

# M.V. Arklow Fern



Port of Registry	Arklow	Yard	Astilleros de Murueta SA, Spain
Call Sign	EIJW5	Year of Build	2010
IMO No.	9527661	Class	Bureau Veritas
MMSI No.	250002173	Class Notation	I * HULL * MACH, GRL CARGO SHIP - HEAVY CARGO UNRESTRICTED NAVIGATION * AUT-UMS; MON-SHAFT; STRENGTHBOTTOM; INWATER SURVEY
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## Principal Particulars

Length OA	89.95m	<b>Hold Capacity: Grain &amp; Bale</b>	<b>Main Engine:</b>
Length BP	84.98m	(incl. B/H) 213,855.53 ft <sup>3</sup> / 6,056 m <sup>3</sup>	MAN 6L27/38 2040 kW with gearbox
Breadth Mld	14.4m	(excl. B/H) 214,491.16 ft <sup>3</sup> / 6,074 m <sup>3</sup>	and controllable pitch propeller
Breadth Ext	14.5m	Portable bulkheads (2) may be placed in	<b>Auxiliaries:</b>
Depth Mld	7.35m	10 positions for cargo separation	2 x Guascor SH74TAB-SG 175kW
Summer Load Draft	6.28m	<b>Hatches:</b> Coops & Nieborg pontoon system	1 x Guascor H33TSG 50kW
Min. airdraft is	21.70m	Maximum hatch top loading 1.75t/m <sup>2</sup>	<b>Generators:</b>
at max. ballast draft of	3.8m	Maximum tank top loading 15t/m <sup>2</sup>	2 x Stamford HCM434C2, 190kva, 1500rpm
min. coaming height above waterline	5.6m	Bottom strengthened for loading aground	1 x Stamford UCM224G2, 60kva, 1500rpm
GT	2998	Tank top strengthened for heavy cargoes	1 x shaft alternator Stamford
NT	1673	Engine room bulkhead A60 insulated	<b>Speed:</b> abt. 11.5 knots
Displacement	6479t	Engine room fitted with CO <sub>2</sub> and flexi-fog	<b>Consumption:</b>
Total Deadweight	4960t	CO <sub>2</sub> fire extinguishing system in hold	In port – abt. 0.75t Gas Oil per day
Ballast	2030t	Mechanical ventilation – 6 changes per	At sea – abt. 7.50t HFO per day
Fuel (HFO)	165t	hour in empty hold	<b>Equipment:</b> GMDSS (A3), 2x radars, AP,
Fuel (GO)	37t	Certified for the carriage of dangerous	navtex, echosounder, speed/distance log,
Fresh Water	46.8t	goods of IMO Class 4.1, 4.2, 4.3, 5.1	2 x GPS receivers, gyro/magnetic
Lub Oil	12.1t	and 5.2 (packaged)	compasses, electronic charts, 1 x electric
			bowthrustrer 250kW.

21/09/10

E. & O. E.

# ARKLOW FERN

