

Special features of the Alouette Spirit, include retractable roof panels for weather sensitive cargo and bow ramp for ro-ro operations. This barge is capable of being ballasted and is a versatile unit serving customers in a range of commodities and cargo sectors.

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MAIN PARTICULARS

Length B.P.	435'	132.59 m
Breadth O.A.	74'	22.56 m
Moulded Depth	29' 6"	8.99 m
Light Draft (FW)	5'	1.524 m
Summer Draft (SW)	23.14'	7.05 m
Draft (Fresh Water)	23.66'	7.21 m
Gross Tonnage	10,087	
Net Tonnage	3,113	
Official Number	825966	
Classification	Transport Canada	
Notation	Barge	
Flag	Canada	

Year Built/Re-built 1969 / 2005

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CAPACITIES

Deadweight	14,675 LT
Water Ballast	Full ballast capabilities
Rate	800 mt/hr
Cargo Deck Area	21,805 ft ²
Deck Strength	1400 lbs/ft ²

DECK EQUIPMENT DETAILS

Bin Wall	18' Steel Bin Walls
Cargo Doors	1 Retractable Bow Door @ 18' x 14' 4 Side Doors @ 7' x 10' - Port Side 1 Side Door @ 4' x 40' - STBD Side
Sectional Roof Panels	5 Sections Covered with Coated Steel Cladding
Upper Roof Panel	66'-9" Overall Length
Lower Roof Panels	67'-1" Overall Length x4 2' Overlap between Sections

MACHINERY DETAILS

Bow Thrusters	500 hp
Mooring Winch	(4x) Pneumatic Winches
Compressor	Sulair 750DLQ
Windlass	(1x) Anchor Windlass
Generators	(1x) John Deere Model 4045 100 kw
Hyd. Power Packs	(2x) Cummins 434 kW (460 hp) Each
Ballast	(1x) Deepwell Cargo Pump (1x) 8" Submersible Pump

SPECIAL FEATURE

The barge Alouette Spirit and the tug Wilf Seymour are designed to be operating as an ATB unit. The coupling system is designed by Bludworth.