**M/V “Eagle Frontier”**

**Bahamas (BMA) Flag**

**Eagle Shipping Ltd**

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**M/V “Eagle Frontier” is a DP2 - offshore supply vessel with large aft deck and good charterers accommodation. Excellent working records in the renewable wind energy fields. - IMCA COMPLIANT -**
Specifications

Call sign                   C6DX7
IMO Nr.                    9034767
MMSI Nr.                   311 000 811
Classification             Lloyd’s Register ® 100 A1 Offshore Supply Vessel LMC UMS LNC (AA) DP 2
Built                      1992 at Ulsteinvik, Norway
Special Survey             last 02-2016 - next 02-2021
Vessel design              UT 745
Flag                        Bahamas (BMA)
Official No. BMS            7001172
Port of Registry           Nassau
Owner                      Eagle Shipping Limited
Tank capacity              Fuel  963 m³
                            Ballast 1365 m³

Tonnage

Gross Tonnage              2961 tons
Net Tonnage                1234 tons
Deadweight at max draft   4571 tons
Light Ship                 2115 tons

Dimensions

Length OA                  82.50 meter
Length PP                  76.20 meter
Breadth, Moulded           18.80 meter
Depth, Moulded to main deck 7.60 meter
Draft Max (summer)         6.23 meter
Min. Operational Draft     4.30 meter
Freeboard at max Draft     1.37 meter

Propulsion / Positioning

Main Engines               2 x Bergen Diesel, total output 5300 kW
Main Propellers            2 x Ulstein 850/4
Shaft Generators           2 x Siemens (capacity 2 x 1750 kW)
Auxiliary Generators       2 x Cummins (capacity 2 x 300 kW)
                            1 x Cummins (capacity 88 kW)
Bow Thruster               1 x 1200 BHP (883kW), CP Tunnel
                            1 x 1200 BHP (883kW), CP Retract Azimuth
Stern Thrusters            2 x 800 BHP (590kW), CP Tunnel
Shaft Generators           2 x 1800 kW, Siemens IFJ5
Generators                 2 x 300 kW, Siemens IFJ6
Emerg. Generator           1 x 68 kW, Siemens IFC6

Consumption

Max. speed /consumption    abt. 15.6 kts at 25 ts/24hrs
Eco. speed /consumption    abt. 12.0 kts at 9 ts/24hrs
Consumption in port        abt. 1.2 ts/24hrs
DP (position keeping)      abt. 5.5 ts/24hrs
**Cargo Capacities**

- **Deck space**: 907 m²
- **Cargo deck capacity**: 2900 metric tons (max)
- **Deck length**: 58.50 m
- **Deck breadth**: 15.50 m
- **Cargo rail high**: 3.90 m
- **Deck strength**: Aft: 10 tons/m², Fore: 5 tons/m²
- **Stern roller**: 9.00 m
- **Gas Oil**: 963 m³
- **Fresh Water**: 757 m³
- **Ballast Water**: 1365 m³ (*management plan approved by class*)
- **Liquid Mud**: 662 m³
- **Dry Bulk**: 400 m³
- **Methanol**: 171 m³
- **Brine SG 2.5**: 216 m³
- **Base oil**: 303 m³
- **Methanol**: 171 m³

**Cargo Discharge Capacities**

- **Fuel Oil**: 1 x 250 m³/hour at 9 bar with Flowmeter (range 460-6400 l/min)
- **Ballast / Drill Water**: 1 x 250 m³/hour at 9 bar
- **Fresh Water**: 1 x 250 m³/hour at 9 bar

**Deck Equipment**

- **Starboard Crane**: 1 x EHSC, SWL 1400kg @ 17m
- **Tugger**: 2 x Ulstein 9.5 ton
- **Capstan**: 2 x Ulstein 10 ton

**Dynamic Positioning System**

- **Class definition**: DP2 LR AA (*last FMEA December 2016*)
- **DP Consoles**: MT Bridgemate DP2
- **DGPS**: Seatex DPS 132 / 464 - Kongsberg
- **Position Reference Systems**: 1 x Kongsberg Seatex DPS 132, XP ref. 0.1m
  1 x Kongsberg Seatex DPS 232, G2 ref. 0.1m
  1 x Kongsberg Seatex Radius 1000
  1 x MBL Fanbeam 4.2
  1 x Fugro Seastar 3510LR Demodulator, Inmarsat
  1 x Fugro Seastar 3510LR Demodulator, Spotbeam
- **Other Equipment**: 2 x Kongsberg Seatex MRU-2
  3 x Simrad Gyros GC80/GC85
  2 x Gill Ultrasonic Wind Sensors
Mooring Equipment

Windlass

2 x Ulstein S6-48K3 25 t
Hull anchor 2850 kg, total lengths 9 shackles (stb), 9 shackles (ps)

Mooring drum capacity/pull 35 t

Accommodations

Crew

26 in single and double cabins, all with bath room
14 single cabins for officers and crew
2 x 6 passenger cabins
4 x 2 in accommodation containers on deck

Hospital

1 bed

Galley

Freezer capacity: 10 m³
Cooler capacity: 4 m³

Laundry

1

Deck Office

1

Recreation area

1

Lounge – messroom

1

Navigation Equipment

X-band Radar

1 x Sperry Marine RASCAR 3400M-314

S-band Radar

1 x Sperry Marine RASCAR 3440-27

GPS

1 x Leica MK 12 Prof Navigator

Electronic chart System

2 x ECDIS Transas RS-6 Navisailor 4000

Magnetic compass

1 x H. Iversens

Gyro compass

3 x Simrad GC80/GC85

Doppler Log

1 x JRC JLN-205

Echo sounder

1 x JRC JFE-585

Autopilot

1 x Robertson AP-9 MKII

AIS

1 x SAAB R4-AIS

Wind gauge

2 x WindObserver II Ultrasonic

Joystick System

1 x MT Compact OS, 4 connection point

Communication Equipment

MHF/HF DSC

1 x Sailor 5100 DSC

VHF

1 x Sailor RT 2047, incl. Private Channels
2 x Sailor RT 5022 DSC, incl. Private Channels

VHF DSC

2 x Sailor RM 2042

EPIRB

2 x 3SI Guardian

Inmarsat C

2 x Sailor TT-3020C

Navtex Receiver

1 x JRC NCR333

S.P Radio

1 x R109

Portable VHF

3 x Sailor SP35

Portable UHF

5 x Motorola GP340

Fleet 77

1 x FBB NERA F77

SART

2 x McMurdo S4

LRIT

1 x Thrane & Thrane 6130 LRIT
### Rescue Equipment

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MOB boat</td>
<td>1 x MOB boat – Norsafe, 40 HP</td>
</tr>
<tr>
<td></td>
<td>6 persons</td>
</tr>
<tr>
<td>MOB Davit</td>
<td>Vest Davit PL-1500 554</td>
</tr>
<tr>
<td>Life rafts</td>
<td>6 x 16 DK Viking</td>
</tr>
<tr>
<td>Lifejackets</td>
<td>33 x Merman 16 A, 4 x Merman (for Children)</td>
</tr>
<tr>
<td>Survival suits</td>
<td>30 x Imperial 1409 DK; 3 x Viking (Oversize)</td>
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</tbody>
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Side view

Deck house from aft
Bridge front

Bridge aft
EAGLE SHIPPING LTD

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MARINE DIVISION

BASED

EUROPE & AFRICA REGION

Bruno Faure
IMCA President 2017

VALID UNTIL 1 FEBRUARY 2018

IMCA members contribute to and support the principles of this Association and are willing to be audited against compliance with relevant IMCA guidelines by their clients.

2017
M/V "Eagle Frontier"

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