


REGISTRATION

Built 1984, British Columbia
 Owner NTCL
 Port of Registry Edmonton, Alberta
 Official Number 804411
 Flag Canadian

PRINCIPAL DIMENSIONS

Length Waterline 44.2m
 Clear Deck Area 167.3m²
 Deadweight 520 Tonnes
 Gross Tonnage 882
 Net Tonnage 263
 Crew 12 persons

PRINCIPAL CAPACITIES

Fuel 479.5m³
 Fresh Water 30.5m³
 Ballast Water 416.6m³
 Deck Loading 5.1T/m²

SPEED AND FUEL CONSUMPTION

Full Speed 15 knots @ 24.2 tonnes/day

ACCOMMODATION

Five single cabins, twelve double cabins, gallery, mess, lounge, sauna, a 2.44m x 2.66m survey room

NAVIGATION EQUIPMENT

2 Radars
 2 Echo Sounders
 1 Gyrocompass
 2 SSB Radios
 2 VHF Radios
 1 Autopilot
 1 Magnetic Compass
 1 Loran C
 1 Weather Facsimile
 1 Radio Direction Finder
 1 Depth Sounders
 1 Xenon Searchlight
 1 Incandescent Searchlight
 1 Satellite Navigator
 GMDSS

MACHINERY
Main Engines

Two B&W Alpha turbo-charged, non-reversing marine diesels developing total max. of 7200 BHP, driving twin 4-bladed controllable pitch propellers in nozzles.

Bollard Pull

80 tonnes approximately

Bow Thruster

One 370 BHP Marine Ind. bow thruster propelled by Caterpillar D3406 diesel

Stern Thruster

One 150 BHP tunnel type, hydraulic motor drive

Auxiliary Power

Two Caterpillar 3412 diesel alternators, capacity: 2 x 250 kW, 440V, 3 phase, 60Hz

DECK EQUIPMENT
Anchor-Handling and Towing Winch

One Burrard double drum combination anchor-handling and towing winch; line pull at stall, 150 tonnes; performance, 35 tonnes at 2.75m/min; drum capacity: 365m of 57mm wire rope; anchor-handling drum equipped with 365.8m of 57.2mm wire rope; towing drum equipped with 760m of 57.2mm wire rope

Towing Pins

One set of remotely controlled, hydraulic towing pins fitted

Anchor and Cable

Two 1.14 tonne anchors, 365.8m of 32mm studlink chain cable

Anchor Windlasses

Two Harrison & Robbins hydraulic vertical anchor windlasses; capacity 1.14 tonne anchor and 182.9m of 26.6mm studlink anchor chain at 10.7m/min.

Stern Roller

One 3.65m x 1.52m stern roller fitted

Power Capstans

Two Harrison & Robbins hydraulic capstans, each of 50.8cm diameter cast steel, fitted

Barge Winches

Two Harrison & Robbins winches; line pull: 15.2 tonnes each

Tugger Winch

Two remote controlled tugger winches, each with drum capacity of 61.0m at 22.2mm cable; linepull of 6.1 tonnes, fitted

Moonpools

Two moonpools of 0.53m diameter fitted

Crane

One Allied Marine crane; capacity 15.2 tonnes at min. radius, hoisting speed range; 29.6-44.2m/min

Fire Monitors

Two pump and monitor sets, each with capacities of 80.0m³/hr at 60m head, located on a funnel-top platform

Controls

Five Stations controlling the Independent rudder steering system

Pumps

One fuel oil transfer pump, capacity: 67.8m³/hr at 60m head; one bilge pump, capacity: 80.9m³/hr at 60m head; one fire and ballast pump; two domestic water pumps; one fuel oil day pump

Life Saving

4 – four-man life rafts; two pneumatic workboats; lifebuoys; life jackets; survival suits