

# CTV/FSV “MHO Asgard” - 24 seats



## Vessel Specifications:

<b>Built:</b>	2021 - june
<b>Shipyard:</b>	AFAI Southern Shipyard
<b>Flag:</b>	Danish
<b>Class:</b>	✘ HSLC Crew Windfarm R1
<b>Trade area:</b>	Worldwide
<b>Length O.A:</b>	35 m
<b>Beam:</b>	11,0 m
<b>Max draft:</b>	1,59 m
<b>Air draft:</b>	11,07 m
<b>Bow fender height:</b>	4,2 m
<b>GT:</b>	412
<b>NT:</b>	124
<b>IMO No.:</b>	9915533
<b>Call Sign:</b>	OZIK2
<b>MMSI:</b>	219028352
<b>E-mail:</b>	<a href="mailto:mho-asgard@mho-co.dk">mho-asgard@mho-co.dk</a>
<b>Tel:</b>	+45 xx xx xx xx
<b>Sat Phone:</b>	+45 xx xx xx xx

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<b>Crew and IP facilities:</b>	
<b>Crew:</b>	5
<b>Crew berths:</b>	8 x single cabins
<b>IP:</b>	24
<b>Seats:</b>	24 x business class comfort seats
<b>Comfort:</b>	Sofa/seating in mess area
	2 x LCD TV for safety video and DVD
	WIFI throughout the vessel
	Pantry with stove, microwave, coffeemaker + kettle
	2 x public toilet + wet room with shower
<b>Storage:</b>	3 x freezers, 3 x refrigerators
<b>Performance:</b>	
<b>Max speed workload:</b>	15.000 l fuel: 27 kn
<b>Max speed full load:</b>	65.000 l fuel + 5 t cargo: 23 kn
<b>Range:</b>	3.800 nm
<b>Capacities:</b>	
<b>Ship tanks:</b>	4 x 15.000 l
<b>Total fuel capacity:</b>	2 x 2.500 l, + 60.000 = <b>65.000 l</b>
<b>Fresh water:</b>	3,500 L
<b>Sewage:</b>	2,500 L
<b>Max cargo:</b>	With 10.000 l fuel: 57.000 kg
<b>Fwd deck area:</b>	100 m <sup>2</sup>
<b>Aft deck area:</b>	10 m <sup>2</sup>
<b>Total deck area:</b>	110 m <sup>2</sup>
<b>Container fittings:</b>	2 x 10' + 4 x 20' or 10 x 10'
<b>Deck equipment:</b>	
<b>Crane:</b>	AMCO VEBA 815-4S: SWL: 1.065 KG @ 10,25 m
<b>Fuelling:</b>	1 x 40 m 2" hose
<b>Pump capacity</b>	750 l/min @ 23 m / 400 l/min @ 45 m
<b>Pressure washer:</b>	High pressure washer with 40 m hose
<b>Deck output:</b>	3 x reefer plugs

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<b>Engine equipment:</b>	
<b>Main engines:</b>	2 x Volvo D13 515kW @2250rpm + battery
<b>Aux engines:</b>	1 x Volvo D5
<b>Propulsion Motors:</b>	2 x Danfoss EM-PMI540-T3000-2000@550kW@2250rpm
<b>Generating Motors:</b>	5 x Volvo D8 with Danfoss EM-PMI375-T1100-1800
<b>Propulsion:</b>	4 x Volvo IPS 30
<b>Battery:</b>	Dolphin Power 5 x 78kWh, design life 10 years, <ul style="list-style-type: none"> <li>- Max. voltage 640Vdc, Minimum voltage 480Vdc.</li> <li>- Capable of 8 hours st. by.</li> </ul>

<b>Navigation equipment:</b>	
<b>Radar:</b>	Furuno FAR-1518-BB ARPA radar
<b>Radar:</b>	Furuno DRS-4D-NXT
<b>ECDIS:</b>	2 x Furuno FMD-3100 full ECDIS
<b>VHF:</b>	2 x Furuno FM-8900S
<b>VHF:</b>	Motorola DM-4400E with P-channels
<b>MF/HF:</b>	Furuno FS-1575
<b>AIS:</b>	McMurdo Smart find M5
<b>Sat Compass:</b>	Furuno SC-70
<b>GPS:</b>	Furuno GP-170
<b>Echo sounder:</b>	Furuno FCV-588
<b>Nav tex:</b>	Furuno NX-700
<b>Speed log:</b>	Furuno GS-100
<b>Autopilot:</b>	Navitron NT-888G
<b>Motion dampening:</b>	Humphree Active Ride control

<b>Bridge control:</b>	
<b>Manoeuvring:</b>	Volvo IPS “DPO” system
<b>Navigation lights:</b>	Lopolight LED navigation lights
<b>Monitoring:</b>	CCTV with 24 cameras and 10 days storing
<b>BWA:</b>	Furuno BR-500 Bridge watch alarm

<b>Charterer facilities:</b>	
<b>On bridge:</b>	1 desk with workstation
	Sofa area
	Refrigerator, sink, coffeemaker and kettle