

Spec item #: H-	<b>SPECIFICATION</b>	TCMSB Field #: N/A
<b>Supply of Lifeboat Davit Package for CCGS Terry Fox.</b>		

### Part 1: SCOPE:

The intent of this specification shall be to replace the existing complete Lifeboat Davit package including Class approved davit and lifeboat onboard the CCGS Terry Fox. Lifeboat and Davit must conform to all applicable standards and regulations of the Life Saving Equipment Regulations TC # 1436) pursuant to the Canada Shipping Act, the International Convention for the Safety of Life at Sea (SOLAS), Lloyd's Register and Transport Canada approval (TP7320E, TP 7323E). A full set of Engineered stamped drawings shall be provided 8 weeks after award of contract.

1. New davits must be located within the area available as per drawing from MSI # 2417-01-00 for attachment to vessel.
2. Contractor shall include in their bid the cost of supplying an installation specification that shall be required within 8 weeks of contract award for the supply of the new davit package. Successful bidder shall perform a site visit to the vessel in St. John's, NL to confirm proposal is adequate for CCGS Terry Fox installation. Coast Guard shall make vessel available for a 24hr period in St. John's, NL to allow contractor time to obtain pertinent information/drawings to create acceptable installation specification. Coast Guard will provide all drawings and Coast Guard documentation required to successful Lifeboat Davit supplier.
3. Successful supplier to deliver complete davit and lifeboat package 24 weeks after award of contract to Technical Stores Warehouse at Canadian Coast Guard Base, Southside Road, St. John's NL.
4. New davits must not impede access or otherwise block passage around and under the davit. Passage shall be maintained under the davit and boat as per currently fitted arrangement.
5. Davit winch motors must be 440VAC.
6. Lifeboat shall be totally enclosed, rigid with a capacity for a min of 38 persons. Boat must be capable of loading personnel from the stowed position or at embarkation deck.
7. Lifeboat shall be fitted with an internal cabin heater rated at 400W.
8. Lifeboat shall be powered by a compression ignition engine with engine heater and dual electric start. Must be fitted with dual independent rechargeable power sources. The lifeboat engine and transmission shall be controlled from the helmsman position. Engine shall be capable of running in any position in the event of capsize and continue to run after up-righting. Lifeboat shall be rigid hull constructed of fibrous glass reinforced plastics and the material shall be resistant to deterioration from air temperature in the range of -30 to + 65 Deg C, rot, corrosion, seawater, oil, fungus and sunlight. Lifeboat when waterborne shall be capable of protecting persons onboard when subjected to a continuous oil fire that envelopes the lifeboat for a period of not less than 8 minutes.
9. Lifeboat shall be self-righting when capsized.
10. The Contractor shall be capable of supplying certified service personal and OEM parts within 24 hours of request.

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11. On delivery, Contractor shall supply (in duplicate) copies of boat "Type Approval" certificates, davit fabrication certification, engine and "as-fitted" equipment certification, and 3 copies of the Manufacturers' operation, parts list, and maintenance instructions.

### Current Arrangement

#### Lifeboat (Boat)

Watercraft- 37 persons

No. 8311558GS

Lift Hooks: Mills "Titan" On-Load

Total Davit Load: 6739Kg

#### Lifeboat Davit

Schat, Type GRA 7000/2130

Total Davit Load: 6739Kg

#### Lifeboat Davit Winch

Type BE 4500

SWL 4500Kg

-Inside distant between davits, 22' feet

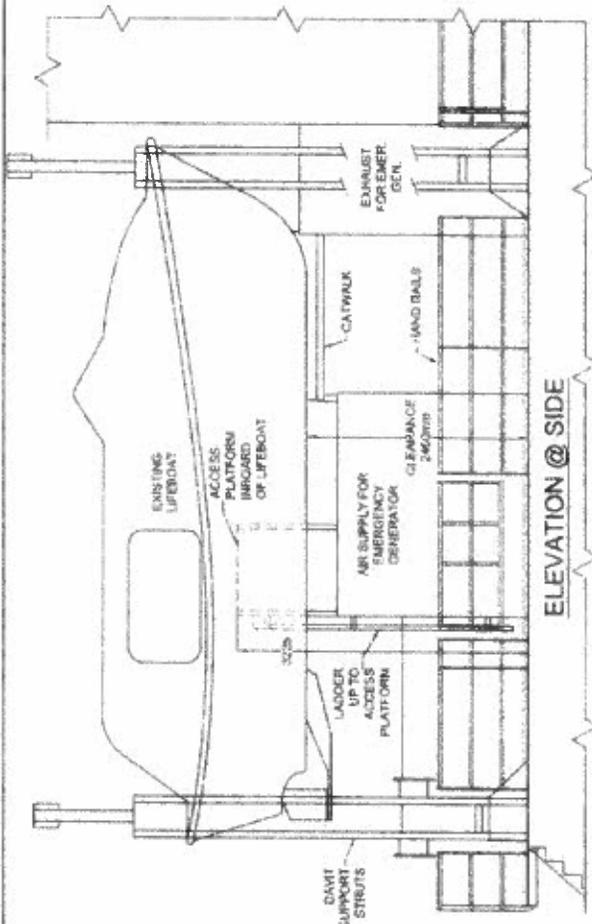
-Davit width 18 inches

-Outside distant of davits, 25 feet

-Area available for davit at deck level, 26 feet 2 inches by 9 feet 3 inches. Above the generator intake and exhaust the space is 13 feet 6 inches. The present davit goes in over these and is this width.

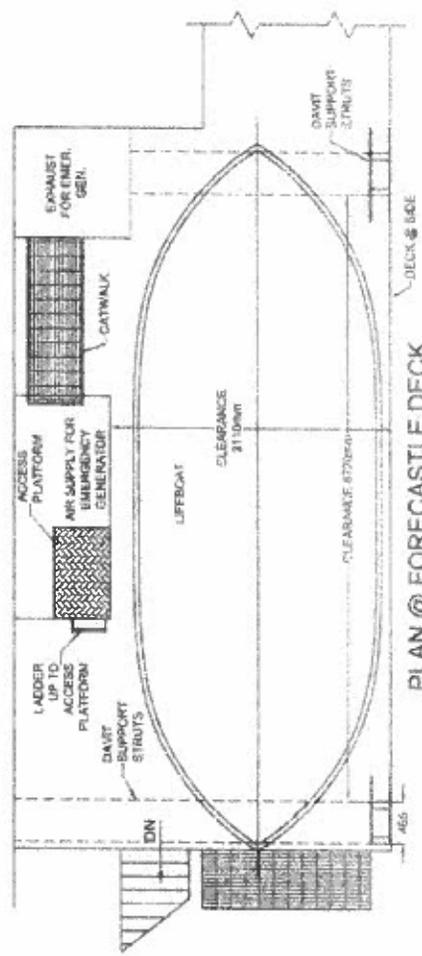
-Maximum space available for davits, 26 feet 2 inches x 13 feet 6 inches.

CCGS Terry Fox is certified for a complement of 34. Our present lifeboat's capacity is 37, LOA is 7.8M. X BOA 2.7M Schat Harding, gravity electric davit.



**EXISTING DAVIT**  
 GRAVITY ROLLER DAVIT  
 SCHAT TYPE GRA 70002130  
 S.W.L. = 7000KG  
 2130mm OUTREACH

**EXISTING LIFEBOAT**  
 WATERCRAFT MK III  
 LENGTH = 7.8M  
 BREADTH = 2.70M  
 DEPTH = 1.0M



<b>MSI</b> Marine Services International (2008) Ltd. 107A Majorca Park P.O. BOX 20137 St. Johns, NL Canada A1A 5B5 Telephone: 709 782 2700 Facsimile: 709 782 2707 www.msiintl.com	<b>C.C.G.S. TERRY FOX</b> <b>STARBOARD SIDE LIFEBOAT ARRANGEMENT</b>		PROJECT NO: 2417-21-100 SHEET NO: 0 DATE: 24/11/2012
	CLIENT: C.C.G.S. TERRY FOX PROJECT: STARBOARD SIDE LIFEBOAT ARRANGEMENT	DRAWN BY: [Name] CHECKED BY: [Name]	SCALE: 1:50 SHEET NO: 1 OF 1
	DATE: [Date] PROJECT NO: 2417-21-100	SHEET NO: 0	DATE: 24/11/2012
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