STANFORD MARINE



ALLIANZ ENTERPRISE

30M MULTICAT

DECK EQUIPMENT	
Anchor	1 x 360 kg Pool TW (HHP)
Chain	19 mm stud-link anchor chain 275 m
Anchor Winch	Ridderinkhof, hydraulically driven
Deck Crane Fore	1 x Heila HLRM340/18-3SK, 33 ton(m) @ 9,4m; 13,5 ton(m) @ 18.50 m
Deck Crane Aft	1 x Heila HLRM340/18-3SK 33 ton(m) @ 9,4m; 13,5 ton(m) @ 18.50 m
Anchor Handling Winch	Kraaijeveld KA-30/2-H-TR
Capacity	150 ton at 8 m/min pulling force (1 layer) st 30 ton at 32 m/min pulling force (1 layer) st st 170 ton brake holding force (1 layer) Wire cap: 950m Ø36mm or 200m Ø54mm
Towing Winch	Kraaijeveld KA-20-H-TR
Capacity	40 ton at 12 m/min pulling force (1 layer) 12 ton at 24 m/min pulling force (1 layer) 100 ton brake holding force (1 layer) Wire cap: 600m Ø36mm
Pelican Hooks	2 x Mampaey 25 ton SWL
Tugger Winch	1 x Dromec 12 ton at 4.0 m/min
Tugger Winch Aft	1 x Dromec 12 ton at 4.0 m/min
Towing Pins	Fore WK Hydraulics flipper with chain stopper
Ø	Aft WK Hydraulics triple pin type

CRANE DETAILS

Heila HLRM 340-3 SLK FWD and AFT Knuckle Boom Cranes – 32.5 MT SWL

DOCUMENTATION	
Classification	BV – Bureau Veritas
Year Built	2018
Keel Laid Year	2012
Place of Build	Dubai, UAE
Vessel Type / Notation	Multicat / I ✠ Tug Unrestricted navigation • MACH AUT-UMS
Port of Registry	Kingstown
Flag	St. Vincent and The Grenadines
Official No.	12165
Call Sign	J8B5692
IMO No.	9840130

MAIN PARTICULARS	
Length Overall	30.14 m
Length BP	28.30 m
Breadth Moulded	12.50 m
Depth Moulded	3.79 m
Draft (max)	2.8 m
Draft (operational)	2.6 m
Displacement (max)	729.83 mt / 98 percent
Bollard Pull	38.2 Tons
Displacement (operational)	675 mt / 85 percent
GRT / NT	341 / 102 T
Lightship Weight	512.510 MT
Deadweight	217.32 Mt
Freeboard	1..00 m

Specifications are provided in good faith, subject to change, and without liability for errors or omissions.

Stanford Marine LLC : 16th Floor, Single Business Tower, Sheikh Zayed Road | P.O. BOX 32456 , Dubai, UAE | +971 4 3808001 | +971 4 3808015

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MACHINERY

Type / Model of Main Engine	Caterpillar C32 TTA
Main Engines	3 x Caterpillar C32 Acert
Engines Max RPM	1600 RPM
Total Horsepower (BHP)	2886 HP
Generator	2 x Caterpillar C 04.4, 107,5 kVA each
Hydraulic Power	Caterpillar C32 TTA, 634 kW @ 1800rpm
Fuel Oil Separator	Alfa Laval MIB 303
Model of Bow Thruster	Kalkman
Type / Capacity of Bow Thruster	250 HP
Propellers	3 solid screw propeller (water closed) 4 blades
Propulsion	3 x Promarin fixed pitch propellers in Optima nozzles , 1700 mm Hydraulically driven 184 kW (250 hp), Kalkman Beta 250H
Gearbox	3 x Reintjes WAF 562
Rudders	3 rudders
Steering Gear	WK Hydraulic

CAPACITY

Fuel Oil	208.5 m^3
Fresh Water	53.5 m^3
Fresh Warter (Trim)	84.5 m^3
Lube Oil	2.8 m^3
Dirty Oil	4.4 m^3
Hydraulic Oil	4.4 m^3
Bilge Water	2.8 m^3

DELIVERY RATES

Fuel Oil	50 m^3/hr
Fresh Water	50 m^3/hr
Fresh Water (Trim)	50 m^3/hr
Lube Oil	5 m^3/hr
Dirty Oil	1 m^3/hr
Bilge Water	1 m^3/hr

ACCOMMODATIONS

Total Accommodation	4 X 2 Beds
Single Rooms	1

*All cabins are fully air-conditioned, complying with ILO 92, IMO Resolution A468 (XII)

PERFORMANCE & FUEL CONSUMPTION

Max Speed	10 knot (12 m3/24 hr)
Service Speed	7.5 knot (5.6 m3/24 hr)
Economic Speed	6.5 knot (3.5 m3/24 hr)
Standby Fuel Consumption	0.12 M3 (only generator)

ELECTRONICS & CONTROLS

Radar	1 x Furuno, FAR 2117; 1x Furuno, FR 8062
Radar 2	1 x Furuno, FR 8062
Compass	1 x Cassens & Plat, Reflecta 1
Gyro Compass	1 x Anschutz standard 22 compact
Magnetic Compass	1 x Cassen Plath
Chart System	1 x Transas NS 4000
GPS	1 x Furuno, GP-150 D
AIS	1 x Furuno, FA-150
Echo Sounder	1 x Furuno, FE-700
Telephone	VSAT +442038838632
Auto Pilot	1 x Sea pilot 75
SSB	1 x Furuno FS 1575
VHF/VHF Aft Control	1 x Sailor, RT6222
MH /HF Radio	1 x Furuno FS 2575
NAVTEX	1 x Furuno, NX-700
GMDSS	Inmarsat 437635210
Iridium Telephone	1 x Sailor, SC 4000A
Handheld VHF	2 x TR-20
GSM Telephone	1 x Sagem, RT 3000
Intercom	1 x Sigma-700
Watch Alarm	1 x Marble, 421
INMARSAT-C	2 x Thrane & Thrane Sailor 6110
EPIRB	1 x Mcmurdo –Smartfind G8
SART	2 x Tron Sart 20
BNWAS	MS 4218
DSC 2 unit	2 x Samyung STV 160
Speed Log	1 x Furuno, DS-80
Public Address System	1 x Jetron Phonetech 3101
X – band TM radar	2 x Furuno RCU 014 , RCU 028
ECDIS	Time Zero
Anemometer	OMC 139
Wind Indicator	OMC 139

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SAFETY EQUIPMENT	
Life Rafts	2 x 25 persons
Life Buoys	1 x MOB, 2xlights with line, 1xline
Life Jackets	18 pcs
EEBD	14 pcs
Oxygen Resuscitator	2 set x 2 spare btl
SCBA Frenzy Comfort	8pcs X set , 4 Btl spare
Dry Powder Extinguisher	2 x 2kg , 6 x 6kg , 1 x 50 kg
Fire Hydrant	4 pcs
Firemen Outfit	5 set
Alarm System	1 X ML 22104 M
Rescue Scoop (Stretcher)	2 Para Guard
Emergency Fire Pump	3 fixed pump . 1 portable pump
Portable Fire Extinguishers	2x2kg DCP,6x6kgDCP, 1x50kgDCP, 6x5kgCO2, 1x10kgco2
Non-Portable Fire Extinguishers	4 X fire blanket
Searchlights	2 x Pesch 2000 W
Gas Detection System	1 X 6 sensors
Fire Fighting	Fixed fire pump , Portable Fire Extinguisher

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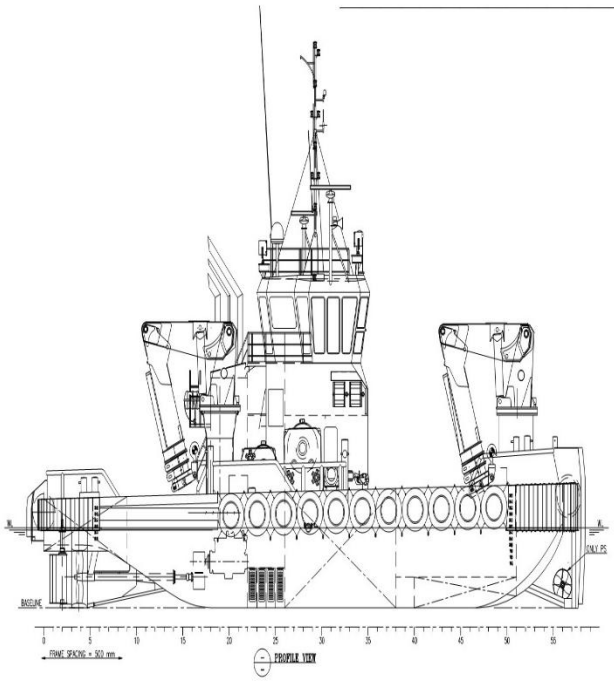
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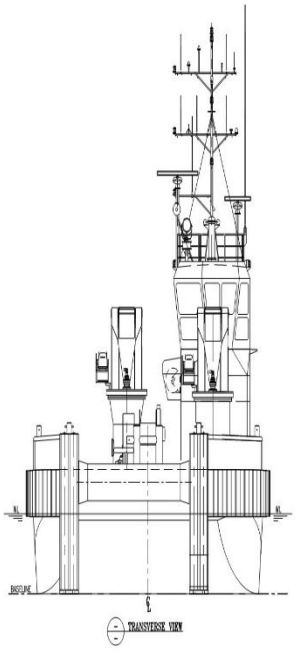
ALLIANZ ENTERPRISE

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STANFORD MARINE

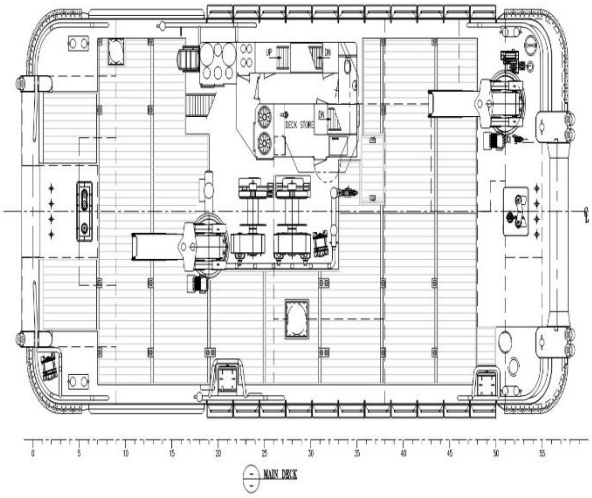
GENERAL ARRANGEMENT PLAN - ALLIANZ ENTERPRISE

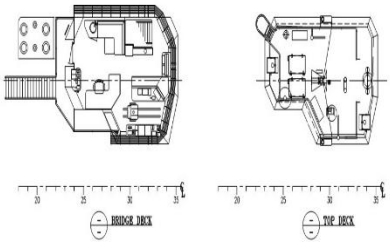




Bureau Veritas Marine & Offshore
Section 23261L.....
VU avec commentaires
Dubai, 07-Jan-2025

[Electronic document]
The plan approval office





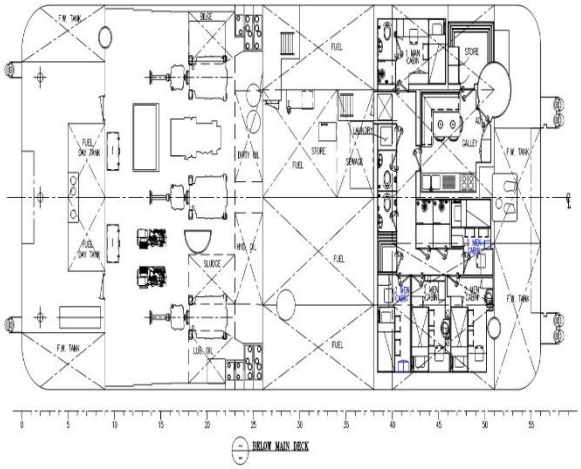
SEE TECHNICAL COMMENT
NO: EPO/365-01/24/F
DATED: 24-DEC-2024

GENERAL NOTE:
01. ALL DIMENSIONS ARE IN mm UNLESS SPECIFIED OTHERWISE
02. FRAME SPACING 500mm THROUGHOUT UNLESS SPECIFIED

SPECIAL NOTE:
01. THIS DRAWING IS PREPARED BASED ON THE EXISTING DRAWING "571602-000-001"
TO SHOW THE MODIFICATION DONE ON THE HIGHLIGHTED CABINS.
-1 MAN CABIN CHANGED TO 2 MEN CABIN

REFERENCE DWG.
01. 571602-000-001_GENERAL ARRANGEMENT PLAN

LEGEND
EXISTING STRUCTURE
NEW STRUCTURE



PRINCIPAL PARTICULARS

LENGTH (O.A.)	: 30.14	m
LENGTH (B.P.)	: 28.30	m
BEAM (MLD.)	: 12.50	m
DEPTH (MLD.)	: 3.79	m
DESIGN DRAFT	: 2.60	m
MAX. CREW ON BOARD	: 8 NOS.	
IMO NO.	: 9840130	

ALLIANZ ENTERPRISE

LID	REV	DATE	DESCRIPTION	REVISED BY	APPROVED
96793	A	26.11.24	INITIAL ISSUE	-	AD

DIVISIONS

ARIES OIL FIELD SERVICES L.L.C
PO BOX – 3965, WAREHOUSE #40
MUSSAFAH INDUSTRIAL AREA, ABU DHABI, U.A.E
Tel: +971(0)2 550 8893, Fax: +971(0)6 550 8996
Website: www.ariesmar.com, Email: designauh@ariesofs.ae

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TITLE:
GENERAL ARRANGEMENT PLAN

VESSEL NAME: ALLIANZ ENTERPRISE	DATE: 26.11.2024	DWG. No.: DU3975/2002	
DRAWN BY: SJD	JOB No.: DU3975	SHEET: 01 OF 01	
CHECKED BY: SK	SCALE: 1:100	REV: A	SIZE: A1

FILENAME: DU3975_2002_GENERAL ARRANGEMENT PLAN_REV-A.DWG

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