

ISLAND MONARCH AND ISLAND TRADER



A proven offshore tug of 3000 horsepower, the *Island Monarch* is primarily engaged in pushing and towing of Tidewater Canada's large oil barge fleet.

In 2003, the *Island Monarch* underwent a conversion to an articulated pin system with advanced high lift rudders and upgrades for foreign-going service, and was paired with the double hulled *Island Trader*.

REGISTRATION

Vessel Type: Tug

Built: 1966 **Rebuilt:** 1995

Builder: Star Shipyards New Westminster

Classification: Transport Canada

Unlimited Voyage

IMO Number: 6608414 Official Number: 326548 Radio Call Sign: CFL 4938

Flag: Canada

Owner: Tidewater Transportation Canada, Inc.

Port of Registry: Vancouver, BC Gross Tonnage: 453.91 t Net Registered Tonnage: 136 t

DIMENSIONS | CAPACITIES

Length, overall: 41.45 m / 136' Breadth, moulded: 9.75 m / 32' Depth, moulded: 5.65 m / 18.2' Lightship Displacement: 506.41 t Loaded Displacement: 943.8 t Loaded Draft: 4.97 m / 16.3'

PROPULSION

Engines: 2 x EMD 8-645 E7 / 3000

Propulsion: Twin screw, fixed nozzles

BHP: 3000 Bollard Pull: 42 t Vessel Speed: 13 knots

Generators: 2 x Cat D3306 TA 170 kw 1 x GM 871 Hyd

Consumption: 10.8 t /day

DECK MACHINERY

Towing Winch: Burrard Iron Works Double Drum **Tow Lines:** 2500' x 2", 6 x 26 Galvanized Wire

CAPACITIES

Potable Water: 40 m3

Fuel: 300 m3

Accommodations: 10 total

ELECTRONICS

Auto Pilot: COMNAV 2001

Radar: 1 x Furuno FR7041, 1 x Furuno FR1941

Radio: VHF DSC - 1 x Sailor 6222; VHF - 1 x Sailor 6248;

MF/HF - 2 x Sailor GMDSS Coverage: Area A3

Satellite Communications: 1 x Qual-comm

GPS: 1 x Furuno GP 30

ECDIS: Computer-based NAVSIM

AIS: 1 x Furuno FA100

SPECIAL FEATURES

· Intercon C Series ATB pin coupler

· Equipped with high speed RIB rescue craft

· Additional elevated wheelhouse with 30 ft. height

TIDEWATER CANADA

Telephone: 604-873-4312 · info@ca.tidewater.com · TidewaterCanada.ca





ISLAND TRADER



The *Island Trader* is a double hulled, IMO compliant, Class A OPA 90 oil tank barge having an aggregate capacity of 65,000 barrels at 90% carried in twelve separate cargo tanks.

Designed as a dedicated Articulated Tug Barge Unit, the barge achieves speeds of 11 knots full loaded and is capable of pushing in sea conditions up to 12 metres.

REGISTRATION

Vessel Type: Oil Tank Barge

Rebuilt: 2003

Builder: Jinling Shipyard Nanjing China

Hull: Double Hulled Official Number: 822069 IMO Number: 8645894

Flag: Canada

Owner: Tidewater Transportation Canada, Inc.

Port of Registry: Vancouver, BC

Gross Tonnage: 5320 t

Net Registered Tonnage: 2910 t Dead Weight Tonnage: 9250 t

CLASSIFICATION

Transport Canada Class A Oil Barge,

Arctic Class A1

American Bureau of Shipping

A1 Oil Tank Barge

DIMENSIONS | CAPACITIES

Length, overall: 112.4 m / 368.7'
Breadth, moulded: 21 m / 68.9'
Depth, moulded: 9.6 m / 31.5'
Lightship Displacement: 2790.47 t
Lightship Draft: 2.416 m / 7.9'
Lightship Air Draft: 19.52 m / 64'
Full Load Displacement: 11825.71 t

Full Load Draft: 6.402 m / 21'

Full Load Air Draft: 15.342 m / 50.3'
Oil Tank Capacity: 10500 m3 @ 95%

Cargo Tanks: 12

Bow to Center of Manifold: 63m

PUMPS

4 Goulds Centrifugal, 600m3/hr

MAIN MACHINERY

Bow Thruster: Schottel SPJ 132, 800 hp, 360 degree

SPECIAL FEATURES

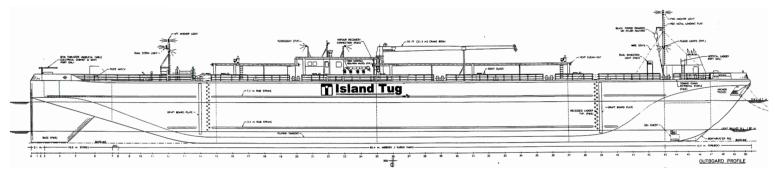
- · Double Hulled OPA 90 compliant
- Tank Radar remote monitoring and ullaging system connected to central cargo management computer - Saab
- Centralized control and monitoring with all barge functions remote operated
- · Rising Stick fill indicators
- Alarmed overfill protection Saab
- · Alarmed over-pressure protection Saab
- Closed Loading
- Vapour Recovery Vent System 7
- · Quality Control Lab
- · Articulated Pin Style Pushing System by Intercon
- · Ice Classed and strengthened for use in Arctic Class A1
- Lock and canal compliant
- · Coated cargo tanks for chemical carriage

TIDEWATER CANADA

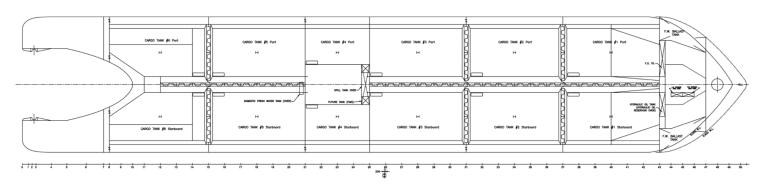
Telephone: 604-873-4312 · info@ca.tidewater.com · TidewaterCanada.ca







OUTBOARD PROFILE



BELOW MAIN DECK**

- * Reference Drawing No.: Peter S. Hatfield LTD, Vancouver, B.C., Canada; 021000-1, No. 958-1.
 ** Reference Drawing No.: Dixon Naval Architects LTD, West Vancouver, B.C., Canada; 021000-4, No. 958-4.





