

VESSEL SPECIFICATIONS
M.V. Edgar Kotokak / M.V. Henry Christoffersen



Pusher – Towing Tugs

REGISTRATION

Edgar Kotokak	Built by Burrard Drydock Co. Ltd. North Vancouver, B.C.
Henry Christoffersen	Built by Yarrows Shipbuilders Ltd. Victoria, B.C.
Owner	Northern Transportation Company Limited 42003 Mackenzie Highway Hay River, Northwest Territories Canada X0E 0R9
Port of Registry	Edmonton - Edgar Kotokak Edmonton - Henry Christoffersen
Official Number	347537 Edgar Kotokak 347544 Henry Christoffersen
Radio Call Sign	CZ3694 - Edgar Kotokak CZ2730 - Henry Christoffersen
Certification	Home Trade II - Western Arctic Great Slave Lake & Mackenzie River
Flag	Canadian

PRINCIPAL DIMENSIONS

Length O.A.	153'3"
Length at W.L.	145'6"
Breadth Moulded	52'1"
Depth Moulded	9'6"
Light Draft	3'6"
Loaded Draft	3'9"
Gross Tonnage	783
Net Tonnage	382
Accommodation	13 crew 5 Supernumeraries

NAVIGATION AND COMMUNICATION EQUIPMENT

- 1 – Gyrocompass
- 2 – Radars
- 3 – Searchlights
- 1 – Satellite Navigator (Hope only)
- 1 – Recording Echo Sounder
- 2 – Flashing Echo Sounders
- 1 – Mobile Telephone, Northwestel network
- 3 – VHF Radio Telephones
- 2 – HF Radio Telephones, single side band
- 1 – Marine Fax (Hope only)
- 1 – Watchkeeping Receiver
- 1 – E.P.I.R.B.
- 1 – Loudhailer
- 1 – Magnetic Compass

CAPACITIES

Fuel	313,000 litres/68,900 Imp. gallons
Lube Oil	4,450 litres/980 Imp. gallons
Fresh Water	5,850 litres/1,300 Imp. gallons
Oily Water Separator	Hope - Framarine Model CPS-3 Meets Marpol requirements Christoffersen - Turbulo TE2-5S

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 - Caterpillar 7261 2.89: 1 ahead - 424 shaft RPM max 3.18: 1 astern - 385 shaft RPM
Propellers	4 - Inboard turning 56" dia x 56" pitch (open)
Rudders	Eight
Auxiliary Generators	2 - Caterpillar 3306 c/w two Kato 440V, 3PH, 60 HZ, 115 KW each
Fuel Consumption Range	550 litres per hour 5,000 nautical miles
Speed	14 knots

DECK EQUIPMENT

Towing Winch	Burrard Iron Works Ltd. Model HD.S Drum capacity - 1500' of 1 1/2" SWR Line Pull - 16,000 lbs. at 140 FPM mid-drum
Anchor Windlass	Burrard Iron Works Ltd. Type D5 (Drum Type) Drum Capacity 90 FMS (520') of 1 1/8" SWR plus 15 FMS (90') of 1 1/8" chain
Anchor	2 - 1,000 lb. Danforth 1 - 300 lb. Danforth
Hook-up Winches	2 - 40 ton hydraulic 2 - 40 ton hand with 125' of 1 1/8" cable on each

