

M.V. Arklow Muse



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Yard Daesun Shipbuilding and Engineering Co. Korea
 Year of Build 2013
 Class Bureau Veritas
 Class Notation I + AUT- UMS, MON-SHAFT ,IWS (strengthened for heavy cargo)
 Class No. 15277H
 Official No. 404743
 IMO No. 9509487
 MMSI No. 250002821



Principal Particulars

Length OA	136.47 m
Length BP	128.50 m
Breadth Mid	21.00 m
Breadth Ext	21.30 m
Depth Mid	11.40 m
Summer Load Draft	8.881 m
At max. ballast draft of	6.50 m
Min. airdraft	29.1 m
min. coaming ht above waterline	9.2 m
GT	9,758 t
NT	5,240 t
Total Deadweight	14,990 t
Ballast	5,480t
Fuel	626m ³
Diesel	143m ³
Fresh Water	136m ³

Hold Capacities

No. 1 hold	3132
No. 2 hold	5762
No. 3 hold	5628
No. 4 hold	3587
Total	18110

Grain & Bale

	m ³	ft ³
No. 1 hold	3132	110600
No. 2 hold	5762	203480
No. 3 hold	5628	198742
No. 4 hold	3587	126668
Total	18110	639490

Hatches:-

Weather tight folding type	
Maximum loading on hatches	1.8mt/m ²
Maximum loading on tank top	20mt/m ²

Mechanical ventilation

– 6 changes per hour in empty holds.

Main Engine:

MaK 6M 43 C, 5,400kW, Jake reduction gear and Rolls Royce controllable pitch Propeller

Auxiliaries:

2 x Yanmar	438kW
1 x STX	100kW

Generators:

2 x Taiyo Electric	350kW
1 x Taiyo Electric	100kW
1 shaft alternator	1000kW

Speed:-

Abt. 13 knots

Consumption:-

Abt. 17t IFO 380 per 24 hours at sea
 Abt. 1t MDO per 24 hours in port

Equipment

GMDSS (A3, FB500), echo sounder, 2 radars, gyro & magnetic compass, AP, VDR Navtex, 2 x GPS, AIS, LRIT ECDIS, 1 x 750kW bowthruster. Ballast Water Treatment Plant

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