1. GENERAL SCOPE
   Inspect and repair stern A-Frame as listed below. Test upon completion.

2. REFERENCE
   STERN A-FRAME SYSTEM INSTALLATION, OPERATION, AND MAINTENANCE MANUAL DYNACON, INC JOB 682 (ABOARD VESSEL)

3. LOCATION
   Stern A-Frame, amidships, main deck aft stern

4. REMOVALS
   Items that may interfere with or be damaged by the repairs, removal, or installation of the stern A-Frame or hydraulic cylinders shall be protected or removed and reinstalled. These items may include, but are not limited to, hoses, clevis pins, brackets, guards, and wire ways. All temporarily removed items shall be reinstalled by the same method to their previous location. Items damaged in the process shall be repaired, replaced, or restored to original condition. Paint to be per vessel paint specifications under the direction of the International Paint Representative.

5. OUTLINE OF WORK
   Remove cylinders after safely supporting any and all structures attached to the hydraulic cylinders listed above, as well as supporting any other sections of these structures that may be affected by the removal of the cylinders. (Actual work progression may differ from the below)
      A. Disassemble attachments as required.
      B. Rebuild both hydraulic cylinders.
      C. Reassemble attachments to the rebuilt cylinders.
      D. Reinstall cylinders and any removed items. Replace hydraulic in conjunction with Work Scope 2025-25 HYDRAULIC REPAIRS
      E. After properly supporting, unbolt and raise/remove A-Frame from the aft deck. Inspect mating surfaces for deterioration and paint failure, take pin and bearing measurements. Submit to Owner’s Representative.
      F. Removal the three (3) sheaves, clean and inspect, check pins and bearings, repair as necessary. Reinstall with new fasteners.
      G. Entire unit to have abrasive blast to SA-2 specifications.
      H. Any required repairs are subject to a written Change Order by the Owner’s Representative.
      I. Prep and paint surfaces per paint specifications under the direction of the International Paint Representative.
      J. Repairs to mating surfaces, if required, are subject to a written Change Order by the Owner’s Representative.
      L. Preserve and repaint any and all damaged painted surfaces.
M. Replace all hydraulic hoses on A-Frame. All hoses must be certified and tagged with date, type of hose, and safe working pressure.

N. Perform dockside tests of the A-Frame to the satisfaction of the Technical or Ship’s Representative. This is to include static and dynamic weight testing per Reference documents. Safety factor shall be in accordance with ABS and USCG standards for such equipment.

O. Contractor will be responsible for arranging the ABS and/or USCG inspections, as required.

<table>
<thead>
<tr>
<th>Safe Work Load (Luffing)</th>
<th>88,800 N (9,100 kgs, 20,000 lbs)</th>
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</thead>
<tbody>
<tr>
<td>Safe Working Load Towing</td>
<td>133,000 N (13,600 kgs, 30,000 lbs) – DEPLOYED ON STOPS</td>
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</tbody>
</table>

Work Item 2025-01 GENERAL REQUIREMENTS shall also apply to all work items.