



Vessel Specifications

Build	2016
Shipyard	Strategic Marine
Flag	Danish
CLASS	✠ 1A HSLC Crew Windfarm R1
Trade area	Worldwide
Length O.A.	26,2 m
Beam	8,9 m
Max draft	1,75 m
Air draft	11,07 m
Bow fender height	3,5 m
GT	221
NT	66
IMO No.	9766243
Call Sign	OYKR2
MMSI	219025992
E-mail	Mho-grimsby@mho-co.dk
Telephone	+44 07 868 102 843
Satellite Phone	+45 82 13 10 62

Performance

Max speed @ workload	27 knots
Max speed @ full load	23 knots
Range @ 15 knots	2.600 Nm

Crew and IP facilities

Crew	4
Beds	5 x single cabins
IP capacity	24
Suspension Seats	24
Seating area	8 x Foldable tables with seats
Accessibilities	WI-FI throughout the vessel 2 x 32" TVs for safety videos 1 x lounge with sofa and 32" TV
Pantry	Stove, microwave, coffeemaker and kettle
Coolers	1 x Refrigerator, 2 x freezers

Capacities

Ship tanks	2 x 10.800 L, total 21.600 L
Cargo tanks	2 x 5.000 L, total 10.000 L
Fresh water	3.000 L tank, Fresh water treatment 70 L/hr
Sewage	1.500 L tank
Max cargo	With 8.500 L fuel: 16.100 kg
Forward deck area	50 m ²
Aft deck area	27 m ²
Total deck area	77 m ²
Container fittings	[3 x 10'] or [2 x 20']

CTV/FSV MHO-GRIMSBY



Deck equipment

Crane	PK23500 Hybrid: SWL: 2.450 Kg @ 8 m
Fuelling	400 L/min @ 40m hose (2" TODO connection/pistol)
Pump capacity	400 L/min @ 40 m
Pressure washer	High pressure washer with 40 m hose
Deck output	Fwd & Aft: 1 x 415V, 50Hz, 32A, 4 pin + 1x220V, 50Hz, 15A, 3 pin
Moon Pool	1164 mm x 865 mm

Engines

Main	4 x Volvo D13-700 High Speed Diesel
Auxiliary	2 x Cummins Onan 27 kW
Gear boxes	IPS900
IPS	IPS900
Bow thrusters	N/A

Bridge control

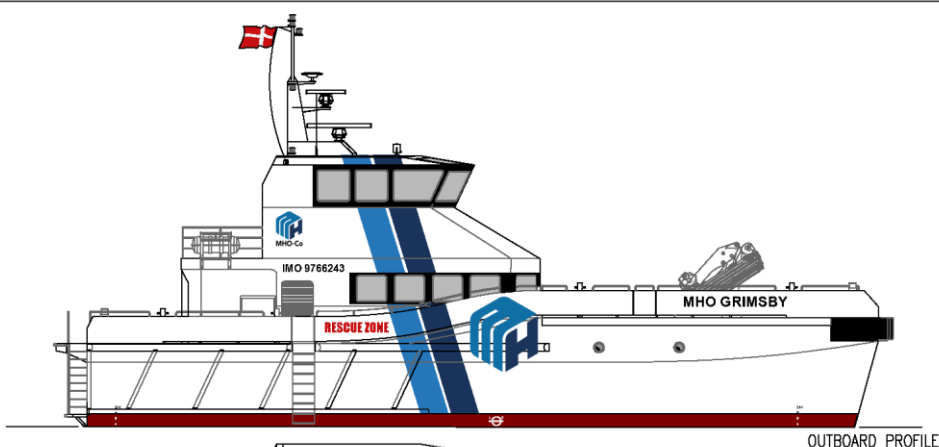
Manoeuvring	Volvo control unit's w/ joystick & docking mode, Volvo "DP" System
Navigation lights	Aqua Signal Serie 55
Monitoring	CCTV with 6 cameras and 10 days storing
BWA	Le Guardian2025 Watch Alarm

Navigation equipment

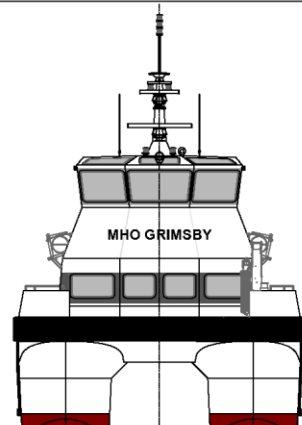
Radar	JMA-5200MKZ
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ECDIS	Navi-Sailor4000
VHF	2 x Furuno FM-8900S
VHF	Motorola DM-4400E with P-channels
MF/HF	Furuno FS-1575
AIS	AMEC AA-170
Sat Compass	Hemisphere Vector v-103
GPS	Furuno GP-170
Echo sounder	JMC-3000W
Navtex	FurunoNX-700
Speed log	Walker-4020
Autopilot	Simrad AP70
Motion dampening	Humphree Active Ride Control

Charter facilities

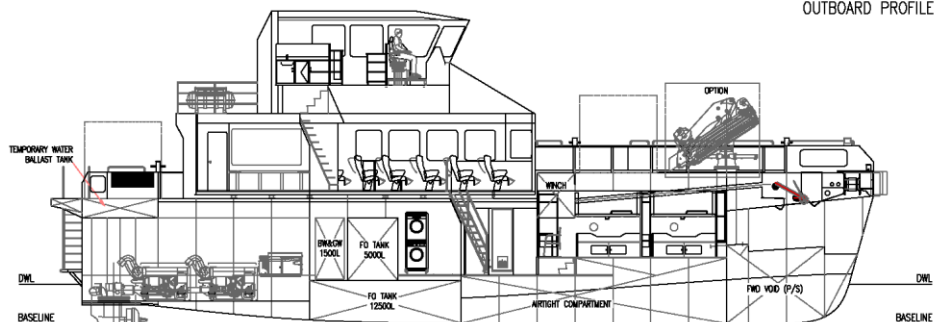
On bridge	Sofa and table
	Refrigerator, sink, coffeemaker and kettle



OUTBOARD PROFILE



VIEW ON BOW



INBOARD PROFILE



LOAD LINE LENGTH



PRINCIPAL PARTICULARS

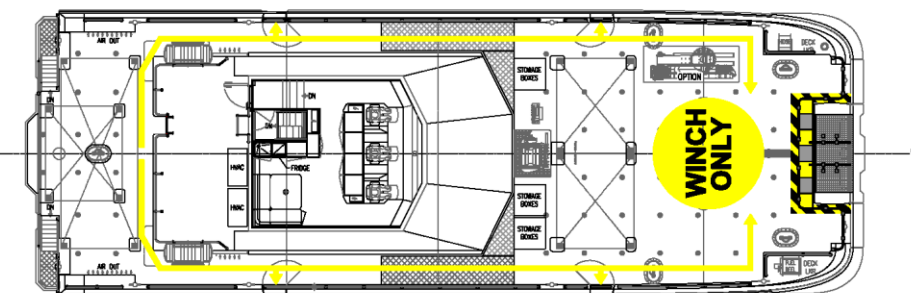
LENGTH OVERALL:	28.2 m
LOAD LINE LENGTH:	23.8 m
LENGTH WATERLINE (DESIGN):	24.3 m
MAXIMUM MOULDED BEAM:	8.9 m
BEAM DEMIHULL CL - DEMIHULL CL:	8.95 m
HULL DESIGN DRAFT:	1.3 m
HULL SCANTLING DRAFT:	1.5 m
SCANTLING DRAFT (UNDERSIDE OF SKEG):	1.7 m
FUEL:	35000 L
FRESH WATER:	3000 L
BLACK WATER:	1500 L
CREW CAPACITY:	4
INDUSTRIAL PERSONNEL:	24 (WHERE THE NUMBER OF PASSENGERS CARRIED ON BOARD MAY NOT EXCEED 12)
CLASS:	LRS=100A1, SSC, WORKBOAT, CATAMARAN, HSC, GS MCH GERMAN
FLAG:	30t
MAX DEADWEIGHT:	27m³
AFT CARGO AREA:	50m²
FWD CARGO AREA:	29m²
DECK LOADING:	2800 L
BALLAST TANK:	2800 L

MACHINERY / PERFORMANCE

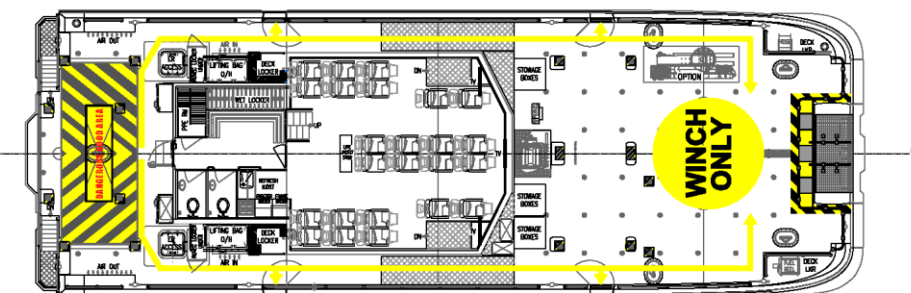
MAIN ENGINES:	4x VOLVO PENTA IPS 800
SPEED @ 100%MCR 10t DWT:	27 kts
SPEED @ 85%MCR 10t DWT:	25 kts



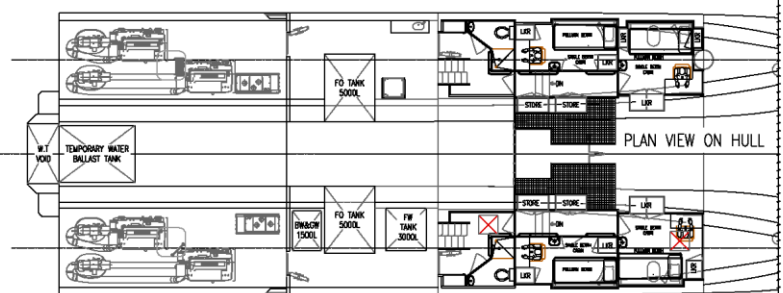
AS-BUILT



PLAN VIEW BRIDGE



PLAN VIEW ON MAIN DECK



PLAN VIEW ON HULL

REV	DESCRIPTION	DATE	MOD. BY	CHK BY
L	ADDITION OF AFT VOID OFF TRANSOM AT DECK LEVEL AND BASIN IN CABIN LOWER DECK	05/02/16	CMT	JLAW
K	UPDATES MADE BY SHIPYARD - ADD 02 FWD VOID (P/S)	26/10/15	T.VU	S.TRAN
I	UPDATE THE HANDRAIL, DANGEROUS GOODS AREA	28/10/15	T.TA	S.TRAN
H	DELETE FOREPEAK TANK (P/S)	23/10/15	T.TA	S.TRAN
G	UPDATED INDUSTRIAL PERSONNEL INFORMATION	13/10/15	T.TA	S.TRAN



Project:	STRATCAT 28 - IPS	Customer Dwg No:	H202	Chd By:	CMT	Chd Date:	01/02/16
Title:	GENERAL ARRANGEMENT - ORIOLOK STANDARD - AFS	Dwg No:	NG872-601-00-04	Issue:	L	Sheet:	1 of 1
Drawn By:	MDX	Scale:	1:75 @ A1	Full Name:	Nigel Gee	Position:	Chief Designer