

Spec item #: H-08	SPECIFICATION	TCMSB Field # N/A
H-08 : DISHWASHER INSTALLATION		

Part 1: SCOPE:

- 1.1 The intent of this specification to install two new owner supplied dishwashers in the Officer's Pantry and the Crew's Mess

Part 2: REFERENCES:

- 2.1 Hobart AM 15 Installation and Operation manual.

Part 3: TECHNICAL DESCRIPTION:

- 3.1 The dishwashers shall be locked out at MCC 7a section 2 in the Salvage and Dive Locker. The Officer's pantry dishwasher shall be installed first in its entirety before the Crew's Mess unit is locked out and disconnected.
- 3.2 In the Officers pantry the towel rack and paper towel holder shall be removed from the bulkhead and stored for reinstallation. The pantry fridge shall be removed and stored for reinstallation upon completion of the installation.
- 3.3 The inboard counter is to be disconnected from the dishwasher and the counter removed and kept for reinstallation. The outboard counter shall be supported prior to being disconnected from the dishwasher.
- 3.4 The water connection to the dishwasher is to be shut down and disconnected from the dishwasher. The dishwasher drain and soap dispensers are to be disconnected from the existing dishwasher. The power cables shall be disconnected from the dishwasher and controls.
- 3.5 The dishwasher and controls shall be removed from the pantry and taken to the ship's cargo hold for disposal.
- 3.6 In the crew's mess deck head panels are to be removed to gain access to the deck head and the newly run 230V cable. Contractor is to install a kickpipe, as indicated by Chief Engineer, in the officer's pantry and run the new cable through the pipe. Cable is located at frame 54 next to soft serve machine. Cable is #6, 4 conductor, type CME Wire and Cable part # DFPCPBS26-4 Drilmar 125 XE E217848 Marine Cable. Pipe is to be fitted with watertight cable gland. Electrical cable is to be secured in the deck head and the deck head panels replaced. See H-08 Dishwasher install pictures.pdf
- 3.7 New cable is to be installed into the existing dishwasher disconnect switch. The cable shall be cut to the correct length and the excess cable retained. The old cable shall be terminated in the pantry to the satisfaction of the ship's Electrical Officer.
- 3.8 The new dishwasher shall be brought from the cargo hold to the pantry, ensuring the dishwasher is protected against damage during transition. Contractor is responsible for

any removals required to transport the dishwasher to the pantry. All removals to be reinstalled in good order upon completion.

- 3.9** The new dishwasher shall be installed in the corner in the same orientation as the original. The dishwasher height shall be adjusted to align with the inboard and outboard counters. The inboard counter shall be reinstalled and the both counters shall be tack welded in place to the new dishwasher.
- 3.10** The water supply, drain, power cables and soap dispenser lines will be connected to the new dishwasher.
- 3.11** In the crew's mess the towel rack is to be removed from the aft bulkhead in the dishwasher space.
- 3.12** The inboard counter is to be disconnected from the dishwasher and the counter removed and kept for reinstallation. The outboard counter shall be supported prior to being disconnected from the dishwasher.
- 3.13** The water connection to the dishwasher is to be shut down and disconnected from the dishwasher. The dishwasher drain and soap dispensers are to be disconnected from the existing dishwasher. The power cables shall be disconnected from the dishwasher and controls.
- 3.14** The dishwasher and controls shall be removed from the pantry and taken to the ship's cargo hold for disposal.
- 3.15** The deck head panels above the dishwasher are to be removed and the new power cable dropped down to be connected to the new disconnect switch. New Cable to be encased in stainless steel channel of same guage as counter to protect cable from damage. Cable is #6, 4 conductor, type CME Wire and Cable part # DFPCPBS26-4 Drillmar 125 XE E217848 Marine Cable. See H-08 Dishwasher install pictures.pdf
- 3.16** New cable is to be installed into the 2 new fused disconnects supplied by ship to be installed Allen Bradley #194R-CJ060P3 in place of original disconnects. The old cable shall be terminated in the crew's mess to the satisfaction of the ship's Electrical Officer.
- 3.17** The new dishwasher shall be brought from the cargo hold to the crew's mess, ensuring the dishwasher is protected against damage during transition. Contractor is responsible for any removals required to transport the dishwasher to the pantry. All removals to be reinstalled in good order upon completion.
- 3.18** The new dishwasher shall be installed in the corner in the same orientation as the original. The dishwasher height shall be adjusted to align with the inboard and outboard counters. The inboard counter shall be reinstalled and the both counters shall be tack welded in place to the new dishwasher.
- 3.19** The water supply, drain, power cables and soap dispenser lines will be connected to the new dishwasher.
- 3.20** In both dishwashers the internal dish tray guides shall be removed, rotated and reinstalled as required to allow for proper operation of the dishwasher.

Part 4: PROOF OF PERFORMANCE:

- 4.1** Dishwashers shall be proven to be operational in all functions upon completion of installation. Any installation deficiencies to be rectified by contractor.
- 4.2** All work to be to the satisfaction of the Chief Engineer.

Part 5: DELIVERABLES: