



## Island Tugger

The Island Tugger is an ice classed offshore anchor handling tug of 3050 horsepower originally built in 1981 for the oil exploration boom in the Arctic. The Island Tugger has performed many long range towing assignments such as a complete transit of the Northwest Passage, and trans-pacific voyages to deliver new build barges for Island Tug's fleet. Highly maneuverable and versatile, the Island Tugger is employed in everything from supporting ITB Subsea's diving and ROV operations to the largest of Island Tug's towing assignments.

### Registration:

**Vessel Type:** Tug  
**Builder:** Allied Shipbuilders Ltd.  
**Built:** 1981, Rebuilt 2000, ITB, 2010  
**Official Number:** 395515  
**IMO Number:** 8104101  
**Radio Call Sign:** CFH 8596  
**MMSI:** 316003100  
**Flag:** Canada  
**Owner:** Island Tug and Barge Ltd.  
**Port of Registry:** Vancouver BC  
**Gross Tonnage:** 479 t  
**Net Registered Tonnage:** 143 t

### Classification:

Lloyds +100A1 Tug Ice Class I  
 C.A.S. P.P.R. Arctic Type 'A'  
 Unlimited, All Oceans, NC1, NC2

### Dimensions:

**Length, overall:** 32.31 m  
**Breadth, moulded:** 10.36 m  
**Depth, moulded:** 4.02 m  
**Lightship Displacement:** 539.28 t  
**Lightship Draft:** 3.9 m  
**Loaded Displacement:** 869.82 t  
**Loaded Draft:** 4.66 m  
**Loaded Air Draft:** 18.68 m

### Propulsion:

**Engines:** 2 x EMD 8-645-E7 / 3050  
**Propulsion:** Twin screw, controllable pitch or ice wheels  
**BHP:** 3050  
**Bollard Pull:** 41 t

**Rudders:** Quad high lift

**Generators:** 2 x Cat 3306 150 kw  
 1 x Cat 3408 Hyd

**Bow Thruster:** Caterpillar Model 3403/200BHP

**Max Speed:** 12.8 knots

**Min Speed:** Dead slow, < 2 knots

**Endurance:**  
 3.5 m3/day@3kts (57 days)  
 5.5m3/day@5kts (36 days)  
 9.5m3/day@12kts (21 days)

### Deck Machinery:

**Towing Winch:** Burrard Iron Works Double Drum

**Main Towing Cable:** 2 x 823 m x 45 mm wire

**Tugger winch:** 2 x 60 Tonne on bow

2 x 6 Tonne Hyd

**Stern Pins:** Split roller 1.39 m dia.

C/W hold down hook

### Capacities:

**Clear deck space:** 97.85m2

**Deck Cargo:** 80 Tonne

**Potable Water:** 15.23 m3

**Water Maker:** 1400 gallons/day

**Fuel:** 200 m3

### Electronics:

**Radar:** 2 x Furuno with ARPA  
 (X and S band)

**ECDIS:** Computer based Navsim

**GPS:** 1 x Trimble GPS, 1 x Leica DGPS

**MF/HF Radio:** 2 x Sailor HF SSB

**VHF Radios:** 2 x Sailor with DSC

**Inmarsat C:** 1 x Sailor, 1 x Thrane/Thrane

**Echo Sounder:** Paper

**Compass:** Gyro: Sperry MK37,  
 Magnetic: JC Krohn & Sons

**Auto Pilot:** Wagner MK4

**AIS:** Furuno

**Navtex:** Furuno

**GMDSS:** A4

**Satellite Comm.:** 1 x Qualcomm

**Cell Phone:** (+1) 604-970-8007

**Fax (office):** (+1) 604-215-5587

**Email:** island.tugger@islandtug.net

### Special Features:

Equipped with RIB emergency boat

ICE Class

Search Lights: 3

### Accommodation:

17 total

### ISLAND TUGGER

Ex: Atlantic Oak

Ex: Canmar Tugger



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**Island Tug and Barge a subsidiary of Tidewater Canada, Incorporated**

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