

# 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	+100A1 + LMC + UMS Ship
		Notation	Right (SCM)
Inmarsat-C (telex)	+(581) 42466610		Ice Class Swedish/Finish 1A
	+(581) 42466611		
Email	abrook@ipsignature3.net	Class No.	9433377
GSM telephone (Dutch)	+316655871039	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 <sup>3</sup>
Fuel – HFO	343m <sup>3</sup>
Fuel – GO	51m <sup>3</sup>
Fresh Water	58m <sup>3</sup>
Lub Oil	12m <sup>3</sup>

Hold Capacities	Grain & Bale	
	m <sup>3</sup>	ft <sup>3</sup>
No. 1 hold	4205.9	148.523
No. 2 hold	5267.2	186.001
<b>Total</b>	<b>9473.1</b>	<b>334.524</b>
Portable bulkhead may be placed in		
8 positions for cargo separation		
Both cargo holds fitted with de-humidifier.		
<b>Containers:</b>	<b>TEU</b>	
Hold	177	
Deck	88	
<b>Hatches:</b> Coops & Nieborg pontoon system		
Maximum hatch top loading	1.5t/m <sup>2</sup>	
Maximum tank top loading	15mt/m <sup>2</sup>	
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 4.1, 4.2, 4.3, 5.1 and 5.2 (packaged).		

<b>Main Engine:</b>	MaK 6M32C 2999kW with Renk Gearbox and Berg controllable pitch propeller
<b>Auxiliaries:</b>	2 x Sisu Diesel 180kW 1500rpm
<b>Generators:</b>	2 x Leroy Somer 210kW 1 x Emergency Generator 96kW 1 x shaft alternator 348kW
<b>Speed:</b>	abt. 12.5 knots
<b>Consumption:</b>	In port – abt. 1t Gas Oil per day At sea – abt. 11t HFO per day
<b>Equipment</b>	GMDSS (A3), 2x radars, navtex, Echo sounder, speed/distance log 2x GPS receivers, A/P, ECDIS, gyro/magnetic compasses, 1x electric bowthrustrer 380kW