

ATLANTIC HURON



CANADA STEAMSHIP LINES



TECHNICAL SPECIFICATIONS

Vessel type	Self-Unloading Bulk Carrier
Deadweight (DWT)	36,920 tonnes
Built	1984, converted in 1989
Classification	+ 100 A1
Length Overall	224.50 meters
Breadth Moulded	23.12 meters
Total Hold Capacity (including hatches)	33,998 cubic meters
Gross Tonnage (GT)	23,054 tonnes
Net Tonnage (NT)	8,477 tonnes
Thrusters	Bow
Horsepower	BHP: 10943 KW: 8160
Length of boom	79.00 meters
Average Unloading Rates (mt/hr)	Ore: 5,500 Coal: 4,000

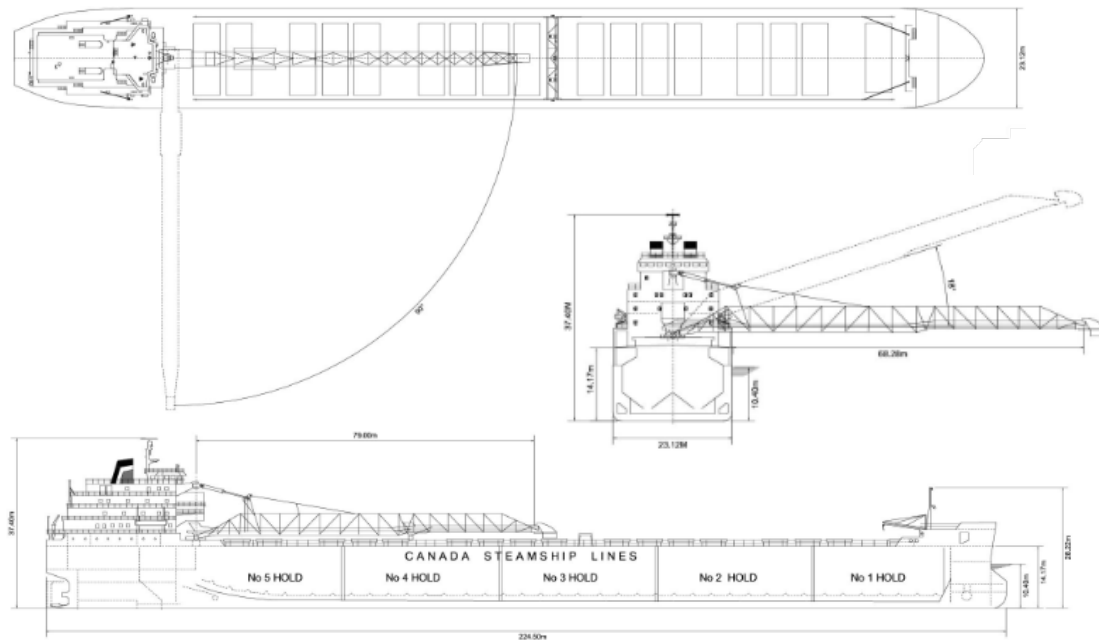
MV *Atlantic Huron* was built in 1984 and converted to a self-unloading vessel in 1989.

The unloading system features hopper shaped cargo holds, hydraulic cargo gates, two tunnel conveyors, a 'C' Loop elevating belt and a unloading boom.

The variable speed unloading system consists of hoppers with 35-degree slopes and hydraulically operated gates. Two tunnel conveyors run the length of the vessel and feed two cross conveyors that run athwartship. A single loop belt elevating system that raises the material to the main deck and onto the vessel's 79 m unloading boom. The boom hood allows for dust free discharges.

ATLANTIC HURON

SELF-UNLOADER



DRAFT AND DEADWEIGHT

MARK (IN FW)	DRAFT		DEADWEIGHT	
	Meters	Feet	Tonnes	LT
Tropical	9.66	31' 8-18"	36,183	35,612
Summer	9.46	31' 3/8"	35,214	34,658
Winter	9.26	30' 4-5/8"	34,247	33,706
Seaway	8.08	26' 6"	28,487	28,037

HOLD CAPACITIES

COMPARTEMENT	Cubic Meters	Cubic Feet
Hold # 1	6,277	221,670.37
Hold # 2	7,732	273,053.26
Hold # 3	7,684	271,358.15
Hold # 4	7,732	273,053.26
Hold # 5	6,539	230,922.82
Net Hold Capacity	35,964	1,270,057.87

PRINCIPAL DIMENSIONS

DESCRIPTION	Meters	Feet
Length Overall	224.5	736' 6"
Length B.P.	217.82	714' 7"
Breadth	23.12	75' 10"
Depth	14.12	46' 4"

TPC AND TPI (AT SEAWAY DRAFT)

TPC (t/cm)	46.6
TPI (t/in)	118.4

HATCH DIMENSIONS

LENGTH		WIDTH	
Meters	Feet	Meters	Feet
5.79	18' 11"	15.68	51' 5"