

Built	.....	TK
Classification	.....	LR +100 A1
Length Overall	.....	192.27 metres
Breadth Moulded	.....	32.26 metres
Depth Moulded	.....	15.70 metres
Total Hold Capacity (including hatches)	.....	37,418.50 cubic metres
Deadweight	.....	TK tonnes
Draft	.....	TK metres
Gross Tonnage	.....	28,564.0
Net Tonnage	.....	9,541.0
Bow Thruster	.....	1300 kW
Length of Boom	.....	78.0 metres
Discharge Rate	-Coal	TK tonnes/hr
	-Ore	5,385 tonnes/hr

Air Drafts

(metres)

Draft Condition	Stem	Foremast	Forward	Hatches Midship	Aft	Cargo Gear	Main Mast Deployed	Main Mast Lowered	Funnel	Stem	Other Obstruction	Maximum
Keel	18.50	32.00	18.00	18.00	18.00	TK	45.40	TK	38.0	17.00	TK	TK
Light Ship	18.03	31.53	17.50	15.40	14.28	TK	40.60	TK	33.2	12.20	TK	TK
Normal Ballast 50% Bunker	12.63	26.13	12.13	11.09	10.57	TK	37.45	TK	30.0	9.05	TK	TK
Fully Loaded 50% Bunker	7.98	21.48	7.52	7.48	7.48	TK	34.48	TK	27.4	6.48	TK	TK

Hatch and Hold Specifications

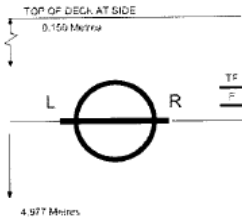
Hold Number	1	2	3	4	5	6	7	TOTAL
Hold Volumes (cubic metres)								
Cubic	6,844.5	7,300.5	8,405.8	7,319.6	6,483.5			36,353.9
Maximum Grain	7,047.3	7,503.3	8,633.9	7,522.4	6,711.6			37,418.5
Grain in way of Hatch	202.8	202.8	228.1	202.8	228.1			1,064.6
Hold Openings (metres)								
Number of Openings	1	1	1	1	1			5
Opening Length	12.80	12.80	14.40	12.80	14.40			
Opening Width	14.40	14.40	14.40	14.40	14.40			
Coaming Height above Keel	18.00	18.00	18.00	18.00	18.00			
Hatch Information (metres)								
Description	Steel Side rolling Hydraulic	Steel Side rolling Hydraulic	Steel Side rolling Hydraulic	Steel Side rolling Hydraulic	Steel Side rolling Hydraulic			
Operation	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic			
Hatch Length	12.80	12.80	14.40	12.80	14.40			
Hatch Width	14.40	14.40	14.40	14.40	14.40			
Hatch Top Height above Keel	18.00	18.00	18.00	18.00	18.00			

Cargo Handling Equipment

- Conveyor belt self-unloading system
- Dust suppression: Sprinkler
- Unloader Boom Length: 78.00 metres
- Discharge rate - Coal: TK tonnes/hr
- Ore: 5,385 tonnes/hr
- Maximum outreach of boom: TK metres

Consumption (tonnes per day)

	Speed		Main Engine	Generators
	Loaded	Ballast	IFO	MDO
Sea	10.5 knots	11.2 knots	32	1.5
Port/Anchorage			5	4.7
Loading Discharge			4.5	6.2



ASSIGNED DRAFTS			
Season	Draft (metre)	Displ. (tonnes)	DWT (tonnes)
TF	10.23	60,915	50,050
F	11.01	59,569	48,704
T	19.99	59,467	48,602
S	10.77	58,122	47,257
W	10.54	56,812	45,947

Light Ship
10,855 tonnes

DEADWEIGHT SCALE									
DRAFT				DISPLACEMENT (tonnes)	TPC (tonnes)	DEADWEIGHT (tonnes)	DRAFT		
Sea Water		Fresh Water					Sea Water		
(metre)	(feet)	(metre)	(feet)				(feet)	(metre)	
		11	36						
	34		34		60		34		10
10	32	10	32	50,000		40,000	32		
	30		30				30		9
9	28	9	28				28		
	26		26	40,000		30,000	26		8
8	24	8	24		58		24		
	22		22				22		7
7	20	7	20	30,000		20,000	20		6
	18		18		56		18		
6	16	6	16				16		5
	14		14	20,000	54	10,000	14		
5	12		12				12		4
	10		10		52		10		3
4	8	4	8				8		
					50				