



## ITB Reliant and ITB Resolution



The **ITB Reliant and ITB Resolution** are double hulled, IMO compliant, OPA 90 oil tank barges having an aggregate capacity of 26,500 bbls carried in 12 cargo tanks.

Designed for both pushing and towing, the barges are equipped with a 320 kW, omnidirectional, pump jet bow thruster for aiding in docking and maneuvering. Equipped with 4 independent pumping systems, the barges can deliver a variety of products quickly and efficiently. The barges are equipped for closed loading vapour recovery, with a common vent/overflow system that connects to shore side vapour systems.

The barges normal area of operations include British Columbia, Southeast Alaska, and Puget Sound.

### Registration:

Built: Penglai Bohai Shipyard, 2007  
Flag: Canada  
Owner: Island Tug and Barge  
Official Number: 830999 (Reliant)  
831000 (Resolution)  
Port of Registry: Vancouver

### Classification

Transport Canada Class A Oil Barge  
Cargos with flash point below 60 C

### Dimensions

Length Overall:	77.96m
Breadth, moulded:	20.15m
Depth, moulded:	6.00m
GRT:	2398
NRT	1217

### Capacities

12 Cargo Tanks  
26,500 bbls @ 95%  
Spill retain tank

### Main Machinery

- 2 Diesel Hydraulic Power Units
- 1 Ship Service Generator
- Electronic Controllable Flow and Pressure Hydraulic Control System

### Deck Machinery

- Hydraulic Hose Handling Crane
- Hydraulic Pollution Boom Reel
- 2 Barge Winches

### Pumping system

- 4 independent load and discharge systems
- Hydraulically driven pumps
- Stripping system

### Special Features

- Double Hull OPA 90 compliant
- Pushing notch
- 320kW pump jet bow thruster (remote controlled from Tug)
- Tank Radar remote monitoring and ullaging system connected to central cargo management computer
- Rising Stick Fill Indicators
- Alarmed high level and Overfill Protection
- Closed Loading Vapour Recovery
- Quality Control Lab
- Fire detection and alarm system
- Machinery Room Fixed Fire protection system
- Pump room hazardous vapour detection system
- International Loadline for unrestricted ocean service.
- Onboard containment boom, skimmer, and other oil spill containment equipment and

### Our Goal



*Operational Excellence and  
Enthusiastic Achievement*

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## ITB RELIANT

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Type: Transport Canada Class A, OPA 90 Oil Tank Barge

Dimensions: 77.96m x 20.15m x 6.00m

Capacity: 26,500 Bbls

Notes: Double Hulled, 320kW bow thruster

