OPTIONAL WORK ITEM 2025-31
STBD PUMP ROOM REFURBISHMENT

1. GENERAL SCOPE
Renew Salt Water Service, HVAC, and Evaporator pumps with owner furnished units. Conduct valve renewal/maintenance and refurbish pump motors. Thoroughly inspect the sea chests and fire main seawater supply for advanced corrosion and repair as required. Replace all corroded sea chest and overboard valves and fittings. All deck plating, framing and supports to be mechanically cleaned and repainted per vessel painting specifications.

2. REFERENCE
   • 00199-524-01H.dwg  SEAWATER SERVICE SYSTEM SCHEMATIC

3. LOCATIONS
   • STBD Pump Room

4. OUTLINE OF WORK
   A. Ensure all equipment is locked out per vessel policy.
   B. All pumps and motors to be removed from the pump room. All electrical to be safe ended to avoid damage and properly labeled for reinstallation.
   C. All open piping to be blanked.
   D. All motor controllers to be completely protected.
   E. All deck plates to be removed.
   F. All piping, deck brackets, supports, ladders and pump skids to be mechanically cleaned.
   G. All piping to have UT performed. Results to be reviewed by owners rep.
   H. Thoroughly inspect sea chest, fittings, fire main seawater supply and provide Condition Found Report for all repairs needed.
   I. Any suspect areas to be mutually agreed to by owner and contractor
   J. All cleaned surfaces to be repainted per vessel painting specification
   K. SP3 surface preparation of 50% of all bilge coatings
   L. Renew all valves that are <2.5”
   M. Rebuild and hydrostatically test all valves that are 2.5” and greater
   N. New Owner Furnished motors to be reinstalled.
   O. Removed motors to be overhaul by contractor including internal inspection, electrical insulation readings, repairs, and painting of motor housing.
   P. All pumps and motors to be bump tested for proper rotation. Full performance testing will be performed when safe to do so.

5. WORK ITEM # 2025-1 GENERAL REQUIREMENTS shall also apply to all work items.