

# M.V. Arklow Marsh



|                       |                      |                |  |
|-----------------------|----------------------|----------------|--|
| Port of Registry      | Arklow               | Yard           | Mokpo Shipbuilding Ind. Co.,<br>Korea                    |
| Call Sign             | EIIX5                | Year of Build  | 2010   |
| Sat Phone:            | +870 7732 42102      | Class          | Bureau Veritas   |
| Email:                | amarsh@arkship.ie    | Class Notation | +100A1 + LMC, UMS, IWS<br>(strengthened for heavy cargo) |
| Inmarsat-C (Telex)    | + (581) 425000288    | Class No.      | 12641S   |
|                       | + (581) 425000289    | Official No.   | 404067   |
| GSM telephone (Irish) | + 353 (0) 87 2688722 | IMO No.        | 9440253  |
|                       |                      | MMSI No.       | 250002012  |



## Principal Particulars

|                                    |                   |                                      |                         |                       |  |        |
|------------------------------------|-------------------|--------------------------------------|-------------------------|-----------------------|--|--------|
| Length OA                          | 136.47 m          | <b>Hold Capacities</b>               |                         |                       | <b>Main Engine:</b>  |        |
| Length BP                          | 128.50 m          |                                      | <b>Grain &amp; Bale</b> |                       | MaK 6M 43 C, 5,400kW, Jake reduction<br>gear and Rolls Royce controllable pitch<br>Propeller |        |
| Breadth Mid                        | 21.00 m           |                                      |                         |                       | <b>Auxiliaries:</b>  |        |
| Breadth Ext                        | 21.30 m           |                                      | <b>m<sup>3</sup></b>    | <b>ft<sup>3</sup></b> | 2 x Yanmar   | 438kW  |
| Depth Mid                          | 11.40 m           | No. 1 hold                           | 3132                    | 110600                | 1 x STX  | 100kW  |
| Summer Load Draft                  | 8.88 m            | No. 2 hold                           | 5762                    | 203480                | <b>Generators:</b>   |        |
| At max. ballast draft of           | 6.50 m            | No. 3 hold                           | 5628                    | 198742                | 2 x Taiyo Electric   | 350kW  |
| Min. air draft                     | 29.1 m            | No. 4 hold                           | 3587                    | 126668                | 1 x Taiyo Electric   | 100kW  |
| min. coaming ht above<br>waterline | 9.2 m             | <b>Total</b>                         | <b>18110</b>            | <b>639490</b>         | 1 shaft alternator   | 1000kW |
| GT                                 | 9,758 t           |                                      |                         |                       | <b>Speed:</b> Abt. 13.0 knots  |        |
| NT                                 | 5,240 t           | <b>Hatches:-</b>                     |                         |                       | <b>Consumption:</b>  |        |
| Displacement                       | 19,700 t          | Weather tight folding type           |                         |                       | Abt. 17t IFO 380 per 24 hours at sea   |        |
| Total Deadweight                   | 14,990 t          | Maximum loading on hatches           |                         | 1.8mt/m <sup>2</sup>  | Abt. 1t MDO per 24 hours in port   |        |
| Ballast                            | 5,480t            | Maximum loading on tank top          |                         | 20mt/m <sup>2</sup>   | <b>Equipment</b>   |        |
| Fuel                               | 626m <sup>3</sup> |                                      |                         |                       | GMDSS (A3, fleet 77), echo sounder,  |        |
| Diesel                             | 143m <sup>3</sup> | <b>Mechanical ventilation</b>        |                         |                       | 2 radars, gyro & magnetic compass,   |        |
| Fresh Water                        | 136m <sup>3</sup> | - 6 changes per hour in empty holds. |                         |                       | AP, VDR Navtex, 2 x GPS, AIS, LRIT<br>ECDIS, 1 x 750kW bowthruster.                          |        |

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