



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

Engines

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

Bridge control

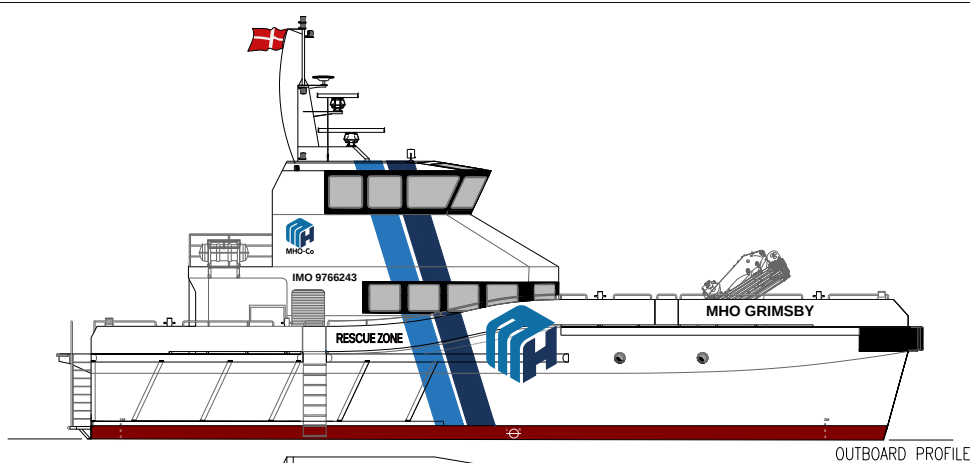
Manoeuvring	Volvo control unit's w/ joystick & docking mode, Volvo "DP" System
Navigation lights	Aqua Signal Serie 55
Monitoring	CCTV with 6 cameras and 10 days storing
BWA	Le Guardian2025 Watch Alarm

Navigation equipment

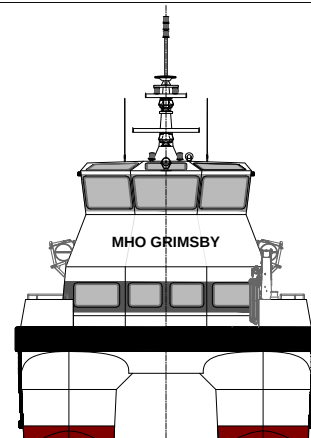
Radar	JMA-5200MKZ
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ECDIS	Navi-Sailor4000
VHF	2 x Furuno FM-8900S
VHF	Motorola DM-4400E with P-channels
MF/HF	Furuno FS-1575
AIS	AMEC AA-170
Sat Compass	Hemisphere Vector v-103
GPS	Furuno GP-170
Echo sounder	JMC-3000W
Nav tex	FurunoNX-700
Speed log	Walker-4020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

Charter facilities

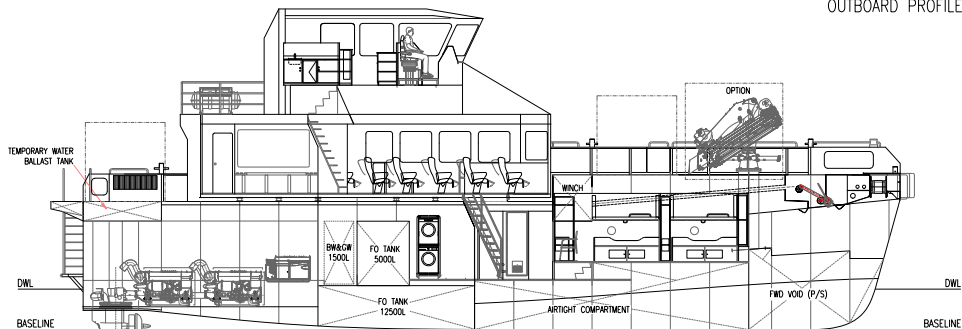
On bridge	Sofa and table Refrigerator, sink, coffeemaker and kettle
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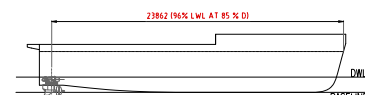
OUTBOARD PROFILE



VIEW ON BOW



INBOARD PROFILE



LOAD LINE LENGTH

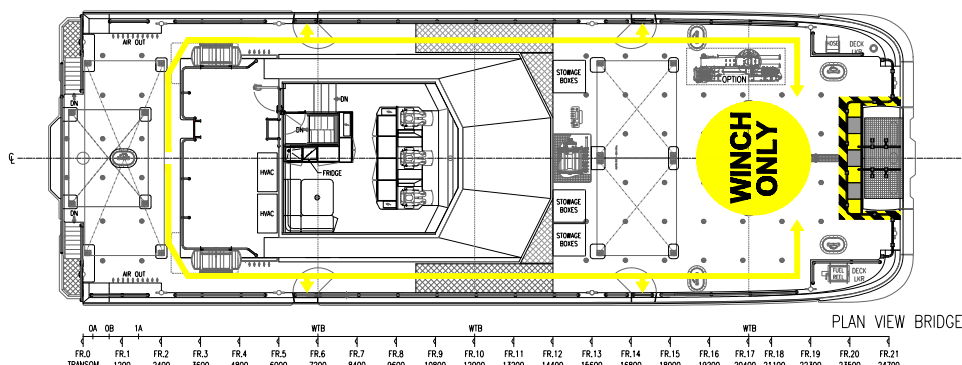


PRINCIPAL PARTICULARS

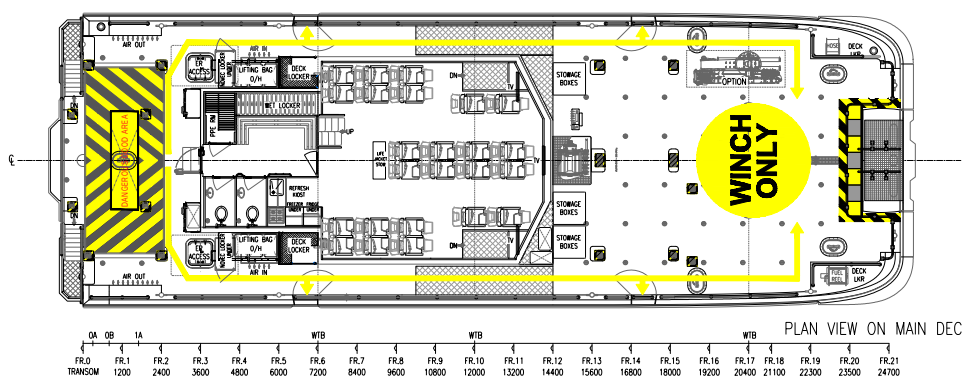
LENGTH OVERALL:	28.2 m
LOAD LINE LENGTH:	23.6 m
LENGTH WATERLINE (DESIGN):	24.3 m
MAXIMUM MOULDED BEAM:	8.9 m
BEAM DEMIHULL CL - DEMIHULL CL:	5.95 m
HULL DESIGN DRAFT:	1.3 m
HULL SCANTLING DRAFT:	1.5 m
SCANTLING DRAFT (UNDERSIDE OF SKEG):	1.7 m
FUEL:	36000 L
FRESH WATER:	3000 L
BLACK WATER:	1800 L
CREW CAPACITY:	4
INDUSTRIAL PERSONNEL:	24 (WHERE THE NUMBER OF PASSENGERS CARRIED ON BOARD MAY NOT EXCEED 12)
CLASS:	LRS+100A1, SSC, WORKBOAT, CATAMARAN, HSC, 03 MCH
FLAG:	GERMAN
MAX DEADWEIGHT:	30t
AFT CARGO AREA:	27m²
FWD CARGO AREA:	50m²
DECK LOADING:	2t/m²
BALLAST TANK:	2500 L

MACHINERY / PERFORMANCE

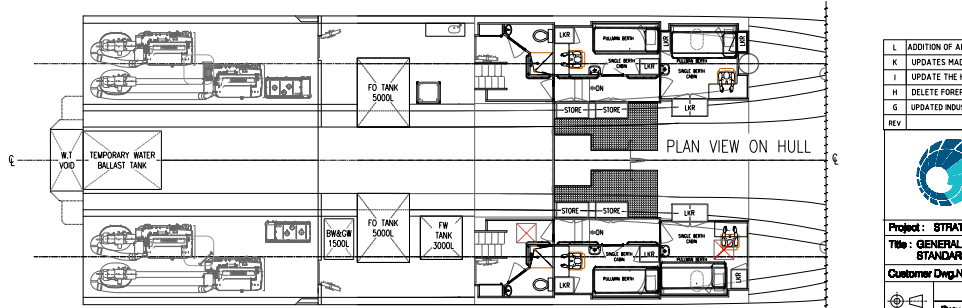
MAIN ENGINES:	4x VOLVO PENTA IPS 900
SPEED @ 100%MCR 10t DWT:	27 kts
SPEED @ 85%MCR 10t DWT:	25 kts



PLAN VIEW BRIDGE



PLAN VIEW ON MAIN DECK



PLAN VIEW ON HULL

L	ADDITION OF AFT VOID OFF TRANSOM AT DECK LEVEL AND BASIN IN CABIN LOWER DECK	01/02/16	CWT	JLAW
K	UPDATES MADE BY SHIPYARD - ADD 02 FWD VOID (P/S)	30/10/15	T.VU	B.TRAN
I	UPDATE THE HANGAR, DANGEROUS GOODS AREA	23/10/15	T.TA	B.TRAN
H	DELETE FOREPEAK TANK (P/S)	13/10/15	T.TA	B.TRAN
G	UPDATED INDUSTRIAL PERSONNEL INFORMATION	13/10/15	T.TA	B.TRAN
REV	DESCRIPTION	DATE	MOD BY	CHK BY



Project:	STRATCAT 06 - IPS
Title:	GENERAL ARRANGEMENT - OPILOK STANDARD - AFS
Customer Dwg No:	H202
Chd By:	CWT
Chd Date:	01/02/16
Dwg No:	NG972-001-00-04
Drawn By:	MDK
Scale:	1:75 @ A1
Issue:	L
Sheet:	1 of 1
Full Issue History:	See sheet 1