

VESSEL SPECIFICATIONS
M.V. Jim Kilabuk / M.V. Alex Gordon



**Icebreaking, Anchor Handling,
Tug Supply Vessel**

REGISTRATION

M.V. Jim Kilabuk	Built by Yarrows Ltd. Victoria, B.C.
M.V. Alex Gordon	Built by Burrard Drydock Co. Ltd. Vancouver, B.C.
Commissioned	1975
Owner	Northern Transportation Company Limited 42003 Mackenzie Highway Hay River, Northwest Territories Canada X0E 0R9
Official Number	370261 - M.V. Jim Kilabuk 370260 - M.V. Alex Gordon
Radio Call Sign	CZ6463 - M.V. Jim Kilabuk CZ6462 - M.V. Alex Gordon
Port of Registry	Vancouver, B.C.
Classification	Lloyd's + 100 A1 Ice Class 1
ASPPR Arctic Class	Arctic Class 2
Flag	Canadian

PRINCIPAL DIMENSIONS

Length O.A.	205 ft. (62.48 m)
Breadth Moulded	45 ft. (13.72 m)
Depth Moulded	18.2 ft. (5.56 m)
Draft Summer Load	14.2 ft. (4.33 m)
Gross Tonnage	1,190 T
Net Tonnage	387 T
Accommodation	13 crew 3 Supernumeraries



PROPULSION

Main Propulsion	Twin screw installation, 2 G.M. EMD 20 - 645 - E7 turbo charged diesel engines, clutched to reduction gears driving open KaMeWa propellers - 2 rudders
B.H.P.	7,200
Thrusters	1 - 350 B.H.P. tunnel type bow thruster
Auxiliary Machinery	2 - CAT D343TA 200 kW diesel generators 1 - CAT D343 (bow thruster)
Speed (cruising)	12.5 knots (max. 15.5 kts.)
Fuel Consumption	100 bbls. (16 m ³ /day) at cruising speed

DECK EQUIPMENT

Bollard Pull	75 T
Tow Winch	1 - Hydraulic double drum waterfall type anchor handling tow winch
	1 - 136 ton capacity towing drum with 3,000 ft. (914 m) of 2 1/4 inches (57 mm) dia. wire
Deck Machinery	4 - 5 ton tugger winches 2 - 7 ton capstans 1 - 3 ton SWL service boom 1 storage reel 1 SPG hydraulics telescopic rescue crane SWL 2 T
Stern Roller	12 ft. long by 6 ft. dia. (3.66 m long by 1.83 m dia.)

**NAVIGATION AND
COMMUNICATION EQUIPMENT**

- 4 - manoeuvring control stations
- 1 - Sperry auto pilot
- 1 - SG Brown SGB 1000 gyro compass
- 1 - Sestral magnetic compass
- 1 - Sperry Selesmar 1024 radar
- 1 - Sperry 1270 radar
- 1 - Motorola Triton 40S synthesized SSB transceiver
- 1 - Simrad RW 105 watch receiver
- 1 - cellular telephone
- 1 - Taiyo HF DF TD-L1100
- 1 - EPIRB - Seamate 500
- 1 - Kodon LR 769 Loran C receiver
- 1 - Gundry Bilmac 500 S1B
- 1 - Ray 152 programmable SSB radio
- 1 - Taiyo VHF DF
- 2 - Raytheon Ray 55 multi-channel VHF radios c/w slave
- 1 - Taiyo TDL-1100 radio direction finder
- 1 - Honeywell Elac Echograph Laz 51 echo sounder c/w
remote digital readout
- 1 - Bendix/King KY 97A air/ground transceiver
- 1 - Honeywell distress generator
- 1 - Marconi 710 lifeboat radio
- 4 - Marine VHF handheld transceivers
- 1 - Alden marine weather fax
- 1 - Johnson messenger C.B. radio
- 1 - Magnavox Mk. 4102 satellite navigator
- 1 - Reelatio S.I.B. receiver
- 4 - Searchlights

CAPACITIES

Deadweight at Max. Draft	981 T
Clear Deck Space	
Length	98.4 ft. (30 m)
Breadth	36 ft. (11 m)
Total Area	3,616 ft. ² (336 m ²)
Max. Deck Cargo	700 T
Bulk (Barite/Cement)	
Pressure Tanks	3
Capacity/each	1,210 ft. ³ (34.3 m ³)
Potable Water	1,358 bbls. (216 m ³)
Drill Water	3,451 bbls. (549 m ³)
Fuel/Fuel Cargo	3,582 bbls. (570 m ³)
Refrigerated Storage	
Deep Freeze	494 ft. ³ (14 m ³)
Cooler	494 ft. ³ (14 m ³)

SPECIAL FEATURES

- Meets MARPOL/SOLAS/IMO requirements
- Equipped with high speed rescue craft
- 360 degree visibility from bridge
- Totally enclosed winch house
- Double skin hull
- Independent rudder control system