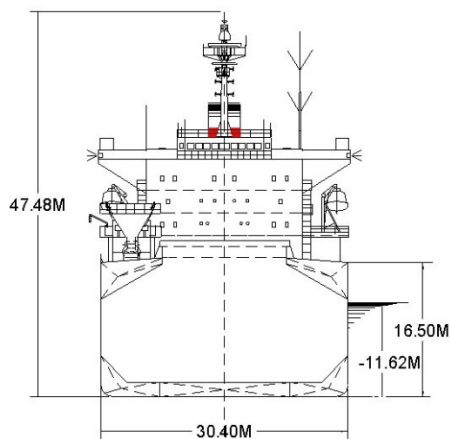
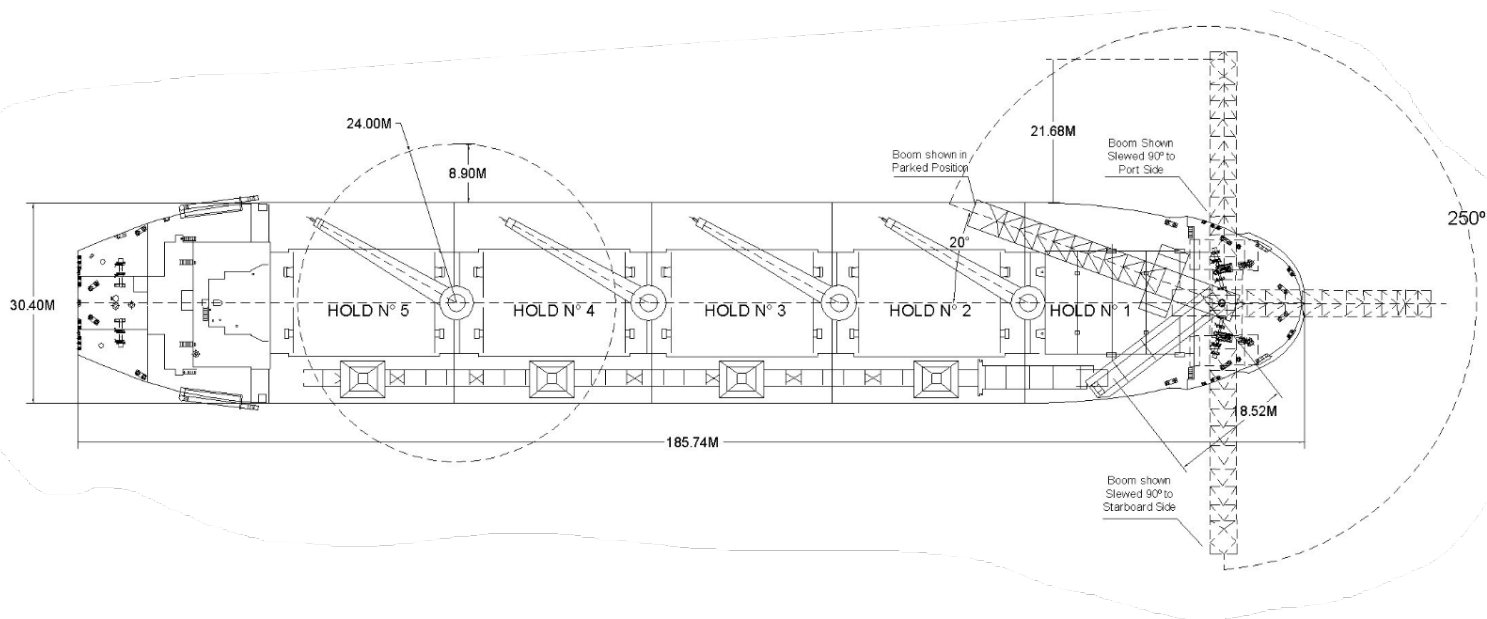


**TECHNICAL SPECIFICATIONS**

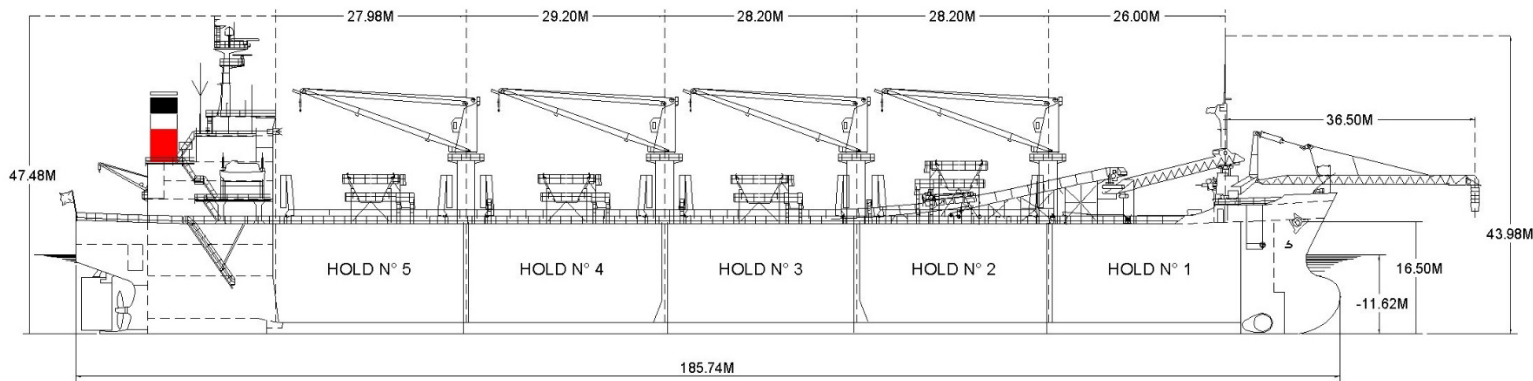
Built	1999 (converted to hybrid self-unloader in 2011)
Classification	LR 100 A1 Bulk Carrier, ESP, L1, LMC, UMS
Length Overall	185.74 metres
Breadth Moulded	30.40 metres
Depth Moulded	16.50 metres
Total Hold Capacity	57,208.40 cubic metres
Deadweight – Summer	45,155.20 tonnes
Draft	11.60 metres
Gross Tonnage	26,047 tonnes
Net Tonnage	14,969 tonnes
Bow Thruster	1,600 kW
Length of Boom	36.50 metres
Discharge Rate (maximum)	1,200 tonnes/hour

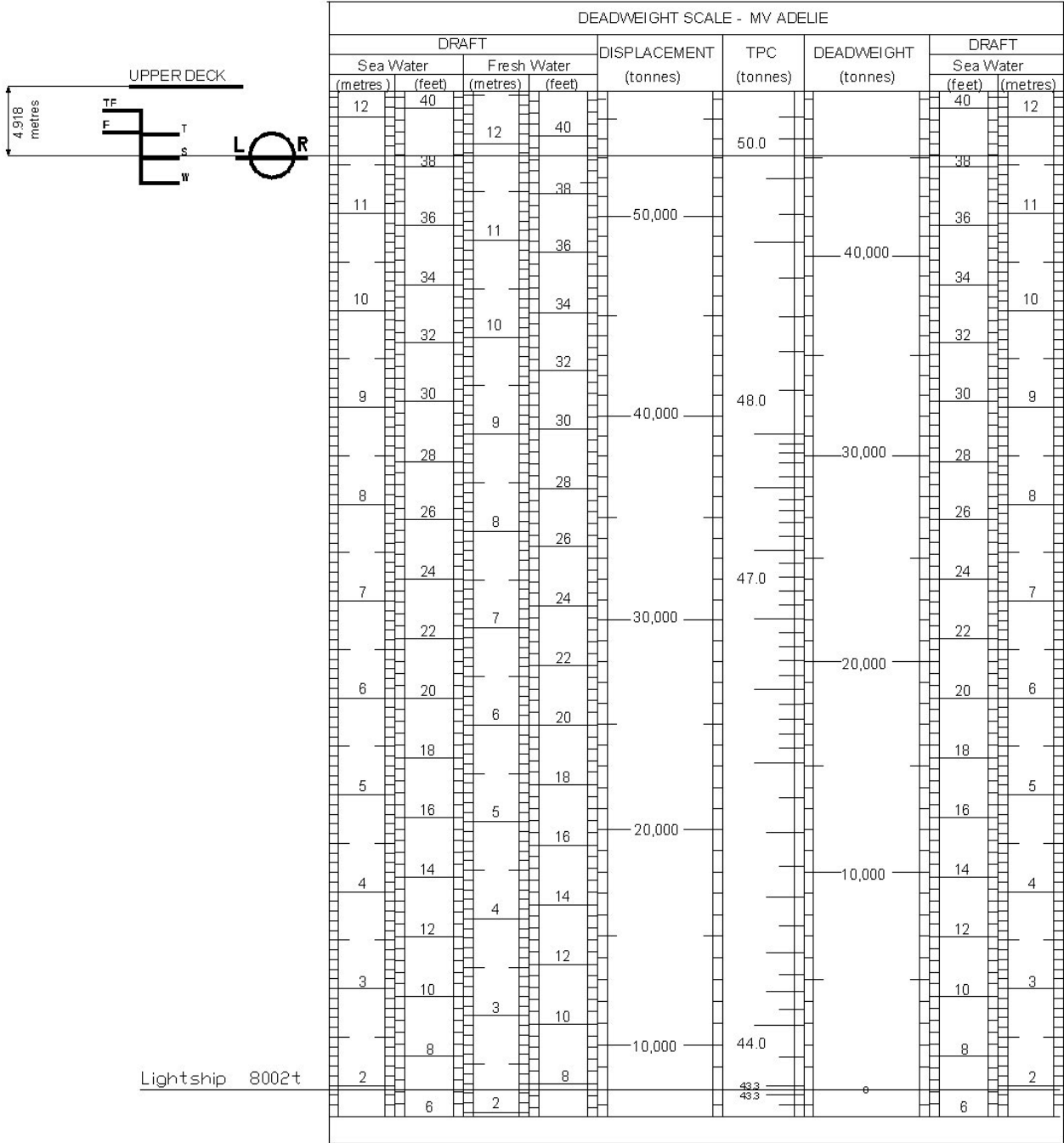
MV *Adelle* is a hybrid self-unloading bulk carrier. The vessel carries primarily, gypsum, mineral sands, dolomite, sugar, salt and coal.

MV *Adelle* was converted from a bulk carrier to a hybrid self-unloader in 2011. The vessel discharges using four cranes into four deck hoppers. A longitudinal conveyor runs under the deck hoppers to an unloading boom at the forward end of the vessel. The 36.5 metres boom can be positioned for discharge into a shore hopper, truck hopper, or directly to ground.



ASSIGNED DRAFT			
Season	Draft (metre)	Displ (tonnes)	DWT (tonnes)
TF	12.11	55,673	47,671
F	11.87	54,459	46,457
T	11.84	54,339	46,337
S	11.60	53,129	45,127
W	11.36	51,925	43,923





HATCH AND HOLD SPECIFICATIONS

HOLD VOLUMES (CUBIC METRES)

HOLD NUMBER	1	2	3	4	5	TOTAL
Cubic Volume (Grain)	10,361.60	12,199.40	11,731.10	12,193.60	10,722.50	57,208.20
Cubic Volume (Bale)	10,015.10	11,844.60	11,392.00	11,814.00	10,499.20	55,564.90

HOLD OPENINGS (METRES)

NUMBER OF OPENINGS	1	1	1	1	1
Opening Length	20.00	20.80	20.80	20.80	20.80
Opening Width	15.30	15.30	15.30	15.30	15.30
Coaming Height Above Keel	18.03	18.03	18.03	18.03	18.03

HATCH INFORMATION (METRES)

DESCRIPTION	End Folding Panels				
Operation	Electric/Hydraulic				
Hatch Length	20.44	21.11	21.11	21.11	21.11
Hatch Width	15.61	16.15	16.15	16.15	16.15
Hatch Top Height Above Keel (When Hatch Cover Open)	18.70	18.70	18.70	18.70	18.70

CARGO HANDLING EQUIPMENT

Dust Suppression: Bag house dust collectors fitted on hoppers, conveyors transfers and discharge boom

4 x 30t Electrohydraulic Cranes

4 x 12 m³ Grabs and 2 x 16 m³ Grabs

4 x 100 m³ Deck Hoppers

4 x 1,400 mm Belt Feeders

1 x 1,400 mm Longitudinal Deck Conveyor

All conveyors are covered

1 x 1,400 mm Transfer Conveyor

1 x 36.50 m Discharge Boom

Boom Slewing: 170 degrees to port, 125 degrees to starboard.

Boom Luffing: Horizontal to +18 degrees

A 7.50 m discharging chute is fitted on the discharge boom

Discharge Rate: 1,200 tonnes/hour

CONSUMPTION (TONNES PER DAY)

	SPEED		MAIN ENGINE HFO		A/E
	Loaded	Ballast	Loaded	Ballast	HFO
Sea	13.50	14.00	25.00	22.00	0.00
Port/ Anchorage			N/A	N/A	3.40
Loading/ Discharge			N/A	N/A	3.40/3.50

All specifications are given in good faith but without guarantee.