



ACCESS PLATFORM EXTENSION

CCGS ANN HARVEY

CANADIAN COAST GUARD



BY: BRIAN BELL

APPVED: ANGELA PORTER

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1 GENERAL PROJECT DESCRIPTION

1.1 GENERAL

The following specification is for the extension of a service platform on the CCGS Ann Harvey. The platform is located on the main mast and is used to service the Sea Tel Antenna Dome access plate. The intention of the extension is to increase safety and accessibility. The extension will include a cut-out to allow for head clearance from the platform below, an extension to the access ladder, and the installation of a hand rail around the platform.

1.2 SCOPE OF WORK

The contractor is to perform all strip-out, fabrication, and installation work required to complete the platform extension. The work is to be performed in accordance with the references listed in Section 2 and the Technical Description as detailed in Section 3.

2 REFERENCES

2.1 DRAWINGS AND TECHNICAL SPECIFICATIONS

- A. Allswater Structural Drawing No. 13038-250-S-001 Rev 0 – Platform Extension
- B. Canadian Coast Guard Drawing No. 06-050-001 Rev 3 – Sea-Tel Antenna Installation
- C. Canadian Coast Guard Specification No. H-20 – Main Mast Refurbishment

2.2 STANDARDS AND REGULATIONS

In addition to good shipbuilding practice, the installation, removal, and fabrication will comply with the following:

- A. CWB 47.1 Certification of Companies for Fusion Welding of Steel
- B. CWB 59 Welded Steel Construction

3 TECHNICAL DESCRIPTION

3.1 FUNCTIONAL AND DESIGN REQUIREMENTS

The Contractor will fabricate and install components in accordance with the drawings referenced in Section 2. The extension shall allow for easier transfer from ladder to platform while maintaining working clearance for platform below.

3.2 ACCEPTANCE CRITERIA

The Contractor shall ensure that all steel pieces are within accepted tolerances for proper assembly and installation. Mill certifications for new steel materials shall be provided upon request.

The contractor shall ensure that after the specified removals and installations have been completed, any disturbed paint coatings, electrical wiring, electrical devices and/or communication devices shall be returned to the as found condition. The contractor shall ensure that any devices, currently located on the platform, be relocated if necessary to ensure the proper functioning of these devices.

3.3 REMOVAL

The following items will be removed from the existing support platform:

- Existing safety railing
- Two rung ladder, providing access to Sea Tel Antenna Dome access panel
- Existing “cranked” and vertical posts (on aft end of platform)

The removals will be performed in accordance with the requirements of section 2. Removal will be deemed complete when platform has been ground flush and finished in accordance with existing coating specification.

3.4 INSTALLATION

The contractor shall install the ¼” steel plate additions (port and starboard) as specified in section 2. On the underside of the plate extension shall be welded flat bar stiffeners. The stiffeners will be located so as to butt ends with the existing stiffeners.

A safety railing shall be installed along the perimeter of the new platform. Details are given in section 2.

A three (3) rung ladder will replace the existing two (rung) ladder to give better access to the Sea Tel Antenna Dome access panel above.

3.5 PREPARATION

Prior to any work, the contractor shall take photographs of arrangement details, label tag, protectively wrap and dismount fixtures from their corroded mountings. The contractor shall rig protective tarps to ensure that debris from removals grinding and cutting does not harm devices mounted on the mast and communication domes.

3.6 WORKMANSHIP

The owner shall have authority to reject workmanship or material that is found defective, unsuitable or not in keeping with construction practice embodied in modern vessels, and not in conformity with the Specification.

3.7 FIREWATCH AND SAFETY

Adequate fire and safety precautions shall be observed during the project.