

**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:** 70

**Equip/Task:** 1

**Matl Cost:** 110

**ManDays:** 12

**Referenced Authority:**

NSTM CH-997, PARA. 997-4.1

**Reason:**

MCM-MHC SHIPS

**Problem Description:**

NSTM REQUIREMENT DUE

**Recommended Solution:**

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:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 1,500

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

MHC 51 CLASS

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR A TOTAL OF \_\_\_ SQUARE FEET OF GRP FOUND TO BE DAMAGED/DEFECTIVE. ACCOMPLISH REPAIRS IN ACCORDANCE WITH MHC REPAIR MANUAL. NOTE: SUPSHIP UTILIZE SSJAXDI LOCAL SPEC ITEM 099-03IN "GLASS REINFORCED PLASTIC (GRP) REPAIR AND FABRICATION PROCEDURES; ACCOMPLISH."

**Task/Abbreviation:** I-11011-12 / UW HULL PRECLN - INSP (SPAM)

**MJC:** EXEC1178

**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:** 70

**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: I-12311-40 / FO TK - INSP &amp; RPR

MJC: EXECIK10

Rev Date: 05/18/2000

Std Template:

Sit Reqs:

Priority: Highly Desirable

Qty: 4

Matl Forecast: NO

Lvl of Maint: Depot

Freq: 120

Equip/Task: 1

Matl Cost: 1,500

ManDays: 5

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

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 &amp; RPR

MJC: EXECIK16

Rev Date: 12/18/2001

Std Template:

Sit Reqs:

Priority: Highly Desirable

Qty: 4

Matl Forecast: NO

Lvl of Maint: Depot

Freq: 70

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 &amp; RPR

MJC: EXECIK11

Rev Date: 05/18/2000

Std Template:

Sit Reqs:

Priority: Highly Desirable

Qty: 4

Matl Forecast: NO

Lvl of Maint: Depot

Freq: 120

Equip/Task: 1

Matl Cost:

ManDays: 3

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

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 &amp; RPR

MJC: EXECIK12

Rev Date: 05/18/2000

Std Template:

Sit Reqs:

Priority: Highly Desirable

Qty: 4

Matl Forecast: NO

Lvl of Maint: Depot

Freq: 120

Equip/Task: 1

Matl Cost:

ManDays: 3

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

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-12319-4 / WSTE TK - INSP & RPR**MJC:** EXECIK13**Rev Date:** 07/12/2004**Std Template:****Sit Reqs:****Priority:** Highly Desirable**Qty:** 4**Matl Forecast:** NO**Lvl of Maint:** Depot**Freq:** 120**Equip/Task:** 1**Matl Cost:****ManDays:** 3**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:****Problem Description:****Recommended Solution:**

BASELINE

TBD

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. NOTE: ENSURE TANK IS GAS FREE BEFORE ENTERING.

**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:** 70

**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:**

BASELINE

**Problem Description:**

NSTM REQUIREMENT DUE

**Recommended Solution:**

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:** 70

**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:**

BASELINE

**Problem Description:**

MACHALT 538, AT/WT DOOR HINGE UPGRADE,  
NOT ACCOMPLISHED

**Recommended Solution:**

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:** 22

**Equip/Task:** 1

**Matl Cost:** 500

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** Z-19211-1 / COMPT - AIR TST

**MJC:** EXECZ001

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 36

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 2

**Referenced Authority:**

CNSL LTR 4700 SER N431B3/3033 OF 30 MAY 1995

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

ACCOMPLISH AIR TEST OF EACH DESIGNATED COMPARTMENT WATERTIGHT DOOR AT A MINIMUM OF ONCE EVERY 36 MONTHS.

**Task/Abbreviation:** A-23310-15 / AER MHC51-63032E - ACCOMP

**MJC:** EXTYA516

**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:**

BASELINE

**Problem Description:**

AER MHC51-63032, JACKET WATER SMPLG LINE  
INST, NOT ACCOMPLISHED

**Recommended Solution:**

ACCOMPLISH AER MHC51-63032 WHICH INSTALLS JW SAMPLING LINE CONNECTION  
OUTSIDE OF ENGINE ENCLOSURE.

**Task/Abbreviation:** D-23310-16 / SHIPALT MHC51-0115D ACCOMP

**MJC:** EXSAD552

**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:** 22,000

**ManDays:** 1

**Referenced Authority:**

FMP

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

SHIPALT MHC51-00115D, FUEL SUP/GOV SAFE MOD FDGM28R4, NOT ACCOMPLISHED

ACCOMPLISH SHIPALT MHC51-00115D WHICH MODIFIES FUEL OIL SYSTEM INSIDE THE ENGINE ENCLOSURE TO INCREASE SUCTION CAPACITY OF THE FUEL PUMP. TO BE ACCOMPLISHED BY OEM (FDGM). TO ELIMINATE NUISANCE ALARMS ASSOCIATED WITH MINOR FLUCTUATIONS IN FUEL PRESSURE.

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

**MJC:** EXECQA38

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Intermediate

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

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:** I-23311-15 / MN PRPLN RESIL MT - INSP

**MJC:** EXECI343

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

INSPECT RESILIENT MOUNTS ON THE MAIN PROPULSION UNITS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP.

**Task/Abbreviation:** Q-23311-16 / MN PRPLN RESIL MT - REPL

**MJC:** EXECQG07

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** X

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

REPLACE RESILIENT MOUNTS ON THE MAIN PROPULSION DIESEL ENGINE. REPLACE RESILIENT MOUNT IDENTIFICATION STAMPS WITH METAL STAMP TO IDENTIFY MOUNT REPLACEMENT DATE. METAL STAMP TO BE PLACED ADJACENT TO EACH MOUNT.

**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:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 22

**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:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:** 10

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

TORQUE THE PROPULSION DIESEL ENGINE FOUNDATION BOLTS IN ACCORDANCE WITH MIP 2331/013-42, MRC C8 8WWQ 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:** 12

**Equip/Task:** X

**Matl Cost:** 250

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

CLEAN AND INSPECT PROPULSION DIESEL ENGINE EXHAUST TEMPERATURE THERMOCOUPLES IN ACCORDANCE WITH MIP 2331/013.

**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:** 8

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 6

**Equip/Task:** 1

**Matl Cost:** 250

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

TEST THE MAIN PROPULSION DIESEL ENGINE FUEL INJECTION NOZZLES IN ACCORDANCE WITH MIP 2331/013-41, 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:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT THE MAIN PROPULSION DIESEL ENGINE CYLINDER WITH BORESCOPE IN ACCORDANCE WITH MIP 2331/013-41 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:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 41

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR INACTIVITY IN ACCORDANCE WITH MIP 2331/013.

**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:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 41

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR OPERATION IN ACCORDANCE WITH MIP 2331/013.

**Task/Abbreviation:** Z-23311-56 / PRPLN ENG FW PREHEATER-CLN

**MJC:** EXECZ097

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:** 250

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

CLEAN AND INSPECT PROPULSION DIESEL ENGINE JACKET WATER PREHEATER IN ACCORDANCE WITH PMS MIP 2331/013.

**Task/Abbreviation:** Q-23311-57 / PRPLN DSL ENG (MHC) - RPR

**MJC:** EXECQK22

**Rev Date:** 05/30/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 11,700

**ManDays:** 260

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

ACCOMPLISH REPAIRS ON THE PROPULSION DIESEL ENGINE PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. ON COMPLETION OF REPAIRS, REINSTALL COMPONENTS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND INTEGRATED FLUID VARIATOR GEARBOX. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

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

**MJC:** EXECIK18

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 150

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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-23311-64 / PRPLN DSL ENG FW CLR-PLUG TB

**MJC:** EXECJ479

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**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-23311-65 / PRPLN DSL FW CLR - REPL BUNDLE

**MJC:** EXECJ483

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**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:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**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. 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:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**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. 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:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**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. 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:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**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. 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:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**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:** 2

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 70

**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 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:** 2

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** Q-23312-5 / PRPLN DSL ENG FW CLR - RPR**MJC:** EXECQA39**Rev Date:****Std Template:****Sit Reqs:****Priority:** Highly Desirable**Qty:** 2**Matl Forecast:** YES**Lvl of Maint:** Depot**Freq:** 70**Equip/Task:** 1**Matl Cost:** 675**ManDays:** 15**Referenced Authority:**

FLEET REQUIREMENTS

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

**MJC:** EXECQA45

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Intermediate

**Freq:** 70

**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:** I-23312-15 / MN PRPLN RESIL MT - INSP

**MJC:** EXECI344

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

INSPECT RESILIENT MOUNTS ON THE MAIN PROPULSION UNITS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP.

**Task/Abbreviation:** Q-23312-16 / MN PRPLN RESIL MT - REPL

**MJC:** EXECQG08

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** X

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

REPLACE RESILIENT MOUNTS ON THE MAIN PROPULSION DIESEL ENGINE. REPLACE RESILIENT MOUNT IDENTIFICATION STAMPS WITH METAL STAMP TO IDENTIFY MOUNT REPLACEMENT DATE. METAL STAMP TO BE PLACED ADJACENT TO EACH MOUNT.

**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:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 22

**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:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:** 10

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

TORQUE THE PROPULSION DIESEL ENGINE FOUNDATION BOLTS IN ACCORDANCE WITH MIP 2331/013-41, MRC C8 8WWQ 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:** 12

**Equip/Task:** X

**Matl Cost:** 250

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

CLEAN AND INSPECT PROPULSION DIESEL ENGINE EXHAUST TEMPERATURE THERMOCOUPLES IN ACCORDANCE WITH MIP 2331/013.

**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:** 8

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 6

**Equip/Task:** 1

**Matl Cost:** 250

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

TEST THE MAIN PROPULSION DIESEL ENGINE FUEL INJECTION NOZZLES IN ACCORDANCE WITH MIP 2331/013-41, 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:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT THE MAIN PROPULSION DIESEL ENGINE CYLINDER WITH BORESCOPE IN ACCORDANCE WITH MIP 2331/013-41, 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:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 41

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR INACTIVITY IN ACCORDANCE WITH MIP 2331/013.

**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:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 41

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR OPERATION IN ACCORDANCE WITH MIP 2331/013.

**Task/Abbreviation:** Z-23312-55 / PRPLN ENG FW PREHEATER-CLN

**MJC:** EXECZ098

**Rev Date:** 02/22/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:** 250

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

CLEAN AND INSPECT PROPULSION DIESEL ENGINE JACKET WATER PREHEATER IN ACCORDANCE WITH PMS MIP 2331/013.

**Task/Abbreviation:** Q-23312-56 / PRPLN DSL ENG (MHC) - RPR

**MJC:** EXECQK36

**Rev Date:** 05/30/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 11,700

**ManDays:** 260

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

ACCOMPLISH REPAIRS ON THE PROPULSION DIESEL ENGINE PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. ON COMPLETION OF REPAIRS, REINSTALL COMPONENTS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND INTEGRATED FLUID VARIATOR GEARBOX. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**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:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**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-23312-64 / PRPLN DSL ENG FW CLR-PLUG TB

**MJC:** EXECJ480

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**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-23312-65 / PRPLN DSL FW CLR - REPL BUNDLE

**MJC:** EXECJ484

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**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:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**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. 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:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**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. 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:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**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. 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:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**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. 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:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**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-23312-78 / ATCHD JKT WTR PMP - RPR

**MJC:** EXECJJ25

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 70

**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 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:** 2

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 70

**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:** I-24111-8 / PRPLN UNIT IFVG - INSP

**MJC:** EXECI303

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 13

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

ACCOMPLISH A PRE-AVAILABILITY VIBRATION ANALYSIS SURVEY OF THE INTEGRATED FLUID VARIATOR AND GEARBOX (IFVG) OF THE PROPULSION UNIT. REMOVE THE OIL AND LOWER GEARBOX COVER. ACCOMPLISH A VISUAL INTERNAL INSPECTION AND A LOADED GEAR TEETH CONTACT EXAMINATION. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. 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. 4. TO INCLUDE VISUAL INSPECTION OF RESILIENT MOUNTS IF INSTALLED.

Task/Abbreviation: Q-24111-9 / PRPLN UNIT IFVG - RPR

MJC: EXECQE38

Rev Date:

Std Template:

Sit Reqs:

Priority: Highly Desirable

Qty: 2

Matl Forecast: YES

Lvl of Maint: Depot

Freq: 70

Equip/Task: 1

Matl Cost: 1,710

ManDays: 38

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

REMOVE THE UPPER AND COUPLING HOUSING AND GEARBOX COVERS OF THE INTEGRATED FLUID VARIATOR & GEARBOX (IFVG) FOR INTERNAL EXAMINATION. ACCOMPLISH A GEAR TEETH BLUE-CONTACT-CHECK. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF RPRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW GASKETS, LOCKING RINGS, O -RINGS AND SEAL RINGS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ENSURE SATISFACTORY DIESEL ENGINE TO IFVG UNIT ALIGNMENT. ACCOMPLISH A SAT OP TEST & VIBRATION ANALYSIS SURVEY. A. REMOVE IFVG UNIT TO SHOP. B. VERIFY INTERNAL ALIGNMENT. C. MEASURE AND RECORD DIMENSIONS AND CLEARANCES OF OIL DEFLECTORS, JOURNALS AND BEARINGS. D. ACCOMPLISH NDT OF COMPONENTS & SUBMIT RPT TO NSA. E. STONE AND POLISH GEAR TEETH. F. RESURFACE AND MACHINE DESIGNATED SHAFT (INPUT/PINION/OUTPUT) JOURNALS. G. REPLACE DESIGNATED SHAFT (INPUT/PINION/OUTPUT). H. REPLACE DESIGNATED RADIAL (JOURNAL) BEARINGS.

Task/Abbreviation: Q-24111-13 / PRPLN UNIT IFVG LO CLR - RPR

MJC: EXECQE46

Rev Date:

Std Template:

Sit Reqs:

Priority: Highly Desirable

Qty: 2

Matl Forecast: YES

Lvl of Maint: Depot

Freq: 70

Equip/Task: 1

Matl Cost: 405

ManDays: 9

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

ACCOMPLISH THE FOLLOWING REPAIRS TO THE LUBE OIL COOLER OF THE INTEGRATED FLUID VARIATOR AND GEARBOX (IFVG) OF THE PROPULSION UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST LUBE OIL SHELL AND PLATE TYPE CORE SIDES AND REMOVE HEADS FOR PLATE TYPE NEST AND SHELL CLEANING AND 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. REMOVE OIL COOLER TO SHOP FOR REPAIRS. B. RECOAT AND/OR REPAIR UPPER/LOWER COOLER HOUSING. C. ACCOMPLISH STRUCTURAL REPAIRS TO DESIGNATED UPPER/LOWER HOUSING. D. REPLACE BEHR NON-MAGNETIC PLATE TYPE COOLER CORE. E. REPLACE DESIGNATED UPPER/LOWER HOUSING. F. REPLACE ELECTROLYTIC ANODES. G. REPLACE PLUNGER.

**Task/Abbreviation:** Q-24111-14 / PRPLN IFVG LINEAR ACTR - RPR

**MJC:** EXECQE48

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 90

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

REPAIR THE SCOOP TUBE LINEAR ACTUATOR OF THE INTEGRATED FLUID VARIATOR AND GEARBOX (IFVG) OF THE PROPULSION UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. A. REPLACE MOTOR. B. REPLACE GEAR TRAIN. C. REPLACE SCREW. D. REPLACE DESIGNATED TRANSMITTERS. E. REPLACE DESIGNATED POTENTIOMETERS.

**Task/Abbreviation:** Q-24111-22 / PRPLN UNIT IFVG RESIL MT- REPL

**MJC:** EXECQK23

**Rev Date:** 05/31/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 360

**ManDays:** 8

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

REPLACE THE PROPULSION UNIT INTEGRATED FLUID VARIATOR AND GEARBOX RESILIENT MOUNTS IN ACCORDANCE WITH APPLICABLE TECHNICAL MANUAL.

**Task/Abbreviation:** Q-24111-23 / PRPLN UNIT IFVG - OIL FLUSH**MJC:** EXECQK25**Rev Date:** 05/31/2000**Std Template:****Sit Reqs:****Priority:** Highly Desirable**Qty:** 2**Matl Forecast:** NO**Lvl of Maint:** Depot**Freq:** 70**Equip/Task:** 1**Matl Cost:** 900**ManDays:** 20**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:****Problem Description:****Recommended Solution:**

BASELINE

TBD

ACCOMPLISH AN OIL FLUSH OF THE PROPULSION UNIT INTEGRATED FLUID VARIATOR AND GEARBOX 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:** D-24111-25 / SHIPALT MHC51-0066D ACCOMP

**MJC:** EXSAD553

**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:** 37,000

**ManDays:** 13

**Referenced Authority:**

FMP

**Reason:**

BASELINE

**Problem Description:**

SHIPALT MHC51-00066D, IFVG LO  
TEMPERATURE CONT SYS, NOT ACCOMPLISHED

**Recommended Solution:**

ACCOMPLISH SHIPALT MHC51-00066D WHICH ADDS A LOCALLY MOUNTED TYPE "K"  
THERMOCOUPLE AND THERMOSTATIC CONTROLLER TO BOTH PORT AND  
STARBOARD IFVG TO PREVENT OVERHEATING OF OIL. THE EXISTING LUBE OIL  
HEATERS ARE USED.

**Task/Abbreviation:** I-24112-8 / PRPLN UNIT IFVG - INSP

**MJC:** EXECI304

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 13

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

ACCOMPLISH A PRE-AVAILABILITY VIBRATION ANALYSIS SURVEY OF THE INTEGRATED FLUID VARIATOR AND GEARBOX (IFVG) OF THE PROPULSION UNIT. REMOVE THE OIL AND LOWER GEARBOX COVER. ACCOMPLISH A VISUAL INTERNAL INSPECTION AND A LOADED GEAR TEETH CONTACT EXAMINATION. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. 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. 4. TO INCLUDE VISUAL INSPECTION OF RESILIENT MOUNTS IF INSTALLED.

Task/Abbreviation: Q-24112-9 / PRPLN UNIT IFVG - RPR

MJC: EXECQE39

Rev Date:

Std Template:

Sit Reqs:

Priority: Highly Desirable

Qty: 2

Matl Forecast: YES

Lvl of Maint: Depot

Freq: 70

Equip/Task: 1

Matl Cost: 1,710

ManDays: 38

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

REMOVE THE UPPER AND COUPLING HOUSING AND GEARBOX COVERS OF THE INTEGRATED FLUID VARIATOR & GEARBOX (IFVG) FOR INTERNAL EXAMINATION. ACCOMPLISH A GEAR TEETH BLUE-CONTACT-CHECK. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF RPRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW GASKETS, LOCKING RINGS, O -RINGS AND SEAL RINGS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ENSURE SATISFACTORY DIESEL ENGINE TO IFVG UNIT ALIGNMENT. ACCOMPLISH A SAT OP TEST & VIBRATION ANALYSIS SURVEY. A. REMOVE IFVG UNIT TO SHOP. B. VERIFY INTERNAL ALIGNMENT. C. MEASURE AND RECORD DIMENSIONS AND CLEARANCES OF OIL DEFLECTORS, JOURNALS AND BEARINGS. D. ACCOMPLISH NDT OF COMPONENTS & SUBMIT RPT TO NSA. E. STONE AND POLISH GEAR TEETH. F. RESURFACE AND MACHINE DESIGNATED SHAFT (INPUT/PINION/OUTPUT) JOURNALS. G. REPLACE DESIGNATED SHAFT (INPUT/PINION/OUTPUT). H. REPLACE DESIGNATED RADIAL (JOURNAL) BEARINGS.

Task/Abbreviation: Q-24112-13 / PRPLN UNIT IFVG LO CLR - RPR

MJC: EXECQE47

Rev Date:

Std Template:

Sit Reqs:

Priority: Highly Desirable

Qty: 2

Matl Forecast: YES

Lvl of Maint: Depot

Freq: 70

Equip/Task: 1

Matl Cost: 405

ManDays: 9

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

ACCOMPLISH THE FOLLOWING REPAIRS TO THE LUBE OIL COOLER OF THE INTEGRATED FLUID VARIATOR AND GEARBOX (IFVG) OF THE PROPULSION UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST LUBE OIL SHELL AND PLATE TYPE CORE SIDES AND REMOVE HEADS FOR PLATE TYPE NEST AND SHELL CLEANING AND 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. REMOVE OIL COOLER TO SHOP FOR REPAIRS. B. RECOAT AND/OR REPAIR UPPER/LOWER COOLER HOUSING. C. ACCOMPLISH STRUCTURAL REPAIRS TO DESIGNATED UPPER/LOWER HOUSING. D. REPLACE BEHR NON-MAGNETIC PLATE TYPE COOLER CORE. E. REPLACE DESIGNATED UPPER/LOWER HOUSING. F. REPLACE ELECTROLYTIC ANODES. G. REPLACE PLUNGER.

**Task/Abbreviation:** Q-24112-14 / PRPLN IFVG LINEAR ACTR - RPR

**MJC:** EXECQE49

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 90

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

REPAIR THE SCOOP TUBE LINEAR ACTUATOR OF THE INTEGRATED FLUID VARIATOR AND GEARBOX (IFVG) OF THE PROPULSION UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. A. REPLACE MOTOR. B. REPLACE GEAR TRAIN. C. REPLACE SCREW. D. REPLACE DESIGNATED TRANSMITTERS. E. REPLACE DESIGNATED POTENTIOMETERS.

**Task/Abbreviation:** Q-24112-22 / PRPLN UNIT IFVG RESIL MT- REPL

**MJC:** EXECQK24

**Rev Date:** 05/31/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 360

**ManDays:** 8

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

REPLACE THE PROPULSION UNIT INTEGRATED FLUID VARIATOR AND GEARBOX RESILIENT MOUNTS IN ACCORDANCE WITH APPLICABLE TECHNICAL MANUAL.

**Task/Abbreviation:** Q-24112-23 / PRPLN UNIT IFVG - OIL FLUSH**MJC:** EXECQK71**Rev Date:** 12/20/2001**Std Template:****Sit Reqs:****Priority:** Highly Desirable**Qty:** 2**Matl Forecast:** NO**Lvl of Maint:** Depot**Freq:** 70**Equip/Task:** 1**Matl Cost:** 900**ManDays:** 20**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:****Problem Description:****Recommended Solution:**

BASELINE

TBD

ACCOMPLISH AN OIL FLUSH OF THE PROPULSION UNIT INTEGRATED FLUID VARIATOR AND GEARBOX 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:** I-24211-8 / ATTENUATING CPLG - INSP/RPR

**MJC:** EXECI305

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 90

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

INSPECT THE SOUND ATTENUATING COUPLING (INTEGRATED FLUID VARIATOR AND GEARBOX [IFVG] OUTPUT SHAFT AND PROPULSOR SHAFT). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH AUTHORIZED REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS. A. REPLACE DESIGNATED INNER MEMBER. B. REPLACE DESIGNATED CONE BLOCKS. C. REPLACE DESIGNATED BEARING SUPPORT. D. REPLACE DESIGNATED RUBBER BEARING SUPPORT ASSEMBLY.

**Task/Abbreviation:** Q-24211-10 / ELASTOMERIC CPLG - INSP/RPR

**MJC:** EXECQE52

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 135

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

INSPECT THE TORSIONAL ELASTOMERIC COUPLING (DIESEL ENGINE CLUTCH TO INTEGRATED FLUID VARIATOR AND GEARBOX [IFVG]). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH AUTHORIZED REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS. A. REPLACE INNER MEMBER. B. REPLACE DESIGNATED CONE BLOCKS.

**Task/Abbreviation:** I-24212-8 / ATTENUATING CPLG - INSP/RPR

**MJC:** EXECI306

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 90

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

INSPECT THE SOUND ATTENUATING COUPLING (INTEGRATED FLUID VARIATOR AND GEARBOX [IFVG] OUTPUT SHAFT AND PROPULSOR SHAFT). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH AUTHORIZED REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS. A. REPLACE DESIGNATED INNER MEMBER. B. REPLACE DESIGNATED CONE BLOCKS. C. REPLACE DESIGNATED BEARING SUPPORT. D. REPLACE DESIGNATED RUBBER BEARING SUPPORT ASSEMBLY.

**Task/Abbreviation:** Q-24212-10 / ELASTOMERIC CPLG - INSP/RPR

**MJC:** EXECQE53

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 135

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

INSPECT THE TORSIONAL ELASTOMERIC COUPLING (DIESEL ENGINE CLUTCH TO INTEGRATED FLUID VARIATOR AND GEARBOX [IFVG]). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH AUTHORIZED REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS. A. REPLACE INNER MEMBER. B. REPLACE DESIGNATED CONE BLOCKS.

**Task/Abbreviation:** A-24410-1 / AER MHC51-60243E - ACCOMP

**MJC:** EXTYA160

**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 MHC51-60243E "REMOTE LINE SHAFT BEARING GAGE BOARD" WHICH INSTALLS A REMOTE READING GAGE BOARD FOR THE LINE SHAFT BEARINGS THERMOMETER TO ALLOW FOR EASE OF READINGS.

Task/Abbreviation: Q-24411-4 / LINE SFT THRUST BRG - INSP/RPR

MJC: EXECQE54

Rev Date:

Std Template:

Sit Reqs:

Priority: Highly Desirable

Qty: 2

Matl Forecast: NO

Lvl of Maint: Depot

Freq: 70

Equip/Task: 1

Matl Cost: 90

ManDays: 2

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

INSPECT AND REPAIR OR REPLACE THE LINE SHAFT THRUST BEARING ASSEMBLY OF THE PROPULSION SHAFTING PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE UPPER BEARING HOUSING COVER. ENSURE THAT ALL BEARING HOUSING AND BEARING FINISHED SURFACES ARE CLEAN. ACCOMPLISH AS-FOUND THRUST BEARING ASSEMBLY DIMENSIONS AND CLEARANCES. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF AUTHORIZED REPAIRS, AS LISTED FROM THE FOLLOWING LIST, ENSURE SATISFACTORY THRUST BEARING CLEARANCE. ASSEMBLE BEARING COVER. REPLACE MISSING AN/OR UNSERVICEABLE FASTENERS. A. GRIND THRUST COLLAR. B. REPLACE THRUST COLLAR. C. REPLACE THRUST BEARING SHOES (ACTIVE/INACTIVE) D. GRIND THRUST BRG RETAINING RINGS (ACTIVE/INACTIVE). E. RPL THRUST BRG RETAINING RINGS (ACTIVE/INACTIVE). F. GRIND THRUST BEARING SHIM(S) (ACTIVE/INACTIVE). G. REPLACE DESIGNATED THRUST BEARING SHIM(S) (ACTIVE/INACTIVE).

**Task/Abbreviation:** Z-24411-8 / MN THRUST BRG FLOAT CL - INSP

**MJC:** EXECZ055

**Rev Date:** 02/25/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 24

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT THE MAIN THRUST BEARING FLOAT CLEARANCE IN ACCORDANCE WITH MIP 2400/016, MRC 87 B9TJ N.

Task/Abbreviation: Q-24412-4 / LINE SFT THRUST BRG - INSP/RPR

MJC: EXECQE55

Rev Date:

Std Template:

Sit Reqs:

Priority: Highly Desirable

Qty: 2

Matl Forecast: NO

Lvl of Maint: Depot

Freq: 70

Equip/Task: 1

Matl Cost: 90

ManDays: 2

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

INSPECT AND REPAIR OR REPLACE THE LINE SHAFT THRUST BEARING ASSEMBLY OF THE PROPULSION SHAFTING PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE UPPER BEARING HOUSING COVER. ENSURE THAT ALL BEARING HOUSING AND BEARING FINISHED SURFACES ARE CLEAN. ACCOMPLISH AS-FOUND THRUST BEARING ASSEMBLY DIMENSIONS AND CLEARANCES. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF AUTHORIZED REPAIRS, AS LISTED FROM THE FOLLOWING LIST, ENSURE SATISFACTORY THRUST BEARING CLEARANCE. ASSEMBLE BEARING COVER. REPLACE MISSING AN/OR UNSERVICEABLE FASTENERS. A. GRIND THRUST COLLAR. B. REPLACE THRUST COLLAR. C. REPLACE THRUST BEARING SHOES (ACTIVE/INACTIVE) D. GRIND THRUST BRG RETAINING RINGS (ACTIVE/INACTIVE). E. RPL THRUST BRG RETAINING RINGS (ACTIVE/INACTIVE). F. GRIND THRUST BEARING SHIM(S) (ACTIVE/INACTIVE). G. REPLACE DESIGNATED THRUST BEARING SHIM(S) (ACTIVE/INACTIVE).

**Task/Abbreviation:** Z-24412-8 / MN THRUST BRG FLOAT CL - INSP

**MJC:** EXECZ056

**Rev Date:** 02/25/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 24

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT THE MAIN THRUST BEARING FLOAT CLEARANCE IN ACCORDANCE WITH MIP 2400/016, MRC 87 B9TJ N.

**Task/Abbreviation:** I-24511-16 / CY PROP SYS - INSP/TST

**MJC:** EXECI307

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

INSPECT AND TEST THE CYCLOIDAL PITCH-TYPE PROPELLER SYSTEM. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. TO INCLUDE: A. ALARM, LEVEL SWITCHES AND SAFETY DEVICES. B. ELECTRICAL EQUIPMENT INSULATION RESISTANCE TEST. C. ELECTRICAL INTERLOCKS (ZERO-THRUST/START-UP). D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E. OPERATIONAL TEST. F. VIBRATION ANALYSIS SURVEY.

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**Task/Abbreviation:** Q-24511-17 / CY PROP CONT ROD (DD) - RPR**MJC:** EXECQE56**Rev Date:****Std Template:****Sit Reqs:** D/D**Priority:** Highly Desirable**Qty:** 2**Matl Forecast:** YES**Lvl of Maint:** Depot**Freq:** 70**Equip/Task:** 1**Matl Cost:** 2,295**ManDays:** 51**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:****Problem Description:****Recommended Solution:**

BASELINE

TBD

REPAIR THE CONTROL ROD ASSEMBLY OF THE CYCLOIDAL PITCH-TYPE PROPELLER SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS. MEASURE AND RECORD AS-FOUND CLEARANCES. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE USING NEW GASKETS, LOCKING RINGS, "O"-RINGS, SEALS AND PACKING. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. MEASURE AND RECORD POST-REPAIRS CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPAIR DESIGNATED SPEED AND STEERING HYDRAULIC CYLINDER AND PISTON ROD ASSEMBLIES. B. REPLACE UPPER PUSH ROD SLEEVE. C. REPLACE UPPER RADIAL ARTICULATED JOINT BEARING. D. REPLACE CENTRAL SPHERICAL BUSHING. E. REPLACE LOWER SPHERICAL BUSHING. F. REPLACE CENTRAL PIN. G. REPLACE LOWER PIN.

**Task/Abbreviation:** Q-24511-18 / CY PROP WORM SFT - RPR**MJC:** EXECQE58**Rev Date:****Std Template:****Sit Reqs:** D/D**Priority:** Highly Desirable**Qty:** 2**Matl Forecast:** NO**Lvl of Maint:** Depot**Freq:** 70**Equip/Task:** 1**Matl Cost:** 1,575**ManDays:** 35**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:****Problem Description:****Recommended Solution:**

BASELINE

TBD

REPAIR THE WORM SHAFT ASSEMBLY OF THE CYCLOIDAL PITCH-TYPE PROPELLER SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS. MEASURE AND RECORD AS-FOUND CLEARANCES, DIMENSIONS AND RUNOUTS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE USING NEW GASKETS, LOCKING RINGS, "O"-RINGS AND SEALS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. MEASURE AND RECORD POST-REPAIRS CLEARANCES, DIMENSIONS AND RUNOUTS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE WORM SHAFT ASSEMBLY. B. REPLACE TAPERED ROLLER BEARING (FWD). C. REPLACE SELF-ALIGNED ROLLER BEARING (AFT). D. REPLACE COUPLING (WORM TO CONTROL MAIN OIL PUMP).

Task/Abbreviation: Q-24511-19 / CY PROP LOWER CSG (DD) - RPR

MJC: EXECQE60

Rev Date:

Std Template:

Sit Reqs: D/D

Priority: Highly Desirable

Qty: 2

Matl Forecast: NO

Lvl of Maint: Depot

Freq: 70

Equip/Task: 1

Matl Cost: 1,575

ManDays: 35

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

REPAIR THE LOWER PROPELLER CASING, THRUST PLATE AND DRIVING SLEEVE OF THE CYCLOIDAL PITCH-TYPE PROPELLER SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS. MEASURE AND RECORD AS-FOUND CLEARANCES, DIMENSIONS AND RUNOUTS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE USING NEW GASKETS, LOCKING RINGS, "O"-RINGS AND SEALS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. MEASURE AND RECORD POST-REPAIRS CLEARANCES, DIMENSIONS AND RUNOUTS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RESURFACE/MACHINE WORM GEAR RING MOUNTING FACE. B. REPLACE WORM GEAR RING. C. GRIND THRUST PLATE. D. REPLACE THRUST PLATE. E. RESURFACE/MACHINE UPPER THRUST RING MOUNTING FACE. F. REPLACE UPPER THRUST RING. G. GRIND ADJUSTING RING. H. RESURFACE/MACHINE LOWER THRUST RING MOUNTING FACE. I. REPLACE LOWER THRUST RING. J. RESURFACE AND/OR MACHINE LOWER THRUST RING BASE.

Task/Abbreviation: Q-24511-20 / CY PROP ROTOR CSG (DD)- RPR

MJC: EXECQE62

Rev Date:

Std Template:

Sit Reqs: D/D

Priority: Highly Desirable

Qty: 2

Matl Forecast: YES

Lvl of Maint: Depot

Freq: 70

Equip/Task: 1

Matl Cost: 1,575

ManDays: 35

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

REPAIR THE ROTOR CASING OF THE CYCLOIDAL PITCH-TYPE PROPELLER SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS. MEASURE AND RECORD AS-FOUND CLEARANCES, DIMENSIONS AND RUNOUTS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE USING NEW GASKETS, LOCKING RINGS, "O"-RINGS AND SEALS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. MEASURE AND RECORD POST-REPAIRS CLEARANCES, DIMENSIONS & RUNOUTS. REPLACE LUBRICATING OIL. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE DESIGNATED SACRIFICIAL ANODES. B. REPAIR DESIGNATED BLADES. C. REPLACE DESIGNATED BLADES. D. REPLACE DESIGNATED "CA" BUSHINGS. E. RESURFACE AND MACHINE UPPER BEARING PLATE. F. RESURFACE AND MACHINE LOWER BEARING PLATE. G. REPLACE DESIGNATED UPPER PLAIN BEARING RINGS. H. REPLACE DESIGNATED UPPER PLAIN BEARING BUSHINGS. I. RESURFACE & MACHINE DESIGNATED BLADE BEARING CAPS. J. REPLACE DESIGNATED ACTUATING LEVERS.

**Task/Abbreviation:** I-24511-22 / CY PROP MOT DRVN HYDR PMP-INSP

**MJC:** EXECI309

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

INSPECT AND TEST THE PUMP UNIT (ROTARY/SCREW). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. TO INCLUDE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TEST. C. VIBRATION ANALYSIS SURVEY. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E. CONDUCT FLOW TEST.

**Task/Abbreviation:** I-24511-26 / CY PROP MOT DRVN LO PMP - INSP

**MJC:** EXECI311

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

INSPECT AND TEST THE NON-ATTACHED LUBRICATION OIL PUMP UNIT (ROTARY/GEAR) OF THE CYCLOIDAL PITCH-TYPE PROPELLER SYSTEM. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. TO INCLUDE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TEST. C. VIBRATIONAL ANALYSIS SURVEY. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E. CONDUCT FLOW TEST.

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**Task/Abbreviation:** Q-24511-29 / CY PROP ELEC CONT OIL HTR -RPR**MJC:** EXECQE76**Rev Date:****Std Template:****Sit Reqs:****Priority:** Highly Desirable**Qty:** 2**Matl Forecast:** YES**Lvl of Maint:** Depot**Freq:** 70**Equip/Task:** 1**Matl Cost:** 675**ManDays:** 15**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:****Problem Description:****Recommended Solution:**

BASELINE

TBD

ACCOMPLISH THE FOLLOWING REPAIRS TO THE CONTROL OIL ELECTRIC HEATER OF THE CYCLOIDAL PITCH-TYPE PROPELLER SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY-TEST SHELL SIDE AND REMOVE HEADS FOR CLEANING AND SHELL 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. REMOVE ELECTRIC HEATER TO SHOP FOR REPAIRS. B. ACCOMPLISH STRUCTURAL REPAIRS TO SHELL. C. ACCOMPLISH STRUCTURAL REPAIRS TO HEADS. D. REPLACE HEADS. E. REPLACE HEATING ELEMENTS (ELECTRODES).

**Task/Abbreviation:** Z-24511-31 / CY PROP LO - CHG

**MJC:** EXECZ002

**Rev Date:**

**Std Template:** **Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 73

**Equip/Task:** 1

**Matl Cost:** 90

**ManDays:** 2

**Referenced Authority:**

CNSL LTR 4700 SER N431B3/3033 30 MAY 1995

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH CHANGE OUT OF CYCLOIDAL PITCH PROPELLER LUBRICATING OIL.  
NOTE: ACCOMPLISH IAW MIP 2451/008.

**Task/Abbreviation:** Q-24511-36 / CY PROP LO CLR - CLN/FLUSH

**MJC:** EXECQJ71

**Rev Date:** 05/21/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 500

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH CLEAN, FLUSH AND HYDROSTATIC TEST OF THE LUBE OIL COOLER OF THE CYCLOIDAL PITCH-TYPE PROPELLER SYSTEM IN ACCORDANCE WITH NSWCCD DOCUMENT SERIAL NO. 9323-98-MHC51-002. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP.

**Task/Abbreviation:** Q-24511-40 / CY PROP BLADE SEAL (DD) - REPL

**MJC:** EXECQK39

**Rev Date:**

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 1,500

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

REPLACE THE CYCLOIDAL PROPELLER BLADE SEAL(S) IN ACCORDANCE WITH S9245-BM-MMA-010.

Task/Abbreviation: Q-24511-43 / CY PROP SYS - REPL/TST

MJC: EXECQK76

Rev Date: 07/17/2002

Std Template:

Sit Reqs: D/D

Priority: Highly Desirable

Qty: 2

Matl Forecast: NO

Lvl of Maint: Depot

Freq: 70

Equip/Task: 1

Matl Cost: 545,000

ManDays: 450

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

REPLACE THE CYCLOIDAL PITCH PROPELLER (VSP) WITH OVERHAULED UNIT AS FOLLOWS: PRIOR TO REMOVAL VISUALLY INSPECT VSP (VOITH SCHNEIDER PROPELLER) SYSTEM THEN REPORT CONDITIONS FOUND TO THE NSA. DRAIN OIL FROM THE INTERNAL CONTROL OIL SYSTEM (COS) AND LOW PRESSURE LUBRICATION OIL SYSTEM (LOS) ROTOR CASING. REMOVE THE VSP UNIT AND BLADES. UNCRATE AND INSPECT GFM VSP UNIT AND BLADES. PROVIDE COATING INSPECTOR AND PRESERVE GFM VSP UNDERWATER APPENDAGES AND BLADES. INSTALL AND ALIGN GFM VSP UNIT AND BLADES. ACCOMPLISH HOT OIL FLUSH OF VSP LOS. FILL VSP COS AND LOS WITH CLEAN NEW HYDRAULIC FLUID. ACCOMPLISH OP TEST OF VSP. CRATE AND SHIP BY MOST EXPEDITIOUS METHOD (AIR FREIGHT) THE REMOVED VSP UNIT AND BLADES TO OEM. OEM OVERHAUL SHIPPED VSP UNIT AND BLADES. OEM SHIP REPAIRED VSP UNIT AND BLADES TO FISC DETACHMENT INGLESIDE, TX. NOTE: 1. OEM IS VOITH SHIFFSTECHNIK GMBH & CO. KG RUCKWARE. 2. FTSCLANT DI REPRESENTATIVE SHALL PROVIDE TECHNICAL DIRECTION DURING REMOVAL, INSTALLATION, AND SEA TRIAL TESTING.

**Task/Abbreviation:** I-24512-16 / CY PROP SYS - INSP/TST

**MJC:** EXECI308

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

INSPECT AND TEST THE CYCLOIDAL PITCH-TYPE PROPELLER SYSTEM. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. TO INCLUDE: A. ALARM, LEVEL SWITCHES AND SAFETY DEVICES. B. ELECTRICAL EQUIPMENT INSULATION RESISTANCE TEST. C. ELECTRICAL INTERLOCKS (ZERO-THRUST/START-UP). D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E. OPERATIONAL TEST. F. VIBRATION ANALYSIS SURVEY.

Task/Abbreviation: Q-24512-17 / CY PROP CONT ROD (DD) - RPR

MJC: EXECQE57

Rev Date:

Std Template:

Sit Reqs: D/D

Priority: Highly Desirable

Qty: 2

Matl Forecast: YES

Lvl of Maint: Depot

Freq: 70

Equip/Task: 1

Matl Cost: 2,295

ManDays: 51

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

REPAIR THE CONTROL ROD ASSEMBLY OF THE CYCLOIDAL PITCH-TYPE PROPELLER SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS. MEASURE AND RECORD AS-FOUND CLEARANCES. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE USING NEW GASKETS, LOCKING RINGS, "O"-RINGS, SEALS AND PACKING. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. MEASURE AND RECORD POST-REPAIRS CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPAIR DESIGNATED SPEED AND STEERING HYDRAULIC CYLINDER AND PISTON ROD ASSEMBLIES. B. REPLACE UPPER PUSH ROD SLEEVE. C. REPLACE UPPER RADIAL ARTICULATED JOINT BEARING. D. REPLACE CENTRAL SPHERICAL BUSHING. E. REPLACE LOWER SPHERICAL BUSHING. F. REPLACE CENTRAL PIN. G. REPLACE LOWER PIN.

**Task/Abbreviation:** Q-24512-18 / CY PROP WORM SFT - RPR**MJC:** EXECQE59**Rev Date:****Std Template:****Sit Reqs:** D/D**Priority:** Highly Desirable**Qty:** 2**Matl Forecast:** NO**Lvl of Maint:** Depot**Freq:** 70**Equip/Task:** 1**Matl Cost:** 1,575**ManDays:** 35**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE WORM SHAFT ASSEMBLY OF THE CYCLOIDAL PITCH-TYPE PROPELLER SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS. MEASURE AND RECORD AS-FOUND CLEARANCES, DIMENSIONS AND RUNOUTS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE USING NEW GASKETS, LOCKING RINGS, "O"-RINGS AND SEALS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. MEASURE AND RECORD POST-REPAIRS CLEARANCES, DIMENSIONS AND RUNOUTS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE WORM SHAFT ASSEMBLY. B. REPLACE TAPERED ROLLER BEARING (FWD). C. REPLACE SELF-ALIGNED ROLLER BEARING (AFT). D. REPLACE COUPLING (WORM TO CONTROL MAIN OIL PUMP).

Task/Abbreviation: Q-24512-19 / CY PROP LOWER CSG (DD) - RPR

MJC: EXECQE61

Rev Date:

Std Template:

Sit Reqs: D/D

Priority: Highly Desirable

Qty: 2

Matl Forecast: NO

Lvl of Maint: Depot

Freq: 70

Equip/Task: 1

Matl Cost: 1,575

ManDays: 35

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

REPAIR THE LOWER PROPELLER CASING, THRUST PLATE AND DRIVING SLEEVE OF THE CYCLOIDAL PITCH-TYPE PROPELLER SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS. MEASURE AND RECORD AS-FOUND CLEARANCES, DIMENSIONS AND RUNOUTS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE USING NEW GASKETS, LOCKING RINGS, "O"-RINGS AND SEALS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. MEASURE AND RECORD POST-REPAIRS CLEARANCES, DIMENSIONS AND RUNOUTS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RESURFACE/MACHINE WORM GEAR RING MOUNTING FACE. B. REPLACE WORM GEAR RING. C. GRIND THRUST PLATE. D. REPLACE THRUST PLATE. E. RESURFACE/MACHINE UPPER THRUST RING MOUNTING FACE. F. REPLACE UPPER THRUST RING. G. GRIND ADJUSTING RING. H. RESURFACE/MACHINE LOWER THRUST RING MOUNTING FACE. I. REPLACE LOWER THRUST RING. J. RESURFACE AND/OR MACHINE LOWER THRUST RING BASE.

Task/Abbreviation: Q-24512-20 / CY PROP ROTOR CSG (DD)- RPR

MJC: EXECQE63

Rev Date:

Std Template:

Sit Reqs: D/D

Priority: Highly Desirable

Qty: 2

Matl Forecast: NO

Lvl of Maint: Depot

Freq: 70

Equip/Task: 1

Matl Cost: 1,575

ManDays: 35

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

REPAIR THE ROTOR CASING OF THE CYCLOIDAL PITCH-TYPE PROPELLER SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS. MEASURE AND RECORD AS-FOUND CLEARANCES, DIMENSIONS AND RUNOUTS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE USING NEW GASKETS, LOCKING RINGS, "O"-RINGS AND SEALS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. MEASURE AND RECORD POST-REPAIRS CLEARANCES, DIMENSIONS & RUNOUTS. REPLACE LUBRICATING OIL. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE DESIGNATED SACRIFICIAL ANODES. B. REPAIR DESIGNATED BLADES. C. REPLACE DESIGNATED BLADES. D. REPLACE DESIGNATED "CA" BUSHINGS. E. RESURFACE AND MACHINE UPPER BEARING PLATE. F. RESURFACE AND MACHINE LOWER BEARING PLATE. G. REPLACE DESIGNATED UPPER PLAIN BEARING RINGS. H. REPLACE DESIGNATED UPPER PLAIN BEARING BUSHINGS. I. RESURFACE & MACHINE DESIGNATED BLADE BEARING CAPS. J. REPLACE DESIGNATED ACTUATING LEVERS.

**Task/Abbreviation:** I-24512-22 / CY PROP MOT DRVN HYDR PMP-INSP

**MJC:** EXECI310

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

INSPECT AND TEST THE PUMP UNIT (ROTARY/SCREW). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. TO INCLUDE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TEST. C. VIBRATION ANALYSIS SURVEY. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E. CONDUCT FLOW TEST.

**Task/Abbreviation:** I-24512-26 / CY PROP MOT DRVN LO PMP - INSP

**MJC:** EXECI312

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

INSPECT AND TEST THE NON-ATTACHED LUBRICATION OIL PUMP UNIT (ROTARY/GEAR) OF THE CYCLOIDAL PITCH-TYPE PROPELLER SYSTEM. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. TO INCLUDE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TEST. C. VIBRATIONAL ANALYSIS SURVEY. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E. CONDUCT FLOW TEST.

**Task/Abbreviation:** Q-24512-29 / CY PROP ELEC CONT OIL HTR -RPR**MJC:** EXECQE77**Rev Date:****Std Template:****Sit Reqs:****Priority:** Highly Desirable**Qty:** 2**Matl Forecast:** YES**Lvl of Maint:** Depot**Freq:** 70**Equip/Task:** 1**Matl Cost:** 675**ManDays:** 15**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:****Problem Description:****Recommended Solution:**

BASELINE

TBD

ACCOMPLISH THE FOLLOWING REPAIRS TO THE CONTROL OIL ELECTRIC HEATER OF THE CYCLOIDAL PITCH-TYPE PROPELLER SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY-TEST SHELL SIDE AND REMOVE HEADS FOR CLEANING AND SHELL 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. REMOVE ELECTRIC HEATER TO SHOP FOR REPAIRS. B. ACCOMPLISH STRUCTURAL REPAIRS TO SHELL. C. ACCOMPLISH STRUCTURAL REPAIRS TO HEADS. D. REPLACE HEADS. E. REPLACE HEATING ELEMENTS (ELECTRODES).

**Task/Abbreviation:** Z-24512-31 / CY PROP LO - CHG

**MJC:** EXECZ003

**Rev Date:**

**Std Template:** **Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 73

**Equip/Task:** 1

**Matl Cost:** 90

**ManDays:** 2

**Referenced Authority:**

CNSL LTR 4700 SER N431B3/3033 OF 30 MAY 1995

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH CHANGE OUT OF CYCLOIDAL PITCH PROPELLER LUBRICATING OIL.  
NOTE: ACCOMPLISH IAW MIP 2451/008.

**Task/Abbreviation:** Q-24512-34 / CY PROP LO CLR - CLN/FLUSH

**MJC:** EXECQK09

**Rev Date:** 05/21/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH CLEAN, FLUSH AND HYDROSTATIC TEST OF THE LUBE OIL COOLER OF THE CYCLOIDAL PITCH-TYPE PROPELLER SYSTEM IN ACCORDANCE WITH NSWCCD DOCUMENT SERIAL NO. 9323-98-MHC51-002. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP.

**Task/Abbreviation:** Q-24512-35 / CY PROP BLADE SEAL (DD) - REPL

**MJC:** EXECQK40

**Rev Date:** 09/14/2000

**Std Template:**

**Sit Reqs:** D/D

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 1,500

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

REPLACE THE CYCLOIDAL PROPELLER BLADE SEAL(S) IN ACCORDANCE WITH S9245-BM-MMA-010.

Task/Abbreviation: Q-24512-43 / CY PROP SYS - REPL/TST

MJC: EXECQK77

Rev Date: 07/17/2002

Std Template:

Sit Reqs: D/D

Priority: Highly Desirable

Qty: 2

Matl Forecast: NO

Lvl of Maint: Depot

Freq: 70

Equip/Task: 1

Matl Cost: 545,000

ManDays: 450

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

REPLACE THE CYCLOIDAL PITCH PROPELLER (VSP) WITH OVERHAULED UNIT AS FOLLOWS: PRIOR TO REMOVAL VISUALLY INSPECT VSP (VOITH SCHNEIDER PROPELLER) SYSTEM THEN REPORT CONDITIONS FOUND TO THE NSA. DRAIN OIL FROM THE INTERNAL CONTROL OIL SYSTEM (COS) AND LOW PRESSURE LUBRICATION OIL SYSTEM (LOS) ROTOR CASING. REMOVE THE VSP UNIT AND BLADES. UNCRATE AND INSPECT GFM VSP UNIT AND BLADES. PROVIDE COATING INSPECTOR AND PRESERVE GFM VSP UNDERWATER APPENDAGES AND BLADES. INSTALL AND ALIGN GFM VSP UNIT AND BLADES. ACCOMPLISH HOT OIL FLUSH OF VSP LOS. FILL VSP COS AND LOS WITH CLEAN NEW HYDRAULIC FLUID. ACCOMPLISH OP TEST OF VSP. CRATE AND SHIP BY MOST EXPEDITIOUS METHOD (AIR FREIGHT) THE REMOVED VSP UNIT AND BLADES TO OEM. OEM OVERHAUL SHIPPED VSP UNIT AND BLADES. OEM SHIP REPAIRED VSP UNIT AND BLADES TO FISC DETACHMENT INGLESIDE, TX. NOTE: 1. OEM IS VOITH SHIFFSTECHNIK GMBH & CO. KG RUCKWARE. 2. FTSCLANT DI REPRESENTATIVE SHALL PROVIDE TECHNICAL DIRECTION DURING REMOVAL, INSTALLATION, AND SEA TRIAL TESTING.

**Task/Abbreviation:** A-25210-4 / AER MHC51-63038E - ACCOMP

**MJC:** EXTYA519

**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:**

BASELINE

**Problem Description:**

AER MHC51-63038, LCP GROUNDING STRAPS,  
NOT ACCOMPLISHED

**Recommended Solution:**

ACCOMPLISH AER MHC51-63038 WHICH INSTALLS ELECTRICAL GROUNDING STRAPS  
ON LCP DOORS SIMILAR TO VSP LCPS.

**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:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 1,800

**ManDays:** 40

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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.

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**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:**

BASELINE

**Problem Description:**

NSTM REQUIREMENT DUE

**Recommended Solution:**

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:** A-25910-13 / AER MHC51-60270E - ACCOMP

**MJC:** EXTYA164

**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 MHC51-60270E "ENG ENCL EXH FAN CUTOUT SWITCH" WHICH INSTALLS THREE CUTOUT SWITCHES FOR EACH ENGINE ENCLOSURE EXHAUST FAN. 2 MANUAL (LOCAL AND AT SPACE ACCESS) AND ONE PRESSURE (HALON ACTUATION SYSTEM) SWITCHES WILL BE INSTALLED. THIS AER PROVIDES A MEANS TO SECURE THE ENCLOSURE FANS IN CASE OF A FIRE.

**Task/Abbreviation:** I-25911-6 / MPDE MUFFLER/UPTAKE - INSP

**MJC:** EXECIL32

**Rev Date:** 07/12/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Essential

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 22

**Equip/Task:** X

**Matl Cost:** 50

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

SCHEDULED MAINTENANCE FOR THE PREVENTION OF FIRE IN THE EXHAUST UPTAKE SPACES.

**Recommended Solution:**

REMOVE ALL FLANGE WRAPS AND INSPECT EXHAUST UPTAKE SPACE INCLUDING INSULATION, FLANGES AND FASTENERS INCLUDING: A. MUFFLERS. B. UPTAKES (INSPECT FOR EVIDENCE OF SOOT BUILD-UP, BURN MARKS OR EXTERNAL DAMAGE). C. ENGINE TRUNK. D. INSPECT BOLTED EQUIPMENT REMOVAL PLATES (BERPS) INSULATION. E. FLANGES (INSPECT FOR VISIBLE INDICAITONS OF LEAKAGE AT FLANGED JOINTS). F. FLANGE BOLTS. G. EXHAUST FANS (ENSURE SPACE AND FANS ARE CLEAR OF DIRT AND DEBRIS). INDICATE: 1. \_\_\_\_\_ LINEAR FEET OF DAMAGED/DETERIORATED INSULATION. 2. \_\_\_\_\_ LINEAR FEET OF LOOSE OR MISSING INSULATION, 3. FLANGE BOLT TORQUES.

**Task/Abbreviation:** Q-25911-7 / MPDE MUFFLER/UPTAKE - RPR

**MJC:** EXECQL33

**Rev Date:** 07/12/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Essential

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 22

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE UPTAKE SPACE SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS FOLLOWS: A. REPLACE \_\_\_\_\_LINEAR FEET OF DAMAGED/DETERIORATED INSULATION. B. REPLACE \_\_\_\_\_LINEAR FEET OF MISSING INSULATION. C. ENSURE PROPER TORQUE OF FLANGE BOLTS.

**Task/Abbreviation:** I-25912-6 / MPDE MUFFLER/UPTAKE - INSP**MJC:** EXECIL32**Rev Date:** 07/12/2004**Std Template:****Sit Reqs:****Priority:** Essential**Qty:** 1**Matl Forecast:** NO**Lvl of Maint:** Intermediate**Freq:** 22**Equip/Task:** X**Matl Cost:** 50**ManDays:** 1**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

SCHEDULED MAINTENANCE FOR THE PREVENTION OF FIRE IN THE EXHAUST UPTAKE SPACES.

**Recommended Solution:**

REMOVE ALL FLANGE WRAPS AND INSPECT EXHAUST UPTAKE SPACE INCLUDING INSULATION, FLANGES AND FASTENERS INCLUDING: A. MUFFLERS. B. UPTAKES (INSPECT FOR EVIDENCE OF SOOT BUILD-UP, BURN MARKS OR EXTERNAL DAMAGE). C. ENGINE TRUNK. D. INSPECT BOLTED EQUIPMENT REMOVAL PLATES (BERPS) INSULATION. E. FLANGES (INSPECT FOR VISIBLE INDICAITONS OF LEAKAGE AT FLANGED JOINTS). F. FLANGE BOLTS. G. EXHAUST FANS (ENSURE SPACE AND FANS ARE CLEAR OF DIRT AND DEBRIS). INDICATE: 1. \_\_\_\_\_ LINEAR FEET OF DAMAGED/DETERIORATED INSULATION. 2. \_\_\_\_\_ LINEAR FEET OF LOOSE OR MISSING INSULATION, 3. FLANGE BOLT TORQUES.

**Task/Abbreviation:** Q-25912-7 / MPDE MUFFLER/UPTAKE - RPR

**MJC:** EXECQL33

**Rev Date:** 07/12/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Essential

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 22

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE UPTAKE SPACE SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS FOLLOWS: A. REPLACE \_\_\_\_\_ LINEAR FEET OF DAMAGED/DETERIORATED INSULATION. B. REPLACE \_\_\_\_\_ LINEAR FEET OF MISSING INSULATION. C. ENSURE PROPER TORQUE OF FLANGE BOLTS.

**Task/Abbreviation:** I-26111-1 A / FO SVCE PP - UT

**MJC:** EXEC1101

**Rev Date:**

**Std Template:** **Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate **Freq:** 70

**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:** Z-26111-13 / FO RLF VLVS - TST

**MJC:** EXECZ059

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:** 250

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

DE-ENERGIZE CIRCUIT AND TAG "OUT OF SERVICE". SHUT APPLICABLE ISOLATION VALVE(S) AND TAG "DO NOT OPEN". REMOVE RELIEF VALVE. COVER VALVE AND PIPE FLANGE OPENINGS WITH PRESSURE SENSITIVE TAPE. TAG VALVE TO IDENTIFY LOCATION, SHIP AND LIFTING PRESSURE. DELIVER VALVE TO REPAIR ACTIVITY FOR TEST; PICK UP UPON COMPLETION OF WORK. REMOVE PRESSURE SENSITIVE TAPE. CLEAN FLANGE SURFACES AND REMOVE IDENTIFICATION TAG. REINSTALL VALVE WITH NEW GASKET. REMOVE SAFETY TAGS; OPEN APPLICABLE ISOLATION VALVE(S). REMOVE SAFETY TAGS AND ENERGIZE CIRCUIT. PRESSURIZE SYSTEM; INSPECT FOR LEAKS. RETURN EQUIPMENT TO READINESS CONDITION.

**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:** 22

**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: 70

Equip/Task: 1

Matl Cost: 2,475

ManDays: 55

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

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:** 70**Equip/Task:** 1**Matl Cost:** 2,475**ManDays:** 55**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:****Problem Description:****Recommended Solution:**

BASELINE

TBD

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: 70

Equip/Task: 1

Matl Cost: 2,475

ManDays: 55

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

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: 70

Equip/Task: 1

Matl Cost: 2,475

ManDays: 55

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

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:** 70**Equip/Task:** 1**Matl Cost:** 2,475**ManDays:** 55**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:****Problem Description:****Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 2,475

**ManDays:** 55

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**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:** 70

**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:** A-26211-8 / AER MHC51-60257E - ACCOMP

**MJC:** EXTYA161

**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 MHC51-60257E "WASTE DRAIN MODIFICATION" WHICH MODIFIES THE MAIN PROPULSION DIESEL ENGINE LUBE OIL DRAIN SYSTEM BY REDESIGNING THE DRIP PAN TO ACCOMMODATE THE FLOW RATE OF THE LUBE OIL COMING OUT OF THE FILTER HOUSING AND PREVENT SPILLS.

**Task/Abbreviation:** A-26211-9 / AER MHC51-60274E - ACCOMP

**MJC:** EXTYA168

**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 MHC51-60274E "THERMOCOUPLE IFVG TEMP PROBE" WHICH REPLACES THE EXISTING IFVG LUBE OIL SUMP TEMPERATURE PROBE WITH A THERMOCOUPLE MOUNTED EXTERNALLY ON THE TANK AND CHANGES THE SENSOR WIRING FROM IRON TO COPPER.

**Task/Abbreviation:** Z-30200-1 / CONT - INSP

**MJC:** EXECZ096

**Rev Date:** 07/29/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 24

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT CONTROLLERS WITH BUS WORK INSTALLED ON BACK OF CONTROLLER MOUNTING BOARD IN ACCORDANCE WITH PMS MIP 3001/002.

**Task/Abbreviation:** A-31120-10 / AER MHC51-60067E - ACCOMP

**MJC:** EXTYA149

**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:**

BASELINE

**Problem Description:**

TYCOM AUTHORIZED ALTERATION

**Recommended Solution:**

ACCOMPLISH AER MHC51-60067E "PROVIDE EQUIPMENT LIFTING PADEYES". THIS WORK PACKAGE PROVIDES EQUIPMENT LIFTING PADEYES TO FACILITATE REMOVAL OF THE SSDG END BELL DURING CLEANING AND TROUBLESHOOTING OF THE GENERATOR END BELL HOUSING.

**Task/Abbreviation:** I-31121-1 / SSDG AC GEN - INSP/ TST

**MJC:** EXEC112

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

JOINT FLEET MAINTENANCE MANUAL INST 4790.3 VOLUME 4 PARA 7.3

**Reason:**

MCM/MHC

**Problem Description:**

JOINT FLEET MAINTENANCE MANUAL  
REQUIREMENT DUE

**Recommended Solution:**

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:** 70

**Equip/Task:** 1

**Matl Cost:** 6,885

**ManDays:** 153

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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-31121-16 / SSDG AIR CLR - RPR**MJC:** EXECQB78**Rev Date:****Std Template:****Sit Reqs:****Priority:** Highly Desirable**Qty:** 3**Matl Forecast:** YES**Lvl of Maint:** Depot**Freq:** 70**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 10**Referenced Authority:**

FLEET REQUIREMENTS

**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:** Z-31121-19 / SSDG SET - CLN/ INSP

**MJC:** EXECZ004

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:** 45

**ManDays:** 1

**Referenced Authority:**

CNSL LTR 4700 SER N431B3/3033 OF 30 MAY 1995

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH CLEANING AND INSPECTION OF THE SHIP'S SERVICE DIESEL GENERATOR SET AND PERMANENT MAGNET GENERATOR. NOTE: ACCOMPLISH IAW MIP 3112/015 & MRC 56 8YEH N.

**Task/Abbreviation:** Q-31121-24 / SSDG ENG INCLR - CLN

**MJC:** EXECQG14

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

ACCOMPLISH THE FOLLOWING TO THE INTERCOOLER OF THE SSDG DIESEL ENGINE PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** I-31121-25 / SSDG GEN RESIL MT - INSP

**MJC:** EXECI347

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** X

**Matl Cost:** 90

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

INSPECT COMPOUND RESILIENT MOUNTS ON THE SHIP'S SERVICE DIESEL GENERATOR. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP.

**Task/Abbreviation:** Q-31121-26 / SSDG GEN RESIL MT - REPL

**MJC:** EXECQG17

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** X

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

REPLACE BOTH LAYERS OF RESILIENT MOUNTS ON THE SHIP'S SERVICE DIESEL GENERATOR. REPLACE RESILIENT MOUNT IDENTIFICATION STAMPS WITH METAL STAMP TO IDENTIFY MOUNT REPLACEMENT DATE. METAL STAMP TO BE PLACED ADJACENT TO EACH MOUNT.

**Task/Abbreviation:** I-31121-27 / SSDG ENG RESIL MT - INSP

**MJC:** EXECI350

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** X

**Matl Cost:** 90

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

INSPECT RESILIENT MOUNTS ON THE SSDG DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP.

**Task/Abbreviation:** Q-31121-28 / SSDG ENG RESIL MT - REPL

**MJC:** EXECQG20

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** X

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

REPLACE RESILIENT MOUNTS ON THE SSDG DIESEL ENGINE. REPLACE RESILIENT MOUNT IDENTIFICATION STAMPS WITH METAL STAMP TO IDENTIFY MOUNT REPLACEMENT DATE. METAL STAMP TO BE PLACED ADJACENT TO EACH MOUNT.

**Task/Abbreviation:** Q-31121-29 / SSDG AC GEN - ALIGN

**MJC:** EXECQB81

**Rev Date:** 01/19/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

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:** X

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

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:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

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-31121-36 / SSDG DSL ENG FO CLR - CLN

**MJC:** EXECQJ30

**Rev Date:** 05/10/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** X

**Matl Cost:** 250

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

CLEAN AND INSPECT SHIP SERVICE DIESEL GENERATOR DIESEL ENGINE FUEL OIL COOLER. ACCOMPLISH HYDROSTATIC TEST AND REPORT CONDITIONS FOUND TO THE SHIP'S CSMP.

**Task/Abbreviation:** Z-31121-38 / SSDG DSL ENG CYL - INSP

**MJC:** EXECZ077

**Rev Date:** 02/17/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 8

**Matl Forecast:** YES

**Lvl of Maint:** Intermediate

**Freq:** 18

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT WITH BORESCOPE THE DIESEL ENGINE CYLINDERS OF THE SHIP SERVICE DIESEL GENERATOR SET IN ACCORDANCE WITH PMS MIP 3112/015. NOTE: ACCOMPLISH EVERY 500 HOURS OF ENGINE OPERATION.

**Task/Abbreviation:** Z-31121-39 / SSDG DSL ENG - LAYUP

**MJC:** EXECZ080

**Rev Date:** 02/17/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** YES

**Lvl of Maint:** Intermediate

**Freq:** 18

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

PREPARE THE DIESEL ENGINE OF THE SHIP SERVICE DIESEL GENERATOR SET FOR INACTIVITY IN ACCORDANCE WITH PMS MIP 3112/015.

**Task/Abbreviation:** Z-31121-40 / SSDG DSL GEN - LAYUP

**MJC:** EXECZ083

**Rev Date:** 02/17/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Intermediate

**Freq:** 18

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

PREPARE THE GENERATOR OF THE SHIP SERVICE DIESEL GENERATOR SET FOR INACTIVITY IN ACCORDANCE WITH PMS MIP 3112/015.

**Task/Abbreviation:** Z-31121-41 / SSDG DSL ENG - PREP FOR OPN

**MJC:** EXECZ086

**Rev Date:** 02/17/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Intermediate

**Freq:** 18

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

PREPARE THE DIESEL ENGINE OF THE SHIP SERVICE DIESEL GENERATOR SET FOR OPERATION IN ACCORDANCE WITH PMS MIP 3112/015.

**Task/Abbreviation:** Z-31121-42 / SSDG DSL GEN - PREP FOR OPN

**MJC:** EXECZ089

**Rev Date:** 02/17/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Intermediate

**Freq:** 18

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

PREPARE THE GENERATOR OF THE SHIP SERVICE DIESEL GENERATOR SET FOR OPERATION IN ACCORDANCE WITH PMS MIP 3112/015.

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: 70

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-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:** 22

**Equip/Task:** 1

**Matl Cost:** 150

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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-31121-53 / SSDG AIR CLR - PLUG TB

**MJC:** EXECJ614

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-31121-54 / SSDG AIR CLR - REPL BUNDLE

**MJC:** EXECJ619

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-31121-55 / SSDG AIR CLR - REPL TB

**MJC:** EXECJ624

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-31121-56 / SSDG AIR CLR - REPL ZINCS

**MJC:** EXECJ629

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-31121-57 / SSDG AIR CLR - REROLL TB

**MJC:** EXECJ634

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-31121-58 / SSDG AIR CLR - RPR TB SH

**MJC:** EXECJ639

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-31121-59 / SSDG AIR CLR - RPR TB SPRTS

**MJC:** EXECJ644

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-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: 70

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 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:** 70

**Equip/Task:** 1

**Matl Cost:** 2,835

**ManDays:** 63

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**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 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:** 70

**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 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:** EXEC1114

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**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:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

JOINT FLEET MAINTENANCE MANUAL INST 4790.3 VOLUME 4 PARA 7.3

**Reason:**

MCM/MHC

**Problem Description:**

JOINT FLEET MAINTENANCE MANUAL  
REQUIREMENT DUE

**Recommended Solution:**

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:** 70

**Equip/Task:** 1

**Matl Cost:** 6,885

**ManDays:** 153

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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-31122-16 / SSDG AIR CLR - RPR

**MJC:** EXECQB79

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**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:** Z-31122-19 / SSDG SET - CLN/ INSP

**MJC:** EXECZ005

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:** 45

**ManDays:** 1

**Referenced Authority:**

CNSL LTR 4700 SER N431B3/3033 OF 30 MAY 1995

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH CLEANING AND INSPECTION OF THE SHIP'S SERVICE DIESEL GENERATOR SET AND PERMANENT MAGNET GENERATOR. NOTE: ACCOMPLISH IAW MIP 3112/015 & MRC 56 8YEH N.

**Task/Abbreviation:** Q-31122-24 / SSDG ENG INCLR - CLN

**MJC:** EXECQG15

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

ACCOMPLISH THE FOLLOWING TO THE INTERCOOLER OF THE SSDG DIESEL ENGINE PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** I-31122-25 / SSDG GEN RESIL MT - INSP

**MJC:** EXECI348

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** X

**Matl Cost:** 90

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

INSPECT COMPOUND RESILIENT MOUNTS ON THE SHIP'S SERVICE DIESEL GENERATOR. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP.

**Task/Abbreviation:** Q-31122-26 / SSDG GEN RESIL MT - REPL

**MJC:** EXECQG18

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** X

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE BOTH LAYERS OF RESILIENT MOUNTS ON THE SHIP'S SERVICE DIESEL GENERATOR. REPLACE RESILIENT MOUNT IDENTIFICATION WITH METAL STAMP TO IDENTIFY MOUNT REPLACEMENT DATE. METAL STAMP TO BE PLACED ADJACENT TO EACH MOUNT.

**Task/Abbreviation:** I-31122-27 / SSDG ENG RESIL MT - INSP

**MJC:** EXECI351

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** X

**Matl Cost:** 90

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

INSPECT RESILIENT MOUNTS ON THE SSDG DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP.

**Task/Abbreviation:** Q-31122-28 / SSDG ENG RESIL MT - REPL

**MJC:** EXECQG21

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** X

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

REPLACE RESILIENT MOUNTS ON THE SSDG DIESEL ENGINE. REPLACE RESILIENT MOUNT IDENTIFICATION STAMPS WITH METAL STAMP TO IDENTIFY MOUNT REPLACEMENT DATE. METAL STAMP TO BE PLACED ADJACENT TO EACH MOUNT.

---

**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:** 70**Equip/Task:** 1**Matl Cost:** 225**ManDays:** 5**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:****Problem Description:****Recommended Solution:**

BASELINE

TBD

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:**

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-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:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

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:** X

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 6

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

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:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

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-31122-36 / SSDG DSL ENG FO CLR - CLN

**MJC:** EXECQJ31

**Rev Date:** 05/10/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** X

**Matl Cost:** 250

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

CLEAN AND INSPECT SHIP SERVICE DIESEL GENERATOR DIESEL ENGINE FUEL OIL COOLER. ACCOMPLISH HYDROSTATIC TEST AND REPORT CONDITIONS FOUND TO THE SHIP'S CSMP.

**Task/Abbreviation:** Z-31122-38 / SSDG DSL ENG CYL - INSP

**MJC:** EXECZ078

**Rev Date:** 02/17/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 8

**Matl Forecast:** YES

**Lvl of Maint:** Intermediate

**Freq:** 18

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT WITH BORESCOPE THE DIESEL ENGINE CYLINDERS OF THE SHIP SERVICE DIESEL GENERATOR SET IN ACCORDANCE WITH PMS MIP 3112/015. NOTE: ACCOMPLISH EVERY 500 HOURS OF ENGINE OPERATION.

**Task/Abbreviation:** Z-31122-39 / SSDG DSL ENG - LAYUP

**MJC:** EXECZ082

**Rev Date:** 02/17/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Intermediate

**Freq:** 18

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

PREPARE THE DIESEL ENGINE OF THE SHIP SERVICE DIESEL GENERATOR SET FOR INACTIVITY IN ACCORDANCE WITH PMS MIP 3112/015.

**Task/Abbreviation:** Z-31122-40 / SSDG DSL GEN - LAYUP

**MJC:** EXECZ084

**Rev Date:** 02/17/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Intermediate

**Freq:** 18

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

PREPARE THE GENERATOR OF THE SHIP SERVICE DIESEL GENERATOR SET FOR INACTIVITY IN ACCORDANCE WITH PMS MIP 3112/015.

**Task/Abbreviation:** Z-31122-41 / SSDG DSL ENG - PREP FOR OPN

**MJC:** EXECZ087

**Rev Date:** 02/17/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Intermediate

**Freq:** 18

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

PREPARE THE DIESEL ENGINE OF THE SHIP SERVICE DIESEL GENERATOR SET FOR OPERATION IN ACCORDANCE WITH PMS MIP 3112/015.

**Task/Abbreviation:** Z-31122-42 / SSDG DSL GEN - PREP FOR OPN

**MJC:** EXECZ090

**Rev Date:** 02/17/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Intermediate

**Freq:** 18

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

PREPARE THE GENERATOR OF THE SHIP SERVICE DIESEL GENERATOR SET FOR OPERATION IN ACCORDANCE WITH PMS MIP 3112/015.

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: 70

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-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:** 70

**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-31122-53 / SSDG AIR CLR - PLUG TB

**MJC:** EXECJ615

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-31122-54 / SSDG AIR CLR - REPL BUNDLE

**MJC:** EXECJ620

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-31122-55 / SSDG AIR CLR - REPL TB

**MJC:** EXECJ625

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-31122-56 / SSDG AIR CLR - REPL ZINCS

**MJC:** EXECJ630

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-31122-57 / SSDG AIR CLR - REROLL TB

**MJC:** EXECJ635

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-31122-58 / SSDG AIR CLR - RPR TB SH

**MJC:** EXECJ640

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-31122-59 / SSDG AIR CLR - RPR TB SPRTS

**MJC:** EXECJ645

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-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: 70

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 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:** 70

**Equip/Task:** 1

**Matl Cost:** 2,835

**ManDays:** 63

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**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 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:** 70

**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 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:** EXEC1116

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

JOINT FLEET MAINTENANCE MANUAL INST 4790.3 VOLUME 4 PARA 7.3

**Reason:**

MCM/MHC

**Problem Description:**

JOINT FLEET MAINTENANCE MANUAL  
REQUIREMENT DUE

**Recommended Solution:**

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:** 70

**Equip/Task:** 1

**Matl Cost:** 6,885

**ManDays:** 153

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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.

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**Task/Abbreviation:** Q-31123-16 / SSDG AIR CLR - RPR**MJC:** EXECQB80**Rev Date:****Std Template:****Sit Reqs:****Priority:** Highly Desirable**Qty:** 3**Matl Forecast:** YES**Lvl of Maint:** Depot**Freq:** 70**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 10**Referenced Authority:**

FLEET REQUIREMENTS

**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:** Z-31123-19 / SSDG SET - CLN/ INSP

**MJC:** EXECZ006

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:** 45

**ManDays:** 1

**Referenced Authority:**

CNSL LTR 4700 SER N431B3/3033 OF 30 MAY 1995

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH CLEANING AND INSPECTION OF THE SHIP'S SERVICE DIESEL GENERATOR SET AND PERMANENT MAGNET GENERATOR. NOTE: ACCOMPLISH IAW MIP 3112/015 & MRC 56 8YEH N.

**Task/Abbreviation:** Q-31123-24 / SSDG ENG INCLR - CLN

**MJC:** EXECQG16

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

ACCOMPLISH THE FOLLOWING TO THE INTERCOOLER OF THE SSDG DIESEL ENGINE PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** I-31123-25 / SSDG GEN RESIL MT - INSP

**MJC:** EXECI349

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** X

**Matl Cost:** 90

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

INSPECT COMPOUND RESILIENT MOUNTS ON THE SHIP'S SERVICE DIESEL GENERATOR. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP.

**Task/Abbreviation:** Q-31123-26 / SSDG GEN RESIL MT - REPL

**MJC:** EXECQG19

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** X

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE BOTH LAYERS OF RESILIENT MOUNTS ON THE SHIP'S SERVICE DIESEL GENERATOR. REPLACE RESILIENT MOUNT IDENTIFICATION WITH METAL STAMP TO IDENTIFY MOUNT REPLACEMENT DATE. METAL STAMP TO BE PLACED ADJACENT TO EACH MOUNT.

**Task/Abbreviation:** I-31123-27 / SSDG ENG RESIL MT - INSP

**MJC:** EXECI352

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** X

**Matl Cost:** 90

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

INSPECT RESILIENT MOUNTS ON THE SSDG DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP.

**Task/Abbreviation:** Q-31123-28 / SSDG ENG RESIL MT - REPL

**MJC:** EXECQG22

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** X

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

REPLACE RESILIENT MOUNTS ON THE SSDG DIESEL ENGINE. REPLACE RESILIENT MOUNT IDENTIFICATION STAMPS WITH METAL STAMP TO IDENTIFY MOUNT REPLACEMENT DATE. METAL STAMP TO BE PLACED ADJACENT TO EACH MOUNT.

**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:** 70

**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:**

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-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:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

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:** X

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

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:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

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-31123-35 / SSDG DSL ENG FO CLR - CLN

**MJC:** EXECQK06

**Rev Date:** 05/24/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** X

**Matl Cost:** 250

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

CLEAN AND INSPECT SHIP SERVICE DIESEL GENERATOR DIESEL ENGINE FUEL OIL COOLER. ACCOMPLISH HYDROSTATIC TEST AND REPORT CONDITIONS FOUND TO THE SHIP'S CSMP.

**Task/Abbreviation:** Z-31123-36 / SSDG DSL ENG CYL - INSP

**MJC:** EXECZ079

**Rev Date:** 02/17/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Intermediate

**Freq:** 18

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT WITH BORESCOPE THE DIESEL ENGINE CYLINDERS OF THE SHIP SERVICE DIESEL GENERATOR SET IN ACCORDANCE WITH PMS MIP 3112/015. NOTE: ACCOMPLISH EVERY 500 HOURS OF ENGINE OPERATION.

**Task/Abbreviation:** Z-31123-37 / SSDG DSL ENG - LAYUP

**MJC:** EXECZ081

**Rev Date:** 02/17/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Intermediate

**Freq:** 18

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

PREPARE THE DIESEL ENGINE OF THE SHIP SERVICE DIESEL GENERATOR SET FOR INACTIVITY IN ACCORDANCE WITH PMS MIP 3112/015.

**Task/Abbreviation:** Z-31123-38 / SSDG DSL GEN - LAYUP

**MJC:** EXECZ085

**Rev Date:** 02/17/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Intermediate

**Freq:** 18

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

PREPARE THE GENERATOR OF THE SHIP SERVICE DIESEL GENERATOR SET FOR INACTIVITY IN ACCORDANCE WITH PMS MIP 3112/015.

**Task/Abbreviation:** Z-31123-39 / SSDG DSL ENG - PREP FOR OPN

**MJC:** EXECZ088

**Rev Date:** 02/17/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Intermediate

**Freq:** 18

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

PREPARE THE DIESEL ENGINE OF THE SHIP SERVICE DIESEL GENERATOR SET FOR OPERATION IN ACCORDANCE WITH PMS MIP 3112/015.

**Task/Abbreviation:** Z-31123-40 / SSDG DSL GEN - PREP FOR OPN

**MJC:** EXECZ091

**Rev Date:** 02/17/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Intermediate

**Freq:** 18

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

PREPARE THE GENERATOR OF THE SHIP SERVICE DIESEL GENERATOR SET FOR OPERATION IN ACCORDANCE WITH PMS MIP 3112/015.

**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:** 70**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:** 22

**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-31123-53 / SSDG AIR CLR - PLUG TB

**MJC:** EXECJ616

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-31123-54 / SSDG AIR CLR - REPL BUNDLE

**MJC:** EXECJ621

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-31123-55 / SSDG AIR CLR - REPL TB

**MJC:** EXECJ626

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-31123-56 / SSDG AIR CLR - REPL ZINCS

**MJC:** EXECJ631

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-31123-57 / SSDG AIR CLR - REROLL TB

**MJC:** EXECJ636

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-31123-58 / SSDG AIR CLR - RPR TB SH

**MJC:** EXECJ641

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-31123-59 / SSDG AIR CLR - RPR TB SPRTS

**MJC:** EXECJ646

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-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:** 70

**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:** 70

**Equip/Task:** 1

**Matl Cost:** 2,835

**ManDays:** 63

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**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 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:** 70

**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 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:** Z-31311-3 / UPS BATTERY CHARGER -CLN/ INSP

**MJC:** EXECZ024

**Rev Date:**

**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:**

CNSL LTR 4700 SER N431B3/3033 OF 30 MAY 1995

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

ACCOMPLISH CLEANING AND INSPECTION OF UNINTERRUPTIBLE POWER SUPPLY BATTERY CHARGER. NOTE: ACCOMPLISH IAW MIP 3131/005 & MRC 95 4FLK N.

**Task/Abbreviation:** Z-31311-4 / BATTERY CHARGER-MEAS INSUL RES

**MJC:** EXECZ025

**Rev Date:** 05/14/1998

**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:**

CNSL LTR 4700 SER N431B3/3033 OF 30 MAY 1995

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

MEASURE UNINTERRUPTIBLE POWER SUPPLY BATTERY CHARGER INSULATION RESISTANCE. A. REMOVE FUSES. B. MEASURE INSULATION RESISTANCE OF CHARGER INPUT AND OUTPUT LEADS; MINIMUM ACCEPTABLE RESISTANCE IS 1.0 MEGOHM. C. REINSTALL FUSES. D. CLOSE OR REINSTALL ACCESS COVERS. E. RECONNECT BATTERY CHARGING CABLES TO BATTERIES, IF APPLICABLE. F. REMOVE SAFETY TAG. RETURN EQUIPMENT TO READINESS CONDITION. NOTES: 1. ACCOMPLISH IAW MIP 3131/005 & MRC 95 4FLK N. 2. DO NOT USE A MEGGER TO MEASURE INSULATION RESISTANCE OF ELECTRONIC CONTROL DEVICES. FAILURE TO OBSERVE THIS PRECAUTION MAY RESULT IN DAMAGE TO RECTIFIER UNITS AND OTHER CONTROL ELEMENTS.

**Task/Abbreviation:** I-31421-1 / 400HZ MG SET - INSP/ TST

**MJC:** EXEC125

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 2,835

**ManDays:** 63

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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).

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**Task/Abbreviation:** Z-31421-3 / CONT CABINET - INSP**MJC:** EXECZ026**Rev Date:****Std Template:****Sit Reqs:****Priority:** Highly Desirable**Qty:** 2**Matl Forecast:** NO**Lvl of Maint:** Intermediate**Freq:** 12**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Referenced Authority:**

CNSL LTR 4700 SER N431B3/3033 OF 30 MAY 1995

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH CLEANING AND INSPECTION OF THE 400HZ MOTOR GENERATOR CONTROL CABINET. A. VACUUM INTERIOR OF UNIT AND COMPONENTS. USE BRUSH TO LOOSEN DIRT. B. CLEAN ACCESSIBLE AREAS WITH CLEANING CLOTHS. C. INSPECT WIRING AND COMPONENT INSULATION FOR DISCOLORATION OR DETERIORATION. D. INSPECT ELECTRICAL CONNECTIONS AND MECHANICAL FASTENERS FOR TIGHTNESS. TIGHTEN LOOSE CONNECTIONS. E. ENSURE MODULES ARE PROPERLY POSITIONED AND CONNECTOR PLUGS ARE TIGHT. F. INSPECT EXPOSED CONTACTS FOR PITTING, WEAR, ALIGNMENT, AND CLEANLINESS. G. CLOSE CONTROL CABINETS. H. REMOVE SAFETY TAGS AND ENERGIZE CIRCUITS. I. RETURN EQUIPMENT TO READINESS CONDITION. NOTE: ACCOMPLISH IAW MIP 3142/006 & MRC 63 8XAW N.

**Task/Abbreviation:** J-31421-10 / 400HZ MG SET SLIP RINGS-REPL

**MJC:** EXECJE52

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**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:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 2,835

**ManDays:** 63

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** EXEC127

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 30

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** A-32111-17 / AER MHC51-63028 - ACCOMP

**MJC:** EXTYA523

**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:**

BASELINE

**Problem Description:**

AER MHC51-63028, SEACHEST & MAST GRD  
PLAT MODS, NOT ACCOMPLISHED

**Recommended Solution:**

ACCOMPLISH AER MHC51-63028 WHICH REMOVES GROUND CONNECTION CABLES  
FROM THE SEACHESTS AND ATTACHES CONNECTION TO THE VSP, REMOVES MAST  
GROUNDPLATE AND CONNECTING CABLES.

**Task/Abbreviation:** A-32123-2 / AER MHC51-60153E - ACCOMP

**MJC:** EXTYA155

**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 REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TYCOM AUTHORIZED ALTERATION

ACCOMPLISH AER MHC51-60153E "CO/XO STATEROOM OUTLET" WHICH INSTALLS ADDITIONAL POWER OUTLET FOR PORTABLE ELECTRIC EQUIPMENT IN CO AND XO STATEROOMS.

Task/Abbreviation: I-32411-1 / SS SWGR - INSP/ TST

MJC: EXEC128

Rev Date:

Std Template:

Sit Reqs:

Priority: Highly Desirable

Qty: 1

Matl Forecast: NO

Lvl of Maint: Depot

Freq: 22

Equip/Task: 1

Matl Cost:

ManDays: 3

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

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-32411-2 / EMER SWGR - INSP/ TST**MJC:** EXEC1129**Rev Date:****Std Template:****Sit Reqs:****Priority:** Highly Desirable**Qty:** 1**Matl Forecast:** NO**Lvl of Maint:** Depot**Freq:** 22**Equip/Task:** X**Matl Cost:****ManDays:** 3**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:****Problem Description:****Recommended Solution:**

BASELINE

TBD

VISUALLY INSPECT AND ACCOMPLISH AN INFRARED SURVEY AND/OR ULTRASONIC TESTING ON THE EMERGENCY SWITCHBOARD/SWITCHGEAR TO ENSURE TIGHTNESS OF THE BUS BAR AND CONDUCTOR TERMINALS/LUGS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP TO INCLUDE CIRCUIT BREAKERS, BUS TRANSFER (AUTOMATIC AND MANUAL), 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.

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**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:** 22**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 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 WILL BE ACCOMPLISHED BY SHIP'S FORCE.

**Task/Abbreviation:** Z-32411-5 / SWGR - CLN/ INSP

**MJC:** EXECZ027

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

CNSL LTR 4700 SER N431B3/3033 OF 30 MAY 1995

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

ACCOMPLISH CLEANING AND INSPECTION OF POWER DISTRIBUTION SYSTEM SWITCHGEAR. NOTE: ACCOMPLISH IAW MIP 3241/011 & MRC 26 8TGV N.

**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:** 70

**Equip/Task:** 1

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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-32411-35 / AER MHC51-63041E - ACCOMP

**MJC:** EXTYA530

**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:** 210

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENT

**Reason:**

BASELINE

**Problem Description:**

AER MHC51-63041, FUSE BLOCK COVER  
INSTALLATION, NOT ACCOMPLISHED

**Recommended Solution:**

ACCOMPLISH AER MHC51-63041 WHICH INSTALLS A PROTECTIVE COVER ON  
AQB-A101, AQB-A102, AND AQB-A103 FUSED CIRUCIT BREAKERS.

**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:** 70

**Equip/Task:** 1

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**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:** Z-33111-1 / LIGHTING PNLS - CLN/ INSP

**MJC:** EXECZ028

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 18

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

CNSL LTR 4700 SER N431B3/3033 OF 30 MAY 1995

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH CLEANING AND INSPECTION OF THE POWER DISTRIBUTION SYSTEM LIGHTING AND POWER DISTRIBUTION PANELS. NOTE: ACCOMPLISH IAW MIP 3241/011 & MRC 62 8UKU N.

**Task/Abbreviation:** A-33211-9 / AER MHC51-63026E - ACCOMP

**MJC:** EXTYA535

**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:**

BASELINE

**Problem Description:**

AER MHC51-63026, ADD EMERGENCY LIGHTING IN AMR, NOT ACCOMPLISHED

**Recommended Solution:**

ACCOMPLISH AER MHC51-63026 WHICH INSTALLS SEVEN NEW BATTLE LANTERNS WITH MOUNTS AND WIRES THEM INTO SHIP'S LIGHTING SYSTEMS FOR AUTOMATIC OPERATION.

**Task/Abbreviation:** Z-34211-16 / SSDG RLF VLV - TST

**MJC:** EXECZ060

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:** 250

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

TEST FUEL OIL SYSTEM RELIEF VALVES IN ACCORDANCE WITH PMS MIP 3421/007.

**Task/Abbreviation:** Z-34212-16 / SSDG RLF VLV - TST

**MJC:** EXECZ061

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:** 250

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

TEST FUEL OIL SYSTEM RELIEF VALVES IN ACCORDANCE WITH PMS MIP 3421/007.

**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:** 22**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:** 22

**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:** A-40711-12 / AER MHC51-60272E - ACCOMP

**MJC:** EXTYA166

**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 ALTERATIONS

**Recommended Solution:**

ACCOMPLISH AER MHC51-60272E "ELEC EQUIP GROUNDING STRAPS" WHICH  
INSTALLS LOW RESISTANCE GROUNDING STRAPS FOR ELECTRICALLY ENERGIZED  
EQUIPMENT MOUNTED ON ALL HINGED DOORS OR COVERS.

**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:** 22**Equip/Task:** 001**Matl Cost:** 319**ManDays:** 5**Referenced Authority:****Reason:**

BASELINE

**Problem Description:**

ACCOMPLISHMENT OF AN EMI SURVEY IS REQUIRED.

**Recommended Solution:**

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.

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**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:** 22**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 PRIOR 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:** 22**Equip/Task:** 001**Matl Cost:** 67**ManDays:** 5**Referenced Authority:****Reason:**

BASELINE

**Problem Description:**

A SHIP EMC CERTIFICATION REPORT MUST BE PROVIDED AFTER ACCOMPLISHMENT OF THE SHIP EMC CERTIFICATION.

**Recommended Solution:**

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:** K-41211-19 / SHIPALT MHC51-00008D ACCOMP**MJC:** EXSAK581**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:** 5,236**ManDays:** 125**Referenced Authority:**

FMP

**Reason:**

BASELINE

**Problem Description:**SHIPALT MHC51-00008D, CSITE INSTALLATION,  
NOT ACCOMPLISHED**Recommended Solution:**

ACCOMPLISH SHIPALT MHC51-00008K WHICH INSTALLS THE AN/SSQ-94. THIS IS AN EMBEDDED TRAINER ABOARD MCM AND MHC CLASS SHIPS WHICH WILL PROVIDE ORGANIC TRAINING CAPABILITIES FOR THE SHIP'S COMBAT SYSTEM EQUIPMENT INSTALLED IN THE COMBAT INFORMATION CENTER (CIC). THE AN/SSQ-94 WILL PROVIDE TRAINING TO ENHANCE THE OPERATIONAL PROFICIENCY OF OPERATORS OF COMBAT SYSTEMS EQUIPMENT AND THE TEAM EFFECTIVENESS OF THESE OPERATORS AND OTHER SHIPBOARD PERSONNEL DURING MINE COUNTERMEASURES OPERATIONS. THE AN/SSQ-94 WILL SIMULATE FOR TRAINING PURPOSES THE AN/SQQ-32, AN/SLQ-48(V), AND EITHER THE AN/SSN-2(V) FOR THE MCM 1 CLASS OR THE AN/SYQ-13 FOR THE MHC 51 CLASS. A SMALL RUGGEDIZED COMPUTER WITH A KEYBOARD AND MONITOR WILL BE INSTALLED IN AN OPEN SPACE IN THE PHASE III AN/SSN-2(V) AND A SECOND COMPUTER IN THE PASSAGEWAY NEXT TO THE SONAR MAINTENANCE ROOM. CABLING WILL RUN FROM THE AN/SSQ-94 IN CIC TO EACH OF THE COMBAT SYSTEMS INTERNALLY AND TO BOTH THE MNS MAINTENANCE ROOM AND THE SONAR MAINTENANCE ROOM. THE AN/SSQ-94 WILL PROVIDE AN URGENTLY NEEDED TEAM TRAINING CAPABILITY ON MCM AND MHC CLASS SHIPS.

**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:** 70

**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 COMNAVSEASYS COM 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:** 22

**Equip/Task:** 1

**Matl Cost:** 45

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

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:** K-42315-15 / SHIPALT MHC51-00154 - ACCOMP**MJC:** CXSAK082**Rev Date:** 09/14/2004**Std Template:****Sit Reqs:****Priority:** Highly Desirable**Qty:** 1**Matl Forecast:****Lvl of Maint:** Depot**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10,000**ManDays:** 8**Referenced Authority:**

FMP

**Reason:**

BASELINE

**Problem Description:**

SHIPALT MHC51-00154K, GPS ANTENNA SYSTEM (GAS) 1 GROUND PLANE (GP) AS-4564/SRN, NOT ACCOMPLISHED.

**Recommended Solution:**

ACCOMPLISH SHIPALT MHC51-00154K, GPS ANTENNA SYSTEM (GAS) 1 GROUND PLANE (GP) AS-4564/SRN WHICH PROVIDES IMPROVED GPS ANTI-JAM CAPABILITY TO THE AN/WRN-6(V)GPS SYSTEM INSTALLED IN SURFACE SHIPS. THE GAS-1(GP) ANTENNA REPLACES THE EXISTING AS-3819B/SRN. REUSES THE TWO ANTENNA CABLES. ADDS A NEW CABLE FOR DISCRETE CONTROL SIGNALS BETWEEN THE R-2331/URN RADIO RECEIVER AND THE NEW ANTENNA AND PROVIDES THE ANTENNA WITH 115 VOLTS 60 HZ.

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: 70

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:** CEXECQ018

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 70

**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-42411-5 / 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:** 22

**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:** CXC1127

**Rev Date:** 04/30/1998

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 70

**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:** 0

**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-42411-10 / FC-7SW AN/SYQ-13 - ACCOMP

**MJC:** CXFCO007

**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-7SW, BUILD 15.0 DOPPLER SOFTWARE, NOT ACCOMPLISHED

ACCOMPLISH FIELD CHANGE-7SW.

**Task/Abbreviation:** O-42411-11 / FC-7 AN/SYQ-13 - ACCOMP

**MJC:** CXFCO008

**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-7, BUILD 15.0 DOPPLER SOFTWARE, NOT ACCOMPLISHED

ACCOMPLISH FIELD CHANGE-7.

**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:** 22

**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 GCMP5 - RPR/TST**MJC:** CXECQ020**Rev Date:****Std Template:****Sit Reqs:****Priority:** Highly Desirable**Qty:** 1**Matl Forecast:** YES**Lvl of Maint:** Depot**Freq:** 70**Equip/Task:** 1**Matl Cost:** 3,600**ManDays:** 80**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:****Problem Description:****Recommended Solution:**

BASELINE

TBD

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 TURNABLE 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:** 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:** 22

**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: Q-42622-2 / UW LOG SYS - RPR/TST

MJC: CXECQ022

Rev Date:

Std Template:

Sit Reqs:

Priority: Highly Desirable

Qty: 1

Matl Forecast: YES

Lvl of Maint: Depot

Freq: 70

Equip/Task: 1

Matl Cost: 3,375

ManDays: 75

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

REPAIR THE UNDERWATER LOG SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS OR AS FOLLOWS: A. UNDERWATER LOG RODMETER - 1. RECORD STOPPING POINTS. 2. RETRACT, REMOVE, CLEAN, EXAMINE AND REPAIR DEFECTS. 3. RENEW O-RINGS AND PACKING AND ACCOMPLISH AN INSULATION RESISTANCE TEST. 4. REPAIR AND TEST THE HYDRAULIC SYSTEM AND ACCOMPLISH AN OPERATIONAL 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-42622-3 / UW LOG RODMETER- INSP (SPAM)

**MJC:** CXC1128

**Rev Date:** 04/28/1998

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 70

**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:** A-43611-38 / AER MHC51-60039E - ACCOMP

**MJC:** EXTYA148

**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:**

BASELINE

**Problem Description:**

TYCOM AUTHORIZED ALTERATION

**Recommended Solution:**

ACCOMPLISH AER MHC51-60039/E AN/KAS-1 IMPROVEMENT WHICH ADDS A PEDESTAL MOUNTING FOR THE AN/KAS-1 ON THE 02 LEVEL AFT TO PROVIDE THE REQUIRED PROTECTION.

**Task/Abbreviation:** A-43611-41 / AER MHC51-60263E - ACCOMP

**MJC:** EXTYA163

**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 MHC51-60263E "ARMORY HEAT SENSORS" WHICH REPLACES THE TWO TYPE IC/J-150 (150 DEGREE F) CIRCUIT "F" TEMPERATURE SENSORS LOCATED IN THE SHIP'S ARMORY WITH TWO TYPE IC/J-105 (105 DEGREE F) SENSORS.

**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:** 22

**Equip/Task:** 1

**Matl Cost:** 45

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

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:** EXEC1155

**Rev Date:** 05/15/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 70

**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:** EXEC1158

**Rev Date:** 05/15/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 70

**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:** EXEC1160

**Rev Date:** 05/15/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 70

**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 CONTAMINATED OIL/WATER TANKS. 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:** 70

**Equip/Task:** X

**Matl Cost:** 720

**ManDays:** 16

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

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:** 70

**Equip/Task:** X

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** X

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 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:** 22

**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:** 22

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 5

**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 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:** 22

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 5

**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 CONTAMINATED OIL/WATER TANKS. 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:** 22

**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:** 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:** 22

**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:** 22

**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:** X

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 22

**Equip/Task:** X

**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:** 22

**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:** 22

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE HF COMMUNICATIONS TRANSMITTERS. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**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:** 22

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

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:** 22

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE COMMUNICATIONS TRANSCEIVERS. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** K-44161-12 / SHIPALT MHC51-00152K - ACCOMP

**MJC:** EXSAK752

**Rev Date:** 09/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 16,000

**ManDays:** 15

**Referenced Authority:**

FMP

**Reason:**

BASELINE

**Problem Description:**

SHIPALT MHC51-00152K, MULTI CIRCUIT PATCH PANEL (MCPP), NOT ACCOMPLISHED.

**Recommended Solution:**

ACCOMPLISH SHIPALT MHC51-00152K, MULTI CIRCUIT PATCH PANEL (MCPP), WHICH REPLACES THE FRU CONTROL SWITCHBOARD AND ALL OF THE RED AND BLACK SB-3189A/FGC PATCH PANELS WITH A SB-4124C/WSC DATA CONTROL PATCHING SWITCHBAORDS FOR CIRCUIT CONTROL. TM-226 BREAKOUT PANELS REPLACE THE ME-400/FG FOR MONITORING CONTROL AND DATA SIGNALS. THE CONSOLIDATION REDUCES SPACE AND WEIGHT WHILE IMPROVING PATCHING OPTIONS AND VERSATILITY.

**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:** 22

**Equip/Task:** 1

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

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:** 22

**Equip/Task:** 1

**Matl Cost:** 45

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST PATCH PANELS AND SWITCHBOARDS. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**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:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

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:** 22

**Equip/Task:** 1

**Matl Cost:** 90

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

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:** CXCIG74

**Rev Date:** 07/21/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:** 50

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

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:** 22

**Equip/Task:** 1

**Matl Cost:** 50

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

INSPECT AND TEST THE EHF SATELLITE COMMUNICATIONS SYSTEMS. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** K-44171-63 / SHIPALT MHC51-00124K - ACCOMP**MJC:** EXSAK749**Rev Date:** 09/14/2004**Std Template:****Sit Reqs:****Priority:** Highly Desirable**Qty:** 1**Matl Forecast:****Lvl of Maint:** Depot**Freq:** 0**Equip/Task:** 1**Matl Cost:** 20,000**ManDays:** 8**Referenced Authority:**

FMP

**Reason:**

BASELINE

**Problem Description:**

SHIPALT MHC51-00124K, INMARSAT B HSD CONNECTIVITY, NOT ACCOMPLISHED.

**Recommended Solution:**

ACCOMPLISH MHC51-00124K, INMARSAT B HSD CONNECTIVITY, WHICH PROVIDES USERS THE CAPABILITY OF HIGH SPEED DATA (HSD) RATES AT 64 KBPS FROM A MOBILE UNIT TO A SINGLE DIGITAL LINE SHORE CONNECTION OVER THE GLOBAL INMARSAT SATELLITE SYSTEM. THIS CONNECTION WILL BE UTILIZED TO TRANSFER SECURE MULTIPLEXED VOICE AND DATA FROM THE SHIP TO A NAVY SHORE FACILITY FOR FURTHER ROUTING. PROVIDING A DIGITAL CONNECTION FROM THE SHIPBOARD INMARSAT TERMINAL TO THE AUTOMATED DIGITAL NETWORK SYSTEM (ADNS) WILL ALLOW ADNS TO UTILIZE THE INMARSAT HSD AS AN ADDITIONAL COMMUNICATION RESOURCE. USE OF THE AN/FCC-100(V)9 MULTIPLEXER WILL PERMIT UP TO FOUR VOICE LINES TO BE ADDED TO THE 32 KBPS ADNS DATA LINK.

**Task/Abbreviation:** O-44171-64 / FC-3 INMARSAT B - ACCOMP

**MJC:** CXSAO005

**Rev Date:** 09/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 500

**ManDays:** 1

**Referenced Authority:**

FMP

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

FC-3, INMARSAT B 128 K MODEM, NOT ACCOMPLISHED.

ACCOMPLISH FC-3, INMARSAT B 128 K MODEM.

**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:** 22

**Equip/Task:** 1

**Matl Cost:** 45

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

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:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

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:** 70

**Equip/Task:** 1

**Matl Cost:** 90

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**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:** 22

**Equip/Task:** 1

**Matl Cost:** 45

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

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:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE AN/WQC-2( ) SONAR COMMUNICATION SET, INCLUDING THE TRANSDUCERS. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

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**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:** 70**Equip/Task:** 1**Matl Cost:** 675**ManDays:** 15**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:****Problem Description:****Recommended Solution:**

BASELINE

TBD

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 FTSC/LANT/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:** 70

**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 FTSC/LANT/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:** 22

**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:** 22

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE TELETYPE EQUIPMENT. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**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:** 22

**Equip/Task:** 1

**Matl Cost:** 45

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

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:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE RADAR REPEATERS. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** I-45164-1 / AN/SPS-64 ANT/PED - INSP/TST

**MJC:** CXECI053

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**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-64( ) RADAR ANTENNA AND PEDESTAL UTILIZING APPLICABLE MRC CARDS AND TECHNICAL MANUAL ALIGNMENT PROCEDURES. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** Q-45164-2 / AN/SPS-64 ANT/PED - REPL/TST

**MJC:** CXECQ035

**Rev Date:** 04/01/1998

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPLACE THE AN/SPS-64( ) RADAR ANTENNA AND PEDESTAL PER CONDITION ASSESSMENT RECOMMENDATIONS, IN ACCORDANCE WITH THE APPLICABLE TECHNICAL MANUAL. ACCOMPLISH A PRE-INSTALLATION OPERATIONAL TEST OF THE NEW ANTENNA SET. ACCOMPLISH A VOLTAGE STANDING WAVE RATIO (VSWR) AND INSERTION LOSS TEST 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-45164-3 / AN/SPS-64 RDR SET - INSP/TST

**MJC:** CXECI054

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST THE AN/SPS-64( ) 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-45164-4 / AN/SPS-64 RDR SET - RPR/TST

**MJC:** CXECQ036

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

REPAIR THE AN/SPS-64( ) RADAR SET (LESS ANTENNA AND PEDESTAL) PER  
CONDITION ASSESSMENT RECOMMENDATIONS. PROVE SATISFACTORY OPERATION  
BY APPROPRIATE STAGE OF COMBAT SYSTEM TESTING.

**Task/Abbreviation:** I-45164-6 / AN/SPS-64 RDR WG - INSP/TST

**MJC:** CEXEC130

**Rev Date:** 03/01/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 22

**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) TEST ON THE AN/SPS-64( ) RADAR WAVEGUIDE UTILIZING APPLICABLE MRC CARDS AND TECHNICAL MANUAL ICDS. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** Q-45164-7 / AN/SPS-64 RDR WG - RPR

**MJC:** CXECQ098

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 360

**ManDays:** 8

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REPAIR THE AN/SPS-64( ) RADAR WAVEGUIDE PER CONDITION ASSESSMENT RECOMMENDATIONS.

**Task/Abbreviation:** A-45164-8 / AER MHC51-60199E - ACCOMP

**MJC:** EXTYA156

**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 MHC51-60199E "AN/SPS-64 RADAR PLATFORM SUPPORT" WHICH ADDS AN ADDITIONAL BRACKET UNDER THE RADAR PLATFORM.

**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:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

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:** K-45511-62 / SHIPALT MHC-00159K - ACCOMP

**MJC:** CXSAK081

**Rev Date:** 09/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 38,000

**ManDays:** 25

**Referenced Authority:**

FMP

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

SHIPALT MHC51-00159K, MK XII IFF  
TRANSPONDER, AN/APX-118(V), NOT  
ACCOMPLISHED.

ACCOMPLISH SHIPALT MHC51-00159K, MK XII IFF TRANSPONDER, AN/APX-118(V),  
WHICH

**Task/Abbreviation:** I-47511-1 / DEGAUSSING SYS - INSP/TST

**MJC:** EXEC1163

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 22

**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: 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: 22

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 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-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:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** M-47621-4 / (M)MULTIPURPOSE CRANE - INSP

**MJC:** CXECM010

**Rev Date:** 10/26/1998

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 48

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

NSTM CH-589, PARA. 589-5.5.1 AND 589-6.3.1.2

**Reason:**

BASELINE

**Problem Description:**

NSTM REQUIREMENT DUE

**Recommended Solution:**

INSPECT AND LOAD-TEST THE MULTIPURPOSE ROTATING CRANE AND REPORT CONDITIONS FOUND TO SHIP'S CSMP. NOTE: LOAD-TESTING IS REQUIRED AFTER REPAIR OR REPLACEMENT OF LOAD-BEARING COMPONENTS OR EQUIPMENT REMOVAL.

**Task/Abbreviation:** Q-47621-5 / MULTIPURPOSE CRANE - RPR**MJC:** CXECQ085**Rev Date:** 10/26/1998**Std Template:****Sit Reqs:****Priority:** Highly Desirable**Qty:** 1**Matl Forecast:** NO**Lvl of Maint:** Depot**Freq:** 70**Equip/Task:** 1**Matl Cost:** 20,000**ManDays:** 100**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:****Problem Description:****Recommended Solution:**

BASELINE

TBD

ACCOMPLISH REPAIRS TO THE MULTIPURPOSE ROTATING CRANE IN ACCORDANCE WITH TECHNICAL REPAIR STANDARD (TRS) SG811-BU-TRS-010/A4867 AND TECHNICAL MANUAL SG811-BU-MMA-010 PER CONDITON ASSESSMENT RECOMMENDATIONS. ACCOMPLISH NAVSEA STANDARD ITEM 009-32 FOR NORMALLY PAINTED NEW AND DISTURBED SURFACES. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ACCOMPLISH STATIC, DYNAMIC AND WORKING LOAD TESTS. A. REPLACE DAMAGED/DEFECTIVE HYDRAULIC HOSES. B. REPLACE DAMAGED LIMIT SWITCHES. C. REPLACE DAMAGED/BROKEN GROUND STRAP(S). D. REPAIR/REPLACE EMERGENCY OPERATION HAND PUMP. E. REPAIR/REPLACE THE WINCH HYDRAULIC MOTOR. F. CLEAN, INSPECT AND PRESERVE SHEAVES AND WIRE ROPE. G. INSPECT RELIEF VALVES FOR PROPER OPERATION AND SETTINGS. REPLACE THOSE VALVES FOUND TO BE DEFECTIVE. H. REPAIR BRAKE.

**Task/Abbreviation:** K-47621-6 / SHIPALT MHC51-0039K ACCOMP

**MJC:** TXSAK002

**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:** 556

**Referenced Authority:**

FMP

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

NAVSEA AUTHORIZED SHIPALT

ACCOMPLISH SHIPALT MHC51-39K AN/SQQ-32 SONAR DRY SAIL.

**Task/Abbreviation:** A-47621-8 / AER MHC51-60273E - ACCOMP

**MJC:** EXTYA167

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:**

**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 MHC51-60273E "UCHS SUMP PUMP CUTOFF SWITCH" WHICH INSTALLS A LOCAL CUTOFF SWITCH FOR THE UMBILICAL CABLE HANDLING SYSTEM SUMP PUMP ON THE BULKHEAD NEAR THE PUMP. THE AER ALSO INSTALLS A PRIMING CHAMBER. THE PURPOSE OF THIS ALT IS TO ALLOW THE OPERATOR TO SECURE THE SUMP PUMP TO CLEAR CLOGS.

**Task/Abbreviation:** O-47621-13 / FC-24 AN/SLQ-48 - ACCOMP

**MJC:** EXFCO004

**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-24, AN/SLQ-48, INTRODUCE MP-3, NOT ACCOMPLISHED

ACCOMPLISH FIELD CHANGE-24.

**Task/Abbreviation:** J-47621-15 / MPC HYDR PMP - RPR**MJC:** EXECJH39**Rev Date:****Std Template:****Sit Reqs:****Priority:** Highly Desirable**Qty:** 1**Matl Forecast:****Lvl of Maint:** Depot**Freq:** 70**Equip/Task:** 1**Matl Cost:** 20,000**ManDays:** 100**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:****Problem Description:****Recommended Solution:**

BASELINE

TBD

OPEN THE HYDRAULIC PUMP CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD AS-FOUND AND POST REPAIR DIMENSIONS AND CLEARANCES OF CYLINDER BARRELS, 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), SOCKET RING, TILTING BLOCK AND VALVE PLATE.

**Task/Abbreviation:** J-47621-16 / MPC ELEC MOT 009-17 - RPR

**MJC:** EXECJH40

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 20,000

**ManDays:** 100

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

RECONDITION THE MULTIPURPOSE CRANE HYDRAULIC PUMP ELECTRIC MOTOR 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-47621-17 / MPC ELEC MOT 009-33 - RWND

**MJC:** EXECJH41

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 20,000

**ManDays:** 100

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

REWIND THE MULTIPURPOSE CRANE HYDRAULIC PUMP ELECTRIC MOTOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN THE MOTOR TO THE PUMP. OPERATIONALLY TEST.

**Task/Abbreviation:** J-47621-18 / MPC ELEC MOT BRG - REPL

**MJC:** EXECJH42

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 20,000

**ManDays:** 100

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

DISASSEMBLE THE MULTIPURPOSE CRANE HYDRAULIC PUMP ELECTRIC MOTOR. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: J-47621-19 / MPC SLEW HYDR MOT - RPR

MJC: EXECJH43

Rev Date:

Std Template:

Sit Reqs:

Priority: Highly Desirable

Qty: 1

Matl Forecast:

Lvl of Maint: Depot

Freq: 70

Equip/Task: 1

Matl Cost: 20,000

ManDays: 100

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

OPEN THE HYDRAULIC MOTOR CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD AS-FOUND AND POST REPAIR DIMENSIONS AND CLEARANCES OF CYLINDER BARRELS, 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. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. A. LAP CYLINDER BARREL & VLV PLATE SURFACES B. RPL BRNGS (THRUST,RADIAL, CYLINDER BARRELS, PISTONS, SHAFT(MN), TILTING BLOCK AND VALVE PLATE.

Task/Abbreviation: J-47621-20 / MPC HST WN HYDR MOT - RPR

MJC: EXECJH44

Rev Date:

Std Template:

Sit Reqs:

Priority: Highly Desirable

Qty: 1

Matl Forecast:

Lvl of Maint: Depot

Freq: 70

Equip/Task: 1

Matl Cost: 20,000

ManDays: 100

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

OPEN THE HYDRAULIC MOTOR CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD AS-FOUND AND POST REPAIR DIMENSIONS AND CLEARANCES OF CYLINDER BARRELS, 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. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. A. LAP CYLINDER BARREL & VLV PLATE SURFACES B. RPL BRNGS (THRUST,RADIAL, CYLINDER BARRELS, PISTONS, SHAFT(MN), TILTING BLOCK AND VALVE PLATE.

**Task/Abbreviation:** J-47621-21 / MPC WIRE ROPE - REPL

**MJC:** EXECJH45

**Rev Date:** 09/24/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 20,000

**ManDays:** 100

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

CLEAN AND INSPECT MULTIPURPOSE CRANE WIRE ROPE. REPLACE DAMAGED WIRE ROPE. LUBRICATE UNDAMAGED AND NEWLY REPLACED WIRE ROPE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**Task/Abbreviation:** A-49111-9 / AER MHC51-63040E - ACCOMP

**MJC:** EXTYA559

**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:**

BASELINE

**Problem Description:**

AER MHC51-63040, DISTANCE SPT EQPMT  
INSTALL, NOT ACCOMPLISHED

**Recommended Solution:**

ACCOMPLISH AER MHC51-63040 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.



**Task/Abbreviation:** K-49311-41 / SHIPALT MHC51-00140K - ACCOMP

**MJC:** EXSAK750

**Rev Date:** 09/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 0

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 0

**Matl Cost:**

**ManDays:** 0

**Referenced Authority:**

FMP

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

SHIPALT MHC51-00140K, COMMERCIAL FLEET COMMUNICATION PACKAGE 2 (CFCP 2), NOT ACCOMPLISHED

ACCOMPLISH SHIPALT MHC51-00140K, COMMERCIAL FLEET COMMUNICATION PACKAGE 2 (CFCP 2), WHICH IS THE UNCLASSIFIED SUBSET OF THE ISNS AFLOAT LAN. CFCP 2 PROVIDES MINIMUM IP CAPABILITIES FOR AFLOAT VESSELS UNTIL THEY RECEIVE THE FULL ISNS INSTALLATION. CFCP 2 ALLOWS THE WARFIGHTER TO CONNECT TO THE NIPRNET FOR EMAIL AND WEB BROWSING SERVICES THROUGHOUT THE IMPLEMENTATION OF OPEN SYSTEM ARCHITECTURE USING COMMON HARDWARE AND SOFTWARE.

**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:** 22

**Equip/Task:** 1

**Matl Cost:** 180

**ManDays:** 4

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST AN/USQ-119( ) JOINT OPERATIONAL TACTICAL SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** K-49531-10 / SHIPALT MHC51-00054K ACCOMP

**MJC:** EXSAK748

**Rev Date:** 09/14/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 0

**Equip/Task:** 1

**Matl Cost:** 50,000

**ManDays:** 18

**Referenced Authority:**

FMP

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

SHIPALT MHC-00054K, INSTALL GCCS-M NT/UNIX, NOTACCOMPLISHED.

ACCOMPLISH SHIPALT MHC-00054K WHICH PROVIDES MIN IP CAPABILITIES AND GCCS-M TRACK DATABASE MANAGER. REMOVES EQUIPMENT IN EXISTING 55" GCCS-M UNIX RACK. INSTALLS REFURBISHED 72" RACK WITH UNIX PROCESSOR, 2 NT PROCESSORS, NETWORK SWITCH, ROUTER AND UPS IN COMMUNICATIONS CENTER BETWEEN THE RELOCATED 55" RACK AND EQUIPMENT RACK NO. 4.

**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:** 22**Equip/Task:** X**Matl Cost:** 3,375**ManDays:** 75**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:****Problem Description:****Recommended Solution:**

BASELINE

TBD

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:** 22

**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:** Z-51111-1 / DUCT HEATER - CLN & INSP

**MJC:** EXECZ074

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 6

**Equip/Task:** 1

**Matl Cost:** 250

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

CLEAN AND INSPECT REHEATER/DUCT HEATER IN ACCORDANCE WITH PMS MIP 6641/005.

**Task/Abbreviation:** Z-51111-2 / FAN HOUSING & BLADE-CLN & INSP

**MJC:** EXECZ092

**Rev Date:** 02/22/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 6

**Equip/Task:** X

**Matl Cost:** 250

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

CLEAN AND INSPECT VENTILATION FAN HOUSING AND IMPELLER/FAN BLADE(S) IN ACCORDANCE WITH PMS MIP 6641/005.

**Task/Abbreviation:** Z-51111-3 / VENT DUCT INTERIOR - CLN

**MJC:** EXECZ093

**Rev Date:** 02/22/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 6

**Equip/Task:** X

**Matl Cost:** 250

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

CLEAN VENTILATION DUCT INTERIOR IN ACCORDANCE WITH PMS MIP 6641/005.

**Task/Abbreviation:** I-51211-1 / VENT SYS NONMCHRY SPACES- INSP

**MJC:** EXEC164

**Rev Date:** 11/14/2002

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** A-51211-29 / AER MHC51-60258E - ACCOMP

**MJC:** EXTYA162

**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:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TYCOM AUTHORIZED ALTERATION

ACCOMPLISH AER MHC51-60258E "SMOKE DAMPER INSTALLATION" WHICH INSTALLS SMOKE DAMPERS IN THE INTAKES OF FAN COIL ASSEMBLIES S1-30-1 (4) AND S1-28-2 (3) IN FAN COIL ROOM 1-27-1-Q. THIS PERMITS THE MAIN SPACE VENTILATION TO BE ISOLATED IN THE EVENT OF A MAIN SPACE FIRE WITHOUT SECURING VENTILATION TO THE ENTIRE SHIP.

**Task/Abbreviation:** A-51211-51 / AER MHC51-63045E - ACCOMP

**MJC:** EXTYA568

**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:**

BASELINE

**Problem Description:**

AER MHC51-63045, INSTALL FANS P/S QTR DECK, NOT ACCOMPLISHED

**Recommended Solution:**

ACCOMPLISH AER MHC51-63045 WHICH INSTALLS 10 INCH FAN TO INCREASE VENTILATION TO PORT AND STB QUARTER DECK AND BOSN LOCKER.

**Task/Abbreviation:** I-51311-1 / MCHRY VENT SYS - INSP

**MJC:** EXEC165

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** I-51411-1 / CHW CLG SYS - INSP

**MJC:** EXEC1166

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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-51411-3 / CHW PMP - RPR

MJC: EXECQ501

Rev Date:

Std Template:

Sit Reqs:

Priority: Highly Desirable

Qty: 2

Matl Forecast: YES

Lvl of Maint: Depot

Freq: 70

Equip/Task: 1

Matl Cost: 1,125

ManDays: 25

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

DISCONNECT THE PUMP COUPLING AND REMOVE THE PUMP TO THE SHOP. OPEN PUMP CASING. CLEAN & INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B. RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM OR COMPOSITE). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. REPLACE WEARING RINGS. J. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. K. REPLACE STAGE PIECE(S). L. REPAIR CASING AND BEARING HOUSINGS USING WELD/AUTHORIZED COATING SYSTEM. M. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. N. REPLACE COUPLING. O. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS, AND PACKING/MECHANICAL SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL TESTS.

**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:** 70

**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-51411-19 / AER MHC51-60232E - ACCOMP

**MJC:** EXTYA159

**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 MHC51-60232E "MNS HVAC CONDENSATE MODS" WHICH MODIFIES THE FAN COIL UNIT TO PREVENT CONDENSATE DRIPS FROM DRIPPING ONTO THE ELECTRONIC WORKBENCH.

**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:** 70

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**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 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:** 70

**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-51411-39 / CHW PMP MECH SEAL - REPL

**MJC:** EXECJM45

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**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 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-51411-40 / 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:** 70

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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-51411-43 / 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:** 70

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** K-51420-15 / SHIPALT MHC51-0042K - ACCOMP

**MJC:** OXSAK024

**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:** 444

**Referenced Authority:**

FMP

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

NAVSEA AUTHORIZED SHIPALT

ACCOMPLISH SHIPALT MHC51-42K "ADDITIONAL A/C".

**Task/Abbreviation:** K-51420-17 / SHIPALT MHC51-0001K - ACCOMP

**MJC:** EXSAK411

**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 AUTHORIZED SHIPALT

ACCOMPLISH SHIPALT MHC51-01K "CHG R12 AC PLANT TO NON-CFC" WHICH MODIFIES CFC-12 (R-12) CHILLED WATER AC PLANTS TO OPERATE WITH HFC-134A (R-134A), AN ENVIRONMENTALLY ACCEPTABLE REFRIGERANT.

**Task/Abbreviation:** O-51420-26 / MACHALT 559-ACCOMP

**MJC:** EXMAO008

**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:** 7,994

**ManDays:** 15

**Referenced Authority:**

FMP

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

MACHALT 559, REPLACE REFRIG LEAK  
MONTIOR, NOT ACCOMPLISHED

ACCOMPLISH MACHALT 559 WHICH IMPROVES THE ABILITY TO DETECT LEAKS AT SHIPBOARD AIR CONDITIONING AND REFRIGERATION SYSTEMS THAT CONTAIN SIGNIFICANT AMOUNTS OF OF REFRIGERANT CHARGE. THIS MACHALT REPLACES FOXBORO MIRAN HOLOCARBON MONITORS WITH MORE RELIABLE EIGHT CHANNEL MONITORS AND INSTALLS MONITORS AT ADDITIONAL LOCATIONS.

**Task/Abbreviation:** I-51421-1 / A/C PLT - INSP

**MJC:** EXEC168

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:** 135

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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: 4

Matl Forecast: YES

Lvl of Maint: Depot

Freq: 70

Equip/Task: 1

Matl Cost: 2,250

ManDays: 50

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

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:** 4

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 4**Matl Forecast:** YES**Lvl of Maint:** Depot**Freq:** 70**Equip/Task:** 1**Matl Cost:** 900**ManDays:** 20**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:****Problem Description:****Recommended Solution:**

BASELINE

TBD

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 CONDENSER. 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:** 70**Equip/Task:** 1**Matl Cost:** 900**ManDays:** 20**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:****Problem Description:****Recommended Solution:**

BASELINE

TBD

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:** Z-51421-19 / A/C PLT REFRIGERANT- RMV/RECHG

**MJC:** EXECZ062

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:** 250

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE AIR CONDITIONING SYSTEM (R-12) REFRIGERANT USING REFRIGERANT RECOVERY SYSTEM AND RECHARGE REFRIGERANT IN ACCORDANCE WITH MIP 5140/010.

**Task/Abbreviation:** Z-51421-20 / A/C COND SW SIDE - CLN/INSP

**MJC:** EXECZ063

**Rev Date:** 06/24/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** YES

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:** 250

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

CLEAN AND INSPECT THE SEAWATER SIDE OF CONDENSER IN ACCORDANCE WITH MIP 5140/010, MRC 47 B2NU Y.

**Task/Abbreviation:** Z-51421-24 / A/C PLT REFRIGERANT SYS - TST

**MJC:** EXECZ075

**Rev Date:** 02/10/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:** 250

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

TEST AIR CONDITIONING PLANT REFRIGERANT SYSTEM FOR LEAKS IN ACCORDANCE WITH MIP 5140/010.

**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:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**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 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:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**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 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:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**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 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:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**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 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:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**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 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:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**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 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:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**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 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:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 2,250

**ManDays:** 50

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 2,250

**ManDays:** 50

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** EXEC1169

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**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:** 4**Matl Forecast:** YES**Lvl of Maint:** Depot**Freq:** 70**Equip/Task:** 1**Matl Cost:** 2,250**ManDays:** 50**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:****Problem Description:****Recommended Solution:**

BASELINE

TBD

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:** 4

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 4**Matl Forecast:** YES**Lvl of Maint:** Depot**Freq:** 70**Equip/Task:** 1**Matl Cost:** 900**ManDays:** 20**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:****Problem Description:****Recommended Solution:**

BASELINE

TBD

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 CONDENSER. 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:** 70**Equip/Task:** 1**Matl Cost:** 900**ManDays:** 20**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:****Problem Description:****Recommended Solution:**

BASELINE

TBD

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:** Z-51422-15 / A/C PLT REFRIGERANT- RMV/RECHG

**MJC:** EXECZ064

**Rev Date:** 06/24/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:** 250

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE AIR CONDITIONING SYSTEM (R-12) REFRIGERANT USING REFRIGERANT RECOVERY SYSTEM AND RECHARGE REFRIGERANT IN ACCORDANCE WITH MIP 5140/010.

**Task/Abbreviation:** Z-51422-16 / A/C COND SW SIDE - CLN/INSP

**MJC:** EXECZ065

**Rev Date:** 06/24/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** YES

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:** 250

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

CLEAN AND INSPECT THE SEAWATER SIDE OF CONDENSER IN ACCORDANCE WITH MIP 5140/010, MRC 47 B2NU Y.

**Task/Abbreviation:** Z-51422-17 / A/C PLT REFRIGERANT SYS - TST

**MJC:** EXECZ076

**Rev Date:** 02/10/2000

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:** 250

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

TEST AIR CONDITIONING PLANT REFRIGERANT SYSTEM FOR LEAKS IN ACCORDANCE WITH MIP 5140/010.

**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:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**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 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:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**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 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:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**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 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:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**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 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:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**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 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:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**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 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:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**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 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:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 2,250

**ManDays:** 50

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 4

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 2,250

**ManDays:** 50

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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-52011-5 / SEA VLVS - ASSESS (SPAM)

**MJC:** EXEC120

**Rev Date:** 04/22/1998

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 22

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

COMNAVSURFLANT PROACTIVE MAINTENANCE

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** X

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

CNSL PROACTIVE MAINTENANCE NSTM CH-505, PARA. 505-9.19.3

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

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:** 70

**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:** 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:** 70

**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:** 70

**Equip/Task:** X

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

REPLACE THE DESIGNATED GLOBE SEA VALVES PER CONDITION ASSESSMENT RECOMMENDATIONS. HYDROSTATICALLY TEST VALVES AND PROVE SEAT TIGHTNESS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.



**Task/Abbreviation:** Z-52111-19 / VLV CONT - CLN & INSP

**MJC:** EXECZ094

**Rev Date:** 07/29/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 24

**Equip/Task:** 1

**Matl Cost:** 100

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

CLEAN AND INSPECT MOTOR OPERATED VALVE CONTROLLERS IN ACCORDANCE WITH PMS MIP 3001/002.

**Task/Abbreviation:** I-52121-1 / FIRE PMP UNIT - INSP

**MJC:** EXEC183

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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: 70

Equip/Task: 1

Matl Cost: 1,980

ManDays: 44

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-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:** 70

**Equip/Task:** 1

**Matl Cost:** 1,215

**ManDays:** 27

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 1,215

**ManDays:** 27

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 1,215

**ManDays:** 27

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 1,215

**ManDays:** 27

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**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:** 70

**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:** 70

**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:** I-52211-1 / MAG SPRS - INSP

**MJC:** EXEC185

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Tech Support Unit

**Freq:** 22

**Equip/Task:** X

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND TEST CONTROLS, PIPING AND VALVES (INCLUDING HYDRAULIC-OPERATED) OF THE MAGAZINE SPRINKLER SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

**Task/Abbreviation:** Z-52211-2 / HYDR OPERATED CHK VLVS - INSP

**MJC:** EXECZ030

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 60

**Equip/Task:** 1

**Matl Cost:** 90

**ManDays:** 2

**Referenced Authority:**

CNSL LTR 4700 SER N431B3/3033 OF 30 MAY 1995

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH INSPECTION OF SEAWATER SPRINKLER SYSTEM HYDRAULICALLY OPERATED CHECK VALVE AND REPLACE DIAPHRAGM.

**Task/Abbreviation:** Z-52211-3 / MAG SPR CONT VLVS - INSP

**MJC:** EXECZ013

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 60

**Equip/Task:** 1

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

CNSL LTR 4700 SER N431B3/3033 OF 30 MAY 1995

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH INSPECTION OF SEAWATER SPRINKLER SYSTEM CONTROL PIPING HYDRAULICALLY OPERATED REMOTE CONTROL VALVE AND REPLACE DIAPHRAGM.

**Task/Abbreviation:** Z-52211-4 / SPR LOADED LIFT CHK VLVS-INSP

**MJC:** EXECZ014

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 60

**Equip/Task:** 1

**Matl Cost:** 225

**ManDays:** 5

**Referenced Authority:**

CNSL LTR 4700 SER N431B3/3033 OF 30 MAY 1995

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH INSPECTION OF SEAWATER SPRINKLER SYSTEM CONTROL PIPING SPRING-LOADED LIFT CHECK VALVE AND REPLACE DIAPHRAGM.

**Task/Abbreviation:** Z-52211-5 / SPR VENTED CHK VLVS-INSP

**MJC:** EXECZ015

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

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 60

**Equip/Task:** X

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

CNSL LTR 4700 SER N431B3/3033 OF 30 MAY 1995

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH INSPECTION OF SEAWATER SPRINKLER SYSTEM VENTED CHECK VALVES.

**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:** 70**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:** 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:** 70

**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:** 70**Equip/Task:** X**Matl Cost:****ManDays:** 5**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:****Problem Description:****Recommended Solution:**

BASELINE

TBD

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:** 70

**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:** Z-52411-22 / VLV CONT - CLN & INSP

**MJC:** EXECZ095

**Rev Date:** 07/29/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 24

**Equip/Task:** 1

**Matl Cost:** 100

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

CLEAN AND INSPECT MOTOR OPERATED VALVE CONTROLLERS IN ACCORDANCE WITH PMS MIP 3001/002.

**Task/Abbreviation:** I-52421-1 / ASW PMP - INSP

**MJC:** EXEC186

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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: 3

Matl Forecast: YES

Lvl of Maint: Depot

Freq: 70

Equip/Task: 1

Matl Cost: 1,125

ManDays: 25

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-52421-9 / ASW PMP MOT - RPR

**MJC:** EXECQ543

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 405

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 405

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 405

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 3

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 405

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** A-52611-11 / AER MHC51-60238E - ACCOMP

**MJC:** EXTYA576

**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:** 275

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENT

**Reason:**

BASELINE

**Problem Description:**

AER MHC51-60238, BOOSTER HEATER DRAIN LINE COAM, NOT ACCOMPLISHED

**Recommended Solution:**

ACCOMPLISH AER MHC51-60238 WHICH INSTALLS DECK DRAIN COAMING AROUND SCULLERY BOOSTER HEATER DRAIN LINE. APPLICABLE TO ALL SHIPS.

Task/Abbreviation: I-53151-1 / R/O DESALINATOR PLT - INSP

MJC: EXEC1193

Rev Date:

Std Template:

Sit Reqs:

Priority: Highly Desirable

Qty: 1

Matl Forecast: NO

Lvl of Maint: Depot

Freq: 22

Equip/Task: 1

Matl Cost:

ManDays: 5

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

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: 70

Equip/Task: 1

Matl Cost: 900

ManDays: 20

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-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:** 70

**Equip/Task:** 1

**Matl Cost:** 540

**ManDays:** 12

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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: 70

Equip/Task: 1

Matl Cost: 900

ManDays: 20

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 540

**ManDays:** 12

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 1,890

**ManDays:** 42

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** Z-53151-21 / R/O PLANT RLF VLV -TST

**MJC:** EXECZ067

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:** 250

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENT

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

TEST REVERSE OSMOSIS DESALINATION PLANT RELIEF VALVES IN ACCORDANCE WITH PMS MIP 5315/006.

**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:** 70

**Equip/Task:** 1

**Matl Cost:** 540

**ManDays:** 12

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 540

**ManDays:** 12

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 540

**ManDays:** 12

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 540

**ManDays:** 12

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 540

**ManDays:** 12

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 900

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** EXEC1195

**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:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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: 70

Equip/Task: 1

Matl Cost: 945

ManDays: 21

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-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:** 70

**Equip/Task:** 1

**Matl Cost:** 540

**ManDays:** 12

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** Q-53311-25 / PROPNG BROMINATOR - RPR

**MJC:** EXECQH13

**Rev Date:** 03/05/1999

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**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:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 675

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** Z-53311-34 / POTW SYS RLF VLVS - TST

**MJC:** EXECZ068

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 9

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:** 250

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

TEST POTABLE WATER SYSTEM RELIEF VALVE(S) IN ACCORDANCE WITH PMS MIP 5331/013.

**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:** 70

**Equip/Task:** 1

**Matl Cost:** 540

**ManDays:** 12

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 540

**ManDays:** 12

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 540

**ManDays:** 12

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 945

**ManDays:** 21

**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-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:** 70

**Equip/Task:** 1

**Matl Cost:** 945

**ManDays:** 21

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70**Equip/Task:** 1**Matl Cost:** 945**ManDays:** 21**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:****Problem Description:****Recommended Solution:**

BASELINE

TBD

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:** EXEC122**Rev Date:** 02/04/2004**Std Template:****Sit Reqs:****Priority:** Highly Desirable**Qty:** X**Matl Forecast:** NO**Lvl of Maint:** Intermediate**Freq:** 70**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:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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-54121-7 / FO XFR PMP - RPR

MJC: EXECQ684

Rev Date:

Std Template:

Sit Reqs:

Priority: Highly Desirable

Qty: 2

Matl Forecast: YES

Lvl of Maint: Depot

Freq: 70

Equip/Task: 1

Matl Cost: 1,535

ManDays: 34

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

REMOVE THE ROTARY/SCREW PUMP TO THE SHOP. OPEN, CLEAN AND INSPECT ALL PUMP COMPONENTS. RECORD ROTOR AND HOUSING BORE DIAMETER, CLEARANCES AND RUNOUTS A. ACCOMPLISH NDT OF PUMP SHAFT AND ROTOR ASSEMBLY. REPAIR THE ROTARY/SCREW FUEL SERVICE PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. 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-54121-9 / FO XFR PMP MOT - RPR

**MJC:** EXECQ686

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** YES

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 1,135

**ManDays:** 23

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** Z-54121-19 / FO XFR PMP RLF VLV - TST

**MJC:** EXECZ069

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:** 250

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

TEST FUEL TRANSFER PUMP RELIEF VALVE IN ACCORDANCE WITH PMS MIP 5410/012.

**Task/Abbreviation:** Z-54121-20 / FO XFR PMP CPLG - MEAS ALIGN

**MJC:** EXECZ070

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:** 250

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENT

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

MEASURE FUEL OIL TRANSFER PUMP COUPLING ALIGNMENT IN ACCORDANCE WITH PMS MIP 5410/012.

**Task/Abbreviation:** J-54121-22 / FO XFR PMP MOT-RWND

**MJC:** EXECJC27

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 1,135

**ManDays:** 23

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 1,135

**ManDays:** 23

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 1,135

**ManDays:** 23

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:**

ALUMINUM RECEIVERS: NSTM REQUIREMENT DUE

OPEN, CLEAN, INSPECT, HYDROSTATICALLY TEST AND REPAIR THE ALUMINUM 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:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 26

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 24

**Equip/Task:** 26

**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:** M-55121-21 / (M)SST MP RCVR-INSP/HYDRST TST**MJC:** IXECM001**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 MEM 9551 SER260LCM/05

**Reason:**

BASELINE

**Problem Description:**

NSTM REQUIREMENT DUE

**Recommended Solution:**

OPEN, CLEAN, INSPECT, HYDROSTATICALLY TEST AND REPAIR THE STAINLESS STEEL 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:** A-55150-1 / AER MHC51-60118E - ACCOMP

**MJC:** EXTYA150

**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 MHC51-60118E "MPAC AUTO DRAIN TRAPS" WHICH PROVIDES AUTOMATIC DRAIN TRAPS FOR THE AIR RECEIVERS ON NO. 1 AND NO. 2 MPAC TO PREVENT ACCUMULATION OF MOISTURE. NOTE: WORK PACKAGE IS BEING REVISED TO USE LIGHTWEIGHT ELECTRONIC UNIT.

**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:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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: 70

Equip/Task: 1

Matl Cost: 2,250

ManDays: 50

Referenced Authority:

FLEET REQUIREMENTS

Reason:

Problem Description:

Recommended Solution:

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 10**Referenced Authority:**

FLEET REQUIREMENTS

**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:** A-55152-5 / AER MHC51-60204E - ACCOMP

**MJC:** EXTYA157

**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 MHC51-60204E "MPAC HIGH TEMP SHUT DOWN RELOCATION" WHICH RELOCATES HIGH TEMPERATURE SHUT DOWN DETROIT SWITCHES OFF OF MEDIUM PRESSURE AIR COMPRESSORS (MPACS).

**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:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-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:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-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:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-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:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-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:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-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:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-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:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**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-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:** 70

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

DISASSEMBLE THE MEDIUM PRESSURE AIR COMPRESSOR ELECTRIC MOTOR. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

**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:**

MCM-MHC REQUIREME NSTM REQUIREMENT DUE

**Recommended Solution:**

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:** 22

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70**Equip/Task:** 1**Matl Cost:** 1,125**ManDays:** 25**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:****Problem Description:****Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**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:** 70

**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:** 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:**

BASELINE

**Problem Description:**

NSTM REQUIREMENT DUE

**Recommended Solution:**

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:** M-58311-18 / (M)BOAT HDLG CRANE - INSP/TST

**MJC:** EXECM192

**Rev Date:** 11/17/2003

**Std Template:**

**Sit Reqs:**

**Priority:** Mandatory

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 48

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

NSTM CH-589, PARA. 589-5.2 NSTM CH-589, PARA. 589-5.2.7

**Reason:**

BASELINE

**Problem Description:**

NSTM REQUIREMENT DUE

**Recommended Solution:**

INSPECT AND LOAD-TEST THE BOAT/AIRCRAFT/CARGO ROTATING CRANE(S) AND SUBMIT A REPORT OF CONDITIONS FOUND TO THE NAVAL SUPERVISING ACTIVITY.  
NOTE: 1. LOAD-TESTING IS REQUIRED AFTER REPAIR OR REPLACEMENT OF LOAD-BEARING COMPONENTS OR EQUIPMENT REMOVAL.

**Task/Abbreviation:** D-58311-36 / SHIPALT MHC51-00084D ACCOMP

**MJC:** EXSAD567

**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:** 2,760

**ManDays:** 50

**Referenced Authority:**

FMP

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

SHIPALT MHC51-00084D, BOAT CRANE LIMIT STOPS MOD, NOT ACCOMPLISHED

ACCOMPLISH SHIPALT MHC51-00084D WHICH REPLACES THE BOAT CRANE MECHANICAL LIMIT SWITCHES WITH PROXIMITY SWITCHES TO ALLOW CRANE TO BE USED TO HANDLE SHORE POWER CABLES.

**Task/Abbreviation:** O-58311-40 / FC-57 AN/SQQ-32 - ACCOMP

**MJC:** EXFCO005

**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-57, AN/SQQ-32 UNIT 5, WINCH SAFETY MOD,  
NOT ACCOMPLISHED

ACCOMPLISH FIELD CHANGE-57.

**Task/Abbreviation:** A-58321-4 / AER MHC51-63042E - ACCOMP

**MJC:** EXTYA595

**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:**

BASELINE

**Problem Description:**

AER MHC51-63042, MOD LIFE RAFT STOWAGE,  
NOT ACCOMPLISHED

**Recommended Solution:**

ACCOMPLISH AER MHC51-63042 WHICH MODIFIES STOWAGE RACKS TO PROPERLY  
FIT LARGER REPLACEMENT MODEL LIFE RAFT. TO ACCOMODATE PROPER  
STOWAGE OF MK-75 LIFE RAFTS WHICH REPLACED THE MK-5 MODEL.

**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:** 22

**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:**

BASELINE

**Problem Description:**

NSTM REQUIREMENT DUE

**Recommended Solution:**

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-59311-11 / 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:

Problem Description:

Recommended Solution:

BASELINE

TBD

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:** Z-59311-26 / VCHT MANF VACUUM GAGE - CAL

**MJC:** EXECZ039

**Rev Date:** 09/18/1998

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 36

**Equip/Task:** 1

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

CALIBRATE VCHT MANIFOLD VACUUM GAGE IN ACCORDANCE WITH MIP 5931/018: 36M-4R. ACCOMPLISH IN ACCORDANCE WITH NAVSEA S9086-T8-STM-010, CHAPTER 593 INSTRUCTIONS. NOTE: ONLY PERSONNEL WHO HAVE BEEN ISSUED TRAINING CERTIFICATE FROM NAVSEA AUTHORIZED SGCP SCHOOL FOR DATAMETRICS 1127-2 CALIBRATOR SHALL PERFORM THIS PROCEDURE.

**Task/Abbreviation:** Z-59311-27 / VCHT MANF VACUUM SWITCH - CAL

**MJC:** EXECZ040

**Rev Date:** 09/18/1998

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 3

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 36

**Equip/Task:** 3

**Matl Cost:**

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

ACCOMPLISH IN ACCORDANCE WITH NAVSEA S9086-T8-STM-010, CHAPTER 593 INSTRUCTIONS. NOTE: ONLY PERSONNEL WHO HAVE BEEN ISSUED TRAINING CERTIFICATE FROM NAVSEA AUTHORIZED SGCP SCHOOL FOR DATAMETRICS 1127-2 CALIBRATOR SHALL PERFORM THIS PROCEDURE.

**Task/Abbreviation:** Q-59311-34 / CHT PP - CLN/HYDROBLAST

**MJC:** QXECQJ71

**Rev Date:** 11/27/2001

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** X

**Matl Cost:** 2,500

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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-59311-50 / VCHT PP - ACID CLEAN

**MJC:** EXECQK05

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 22

**Equip/Task:** X

**Matl Cost:** 2,500

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

ACCOMPLISH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-09 FOR ACID CLEANING OF THE CHT VACUUM COLLECTION TANK AND PIPING SYSTEM USING PARAGRAPHS 593-4.2.19.2 THROUGH 593-4.2.19.5 OF S9086-T8-STM-010/CH-593, POLLUTION CONTROL, FOR CRITERIA. NOTE: UTILIZE SUPSHIP PORTSMOUTH RECURRING WORK ITEM (RWI) 593-04, CLEAN CHT SYSTEM VACUUM TANKS AND PIPING (PCP), IN DEVELOPING THIS ITEM.

**Task/Abbreviation:** Q-59311-52 / VCHT PMP - RPR**MJC:** EXECQK34**Rev Date:** 06/07/2000**Std Template:****Sit Reqs:****Priority:** Highly Desirable**Qty:** 2**Matl Forecast:** NO**Lvl of Maint:** Intermediate**Freq:** 22**Equip/Task:** 1**Matl Cost:** 600**ManDays:** 15**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:** J-59311-122 / VCHT PMP MECH SEAL - REPL

**MJC:** EXECJP48

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:** 600

**ManDays:** 15

**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-59311-123 / VCHT PMP WEAR RINGS - REPL

**MJC:** EXECJP49

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:** 600

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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.

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**Task/Abbreviation:** J-59311-124 / VCHT PMP RT ASSY - RPR**MJC:** EXECJP50**Rev Date:****Std Template:****Sit Reqs:****Priority:** Highly Desirable**Qty:** 2**Matl Forecast:****Lvl of Maint:** Intermediate**Freq:** 22**Equip/Task:** 1**Matl Cost:** 600**ManDays:** 15**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: Q-59312-7 / WSTE WTR DRAIN PMP - RPR

MJC: EXECQK35

Rev Date: 07/12/2004

Std Template:

Sit Reqs:

Priority: Highly Desirable

Qty: 2

Matl Forecast: NO

Lvl of Maint: Intermediate

Freq: 22

Equip/Task: 1

Matl Cost: 600

ManDays: 15

**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:** J-59312-14 / WW DRAIN PMP MECH SEAL - REP

**MJC:** EXECJP51

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:** 600

**ManDays:** 15

**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-59312-15 / WW DRAIN PMP WEAR RINGS - REPL

**MJC:** EXECJP52

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:** 600

**ManDays:** 15

**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-59312-16 / WW DRAIN PMP RT ASSY - RPR

**MJC:** EXECJP53

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:** 600

**ManDays:** 15

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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-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:** 22

**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:** 70

**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:** Z-59321-27 / OILY WASTE SEPARATOR - CLN

**MJC:** EXECZ071

**Rev Date:** 07/12/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 6

**Equip/Task:** 1

**Matl Cost:** 250

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

CLEAN THE OILY WASTE SEPARATOR IN ACCORDANCE WITH PMS MIP 5932/016: 1. CLEAN COALESCING PLATES IN SEPARATOR TANK ASSEMBLY. 2. CLEAN SEPARATOR TANK. 3. CLEAN SEPARATOR LEVEL SENSOR ELECTRODES. 4. CLEAN AND INSPECT SEPARATOR LIQUID LEVEL INDICATOR SWITCH; TEST OPERATION OF SWITCH.

**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:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**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 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:** 70

**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:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**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:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** 1

**Matl Cost:** 450

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** A-59711-1 / AER MHC51-60136E - ACCOMP

**MJC:** EXTYA154

**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:**

BASELINE

**Problem Description:**

TYCOM AUTHORIZED ALTERATION

**Recommended Solution:**

ACCOMPLISH AER MHC51-60136E "EEBD REQUIREMENTS" WHICH MODIFES THE EMERGENCY ESCAPE BREATHING DEVICE NUMBER AND LOCATION REQUIREMENTS.

**Task/Abbreviation:** A-61211-3 / AER MHC51-60231E - ACCOMP

**MJC:** EXTYA158

**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 MHC51-60231E "LIFELINE STANCHION SAFETY PIN" WHICH REMOVES THE CURRENTLY INSTALLED LIFELINE STANCHION PINS AND REPLACES WITH NON-CORROSIVE STAINLESS SAFETY PINS.

**Task/Abbreviation:** K-62111-3 / SHIPALT MHC51-00040K ACCOMP

**MJC:** EXSAK605

**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:** 70,042

**ManDays:** 485

**Referenced Authority:**

FMP

**Reason:**

BASELINE

**Problem Description:**

SHIPALT MHC51-00040K, CBR-D CAPABILITY,  
NOT ACCOMPLISHED

**Recommended Solution:**

ACCOMPLISH SHIPALT MHC51-00040K WHICH ADDS A DECONTAMINATION STATION (1-37-2-L) ON PORT SIDE OF FANTAIL AFT; PROVIDES A WASHDOWN SYSTEM AND STORAGE SPACE/LOCKERS FOR CBR-D GEAR. REVISION 1 INCORPORATES ADDITIONAL NOZZLES INTO CMWD SYSTEM.

**Task/Abbreviation:** I-62311-2 / J-BAR DAVIT - INSP

**MJC:** EXECIK14

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 4

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 22

**Equip/Task:** 1

**Matl Cost:** 500

**ManDays:** 3

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

REMOVE, INSPECT, WEIGHT TEST, REPAIR AND REINSTALL THE J-BAR DAVIT.  
REPORT CONDITIONS FOUND TO THE SHIP'S CSMP.

**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:** 22

**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:** 22

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 10

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

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:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

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:** 70

**Equip/Task:**

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:**

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:**

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:**

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:**

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:**

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**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:** 70

**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:** 70

**Equip/Task:**

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:**

**Matl Cost:**

**ManDays:**

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**Equip/Task:** X

**Matl Cost:** 1,125

**ManDays:** 25

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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-62411-3 / WEA DK BERP - RESEAL

**MJC:** EXECQJ95

**Rev Date:** 07/12/2004

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 13

**Matl Forecast:**

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 500

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

RESEAL THE WEATHER DECK BOLTED EQUIPMENT REMOVAL PLATE (BERP) IN ACCORDANCE WITH NAVSEA DRAWING 624-7345761. ALL RESEALED WEATHER DECK BERPS SHALL BE GIVEN AN AIR HOSE OR WATER HOSE TEST AS SPECIFIED IN SECTION 192 OF NAVSEA S9AAO-AB-GOS-010. NOTE: GASKET MATERIAL AND SILICONE SEALANT SHALL BE AS SPECIFIED IN NAVSEA DRAWING 624-7345761 LIST OF MATERIAL.

**Task/Abbreviation:** Q-63111-1 / MCHRY SPACE BILGE - PSV

**MJC:** EXECQ976

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:** NO

**Lvl of Maint:** Depot

**Freq:** 70

**Equip/Task:** 1

**Matl Cost:** 6,750

**ManDays:** 150

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 6,750

**ManDays:** 150

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

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:** 70

**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:** 70

**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:** 70

**Equip/Task:** X

**Matl Cost:** 1,000

**ManDays:** 20

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

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-63311-8 / AER MHC51-60271E - ACCOMP

**MJC:** EXTYA165

**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 MHC51-60271E "SONAR TRUNK ZINC MODIFICATION" WHICH MODIFIES THE LOCATION OF ZINCS ON SONAR RAILS TO PREVENT BINDING WITH SONAR TOWED BODY. NOTE: APPLICABLE TO AVONDALE HULLS ONLY.

**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:** 70

**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:** 22

**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:** Z-65111-1 / DISHWASHER HWH RLF VLV - TST

**MJC:** EXECZ017

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** X

**Matl Forecast:** NO

**Lvl of Maint:** Intermediate

**Freq:** 24

**Equip/Task:** X

**Matl Cost:**

**ManDays:** 3

**Referenced Authority:**

CNSL LTR 4700 SER N431B3/3033 OF 30 MAY 1995

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

TBD

ACCOMPLISH TEST OF DISHWASHING MACHINE HOT WATER HEATER RELIEF VALVE.

**Task/Abbreviation:** Z-65111-7 / GARBAGE DISPOSAL CTR BLOCK-ADJ

**MJC:** EXECZ072

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 2

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:** 250

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

INSPECT AND ADJUST GARBAGE DISPOSAL CUTTER BLOCKS IN ACCORDANCE WITH PMS MIP 6517/003.

**Task/Abbreviation:** Z-65111-8 / ELEC OPERATED STM KETTLE - TST

**MJC:** EXECZ073

**Rev Date:**

**Std Template:**

**Sit Reqs:**

**Priority:** Highly Desirable

**Qty:** 1

**Matl Forecast:**

**Lvl of Maint:** Intermediate

**Freq:** 12

**Equip/Task:** 1

**Matl Cost:** 250

**ManDays:** 1

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TBD

**Recommended Solution:**

TEST RELIEF VALVE AND STEAM JACKET OF THE ELECTRICALLY OPERATED STEAM KETTLE IN ACCORDANCE WITH PMS MIP 6520/001.

---

**Task/Abbreviation:** K-66411-9 / SHIPALT MHC51-00156K**MJC:** EXSAK753**Rev Date:** 09/14/2004**Std Template:****Sit Reqs:****Priority:** Highly Desirable**Qty:** 1**Matl Forecast:****Lvl of Maint:** Depot**Freq:** 0**Equip/Task:** 1**Matl Cost:** 90,000**ManDays:** 104**Referenced Authority:**

FMP

**Reason:**

BASELINE

**Problem Description:**

SHIPALT MHC51-00156K, INSTALL SCBAS, AIR CYLINDERS, AND LOCKERS, NOT ACCOMPLISHED.

**Recommended Solution:**

ACCOMPLISH SHIPALT MHC51-00156K, INSTALL SCBAS, AIR CYLINDERS, AND LOCKERS WHICH REMOVES ALL EXISTING OBA UNITS AND SPARE CONTAINERS. ADDS STOWAGE LOCKERS FOR 25 SELF CONTAINED BREATHING APPARATUS (SCBA) AND SPARE CYLINDERS. INSTALLS 3 STOWAGE LOCKERS FOR ADDITIONAL SPARE BREATHING CYLINDERS. EACH SHIP OF THE CLASS WILL HAVE TO BE SHIP CHECKED BY THE PLANNING YARD TO CONFIRM FINAL LOCATIONS FOR EACH LOCKER. PROVIDES ONE BREATHING AIR COMPRESSOR. THE INTENT OF THE INSTALLATION IS TO INSTALL 12 LOCKERS IN THE FORWARD PORTION OF THE SHIP AND 12 LOCKERS IN THE AFT PORTION OF THE SHIP WITH ONE ADDITIONAL LOCKER INSTALLED NEAR CCS.

**Task/Abbreviation:** D-76311-3 / SHIPALT MHC51-0108D ACCOMP

**MJC:** EXSAD573

**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:** 1,800

**ManDays:** 7

**Referenced Authority:**

FMP

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

SHIPALT MHC51-00108D, INCREASE  
AMMUNITION STOWAGE, NOT ACCOMPLISHED

ACCOMPLISH SHIPALT MHC51-00108D WHICH INSTALLS ADDITIONAL AMMUNITION  
STOWAGE IN THE SMALL ARMS MAGAZINE TO ACCOMPLISH CMWC APPROVED  
ALLOWANCE. CHANGE COMPLETED ON MHC 58.

**Task/Abbreviation:** A-76311-4 / AER MHC51-60237E - ACCOMP

**MJC:** EXTYA612

**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:** 375

**ManDays:** 5

**Referenced Authority:**

FLEET REQUIREMENT

**Reason:**

BASELINE

**Problem Description:**

AER MHC51-60237, ARMORY PISTOL LOCK AND HASP, NOT ACCOMPLISHED

**Recommended Solution:**

ACCOMPLISH AER MHC51-60237 WHICH INSTALLS A HIGH SECURITY SYSTEM (FF-P-2827 PADLOCK AND A MIL-H-29182 NAPEC SHROUDED HIGH SECURITY HASP) ON ALL MHC 51 CLASS SHIPS' PISTOL LOCKERS.

---

**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:** 22**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:** 22

**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:** 0**Qty:** 0**Matl Forecast:** NO**Lvl of Maint:** Depot**Freq:** 22**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 &amp; 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 &amp; 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:** 22

**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:** 22

**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:** 22**Equip/Task:** 001**Matl Cost:** 435**ManDays:** 85**Referenced Authority:****Reason:****Problem Description:****Recommended Solution:**

BASELINE

HM&amp;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:** 22**Equip/Task:** 001**Matl Cost:** 174**ManDays:** 34**Referenced Authority:****Reason:****Problem Description:****Recommended Solution:**

BASELINE

HM&amp;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:** K-84311-2 / SHIPALT MHC51-00007K-ACCOMP

**MJC:** EXSAK424

**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 AUTHORIZED SHIPALT

ACCOMPLISH SHIPALT MHC51-00007K "WEIGHT & MOMENT COMPENSATION" WHICH PROVIDES A MEANS OF COMPENSATING FOR WEIGHT GROWTH AND CHANGES IN CENTER OF GRAVITY THROUGH REMOVAL, RELOCATION, REPLACEMENT OR MODIFICATION OF SHIP'S STRUCTURE AND EQUIPMENT OR THROUGH INSTALLATION OF BALLAST. THIS SHIPALT IS A RECURRING ALTERATION AND WILL BE ACCOMPLISHED DURING EACH OVERHAUL AND AVAILABILITY.

**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:** 22

**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:** 22

**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:** 22

**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:** 70

**Equip/Task:** 1

**Matl Cost:** 8,000

**ManDays:** 42

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TEMPORARY DUTY SECTION OFF-SHIP BERTHING FACILITIES ARE REQUIRED FOR THE DRYDOCK PORTION OF THE DPMA.

**Recommended Solution:**

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:** 70

**Equip/Task:** 1

**Matl Cost:** 4,000

**ManDays:** 21

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TEMPORARY DUTY SECTION OFF-SHIP BERTHING FACILITIES ARE REQUIRED FOR THE REPAIR PORTION OF THE DPMA.

**Recommended Solution:**

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:** 22**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: 22

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 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. 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:** 22

**Equip/Task:** 001

**Matl Cost:** 68

**ManDays:** 5

**Referenced Authority:**

**Reason:**

BASELINE

**Problem Description:**

COPIES OF AVAILABILITY RELATED DATA SHOULD BE PROVIDED TO THE SHIP AND THE PORT ENGINEER.

**Recommended Solution:**

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:** 22

**Equip/Task:** 001

**Matl Cost:** 4,290

**ManDays:** 74

**Referenced Authority:**

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

SERVICES TO PROVIDE INDUSTRIAL ASSISTANCE IN SUPPORT OF SHIP'S FORCE WORK ARE REQUIRED.

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:** 22

**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:** 22

**Equip/Task:** 001

**Matl Cost:** 850

**ManDays:** 31

**Referenced Authority:**

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

SERVICES TO PROVIDE INDUSTRIAL ASSISTANCE TO SUPPORT THE SELF-HELP HABITABILITY IMPROVEMENT PROJECT ARE REQUIRED.

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:** 22

**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: 22

Equip/Task: 1

Matl Cost: 3,000

ManDays: 88

## Referenced Authority:

## Reason:

BASELINE

## Problem Description:

ON-SITE MAINTENANCE PROCESS COORDINATION (OMPC) TO SUPPORT SHIP'S FORCE MAINTENANCE EFFORTS IS REQUIRED DURING CNO AVAILABILITY.

## Recommended Solution:

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:** 22

**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:** 22

**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:** 22**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:** 22

**Equip/Task:** 001

**Matl Cost:** 3,135

**ManDays:** 41

**Referenced Authority:**

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

PRE-TRIAL DISCREPANCIES 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:** 22

**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:** 22

**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:** 22

**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:** 22

**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:** 22

**Equip/Task:** 001

**Matl Cost:** 3,144

**ManDays:** 37

**Referenced Authority:**

**Reason:**

BASELINE

**Problem Description:**

SERVICES TO REFUEL THE SHIP ARE REQUIRED.

**Recommended Solution:**

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:** 22**Equip/Task:** 1**Matl Cost:** 2,650**ManDays:** 20**Referenced Authority:****Reason:**

MHC 51 CLASS

**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) SHIP'S OFFICE, (2) CENTRAL CONTROL STATION, (3) COMMUNICATIONS CENTER, (4) IC SWITCHBOARD ROOM, (5) CHART ROOM, (6) PILOT HOUSE, (7) COMBAT INFORMATION CENTER, (8) CYCLOIDAL PROPELLER ROOM, (9) SONAR, (10) POWER CONVERSION ROOM NO. 1, (11) POWER CONVERSION ROOM (2-8-1-Q).

**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:** 70

**Equip/Task:** 1

**Matl Cost:** 35,220

**ManDays:** 42

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TEMPORARY SERVICES ARE REQUIRED DURING THE DOCKING PORTION OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA).

**Recommended Solution:**

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:** 70

**Equip/Task:** 1

**Matl Cost:** 17,610

**ManDays:** 21

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

TEMPORARY SERVICES ARE REQUIRED DURING THE REPAIR PORTION OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA).

**Recommended Solution:**

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-99211-23 / 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:** 70

**Equip/Task:** 1

**Matl Cost:** 800

**ManDays:** 17

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

SERVICES FOR HANDLING AND DISPOSAL OF HAZARDOUS WASTE PERSONNEL FOR THE DOCKING PART OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA) ARE REQUIRED.

**Recommended Solution:**

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:** 70

**Equip/Task:** 1

**Matl Cost:** 800

**ManDays:** 17

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

SERVICES FOR HANDLING AND DISPOSAL OF HAZARDOUS WASTE PERSONNEL FOR THE REPAIR PART OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA) ARE REQUIRED.

**Recommended Solution:**

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-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:** 22

**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:** 22

**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:** 22

**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:** 22

**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:** 22

**Equip/Task:** 1

**Matl Cost:** 560

**ManDays:** 8

**Referenced Authority:**

**Reason:**

**Problem Description:**

**Recommended Solution:**

BASELINE

A DEDICATED T-1 LINE CONNECTION IS NEEDED TO PROVIDE NIPRNET AND SIPRNET SERVICE FOR SHIPS IN AN AVAILABILITY AT A COMMERCIAL SHIPYARD.

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: 22

Equip/Task: 1

Matl Cost: 800

ManDays: 28

**Referenced Authority:**

LANT N432A4 LTR OF 6/18/01

**Reason:**

BASELINE

**Problem Description:**

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.

**Recommended Solution:**

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:** 70

**Equip/Task:** 1

**Matl Cost:** 20,000

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

SERVICES TO TOW THE SHIP FOR THE DOCKING PART OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA) ARE REQUIRED.

**Recommended Solution:**

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:** 70

**Equip/Task:** 1

**Matl Cost:** 20,000

**ManDays:** 2

**Referenced Authority:**

FLEET REQUIREMENTS

**Reason:**

BASELINE

**Problem Description:**

SERVICES TO TOW THE SHIP FOR THE REPAIR PART OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA) ARE REQUIRED.

**Recommended Solution:**

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&amp;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: 22

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: 22

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:** 70

**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.