

**VESSEL SPECIFICATIONS  
M.V. Keewatin**



**Towing Tug**

**REGISTRATION**

Built by	Yarrows Ltd., Esquimalt, B.C.
Owner	Northern Transportation Company Limited
Port of Registry	Edmonton
Official Number	348028
Radio Call Sign	CZ2965
ASPPR - Ice Class	Type C
Lloyds Ice Class	II
Certification	Home Trade I - Canadian ports only
Flag	Canadian

**PRINCIPAL DIMENSIONS**

Length O.A.	126'6"
Length at W.L.	124'0"
Breadth Moulded	38'1"
Depth Moulded	12'1"
Light Draft	6'6"
Loaded Draft	8'10"
Gross Tonnage	476
Net Tonnage	198
Accommodation	13 Crew 2 Supernumeraries

**MACHINERY**

Main Engines	3 - Caterpillar D399 Developing 1125 HP each at 1225 RPM
Reduction Gears	3 - Caterpillar Model 7261 Ratio 2.89:1 ahead, 3.18:1 astern
Propellers	3 - center righthand turning, 2 - outer inboard turning (Kort nozzles) 60" dia x 54" pitch
Rudders	Six
Auxiliary Generators Sets (2)	Port Cat D3304, RPM 1800, c/w Kato volts 230, 3PH, 90 KW Star Cat D3306, RPM 1800 c/w Brown Boxari volts 230, 3PH, 115 KW
Emergency Generator Set	Harbour Kohler Gasoline Engine Model 15RN181, 4 cyl 1800 RPM, Volts 208/120, 3PH, 20 KW
Fuel Consumption	500 litres per hour
Range	5,700 nautical miles
Speed	12 knots

**DECK EQUIPMENT**

Towing Winch	Burrard Iron Works Ltd. 2 drum, capacity 3000' of 1 1/4" SWR on each
Anchor Windlass	Harrison & Robbins Hydraulic with 150 FMS of 1 1/4" chain
Anchors	3 - 2000 lb Navy

**NAVIGATION AND  
COMMUNICATION EQUIPMENT**

2 - Gyrocompasses
1 - Auto Pilot
1 - Marinefax
1 - Satellite Navigator
1 - Indicating Echo Sounder
1 - Chart Recorder Sounder
2 - Radars
3 - Searchlights
1 - VHF Radio Telephone
2 - HF Radio Telephones, single side band
1 - Direction Finder
1 - Loudhailer
1 - E.P.I.R.B.
1 - Magnetic Compass

**CAPACITIES**

Fuel	236,000 litres/51,900 Imp. gallons
Fresh Water	41,000 litres/9,000 Imp. gallons

**REFRIGERATED STORAGE**

Freezer	460 cubic feet
Cooler	600 cubic feet
Storage Dry Goods	1100 cubic feet

