONE 757-312-0542, EXT. 31. |

**Task/Abbreviation:** R-98221-4 / LOA DEFIC CORR FUNDS - PROV

**MJC:** EXECR003

**Rev Date:** 06/09/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 001

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 001

**Matl Cost:** 2,733

**ManDays:** 48

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | DEFICIENCIES IDENTIFIED DURING LIGHT-OFF ASSESMENT (LOA) REQUIRE CORRECTION. | PROVIDE ___ MANDAYS OF LABOR AND $____ MATERIAL TO CORRECT GOVERNMENT RESPONSIBLE DEFICIENCIES IDENTIFIED DURING LIGHT-OFF ASSESMENT (LOA). NOTE: USE APPLICABLE PORTIONS OF SWT 982-02 AND SWT 982-10 FOR GUIDANCE IN DEVELOPING A SPEC. |

**Task/Abbreviation:** R-98221-5 / SF LOA DEFIC CORR FUNDS - PROV **MJC:** EXECR004 **Rev Date:** 06/09/2000

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 001 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 21 **Equip/Task:** 001 **Matl Cost:** 2,733 **ManDays:** 48

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | DEFICIENCIES IDENTIFIED DURING LIGHT-OFF ASSESMENT (LOA) REQUIRE CORRECTION. | PROVIDE ___ MANDAYS OF LABOR AND $____ MATERIAL TO CORRECT SHIP'S FORCE RESPONSIBLE DEFICIENCIES IDENTIFIED DURING LIGHT-OFF ASSESMENT (LOA). |

**Task/Abbreviation:** R-98231-1 / FAST CRUIS,DOCK/SEA TRIAL-SPRT **MJC:** EXSYR070 **Rev Date:**

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 001 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 21 **Equip/Task:** 001 **Matl Cost:** 3,847 **ManDays:** 59

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | INDUSTRIAL SUPPORT FOR DOCK TRIALS, FAST CRUISE AND SEA TRIALS IS REQUIRED. | PROVIDE SUPPORT FOR DOCK TRIALS, FAST CRUISE AND SEA TRIALS AS FOLLOWS: A. DOCK TRIALS - ASSIST IN SECURING THE SHIP TO PIER AND STAND-BY DOCK TRIALS TO MAKE REPAIRS AND ADJUSTMENTS NECESSARY FOR OPERATION OF CONTRACTOR-REPAIRED EQUIPMENT. DISCONNECT SERVICES AND REMOVE BROWS AS DIRECTED BY THE NAVAL SUPERVISING ACTIVITY. B. FAST CRUISE - DISCONNECT ALL SERVICES AND BROWS FOR A ( ) HOUR PERIOD PRIOR TO SEA TRIALS. WORK WILL BE ALLOWED DURING THIS PERIOD ONLY AS AUTHORIZED BY THE NAVAL SUPERVISING ACTIVITY. C. POST REPAIR SEA TRIALS - PROVIDE ( ) PERSONNEL AND ACCOMPANY THE SHIP ON A ( ) DAY SEA TRIAL. NOTE: USE SWT 982-50 FOR GUIDANCE IN DEVELOPING SPEC. |

**Task/Abbreviation:** R-98241-1 / DISCREP FROM TRIALS - CORR

**MJC:** EXSYR071

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 001

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 001

**Matl Cost:** 3,135

**ManDays:** 41

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | PRE-TRIAL DICSCREPANCIES REQUIRE CORRECTION. | CORRECT MINOR DISCREPANCIES WHICH RESULT FROM PRE-TRIAL MACHINERY OPERATIONAL TESTING AND TRIALS. PROVIDE (__) MANDAYS AND ($____) FOR MATERIAL. NOTE: TYCOM TO PROVIDE FUNDING LIMIT |

**Task/Abbreviation:** R-99112-1 / STAGING FOR SF WORK - PROV

**MJC:** EXSYR113

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 001

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 001

**Matl Cost:** 5,188

**ManDays:** 58

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | STAGING IS REQUIRED TO SUPPORT SHIP'S FORCE WORK ON THE MAST, SUPERSTRUCTURE AND OTHER AREAS. | PROVIDE SERVICES FOR INSTALLING, MAINTAINING AND REMOVING STAGING AND SCAFFOLDING FOR WORK PERFORMED BY SHIP'S FORCE ON THE MAST, INCLUDING PLATFORMS AND YARDARMS, SUPERSTRUCTURE AND OTHER AREAS, AS REQUIRED. NOTE: USE SWT 991-01 FOR GUIDANCE IN DEVELOPING SPEC. |

**Task/Abbreviation:** R-99211-1 / TEMP SVCE - PROV

**MJC:** EXSYR079

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 001

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 001

**Matl Cost:** 97,443

**ManDays:** 230

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM-MHC REQUIREME | TEMPORARY SERVICES ARE REQUIRED DURING THE PHASED MAINTENANCE AVAILABILITY (PMA). | PROVIDE TEMPORARY SERVICES IN ACCORDANCE WITH SSJAXDI LOCAL SPEC 992-11-001 FOR THE SHIP'S ENTIRE PMA. REMOVE TEMPORARY SERVICE EQUIPMENT UPON COMPLETION OF SHIP'S AVAILABILITY, FOR SHIP'S MOVEMENTS AND TRIALS, OR WHEN DIRECTED BY THE SUPERVISOR. |

**Task/Abbreviation:** R-99211-2 / HAZ WSTE HDLG - ACCOMP

**MJC:** EXSYR080

**Rev Date:** 07/12/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 001

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 001

**Matl Cost:** 14,717

**ManDays:** 33

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM/MHC REQUIREME | SERVICES FOR HANDLING AND DISPOSAL OF HAZARDOUS WASTE DURING THE AVAILABILITY ARE REQUIRED. | REMOVE, HANDLE, STORE, TRANSPORT AND DISPOSE OF HAZARDOUS WASTE PRODUCED BY GOVERNMENT AND CONTRACTOR PERSONNEL FOR THE SHIP'S ENTIRE PHASED MAINTENANCE AVAILABILITY (PMA) IN ACCORDANCE WITH SSRAC STANDARD WORK TEMPLATE (SWT) 077-01. |

**Task/Abbreviation:** R-99211-4 / SHIP - DEFUEL

**MJC:** EXSYR083

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 001

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 001

**Matl Cost:** 1,568

**ManDays:** 36

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | OFF-LOAD AND TESTING OF PETROLEUM FUELS AND LUBRICANTS IS REQUIRED. | DEFUEL SHIP - OFF-LOAD PETROLEUM FUELS AND LUBRICANTS FROM THE SHIP'S TANKS IN THE FOLLOWING APPROXIMATE AMOUNTS. SAMPLE AND ANALYZE PRIOR TO OFF-LOAD. DISTILLATE FUEL (MARINE) - ( ) GAL. JP-5 - ( ) GAL. LUBRICATING OIL - ( ) GAL. CONTAMINATED SEAWATER - ( ) GAL. NOTE: USE APPLICABLE PORTIONS OF SWT 992-31 FOR GUIDANCE IN DEVELOPING SPEC. |

**Task/Abbreviation:** R-99211-5 / SHIP - REFUEL ASSIST

**MJC:** EXSYR084 **Rev Date:** 01/09/2003

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 001 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 21 **Equip/Task:** 001 **Matl Cost:** 3,144 **ManDays:** 37

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | SERVICES TO REFUEL THE SHIP ARE REQUIRED. | REFUEL SHIP - ACCOMPLISH THE FOLLOWING: A. PROVIDE TWO (2) DAYS SERVICES TO REFUEL DISTILLATE FUEL, JP-5 AND LUBRICATING OIL. B. PROVIDE SERVICES TO TRANSPORT AND RETURN FUEL OIL BARGE TO AND FROM CONTRACTOR'S FACILITY. NOTE: 1. FOR SHIPS WITH UNCOMPENSATED FUEL OIL STORAGE TANKS, NO TANK SHOULD BE FILLED BEYOND 95 PERCENT CAPACITY. 2. FOR SHIPS WITH COMPENSATED FUEL OIL STORAGE TANKS, DO NOT FILL THE LAST TANK IN A BANK BEYOND 85 PERCENT FULL WHEN IN-PORT OR BEYOND 95 PERCENT FULL WHEN AT SEA. |

**Task/Abbreviation:** R-99211-18 / TEMP A/C - PROV

**MJC:** EXSYR162

**Rev Date:** 11/30/2001

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 2,650

**ManDays:** 20

**Referenced Authority:**

**Reason:**

BASELINE

**Problem Description:**

VARIOUS ELECTRONICS/ELECTRICAL SPACES AND OFFICE SPACES REQUIRE TEMPORARY AIR CONDITIONING SERVICE DURING THE AVAILABILITY TO SUPPORT SHIP'S FORCE ADMINISTRATIVE WORK, ADP AND SHIP'S COMMUNICATIONS.

**Recommended Solution:**

PROVIDE, INSTALL AND MAINTAIN TEMPORARY AIR CONDITIONING FOR VARIOUS ELECTRONICS/ELECTRICAL SPACES AND OFFICE SPACES AS DESIGNATED. DISCONNECT AND REMOVE TEMPORARY AIR CONDITIONING WHEN DIRECTED BY THE NAVAL SUPERVISING ACTIVITY. NOTE 1: KEY SPACES THAT REQUIRE TEMPORARY AIR CONDITIONING DURING THE AVAILABILITY ARE TO BE IDENTIFIED BY SHIP'S FORCE NO LATER THAN THE WORK PACKAGE INTEGRATION CONFERENCE (WPIC). NOTE 2: TYPICAL SPACES THAT MAY REQUIRE TEMPORARY AIR CONDITIONING INCLUDE :(1) SNAP/ADP ROOM/LAN OFFICE, (2) DC CENTRAL/CENTRAL CONTROL STATION, (3) COMM CENTER/RADIO CENTRAL/RADIO ROOM, (4) IC/GYRO ROOM (5) CENTRAL OFFICE COMPLEX.

**Task/Abbreviation:** R-99211-20 / TEMP SVCE DPMA DD PT - PROV **MJC:** EXSYR170 **Rev Date:** 02/27/2003

**Std Template:** **Sit Reqs:** D/D **Priority:** Highly Desirable **Qty:** 1 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 35,220 **ManDays:** 42

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TEMPORARY SERVICES ARE REQUIRED DURING THE DOCKING PORTION OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA). | PROVIDE TEMPORARY SERVICES DURING THE DOCKING PORTION OF THE DPMA IN ACCORDANCE WITH SSJAXDI LOCAL SPEC 992-11-001. REMOVE TEMPORARY SERVICE EQUIPMENT UPON COMPLETION OF SHIP'S AVAILABILITY, FOR SHIP'S MOVEMENTS AND TRIALS, OR WHEN DIRECTED BY THE SUPERVISOR. |

**Task/Abbreviation:** R-99211-21 / TEMP SVCE DPMA RPR PT - PROV

**MJC:** EXSYR171

**Rev Date:** 02/27/2003

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 17,610

**ManDays:** 21

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TEMPORARY SERVICES ARE REQUIRED DURING THE REPAIR PORTION OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA). | PROVIDE TEMPORARY SERVICES DURING THE REPAIR PORTION OF THE DPMA IN ACCORDANCE WITH SSJAXDI LOCAL SPEC 992-11-001. REMOVE TEMPORARY SERVICE EQUIPMENT UPON COMPLETION OF SHIP'S AVAILABILITY, FOR SHIP'S MOVEMENTS AND TRIALS, OR WHEN DIRECTED BY THE SUPERVISOR. |

**Task/Abbreviation:** R-99211-22 / BOTTLE WTR - PROV

**MJC:** EXSYR176

**Rev Date:** 07/12/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** X

**Matl Cost:** 1,800

**ManDays:** 0

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TEMPORARY POTABLE BOTTLED WATER STATIONS STATIONS ARE REQUIRED FOR SHIP'S FORCE USE DURING THE AVAILABILITY. | PROVIDE AND MAINTAIN _____ EACH, 5 GALLON, TEMPORARY POTABLE BOTTLE WATER STATIONS FOR SHIP'S FORCE USE DURING THE AVAILABILITY. |

**Task/Abbreviation:** R-99211-23 / HAZ WSTE HDLG DPMA DD PT- PROV **MJC:** EXSYR177 **Rev Date:** 07/12/2004

**Std Template:** **Sit Reqs:** D/D **Priority:** Highly Desirable **Qty:** 1 **Matl Forecast:**

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 800 **ManDays:** 17

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | SERVICES FOR HANDLING AND DISPOSAL OF HAZARDOUS WASTE PERSONNEL FOR THE DOCKING PART OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA) ARE REQUIRED. | REMOVE, HANDLE, STORE, TRANSPORT AND DISPOSE OF HAZARDOUS WASTE PRODUCED BY GOVERNMENT AND CONTRACTOR PERSONNEL FOR THE DOCKING PART OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA) IN ACCORDANCE WITH SSRAC STANDARD WORK TEMPLATE (SWT) 077-01. |

**Task/Abbreviation:** R-99211-24 / HAZ WSTE HDLG DPMA RPR PT-PROV **MJC:** EXSYR178 **Rev Date:** 07/12/2004

**Std Template:** **Sit Reqs:** D/D **Priority:** Highly Desirable **Qty:** 1 **Matl Forecast:**

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 800 **ManDays:** 17

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | SERVICES FOR HANDLING AND DISPOSAL OF HAZARDOUS WASTE PERSONNEL FOR THE REPAIR PART OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA) ARE REQUIRED. | REMOVE, HANDLE, STORE, TRANSPORT AND DISPOSE OF HAZARDOUS WASTE PRODUCED BY GOVERNMENT AND CONTRACTOR PERSONNEL FOR THE REPAIR PART OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA) IN ACCORDANCE WITH SSRAC STANDARD WORK TEMPLATE (SWT) 077-01. |

**Task/Abbreviation:** R-99211-25 / EMER EYE WASH STATION - PROV

**MJC:** EXSYR179

**Rev Date:** 07/16/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 1,320

**ManDays:** 14

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | TEMPORARY EMERGENCY EYE WASH STATIONS ARE REQUIRED DURING THE AVAILABILITY. | PROVIDE AND MAINTAIN FOUR EACH TEMPORARY EMERGENCY EYE WASH STATIONS MEETING THE REQUIREMENTS OF AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) 358.1-1998 DURING THE AVAILABILITY. |

**Task/Abbreviation:** R-99221-1 / SM BOAT WORK AREA - PROV

**MJC:** EXSYR102

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 001

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 001

**Matl Cost:** 3,988

**ManDays:** 26

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | A COVERED SMALL BOAT WORK AREA FOR USE BY SHIP'S FORCE DURING THE AVAILABILITY IS REQUIRED. | PROVIDE A COVERED SMALL BOAT WORK AREA WITH CRADLES SUFFICIENT FOR _____ BOATS FOR SHIP'S FORCE USE WITH A MINIMUM OF ____ SQUARE FEET WITH 100 PSI AIR AND 115 VOLTS AC SERVICE |

**Task/Abbreviation:** R-99221-6 / INDUSTRIAL HYGIENIST SVCE-PROV **MJC:** EXSYR137 **Rev Date:** 11/05/1998

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 001 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 21 **Equip/Task:** 001 **Matl Cost:** 100 **ManDays:** 5

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | SERVICE OF AN INDUSTRIAL HYGIENIST DURING THE AVAILABILITY IS REQUIRED. | INDUSTRIAL HYGIENIST - PROVIDE THE SERVICES OF AN INDUSTRIAL HYGIENIST AS REQUIRED DURING THE AVAILABILITY TO DETERMINE THE CONTENT OF PAINT AND OTHER MATERIAL SAMPLES, INCLUDING SAMPLES SUBMITTED BY SHIP'S FORCE. |

**Task/Abbreviation:** R-99221-7 / TOWING PMA - ACCOMP

**MJC:** EXSYR138

**Rev Date:** 07/16/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 20,000

**ManDays:** 2

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | SERVICES TO TOW THE SHIP DURING THE PHASED MAINTENANCE AVAILABILITY (PMA) ARE REQUIRED. | PROVIDE TUGS AND LICENSED MARINE PILOT SERVICES TO SURVEY, PREPARE AND TOW SHIP FROM NAVAL STATION TO CONTRACTOR'S PLANT AND RETURN SHIP TO NAVAL STATION WHEN DIRECTED BY SUPERVISOR FOR THE SHIP'S ENTIRE PHASED MAINTENANCE AVAILABILITY (PMA). |

**Task/Abbreviation:** R-99221-8 / SM BOAT STOR AREA - PROV

**MJC:** EXSYR152

**Rev Date:** 03/06/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 001

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 001

**Matl Cost:** 1,333

**ManDays:** 17

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | THE SHIP'S SMALL BOATS MUST BE STORED PIERSIDE DURING THE AVAILABILITY. | PROVIDE SMALL BOAT CRADLES AND PROTECTIVE COVERING ON THE PIER FOR _____ BOATS. REMOVE BOATS FROM THE SHIP, PLACE ON CRADLES AND REINSTALL ON THE SHIP AS DIRECTED BY THE SUPERVISOR. NOTE: USE SWT 992-21 FOR GUIDANCE IN DEVELOPING SPEC. |

**Task/Abbreviation:** R-99221-9 / T-1 LINE - PROV

**MJC:** EXSYR151

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 21

**Equip/Task:** 1

**Matl Cost:** 560

**ManDays:** 8

**Referenced Authority:**

**Reason:**

BASELINE

**Problem Description:**

A DEDICATED T-1 LINE CONNECTION IS NEEDED TO PROVIDE NIPRNET AND SIPRNET SERVICE FOR SHIPS IN AN AVAILABILITY AT A COMMERCIAL SHIPYARD.

**Recommended Solution:**

PROVIDE A DEDICATED T-1 LINE CONNECTION FOR NIPRNET AND SIPRNET SERVICE TO THE SHIP ON A CONTINUOUS BASIS, 24 HOURS PER DAY, DURING THE ENTIRE AVAILABILITY. CONDUCT AN INITIAL TEST OF THE T-1 CIRCUIT TO ENSURE THAT IT IS CAPABLE OF SUPPORTING COMMUNICATIONS TRAFFIC. NOTE 1: IF THE SHIP WILL BE MOORED AT MORE THAN ONE LOCATION/FACILITY DURING THE AVAILABILITY, PROVIDE A T-1 LINE CONNECTION AT EACH LOCATION/FACILITY. NOTE 2: THIS TASK IS ONLY APPLICABLE TO PRIVATE SECTOR AVAILABILITIES AT A COMMERCIAL SHIPYARD.

**Task/Abbreviation:** R-99221-10 / SEMAT ASSESS TEAM SPRT - PROV **MJC:** EXSYR160 **Rev Date:** 11/30/2001

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 1 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 21 **Equip/Task:** 1 **Matl Cost:** 800 **ManDays:** 28

**Referenced Authority:**

LANT N432A4 LTR OF 6/18/01

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | COMNAVSURFLANT REQUIRES TANK AND VOID ASSESSMENTS BE CONDUCTED BY SUPSHIP WHEN TANKS AND VOIDS ARE OPENED AS PART OF OTHER WORK ITEMS DURING THE DEPOT AVAILABILITY. | PROVIDE SEMAT ASSESSMENT TEAM SUPPORT AS FOLLOWS: (A) WITHIN 15 DAYS AFTER CONTRACT AWARD, PROVIDE A LIST OF ALL TANKS, VOIDS, COFFERDAMS AND CONFINED SPACES BEING OPENED AND CERTIFIED BY THE CONTRACTOR/NAVAL SHIPYARD AS PART OF OTHER WORK ITEMS IN THE JOB ORDER. (B) PROVIDE AN UPDATED LIST AS CHANGES OCCUR. (C) PROVIDE ___ MANDAYS OF LABOR AND ____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL GAS-FREE SUPPORT FOR THE SEMAT ASSESSMENT TEAM NOT PREVIOUSLY IDENTIFIED. (D) NOTIFY THE SUPERVISOR AT LEAST 72 HOURS PRIOR TO ACCOMPLISHING FINAL INSPECTION OF EACH SPACE PRIOR TO FINAL CLOSING. NOTE: USE SWT 992-50 FOR GUIDANCE IN DEVELOPING SPEC. |

**Task/Abbreviation:** R-99221-11 / TOWING DPMA DD PT - ACCOMP

**MJC:** EXTYA802

**Rev Date:** 07/12/2004

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 1

**Matl Cost:** 20,000

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | SERVICES TO TOW THE SHIP FOR THE DOCKING PART OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA) ARE REQUIRED. | PROVIDE TUGS AND LICENSED MARINE PILOT SERVICES TO SURVEY, PREPARE AND TOW SHIP FROM NAVAL STATION TO CONTRACTOR'S PLANT AND RETURN SHIP TO NAVAL STATION WHEN DIRECTED BY SUPERVISOR FOR THE DOCKING PART OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA). |

**Task/Abbreviation:** R-99221-12 / TOWING DPMA RPR PT - ACCOMP **MJC:** EXTYA803 **Rev Date:** 07/12/2004

**Std Template:** **Sit Reqs:** D/D **Priority:** Highly Desirable **Qty:** 1 **Matl Forecast:**

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 1 **Matl Cost:** 20,000 **ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | SERVICES TO TOW THE SHIP FOR THE REPAIR PART OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA) ARE REQUIRED. | PROVIDE TUGS AND LICENSED MARINE PILOT SERVICES TO SURVEY, PREPARE AND TOW SHIP FROM NAVAL STATION TO CONTRACTOR'S PLANT AND RETURN SHIP TO NAVAL STATION WHEN DIRECTED BY SUPERVISOR FOR THE REPAIR PART OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA). |

**Task/Abbreviation:** R-99231-1 / GAS-FREE&BILGE CLNG SVCE -PROV **MJC:** EXSYR103 **Rev Date:**

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 0 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 21 **Equip/Task:** 0 **Matl Cost:** **ManDays:** 0

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | GAS-FREEING SERVICES, BILGE CLEANING SERVICES AND OFF-LOADING OF PETROLEUM PRODUCTS ARE REQUIRED DURING THE AVAILABILITY. | PROVIDE THE FOLLOWING SERVICES DURING THE AVAILABILITY: A. PROVIDE THE SERVICES OF A GAS-FREE TEST ENGINEER. B. GAS-FREE BILGES AND MACHINERY SPACES INCLUDING CARGO PUMP ROOMS (WHERE APPLICABLE). MAINTAIN GAS-FREE CONDITIONS, INCLUDING GAS-FREE CERTIFICATE. C. MAINTAIN MACHINERY SPACES' BILGES FREE OF DEBRIS, WATER AND OIL. D. OFF-LOAD UP TO (___) GALLONS OF PETROLEUM PRODUCTS. E. MAINTAIN TANKS AND VOIDS, AS REQUIRED. NOTE 1: UTILIZE SWT 992-31 FOR GUIDANCE IN DEVELOPING SPEC. NOTE 2: GAS-FREE SERVICES ARE TO BE PROVIDED ONLY FOR THOSE TANKS/SPACES FOR WHICH THE CONTRACTOR HAS NO OTHER WORK IDENTIFIED AND WHICH ARE REQUIRED TO BE OPENED, VENTILATED, EMPTIED, CLEANED, MAINTAINED AND CLOSED BY THE CONTRACTOR IN SUPPORT OF INSPECTIONS BY GOVERNMENT PERSONNEL. |

**Task/Abbreviation:** R-99321-1 A / SF CRANE/RIGGING SVCE - PROV **MJC:** EXSYR105 **Rev Date:**

**Std Template:** **Sit Reqs:** **Priority:** Highly Desirable **Qty:** 001 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 21 **Equip/Task:** 001 **Matl Cost:** 340 **ManDays:** 32

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | CRANE , RIGGING, FORKLIFT AND TRANSPORTATION SERVICES ARE REQUIRED TO SUPPORT SHIP'S FORCE WORK DURING THE AVAILABILITY. | PROVIDE CRANE, RIGGING, FORKLIFT AND TRANSPORTATION SERVICES IN SUPPORT OF SHIP'S FORCE WORK AND TO LOAD/UNLOAD SHIP'S FORCE MATERIAL, EQUIPMENT AND SUPPLIES THROUGHOUT THE AVAILABILITY AUTHORIZED AS FOLLOWS: A. CRANE SERVICE (WITH OPERATOR AND RIGGERS) ON A DAILY BASIS, FIVE (5) DAYS EACH WEEK, FOR A TOTAL OF ____ LIFTS. B. FORKLIFT SERVICE (WITH OPERATOR) ON A DAILY BASIS, FIVE (5) DAYS EACH WEEK, FOR A TOTAL OF ____ LIFTS. C. TRANSPORTATION SERVICE (WITH OPERATOR) TO AND FROM THE SHIP AND STORAGE SITE FOR SHIP'S FORCE ITEMS FOR A TOTAL OF ____ ROUND TRIPS. NOTE: USE SWT 993-21 FOR GUIDANCE IN DEVELOPING SPEC. |

**Task/Abbreviation:** R-99711-1 / SHIP - DOCK/UNDOCK

**MJC:** EXSYR111

**Rev Date:** 01/10/2002

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** 001

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 69

**Equip/Task:** 001

**Matl Cost:** 52,830

**ManDays:** 120

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| MCM-MHC REQUIREME | SERVICES TO DOCK AND UNDOCK THE SHIP DURING THE AVAILABILITY ARE REQUIRED. | DOCK AND UNDOCK THE SHIP IN ACCORDANCE WITH THE DOCKING PLAN AND SSJAXDI LOCAL SPEC 997-11-001. |

**Task/Abbreviation:** R-99711-4 / SHIP -DOCK/UNDOCK (FDNF SHIPS) **MJC:** EXSYR155 **Rev Date:** 03/08/2000

**Std Template:** **Sit Reqs:** D/D **Priority:** Highly Desirable **Qty:** 001 **Matl Forecast:** NO

**Lvl of Maint:** Depot **Freq:** 69 **Equip/Task:** 001 **Matl Cost:** 52,830 **ManDays:** 120

**Referenced Authority:**

| Reason: | Problem Description: | Recommended Solution: |
|---|---|---|
| BASELINE | SERVICES TO DOCK AND UNDOCK THE SHIP DURING THE AVAILABILITY ARE REQUIRED. | DOCK AND UNDOCK THE SHIP IN ACCORDANCE WITH THE DOCKING PLAN AS FOLLOWS: A. FURNISH CERTIFIED DRYDOCK, QUALIFIED PERSONNEL AND EQUIPMENT. B. PROVIDE A DOCKMASTER, PILOTS AND PERSONNEL FOR COMPLETE TRANSFER, DOCKING AND UNDOCKING. C. PROVIDE, SET AND ALIGN BLOCKS IN ACCORDANCE WITH DOCKING PLAN POSITION ___. D. CALCULATE STABILITY. E. PROVIDE BLOCKING LOCATION DOCUMENTATION AND DOCKING REPORT. F. CONNECT/DISCONNECT STATIC GROUND LEADS. G. MAINTAIN WATERTIGHT INTEGRITY. H. PRESSURE WASH THE UNDERWATER HULL AND FITTINGS, RUDDER(S), PROPELLER(S) AND PROPULSION SHAFTING WITHIN 8 HOURS AFTER DOCKING. NOTE: USE SWT 997-02 FOR GUIDANCE IN DEVELOPING SPEC. |