

M.V. Arklow Brook

Port of Registry	Rotterdam, The Netherlands	Yard	Bodewes Shipyards B.V.
Call Sign	PBGQ	Year of Build	2011
IMO No.	9433377	Class	Bureau Veritas
MMSI No	244666000	Class Notation	+100A1 + LMC + UMS Ship Right (SCM) Ice Class Swedish/Finish 1A
Inmarsat-C (telex)	+(581) 42466610 +(581) 42466611		
Email	brook@arklowships.nl	Class No.	9433377
GSM telephone (Dutch)	+31 6 55 817 039	Official No.	22964 Z 2011



Principal Particulars

Length OA	116.08m
Length BP	109.78m
Breadth Mld	15.80m
Depth Mld	7.65m
Summer Load Draft	6.40m
Ice Draft	5.70m
Min. airdraft is	21.30m
at max. ballast draft of	5.25m
Min. coaming ht above WL	4.80m
GT	4723t
NT	2724t
Total Deadweight	7575t
Ballast	3120 ³
Fuel – HFO	343m ³
Fuel – GO	51m ³
Fresh Water	58m ³
Lub Oil	12m ³

Hold Capacities	Grain & Bale
	m³ ft³
No. 1 hold	4205.9 148.523
No. 2 hold	5267.2 186.001
Total	9473.1 334.524
Portable bulkhead may be placed in	
8 positions for cargo separation	
Both cargo holds fitted with de-humidifier.	
Containers:	TEU
Hold	177
Deck	88
Hatches: Coops & Nieborg pontoon system	
Maximum hatch top loading	1.5t/m ²
Maximum tank top loading	15mt/m ²
Tank top strengthened for heavy cargoes	
CO ₂ fire extinguishing system in hold	
Engine room fitted with CO ₂ and LAFF	
Certified for the carriage of dangerous goods of IMO Class 4.1, 4.2, 4.3, 5.1 and 5.2 (packaged).	

Main Engine:
MaK 6M32C 2999kW with Renk Gearbox and Berg controllable pitch propeller
Auxiliaries:
2 x Sisu Diesel 180kW 1500rpm
Generators:
2 x Leroy Somer 210kW
1 x Emergency Generator 96kW
1 x shaft alternator 348kW
Speed: abt. 12.5 knots
Consumption:
In port – abt. 1t Gas Oil per day
At sea – abt. 11t 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 bowthrustrer 380kW