

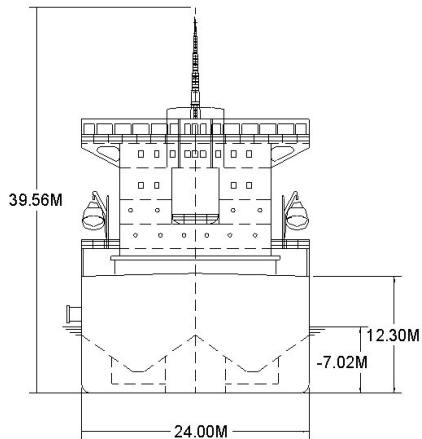
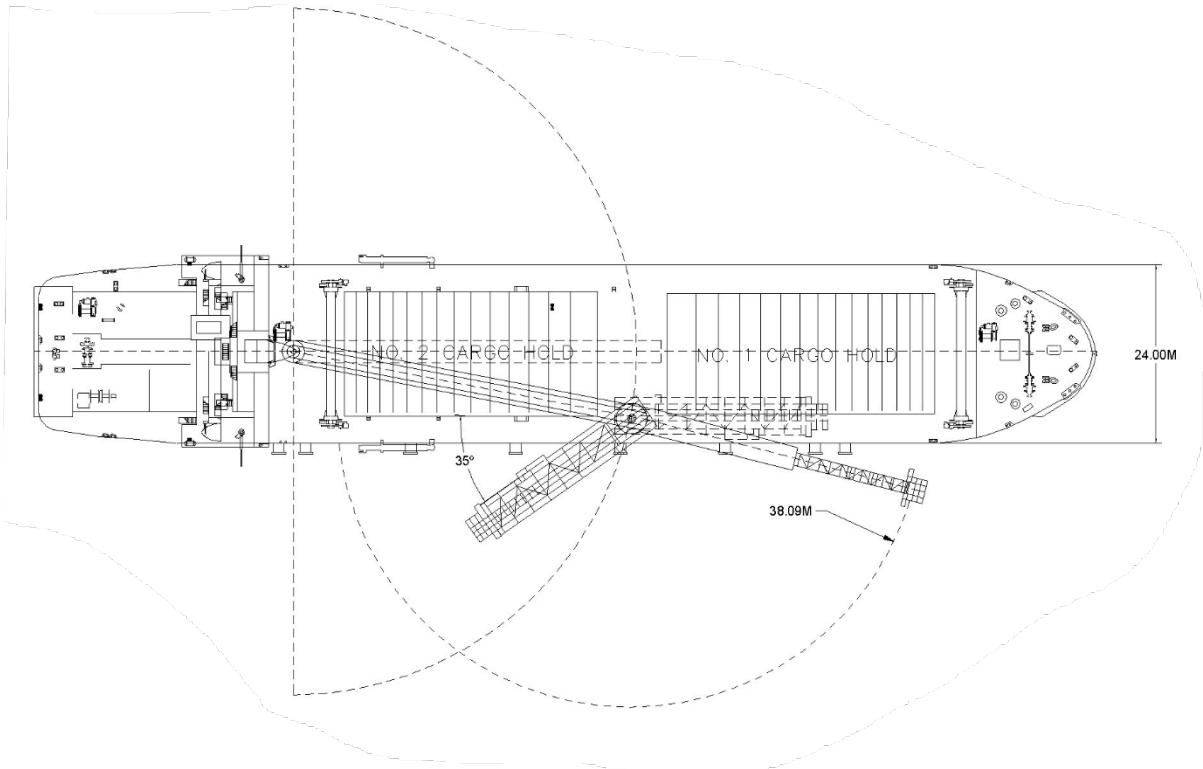


TECHNICAL SPECIFICATIONS

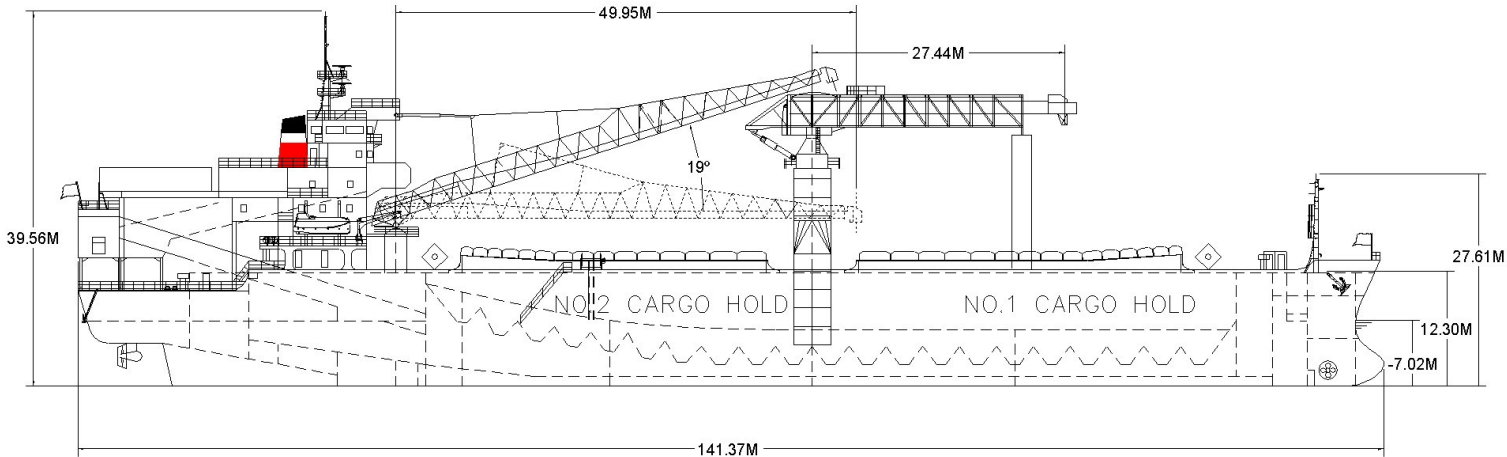
Built	1987 (converted to a transshipment shuttle vessel in 2012)
Classification	LR 100A1, strengthened for heavy cargoes, *IWS, LMC, Self-unloading Bulk Cargo Carrier, LI
Length Overall	141.40 metres
Breadth Moulded	24.00 metres
Depth Moulded	12.30 metres
Total Hold Capacity	18,158 cubic metres
Deadweight – Summer	12,740.40 tonnes
Draft	7.02 metres
Gross Tonnage	11,673 tonnes
Net Tonnage	4,456 tonnes
Bow Thruster	670 kW
Length of Boom	Inner Boom: 50.00 metres
Discharge Rate (maximum)	4,200 tonnes/hour (with ship loader) 1,500 tonnes/hour (with 50 metres boom)

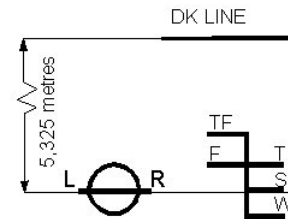
MV *Whyalla* is a transshipment shuttle vessel designed for unloading ore into vessels up to cape size.

The vessel is highly maneuverable and fitted with a bow thruster and 2 x Kawasaki Rexpeller Azimuth drives.



ASSIGNED DRAFTS			
Season	Draft (metres)	Displ. (tonnes)	DWT (tonnes)
TF	7.31	18,741	13,175
F	7.16	18,300	12,734
T	7.16	18,757	13,192
S	7.02	18,306	12,740
W	6.87	17,855	12,290





DEADWEIGHT SCALE - CSL WHYALLA									
DRAFT				DISPLACEMENT	TPC (tonnes)	DEADWEIGHT (tonnes)	DRAFT		
Sea Water		Fresh Water					Sea Water		
(metres)	(feet)	(metres)	(feet)				(metres)	(feet)	
7	24	7	24	20,000	31	14,000	24	7	
				19,000		13,000			
	22		22	18,000		12,000	22		
				17,000		11,000			
6	20	6	20	16,000	30	10,000	20	6	
				15,000		9,000			
	18		18	14,000		8,000	18		
				13,000		7,000			
5	16	5	16	12,000	29	6,000	16	5	
				11,000		5,000			
	14		14	10,000		4,000	14		
				9,000		3,000			
4	12	4	12	8,000	28	2,000	12	4	
				7,000		1,000			
	10		10	6,000		0,00	10		
				5,000		-1,000			
3	8	3	8	4,000	27	-2,000	8	3	
	6		6				6		

LIGHTSHIP 5566.0 t

HATCH AND HOLD SPECIFICATIONS						
HOLD VOLUMES (CUBIC METRES)						
HOLD NUMBER	1	2				TOTAL
Cubic Volume (Bale)	9,427.00	7,339.50				16,766.50
Cubic Volume (Grain)	10,141.70	8,016.50				18,158.20
HOLD OPENINGS IN METRES						
NUMBER OF OPENINGS	1	1				
Opening Length	38.20	36.00				
Opening Width	17.00	17.00				
Coaming Height Above Keel	14.00	14.00				
HATCH INFORMATION (METRES)						
DESCRIPTION	End Rolling Panels					
Operation	Electric/Hydraulic					
Hatch Length	39.00	36.80				
Hatch Width	18.00	18.00				
Hatch Top Height Above Keel (When Hatch Cover Open)	14.45	14.45				

CARGO HANDLING EQUIPMENT
2 Hold Conveyors with Feeder Gates
2 Transfer Conveyors
Forwarding Conveyor
Inner Boom
Telescopic Ship Loader
Dust Suppression: Water spray at transfer points
Ship loader is fitted with a telescopic spout
Inner Boom Luffing: Horizontal to +20 deg.
Inner Boom Slewing: 90 degrees to port and starboard.
Ship Loader Luffing: Horizontal to -20 deg.
Ship Loader Slewing: Parked position to 145 degrees starboard

CONSUMPTION (TONNES PER DAY)					
	SPEED		MAIN ENGINE HFO		A/E
	Loaded	Ballast	Loaded	Ballast	HFO
Sea	9.00	9.50	14.00	14.00	0.00
Port/ Anchorage			N/A	N/A	1.00
Loading/ Discharge			N/A	N/A	1.00/4.50

All specifications are given in good faith but without guarantee.