1.0 ABSTRACT

1.1 This item describes the requirement to provide an authorized Danfoss Sea Recovery technical representative to accomplish troubleshoot and provide a report for the Reverse Osmosis Unit.

2.0 REFERENCES

2.1 Tasman Sea T-2 Operator’s Manual B651730003

3.0 ITEM LOCATION/DESCRIPTION

3.1 Location/Quantity:

3.1.1 Location: Prop Mtr Rm (4-76-1)

3.1.2 Quantity: One (1) Each

3.2 Item Description/Manufacturer’s Data:

3.2.1 SRC TASMAN SEA T-2

3.2.2 BILL OF MATERIALS

All excess materials not used shall be provided to the MSCREP

4.0 GOVERNMENT FURNISHED EQUIPMENT/MATERIAL/SERVICES: None

5.0 NOTES

5.1 The contractor and all subcontractors, regardless of tier, must consult the General Technical Requirements (GTR) to determine applicability to this work item. In performance of this work item, the contractor and all subcontractors regardless of tier must comply with the requirements of all applicable GTRs.

5.2 The contractor and all subcontractors regardless of tier are advised to review the other work items under this contract to determine their effect on the work required under this work item.

5.3 THIS SHIP CONTAINS HIGH VOLTAGE (HV) ELECTRICAL SYSTEMS. OBEY ALL POSTED AND VERBAL INSTRUCTIONS REGARDING SAFETY AND EXCLUSION FROM HIGH VOLTAGE AREAS. AT NO TIME APPROACH, WORK ON, OR ENTER A HIGH VOLTAGE AREA WITHOUT PROPER AUTHORIZATION.

5.4 **THE T-AKE CLASS ELECTRICAL COLOR CODING DOES NOT FOLLOW CONSISTENT COLOR SCHEME. THE SHIP IS KNOWN TO HAVE CURRENT CARRYING CONDUCTORS COLORED GREEN, BLUE, BLACK, AND WHITE. ASSUME ALL ELECTRICAL CABLES ARE ENERGIZED UNTIL TESTED AND PROVEN OTHERWISE. TEST ALL**

ELECTICAL CABLES TO ENSURE THEY ARE DE-ENERGIZED PRIOR TO WORKING ON THE ITEM.

6.0 QUALITY ASSURANCE REQUIREMENTS: None Additional.

7.0 STATEMENT OF WORK REQUIRED

7.1 Upon the ships arrival and prior to ships docking contractor shall operate the unit and provide the condition found report to the Chief Engr/MSCREP. Report shall include all repair recommendations and unit upgrade if available.

7.2 Tag out and secure RO Unit with the assistance of SF.

7.3 Troubleshoot the errors of the unit.

7.4 Test each safety and shutdown on the RO Unit and place online for four hours in the presence of SF/MSCREP.

7.5 Provide documentation certifying completion of work performed as described above.

7.6 Manufacturer's Representative:

7.6.1 Provide an authorized/certified Sea Recovery Technical Representative to perform all work stated in this work item. Technical Representative shall provide certification letter to the MSCREP prior to commencing work. www.searecovery.com.

8.0 GENERAL REQUIREMENTS: None additional.