

M/V "Eagle Frontier"

Bahamas (BMA) Flag



EAGLE SHIPPING LIMITED

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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	04 – 2021 All Special Survey related works for 04 – 2021 (Dry dock survey with shafts out and Continues Survey Machinery) Done 09 – 10 2020
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)
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

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Cargo Capacities

Deck space	907	m ²
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/m ² , Fore: 5 tons/m ²	
Stern roller	9.00	m
Gas Oil	963	m ³
Fresh Water	757	m ³
Ballast Water	1365	m ³ (management plan approved by class)
Liquid Mud	662	m ³
Dry Bulk	400	m ³
Methanol	171	m ³
Brine SG 2.5	216	m ³
Base oil	303	m ³
Methanol	171	m ³

Cargo Discharge Capacities

Fuel Oil	1 x	250	m ³ /hour at 9 bar with Flowmeter (range 460-6400 l/min)
Ballast / Drill Water	1 x	250	m ³ /hour at 9 bar
Fresh Water	1 x	250	m ³ /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)
Last DP Annual	May 2020
DP Consoles	MT Bridgemate DP2

DGPS	Seatex DPS 132 / 464 - Kongsberg
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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
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Other Equipment	2 x Kongsberg Seatex MRU-2 3 x Simrad Gyros GC80/GC85 2 x Gill Ultrasonic Wind Sensors
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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 and charterer	30 people in 10 single and 10 double cabins all with bathroom (including possible installation second bed in 4 single cabins on B- Deck) 38 beds in total (including the 2 cabins with each 6 person)
Hospital	1 bed
Galley	Freezer capacity: 10 m ³ Cooler capacity: 4 m ³
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 Navi sailor 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

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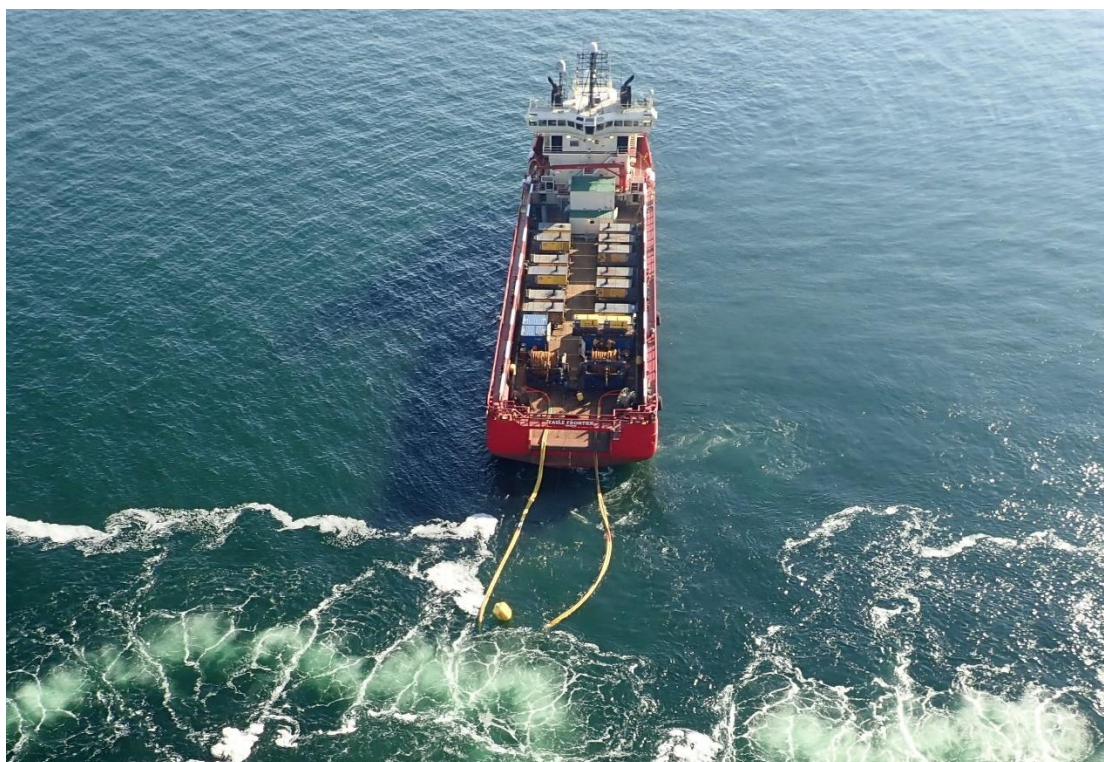
Rescue Equipment

<i>MOB boat</i>	<i>1 x MOB boat – Norsafe, 40 HP 6 persons</i>
<i>MOB Davit</i>	<i>Vest Davit PL-1500 554</i>
<i>Life rafts</i>	<i>6 x 16 DK Viking</i>
<i>Lifejackets</i>	<i>33 x Merman 16 A, 4 x Merman(for Children)</i>
<i>Survival suits</i>	<i>31 x Viking PS2014 , 2 x Viking (Oversize)</i>

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Side view



In working position

M/V "Eagle Frontier"



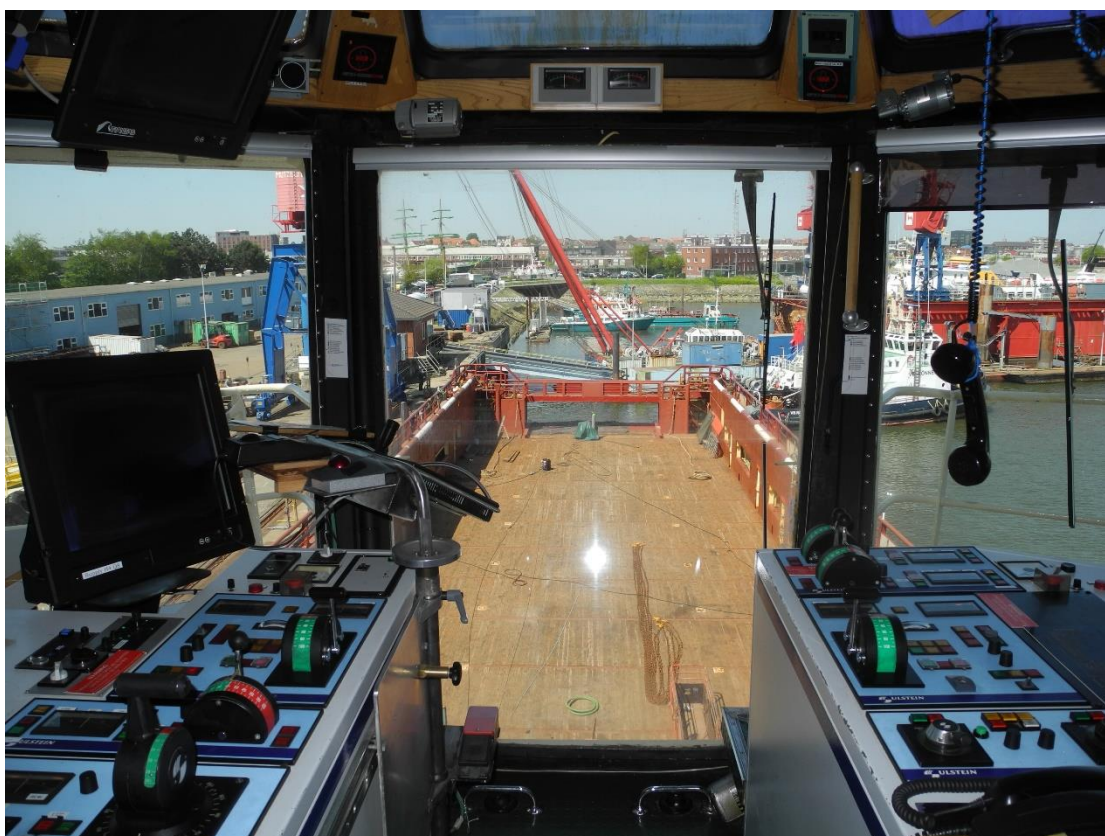
Dry Docking 09/2020



Dry Docking 09/2020



Bridge front



Bridge aft



Recreation area



Mess room

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IS A WORLD-WIDE
CONTRACTOR MEMBER OF



International Marine
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OF THE
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BASED
EUROPE & AFRICA REGION

A handwritten signature in black ink, appearing to read "Bruno Faure".

Bruno Faure
IMCA President 2017

VALID UNTIL 1 FEBRUARY 2018

IMCA members undertake to act as responsible members of the Association and are willing to be audited against compliance with relevant IMCA guidelines by their clients.



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