



Island Tug

www.islandtug.com



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 fully loaded and is capable of pushing in sea conditions up to 12 metres.



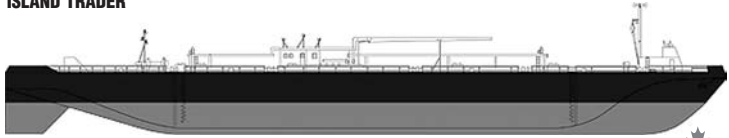
Island Tug and Barge Ltd.

55 Rogers Street
Vancouver, BC Canada V6A 3X8
Tel: 604 873-4312 • Fax: 604 873-4318
Email: info@islandtug.com



Island Tug

ISLAND TRADER



Registration:

Built: Jinling Shipyard, PRC
Flag: Canada built 2003
Owner: Island Tug and Barge Ltd.
Official Number:TBA
Port of Registry: Vancouver, BC

Classification:

American Bureau of Shipping
A1 Oil Tank Barge
Arctic Class D0
Transport Canada Class A Oil Barge
Cargos with flash point below 60E C

Dimensions:

Length, overall: 112.4 m
Breadth, moulded: 21.0 m
Depth, moulded: 9.6 m
Design draft: 6.4 m
GRT: 5320
NRT: 2910

Main Machinery:

Port and Stb. Hydraulic Power Units -
Caterpillar Model 3412 E
Ship Set Generator - 99 KW Caterpillar
Model 3306 TA
Electronic Controllable Flow and Pressure
Hydraulic Control System
Bow Thruster - 700 Horsepower Schottel
SPJ 132
Fully automated Alarms, Controls and
Monitoring Systems

Deck Machinery:

Hydraulic Hose Handling Crane with 23 m
reach - Alaska Marine Crane
Hydraulic Line Handling Winches
-Burrard Iron
Located - Port Stern, Stb Stern, Port Bow,
Stb Bow and Midship
Remote Release Hydraulic Anchor windless
- Burrard Iron
Hydraulic Pollution Boom Reel
Aluminum Work/Boom boat

Capacities:

12 Cargo Tanks
65,320 Bbls @ 95%
4 independent load and discharge systems
Independent spill/retain tanks
Segregated fresh water ballast tanks

Pumps:

Main:

4 Goulds Model 3410 Centrifugal Pumps
16,800 Bbls per hour total at 135 PSI
4200 Bbls per hour each
Hydraulically Driven

Stripping:

4 Blackmere Model HFG vane pumps
4000 Bbls per hour total at 130 PSI
1000 Bbls per hour each
Hydraulically Driven

Special Features:

Double Hulled OPA 90 compliant
Tank Radar remote monitoring and ullaging
system connected to central cargo
management computer - EMS
Centralized control and monitoring with all
barge functions remote operated
Rising Stick fill indicators
Alarmed overflow protection - EMS
Alarmed over-pressure protection - EMS
Closed Loading
Vapour Recovery Vent System
700 hp, 360 degree Bow Thruster
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

Our Goal:



“Operational Excellence and
Enthusiastic Achievement”