

**VESSEL SPECIFICATIONS
M.V. Nunakput**



Pusher - Towing Tug

REGISTRATION

| | |
|------------------|---|
| Built by | Allied Shipbuilders Ltd. Vancouver, B.C. |
| Owner | Northern Transportation Company Limited 42003 Mackenzie Highway Hay River, Northwest Territories Canada X0E 0R9 |
| Port of Registry | Vancouver |
| Official Number | 331298 |
| Radio Call Sign | VC6750 |
| ASPPR Ice Class | Type E |
| Certification | Home Trade II - Western Arctic |
| Flag | Canadian |

PRINCIPAL DIMENSIONS

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|--|------------------------------|
| Length O.A. | 167'6" |
| Breadth Moulded | 47'9" |
| Depth Moulded | 10'6" |
| Light Draft | 5'0" |
| Loaded Draft | 6'0" |
| Dual operating draft capabilities for Mackenzie River/Beaufort Sea Operations | |
| Gross Tonnage | 789 |
| Net Tonnage | 524 |
| Accommodation | 14 crew 3 Supernumeraries |

**NAVIGATION AND
COMMUNICATION EQUIPMENT**

- 2 - Radars
- 2 - Gyrocompasses
- 1 - Satellite Navigator
- 1 - Marinefax
- 1 - Direction Finder
- 1 - Recording Echo Sounder
- 1 - Flashing Echo Sounder
- 3 - Searchlights
- 1 - Mobile Telephoné, Northwestel network
- 2 - VHF Radio Telephones
- 2 - HF Radio Telephones, single side band
- 2 - Loudhailers
- 1 - Watchkeeping Receiver
- 1 - Helicopter Beacon
- 1 - Wind Speed/Direction Indicator
- 1 - E.P.I.R.B.
- 1 - Magnetic Compass

CAPACITIES

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|-------------|---|
| Fuel | 300,000 litres/66,000 imp. gallons |
| Lube Oil | 4,100 litres/900 imp. gallons |
| Fresh Water | 184,000 litres/40,500 imp. gallons |
| Desalinator | 2,000 litres per day/ 440 imp. gallons per day |

REFRIGERATED STORAGE

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|----------------------|-------------------|
| Freezer | 455.5 cubic feet |
| Cooler | 559.3 cubic feet |
| Storage Dry Goods | 1040.0 cubic feet |

MACHINERY

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|-------------------------|--|
| Main Engines | 2 - GM, EMD, V12, 645E5 Developing 2150 HP each at 900 RPM |
| Reduction Gears | 2 - Lufkin RS2520 Rated 2100 HP, Ratio 1.532:1 |
| Propellers | 2 - Inboard turning 60" dia x 42 1/2" pitch (open) |
| Rudders | Four |
| Auxiliary Generators | 2 - GM Detroit Diesel RC6045 (6-71) c/w Delco 440V, 3PH, 60 HZ, 100 KW each |
| Fuel Consumption | 525 litres per hour |
| Range | 6,600 nautical miles |
| Speed | 12 knots light vessel 7 knots towing |

DECK EQUIPMENT

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|-----------------|---|
| Towing Winch | 1 - Swann single drum hydraulic Drum capacity - 2200' of 1 3/4" SWR |
| Anchor Windlass | 1 - Swann with two 14" warping heads |
| Anchors | 2 - 2000 lb Navy 2 - 90 FMS (540') of 1 1/4" chain |
| Hook-up Winches | 2 - 40 ton hydraulic 2 - 40 ton hand with 125' of 1 1/4" cable on each 2 - Manoeuvring Control Stations - winch controls at after station |

