

# M.V. Arklow Vanguard



Port of Registry	Rotterdam, The Netherlands	Yard	Royal Bodewes Shipyard
Call Sign	PDAY	Year of Build	2017
IMO No.	9772577	Class	Bureau Veritas
MMSI No	244050844	Class	Class 1, Hull, Mach,
		Notation	AUT-UMS, IWS, Strength bottom, Heavy Cargo, General Cargo
Inmarsat-C (telex)	424401630 424401631	Class No.	28803K
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VSAT phone	+31 856661261		



## Principal Particulars

Length OA	84.9m
Length BP/ Load line	84.98/84.98m
Breadth	15.00m
Depth	7.17m
Summer Load Draft (m)	6.35m
Min. airdraft is	18.25m
at max. summer draft of	6.35m
Min. coaming ht above WL	3.39m
GT	2999t
NT	1731t
Total Deadweight	5170t
Ballast	1870m <sup>3</sup>
Fuel – HFO	109m <sup>3</sup>
Fuel – GO	95m <sup>3</sup>
Fresh Water	32m <sup>3</sup>
Lub Oil	11m <sup>3</sup>

<b>Hold Capacities</b>	Grain & Bale	
	m <sup>3</sup>	ft <sup>3</sup>
hold	6.258	221.000
Portable bulkhead may be placed in 8 positions for cargo separation and storage position		

<b>Hatches:</b> Coops & Nieborg pontoon system	
Maximum hatch top loading	1.75t/m <sup>2</sup>
Maximum tank top loading	15mt/m <sup>2</sup>

Bottom strengthened for loading aground  
Tank top strengthened for heavy cargoes

CO<sub>2</sub> fire extinguishing system in hold  
Engine room fitted with CO<sub>2</sub> and LAFF  
Certified for the carriage of dangerous goods of IMO Class 1.4, 2.1, 2.2, 2.3, 3, 4.1, 4.2, 5.1, 6.1, 8 and 9

### Main Engine:

MaK 6M25 1740 kW with Siemens Gearbox  
And CAT propulsion controllable pitch propeller

### Auxiliaries:

2 x SiSU Diesel 154kW 1500 rpm

### Generators:

2 x Aux generator 154kW

1 x Emergency Generator 66kW

1 x shaft alternator 348kW

**Speed:** abt. 12.5 knots

### Consumption:

In port – abt. 0,5 t Gas Oil per day

At sea – abt. 7 t HFO per day

### Equipment

GMDSS (A3), 2x radars, navtex,

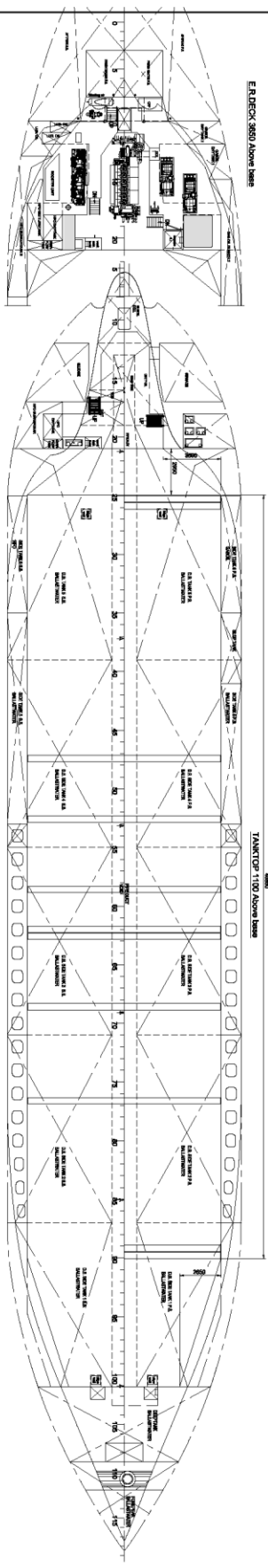
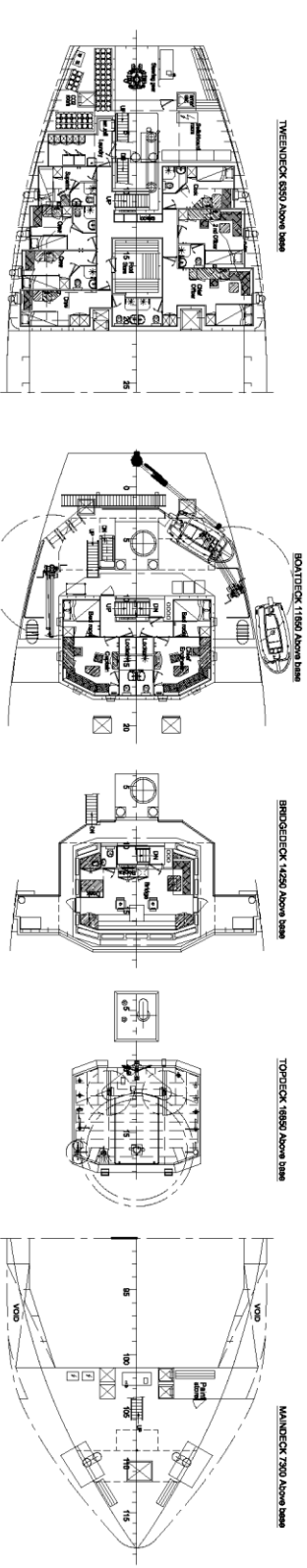
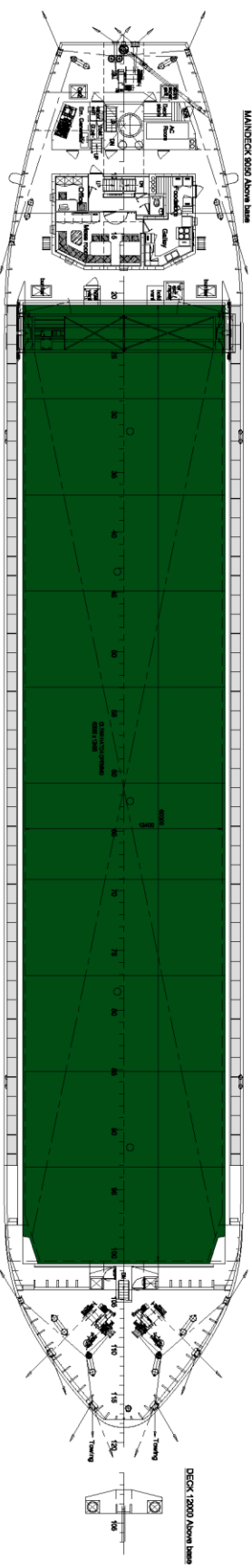
Echo sounder, speed/distance log

2x GPS receivers, A/P, ECDIS,

gyro/magnetic compasses,

1x electric bowthruuster 300 kW

# M.V. ARKLOW VANGUARD



**MAIN PARTICULARS**

Length over all	86.83 m
Length between perpendiculars	64.80 m
Length incl. bowsprit	64.80 m
Length incl. stern	71.15 m
Draft	7.15 m
Design draught	del. 8.35 m
Displacement	del. 5100 t/m
* Hold capacity	221 000 cdt
Tanktop area	696 m <sup>2</sup>
Tonnage (incl. crew/185)	2999 GT
Tank capacities - H <sub>2</sub> O	del. 109 m <sup>3</sup>
Oil	del. 56 m <sup>3</sup>
Gas	del. 1870 m <sup>3</sup>
Main Engine - Main Engine	1740 kW
Twin Screw	del. 12.8 kts
* - Consumption in 0180	

**BODEWES**

General Arrangement 5100 DWT

21-08-2016

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