

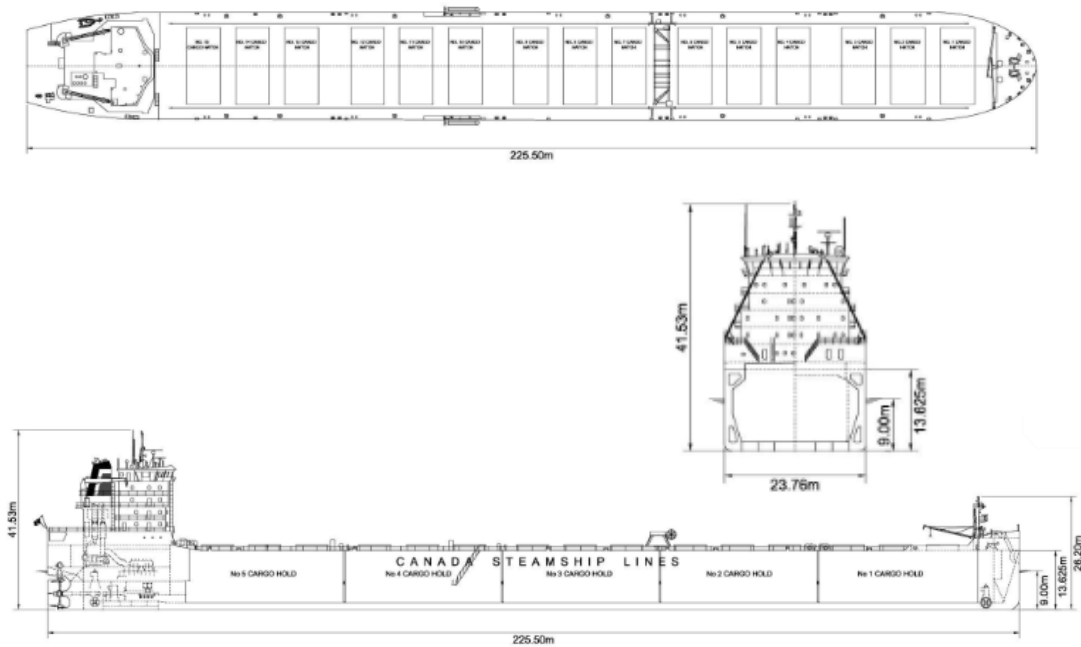


## TECHNICAL SPECIFICATIONS

Vessel type	Great Lakes Bulk Carrier
Deadweight (DWT)	36,364 tonnes
Built	2014
Classification	+ 100 A1
Length Overall	225.50 meters
Breadth Moulded	23.76 meters
Total Hold Capacity (including hatches)	44,340 cubic meters
Gross Tonnage (GT)	22,597 tonnes
Net Tonnage (NT)	10,374 tonnes
Thrusters	Bow and Stern
Horsepower	BHP: 11,897   kW: 8,750

MV *CSL Welland* is Canada Steamship Lines' first of two new Trillium Class bulk carrier.

Like all Trillium Class vessels, *CSL Welland* features the latest engine technology and hull design to increase fuel efficiency and decrease air emissions, double hulls to prevent spills in the event of an accident as well as state-of-the-art cargo handling systems to minimize dust and cargo residue.



## DRAFT AND DEADWEIGHT

MARK (IN FW)	DRAFT		DEADWEIGHT	
	Meters	Feet	Tonnes	LT
Summer	9.00	29' 6"	36,416.5	35,841.4
Midsummer	9.225	30' 3"	37,526.1	36,933.4
Intermediate	8.897	29' 2"	35,831.7	35,265.8
Winter	8.795	28' 10"	35,305	34,747.4
Seaway	8.08	26' 6"	31,568	31,069.7

## HOLD CAPACITIES

COMPARTEMENT	Cubic Meters	Cubic Feet
Hold # 1	9,084.19	320,805.44
Hold # 2	9,218.73	325,556.68
Hold # 3	9,218.73	325,556.68
Hold # 4	9,213.73	325,380.11
Hold # 5	8,809.63	311,109.44
Net Hold Capacity	45,550.01	1,608,584.94

## PRINCIPAL DIMENSIONS

DESCRIPTION	Meters	Feet
Length Overall	225.5	739' 10"
Length B.P.	222.60	730' 3"
Breadth	23.8	77' 10"
Depth	13.6	44' 8"

## TPC AND TPI (AT SEAWAY DRAFT)

TPC (t/cm)	51.5
TPI (t/in)	132.9

## HATCH DIMENSIONS

LENGTH		WIDTH	
Meters	Feet	Meters	Feet
7.320	24' 01"	17.03	55' 87"