

# M.V. Arklow Willow

Port of Registry Arklow  
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Yard Kyokuyo Shipyard Corp., Japan  
 Year of Build 2004  
 Class Bureau Veritas  
 Class Notation +100A1 + LMC, UMS, IWS  
 (strengthened for heavy cargo)  
 Class No. 04922C  
 Official No. 403343  
 IMO No. 9314600  
 MMSI No. 250000144



## Principal Particulars

Length OA 136.40m  
 Length BP 126.88m  
 Breadth Ext. 21.60m  
 Depth Mld 11.30m  
 Summer Load Draft 8.35m  
 At max. ballast draft of 6.00m  
 Min. air draft 30.00m  
 min. coaming ht above waterline 8.00m  
 GT 8935  
 NT 4815  
 Displacement 17,873t  
 Total Deadweight 14,001t  
 Ballast 4,100t  
 Fuel 800m<sup>3</sup>  
 Diesel 160m<sup>3</sup>  
 Fresh Water 200m<sup>3</sup>

### Hold Capacities

	Grain		Bale	
	m <sup>3</sup>	ft <sup>3</sup>	m <sup>3</sup>	ft <sup>3</sup>
No. 1 hold	3234	114215	3131	110581
No. 2 hold	5321	187902	5177	182822
No. 3 hold	5439	192073	5293	186926
No. 4 hold	3317	117143	3240	114409
<b>Total</b>	<b>17311</b>	<b>611333</b>	<b>16841</b>	<b>594738</b>

### Hatches:-

Weather tight folding type  
 Maximum loading on hatches 1.8mt/m<sup>2</sup>  
 Maximum loading on tank top 20mt/m<sup>2</sup>  
 Mechanical ventilation – 20 changes per hour in empty holds.

### Main Engine:

Wartsila 6L38B 4320kW with Reinjtes Reduction gear.

### Auxiliaries:

2 x Yanmar 550kW  
 1 x Deutz 114kW

### Generators:

2 x Taiyo Electric 480kW  
 1 x Taiyo Electric 100kW  
 1 shaft alternator 1,000kW

### Speed:-

Abt. 13.0 knots

### Consumption:-

Abt. 17t IFO 380 per 24 hours at sea  
 Abt. 1t MGO per 24 hours in port

### Equipment

GMDSS (A1,A2,A3 fleet 77), echo sounder, 2 radars, gyro & magnetic compass, AP,VDR navtex, 2 x GPS, 1 x 526kW bowthrustrer, AIS.

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