

M.V. Arklow Sand

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Yard Barkmeijer Stroobos, Holland
 Year of Build 1998
 Class Bureau Veritas
 Class Notation I 3/3 E {Cargoship/Deepsea/Heavy
 Cargo; BRG; {AUT MS {MACH
 39 A836
 Class No. 19109 ZR 1998
 Official No. 19109 ZR 1998



Principal Particulars

Length OA 89.98m
 Length BP 84.98m
 Breadth Mid 12.50m
 Breadth Ext 12.64m
 Depth Mid 6.00m
 Summer Load Draft 4.652m
 Min. airdraft is 19.80m
 at max. ballast draft of 3.60m
 min. coaming ht above waterline 4.90m
 GT 2316
 NT 1295
 Displacement 4351.0t
 Total Deadweight 3211.0t
 Ballast 1586.3m³
 Fuel 92.5m³
 Fresh Water 56.2m³
 Lub Oil 3.56m³

Hold Capacity:
 Grain & Bale 166765 ft³/4723 m³
 Portable bulkheads (2) may be placed in
 6 positions for cargo separation
(TEU): 8'0" high 8'6" high
 Total 154 116
 Hatch 40 (15t) 40 (15t)
 Hold 114 (15t) 76 (24t)
 (max. homogeneous weight of containers)
Hatches: Roden Staal pontoon system
 Maximum hatch top loading 1.6t/m²
 Maximum tank top loading 14.0t/m²
 Bottom strengthened for loading aground
 Tank top strengthened for heavy cargoes
 Engine room bulkhead A60 insulated
 CO₂ fire extinguishing system in hold

Main Engine:
 MaK 8M20 1360kW with Lohmann &
 Stolterfoht 4:1 reverse reduction gear
Auxiliaries:
 2x Valmet 620DSG 110kW
 1x Valmet 320DSG, 42kW
Generators:
 2 x Stamford UCM274 E23 112kVA 50Hz
 1 x Stamford UCM224 E 47.5kVA 50Hz
Speed: 11 knots
Consumption:
 At Sea 5.0 t Gas Oil per day
 In Port 0.5t Gas Oil per day
Equipment:
 1x 200kW bow thrusters, GMDSS (A3),
 2x radars, 2x GPS receivers, chart plotter,
 gyro/magnetic compasses, A/P, echo-
 sounder, speed/distance log, navtex

E.&O.E.

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