



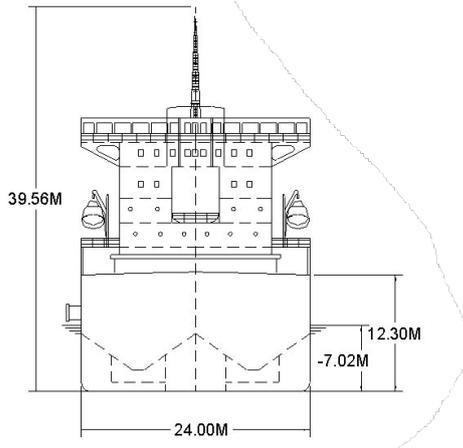
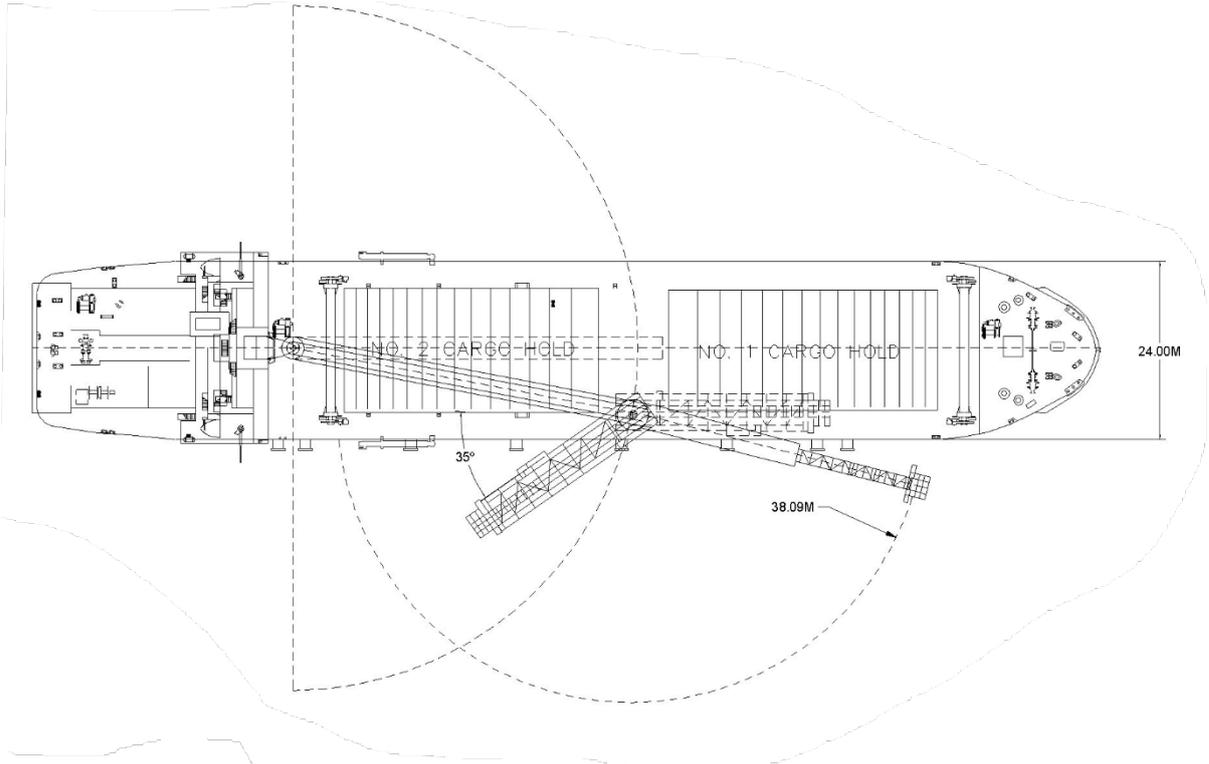
TECHNICAL SPECIFICATIONS

Built	1987 (converted to a transhipment shuttle vessel in 2012)
Classification	LR 100A1, strengthened for heavy cargoes, *IWS, LMC, Self-unloading Bulk Cargo Carrier, LI
Length overall (m)	141.40
Breadth Moulded (m)	24.00
Depth Moulded (m)	12.30
Total Hold Capacity (m ³)	18,158
Deadweight (t)	12,740
Draft (m)	7.02
Gross Tonnage	11,673
Net Tonnage	4,456
Bow Thruster (kW)	670
Length of Boom	Inner Boom: 50.00
Discharge Rate (max tph)	4,200 (with ship loader) 1,500 (with 50 m boom)

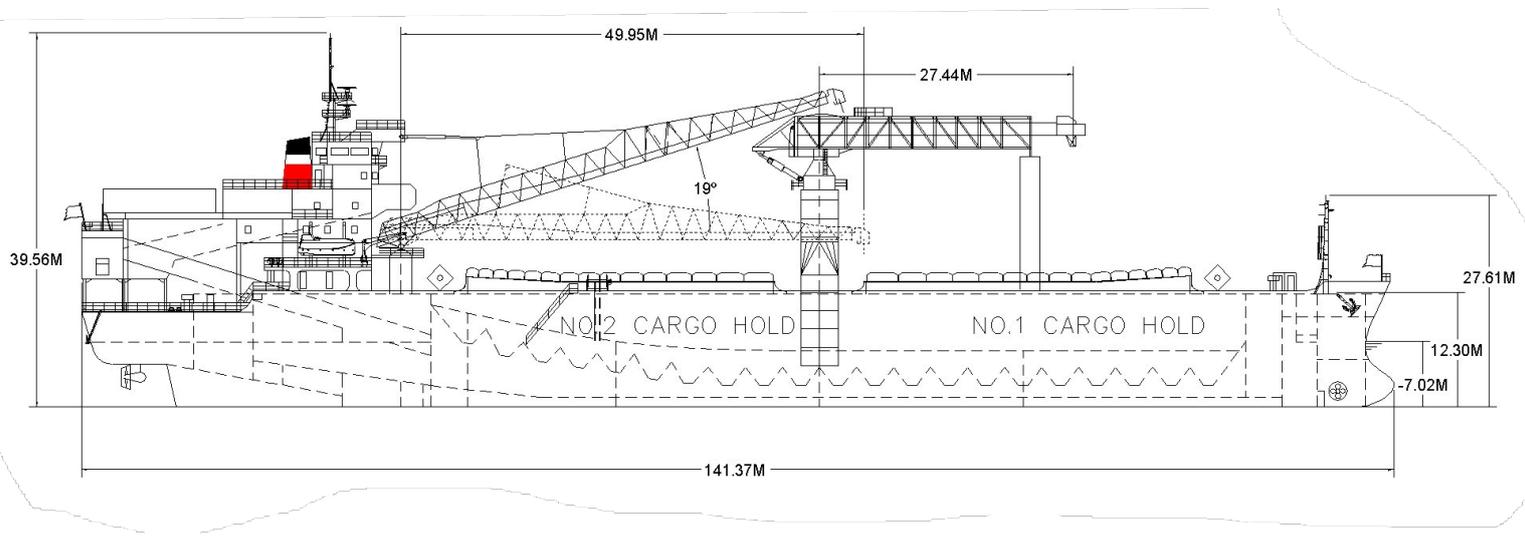
Whyalla is a transhipment shuttle vessel designed for unloading ore into vessels up to cape size.

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

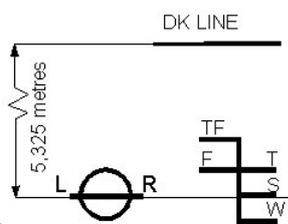
WHYALLA



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



TRANSHIPMENT SHUTTLE VESSEL



DEADWEIGHT SCALE - CSL WHYALLA									
DRAFT				DISPLACEMENT	TPC (tonnes)	DEADWEIGHT (tonnes)	DRAFT		
Sea Water		Fresh Water					Sea Water		
(metres)	(feet)	(metres)	(feet)				(metres)	(feet)	
	24		24	20,000		14,000	24		
				19,000		13,000			
7		7		18,000	31	12,000	22		7
	22		22	17,000		11,000			
				16,000		10,000	20		
6		6	20	15,000	30	9,000			6
	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	28	4,000	14		
4		4		9,000	27	3,000			4
	12		12	8,000		2,000	12		
				7,000		1,000			
3	10	3	10	6,000	25	0,00	10		3
				5,000		-1,000	8		
	8		8	4,000	24	-2,000			
2		2							2
	6		6				6		

LIGHTSHIP 5566.0 t

HATCH AND HOLD SPECIFICATIONS

HOLD VOLUMES (CUBIC METRES)

HOLD NUMBER	1	2				TOTAL
Cubic (Bale)	9,427.00	7,339.50				16,766.50
Cubic (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	Electr/Hydr				
Hatch Length	39.00	36.80			
Hatch Width	18.00	18.00			
Hatch Top Height Above Keel	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 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	9.0	9.5	14.0	14.0	0.0
Port/ Anchorage			N/A	N/A	1.0
Loading/ Discharge			N/A	N/A	1.0/4.5

All specifications given in good faith but without guarantee.