

CTV/FSV MHO-APOLLO



Vessel Specifications

Build	2021
Shipyard	AFAI Southern Shipyard, Guangzhou, China
Flag	Danish
CLASS	✶ 1A HSLC Crew Battery(Power) Windfarm R1
Trade area	Worldwide
Length O.A.	36,2 m
Beam	11 m
Max draft	1,59 m
Air draft	11,07 m
Bow fender height	3,2 - 4,2 m
GT	427
NT	124
IMO No.	9915545
Call Sign	OZIJ2
MMSI	219028351
E-mail	mho-apollo@mho-co.dk
Telephone	+45 48 80 05 63
Satellite Phone	+45 82 13 64 24

Performance

Max speed @ workload	23 knots
Max speed @ full load	20 knots
Range @ 15 knots	3.800 Nm

Crew and IP facilities

Crew	5
Beds	8 x single cabins
IP capacity	24
Suspension Seats	24 Grammar xx seats
Seating area	4 x Tables with business class comfort seats
Facilities	WI-FI throughout the vessel 5 x 42" TVs for safety videos 2 x public toilets + wet room with shower w/ cabinets and hangers
Pantry	Stove, microwave, coffeemaker and kettle 3 x Refrigerator, 3 x freezers

Capacities

Ship tanks	4 x 15.000 L, 2 x 2.500 L, Total 65.000 L
Cargo tanks	2 x 5.000 L, total 10.000 L
Fresh water	3.500 L
Sewage	2.500 L
Sludge	2 x 500 L
AdBlue	2 x 500 L
Max cargo	With 10.000 L fuel: 72.000 kg
Forward deck area	100 m ²
Fwd deck area strength	2 t/m ²
Aft deck area	10 m ²
Total deck area	110 m ²
Container fittings	[2 x 10' + 4 x 20'] or [10 x 10']

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Link to 3D tour of the ship: > [HERE](#) <

Deck equipment

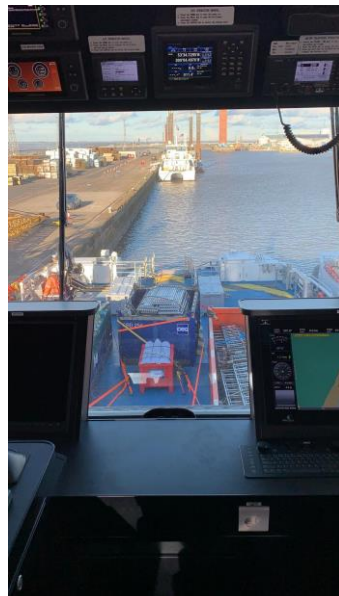
Crane	AMCO VEBA 815-4s: SWL: 1.065 Kg @ 10,25 m
Fuelling	1 x 40 m 2" hose
Pump capacity	750 L/min @ 23 m // 400 L/min @ 45 m
Pressure washer	High pressure washer with 40 m hose
Deck power output	3 x Reefer plugs 380 V 4 & 5 pin
Moonpool	1065 mm x 868 mm

Engines

Main	2 x Volvo D13 515kW @2250rpm
Auxiliary	1 x Volvo D5
Propulsion Motors	2 x Danfoss EM-PMI540-T3000-2000@550kW@2250rpm
Bow Thrusters	JET 2 x 45 kW
Generators	5 x Volvo D8
	w/ Danfoss EM-PMI375-T1100-1800
IPS	4 x Volvo IPS 30
Battery	ZEM 3x 94 kWh = 284 kWh
	Voltage range 543 - 756 V
	Capable of 24 hours Standby

Bridge control

Manoeuvring	Volvo IPS "DP0" system
Manoeuvring stations	1 x main station + 1 back-up on bridge
Manoeuvring stations	2 x wing station w/ joystick
Navigation lights	Lupolight LED
Monitoring	CCTV with 24 cameras and 10 days storing
BWA	Furuno BR-500



Navigation equipment

Radar	Furuno FAR-1518-BB ARPA Radar
Radar	Furuno DRS-4D-NXT
ECDIS	2 x Transas 4000 ECDIS
VHF	2 x Furuno FM-8900S
VHF	Motorola DM-4400E with P-channels
MF/HF	Furuno FS-1575
AIS	McMurdo Smart find M5
Sat Compass	Furuno SC-70
GPS	Furuno GP-170
Echo sounder	Furuno FCV-588
Navtex	Furuno NX-700
Speed log	Furuno GS-100
Autopilot	Navitron NT-888G
Motion dampening	Humphree Active Ride control

Charter facilities

On bridge	Sofa w/ table and workstation
	Refrigerator, sink, coffeemaker and kettle



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