

# VESSEL PROFILE: M.V. JIM KILABUK



REGISTRATION	
Built by	Burrard Drydock Co. Ltd. Vancouver B.C.
Commissioned	1975
Owner	Northern Transportation Company Ltd
Port of Registry	Vancouver B.C.
Official Number	370260
Radio Call Sign	VCMJ
ISM Number	7420730
Classification	Lloyd's + 100 A1; Ice Class 1
ASPPR Arctic Class	Arctic Class 2
Flag	Canadian

PRINCIPAL DIMENSIONS	
Length O.A.	205'
Breadth Moulded	45'
Depth Moulded	18.2'
Draft at Summer LL	14.2'
Gross Tonnage / Net	1190 / 387

PROPULSION	
Main Propulsion	Twin screw installation
	2 G.M. ED 20-645-E7 turbo charged diesel engines clutched to reduction gears driving open KaMeWa propellers - 2 rudders
BHP	7200
Thrusters	1-350 BHP tunnel type bow thruster
Auxiliary Machinery	2-CAT 3406 200 Kw diesel generators
Thrusters	1-CAT D343 (bow thruster)
Cruising Speed	11.5 kts (14kts max)

DECK EQUIPMENT / MACHINERY	
Bollard Pull	71 T as of July 2009
Tow Winch	1-hydraulic double drum waterfall type anchor handling tow winch
	1-136 T capacity towing drum with 3,000' of 2.25" wire
Deck Machinery	2 - 5 T tugger winches
	2 - 7 T capstans
	1 - 2 T SWL telescopic crane
	1 - 3.2 T SWL Hymarine A32 Davit
Stern Roller	12' long by 6' dia

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

CAPACITIES	
Deadweight	981 T @ Max draft
Clear Deck Space	98.4' x 36' (3,616 ft2)
Max Deck Cargo	700 T
Bulk (Barite/Cement)	3-Pressure tanks 34.3m3 ea.
Fuel/Fuel Cargo	542 m3 @ 90%
Drill/Ballast Water	549 m3
Fresh Water	216 m3
Accommodation	11 Crew
	6 Supernumeraries
Fuel Consumption	10 m3/day @ cruising speed
Range	1,750 nautical miles
Speed	11.5 kts (14kts max)

NAVIGATION AND COMMUNICATION EQUIPMENT	
4 - Maneuvering Control Stations	
1 - Furuno Marine Radar/ARPA MU 201 CR	
1 - Kodan Marine Radar MDC 1021	
1 - Simrad Echo Sounder EN	
1 - Hondex Colour LCD Echo Sounder HE-670	
1 - Furuno GPS Navigator GP-32	
1 - Furuno GPS Navigator GP-33	
1 - Furuno GPS Navigator GP-150	
1 - JRC AIS (Automatic Identification System) JHS-182	
1 - JRC Navtex Receiver NCR-300A	
1 - Sperry Marine System Lever Pilot (Autopilot)	
1 - Sperry Digital Gyrocompass Navigat X MK1	
1 - SG Brown Gyrocompass SGB 1000	
1 - Sestral Magnetic Compass	
1 - Tiayo Automatic Digital Direction Finder TDL - 1100	
1 - Tiayo Automatic Digital Direction Finder TDL - 1520	
1 - Furuno GMDSS Station: INMARSAT-C / NBDP Terminal / MF/HF DSC receiver / MF/HF DSC Terminal / SSB Radiotelephone / Printer	
2 - Furuno VHF radiotelephone FM - 8500	
1 - iCom VHF transceiver iC - M120	
1 - iCom HF Marine Transceiver iC-M710	
3 - Jotron GMDSS portable Radios	
4 - Searchlights	
1 - Furuno A-D Converter (Gyro Repeater) AD-100	
2 - Raytheon Ray 55 multi-channel VHF radios c/w slave	
1 - Ocean Signal EPIRB	
1 - MaxSea - Electronic Navigation Chart	
1 - Cellular phone	

REFRIGERATED STORAGE	
Cooler	14 m3
Freezer	14 m3



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## VESSEL DRAWINGS

### M.V. JIM KILABUK

#### PRINCIPAL DIMENSIONS

Length Overall	205 ft. (62.48m)
Breadth Moulded	45 ft. (13.72m)
Depth Moulded	18.2 ft. (5.56m)
Draft	14.2 ft. (4.33m)
Accommodation	13 Crew 3 Supernumeraries

