

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 Mld 21.00 m
 Breadth Ext 21.30 m
 Depth Mld 11.40 m
 Summer Load Draft 8.881 m
 At max. ballast draft of 6.50 m
 Min. air draft 29.1 m
 min. coaming ht above waterline 9.2 m
 GT 9,758 t
 NT 5,240 t
 Displacement 19,700 t
 Total Deadweight 14,990 t
 Ballast 5,480t
 Fuel 626m³
 Diesel 143m³
 Fresh Water 136m³

Hold Capacities

| | 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 |

Grain & Bale

Hatches:-

Weather tight folding type
 Maximum loading on hatches 1.8mt/m²
 Maximum loading on tank top 20mt/m²

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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