

**VESSEL SPECIFICATIONS
M.V. Vic Ingraham**



Pusher – Towing Tug

REGISTRATION

Built by	Allied Shipbuilders Ltd., Vancouver, B.C.
Owner	Northern Transportation Company Limited
Port of Registry	Vancouver
Official Number	344735
Radio Call Sign	CZ9716
Certification	Minor Water I - Great Slave Lake & Mackenzie River
Flag	Canadian

PRINCIPAL DIMENSIONS

Length O.A.	154'6"
Length at W.L.	148'4"
Breadth Moulded	50'0"
Depth Moulded	9'6"
Light Draft	3'6"
Loaded Draft	3'9"
Gross Tonnage	711
Net Tonnage	484
Accommodation	13 Crew 5 Supernumeraries

**NAVIGATION AND
COMMUNICATION EQUIPMENT**

- 2 – Radars
- 1 – Gyrocompass
- 3 – Searchlights
- 1 – Recording Echo Sounder
- 1 – Flashing Echo Sounder
- 1 – Mobile Telephone, Northwestel network
- 2 – VHF Radio Telephones
- 2 – HF Radio Telephones, single side band
- 1 – Loudhailer
- 1 – Watchkeeping Receiver
- 1 – E.P.I.R.B.
- 1 – Magnetic Compass

CAPACITIES

Fuel	230,000 litres/50,600 Imp. gallons
Lube Oil	3,400 litres/750 Imp. gallons
Fresh Water	5,845 litres/1,290 Imp. gallons

REFRIGERATED STORAGE

Freezer	240 cubic feet
Cooler	240 cubic feet
Storage Dry Goods	960 cubic feet

MACHINERY

Main Engines	4 - Caterpillar V16 D399 Developing 1125 HP each at 1225 RPM
Reduction Gears	4 - Lufkin RS1616H Rated 1400 HP, Ratio 2.556:1
Propellers	4 - Inboard turning 56" dia x 50" pitch (Kort nozzle)
Rudders	Eight
Auxiliary Generators	2 - GM Detroit Diesel RC6045 (6-71) c/w two Delco 440V, 3PH, 60 HZ, 100 KW each
Fuel Consumption	550 litres per hour
Range	5,000 nautical miles
Speed	12 knots

DECK EQUIPMENT

Towing Winch	J. Swann Ltd. Series "TH" 5022 Drum capacity - 1650' of 1 1/2" SWR Line pull - 28,000 lbs at 80 FPM mid-drum
Anchor Windlass	J. Swann Ltd. Model 369 MK3201 Drum capacity - 90 FMS (540') of 1 1/2" SWR Plus 15 FMS (90') of 1 1/8" S-L chain
Anchors	2 - 500 lb Danforth
Hook-up Winches	2 - 40 ton hydraulic 2 - 40 ton hand with 125' of 1 1/4" cable on each

