58.70 m / 5150 BHP / Anchor Handling Tug / Supply Fi-Fi 1 / DP1 Vessel

AOS HAULER

Atlantic Maritime Group FZE

www.atlanticnavigation.com

GENERAL PARTICULARS

Year of Build / Place	: 2010 / China
IMO Number	: 9592642
Call Sign	: J8B4338
Flag / Port of Registry	: St. Vincent & Grenadines / Kingstown
Class	: BV
Notation	: I ⊠ Hull ⊠ Mach, Tug, Supply Vessel Fire Fighting Ship 1 - Water Spraying, Special service – Anchor Handling, Unrestricted Navigation, ⊠ DYNAPOS – AM / AT
GRT / NRT	: 1537 / 461
Vessel Manager	: Atlantic Maritime Group

DIMENSIONS

Length OA	: 58.70 m
Length BP	: 53.20 m
Breadth	: 14.60 m
Depth	: 5.50 m
Draft (Maximum)	: 4.76 m
Displacement @ Max. Draft	: 2815.86 T
Deadweight	: 1439.67 T
Lightship	: 1376.20 T

MACHINERY

Main Engine	: 2 x Caterpillar 3516 B @ 1600 RPM Total: 5150 BHP; 3840 kW
Gear Box	: Reintjes
Main Generator	: 3 x Caterpillar C18, 492 kW (Each), 415 V, 50 Hz
Emergency Generators	: 1 x Caterpillar, C4.4 DITA, 74.5 KW, 415 V, 50 Hz
Propellers	: 2 x BERG; CPP, 213 RPM
Bow Thrusters	: 1 x Kawasaki, 515 kW, 8 T Thrust, CPP

FIRE FIGHTING & SAFETY EQUIPMENT

Fi-Fi Pumps	: 2 x 1500 m3 / hr @ 128 m Head
Fi-Fi Monitors	: 2 x 1200 m3 / hr with Remote Control
Fixed CO2 System	: In Engine Room
Rescue Boat & Davit	: 1 x 6 Pax (Open Type) & 14 KN Single Arm Davit
Life Rafts	: 6 x 25 Pax (Inflatable – Throw Type)
Life Buoys	: 8 Nos
Fire Hydrants	: 20 Nos (12 x 40 A & 8 x 50 A)
Life Jackets	: 53 Nos

DECK MACHINERY & EQUIPMENT

Windlass	: 1 x Mentrade; Hydraulic; 10 Tons @ 9 m / min Double Gypsies with Double Warping Ends
Capstans	: 2 x Mentrade; Hydraulic; 5 T @ 15 m / min
Anchors	: 2 x 1305 KG WMAC-14, Anchor
Chains	: 12 Shots each side 660 m x 40 mm
Anchor Handling / Towing Winch	: 1 x Mentrade; Hydraulic Driven; Double Drum Waterfall Line Pull @ 150 T & Brake Holding @ 200 T
Tugger Winch	: 2 x Mentrade; Hydraulic Driven; 10 T each @ 15 m / min
Shark Jaw	: Hydraulic Operated Karm Fork; SWL – 200 T
Towing Pin	: 2 x Karmoy; Max. Line Load – 200 T
Stern Roller	: 1 x 200 MT; 5 m (Length) x 1.5 m (Diameter)

DP SYSTEM

Make	: Kongsberg DP 1 (c-Pos)
	: 1 x cJoy
	2 x DGPS

CAPACITIES & PERFORMANCE

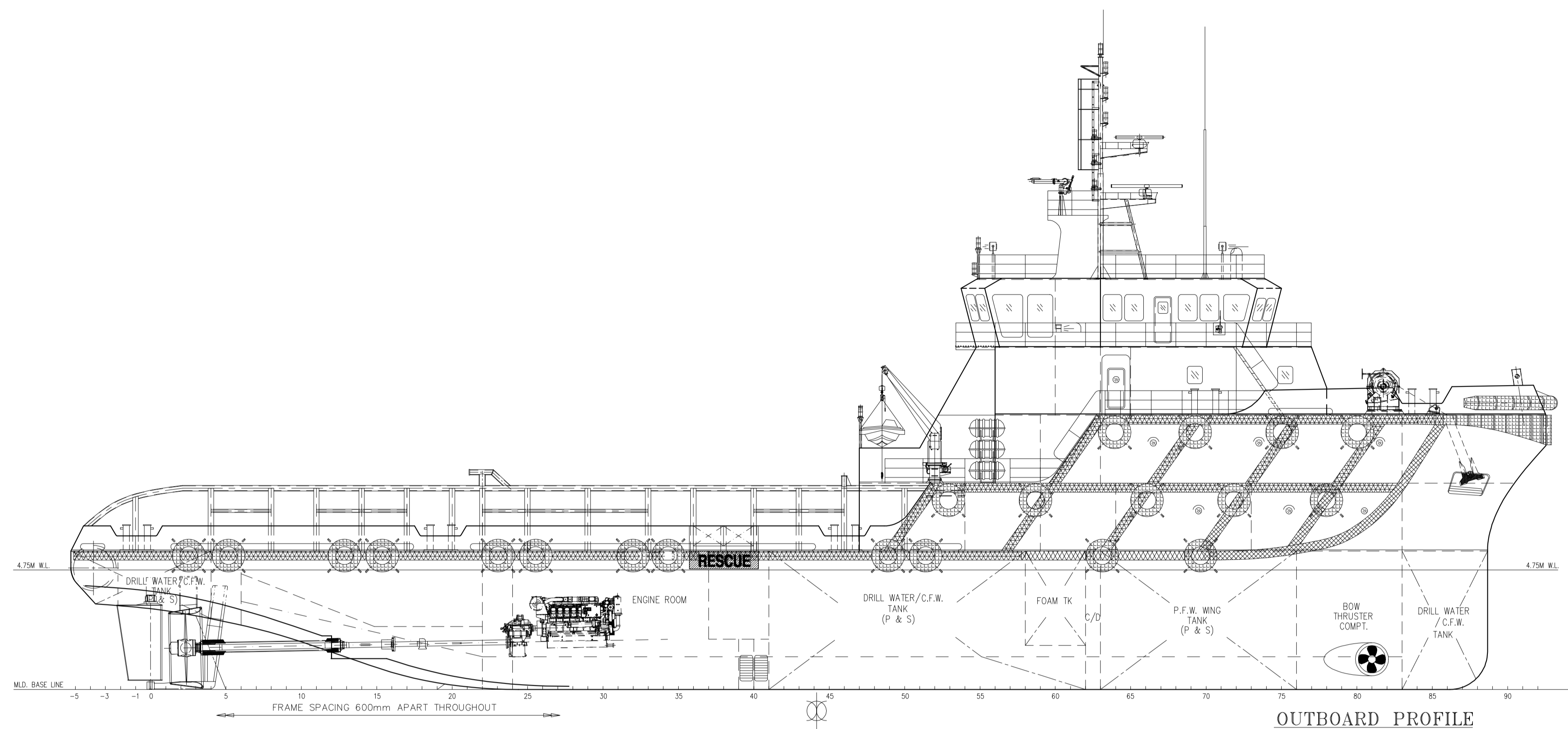|	
Potable Fresh Water	: 234.21 m3
Fuel Oil	: 474.06 m3
Drill Water / Cargo Fresh Water	: 465.06 m3
Mud Tank	: 259.24 m3
Bulk Storage Tank	: 186.88 m3
Foam and Dispersant Tank	: 13.46 m3 (Each)
Bilge Pump	: 2 x 75 m3 / hr @ 40 m Head
Fire / GS Pump	: 1 x 75 m3 / hr @ 40 m Head
Fresh Water Cargo Pump	: 1 x 100 m3 / hr @ 75 m Head
Drill Water / Cargo Fresh Water Pump	: 1 x 100 m3 / hr @ 75 m Head
Cargo Fuel Oil	: 1 x 150 m3 / hr @ 75 m Head
Mud Pump	: 2 x 70 m3 / hr @ 75 m Head
Deck Cargo Space	: 370 m2
Design Deck Load	: 7.0 T / m2
Deck Cargo Capacity	: 550 T
Speed	: 12.5 knots
Fuel Consumption	: 11 m3 / day @ CSR 18 m3 / day @ MCR
Bollard Pull	: 66.90 MT
Compressed Air System	: 5.6 kg / cm2 (80 psi)
Sewage Treatment Plant	: 42 Persons
Oily Water Separator	: USHC -10; Supply Pump 1 x 1.0 m3 / hr
Fresh Water Maker	: ENWA; Capacity - 5.5 m3 / day
Chiller & Freezer	: 1 Month for 42 Persons
Dispersant System	: Available
Power Supply Sockets (Deck)	: 4 x 415 V; 2 x 220 V @ 32 Amps

NAVIGATION & COMMUNICATION EQUIPMENT

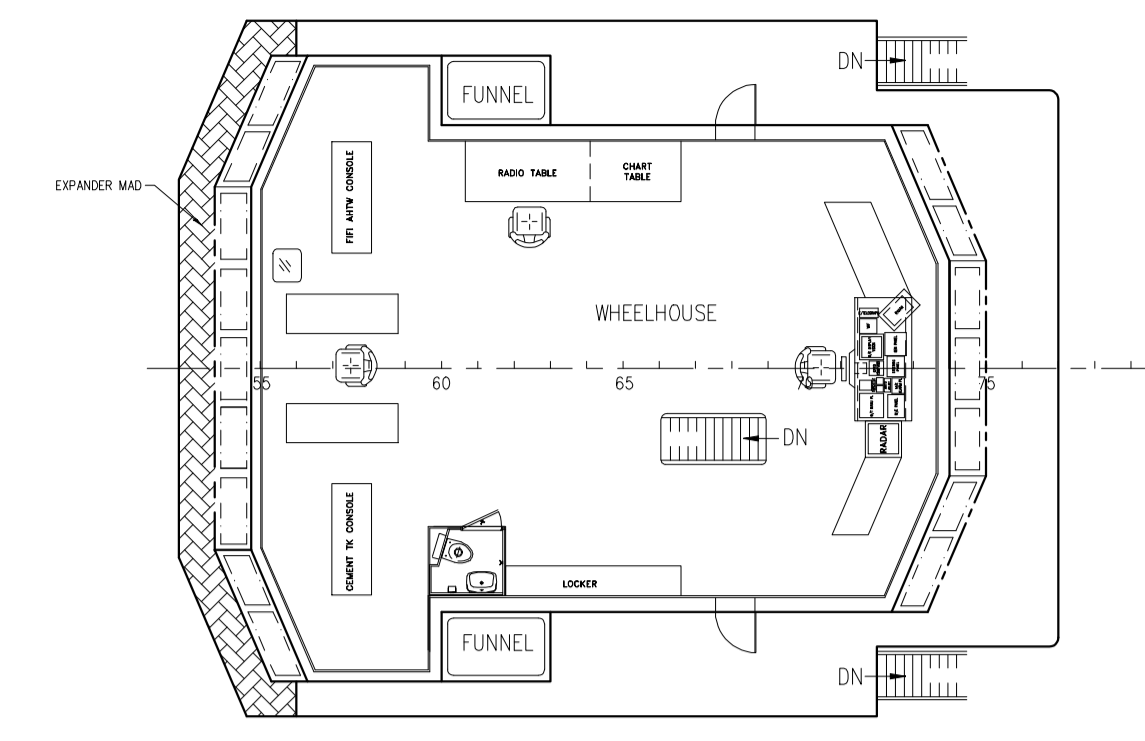|	
Fixed VHF	: 2 x Furuno – FM – 8800S
Portable VHF (GMDSS)	: 2 x McMurdo R2 & 1 x McMurdo R5
MF/ HF/ DSC	: 1 x Furuno – FS – 2571C
Navtex	: 1 x Furuno – NX – 700
Auto Pilot	: 1 x Anschutz Nauto Pilot NP 60
Magnetic Compass	: 1 x Saura Keiki MR-150
Gyro Compass	: 2 x Simrad GC 80
AIS	: 1 x Furuno – FA – 150
GPS	: 1 x Furuno / GPS Navigator / GP–150
EGC	: 1 x Furuno – Felcom 15
SSAS	: 1 x Furuno – Felcom 15
GMDSS	: Area A1 + A2 + A3
Inmarsat C	: 2 x Furuno Felcom 15
Radar	: 2 x Furuno (X & S Band) – FAR 21X7 / 1942 MARK2
EPIRB	: 1 x McMurdo E5
SART	: 2 x McMurdo S4
Intercom/ P.A System	: Jotron Phontech SPA 1501
Satcom	: Mini V - Sat Broadband

ACCOMMODATION

1 Man Cabin	: 2 Nos
2 Man Cabin	: 4 Nos
4 Man Cabin	: 8 Nos
Total	: 42 Person
Hospital	: 1 No
Recreation Room	: 1 No
Mess Room	: 1 No
Office	: 1 No

All Cabins are Fully Air Conditioned

SPECIFICATIONS ARE NOT CONTRACTUAL AND SUBJECTED TO CHANGE WITHOUT NOTICE
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Revision 02.2022

NAV. BRIDGE DECK
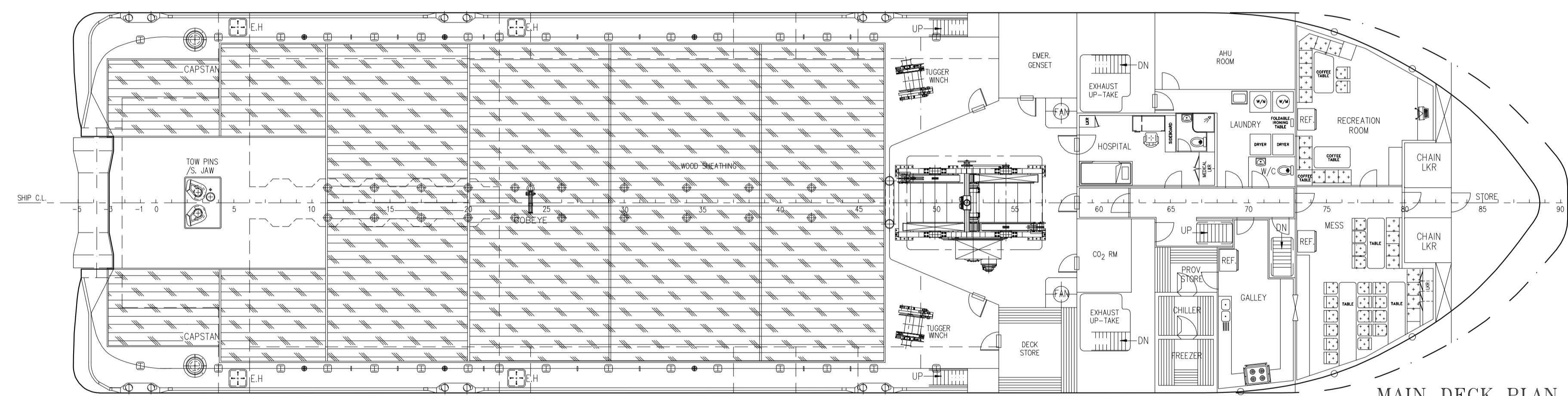
OUTBOARD PROFILE
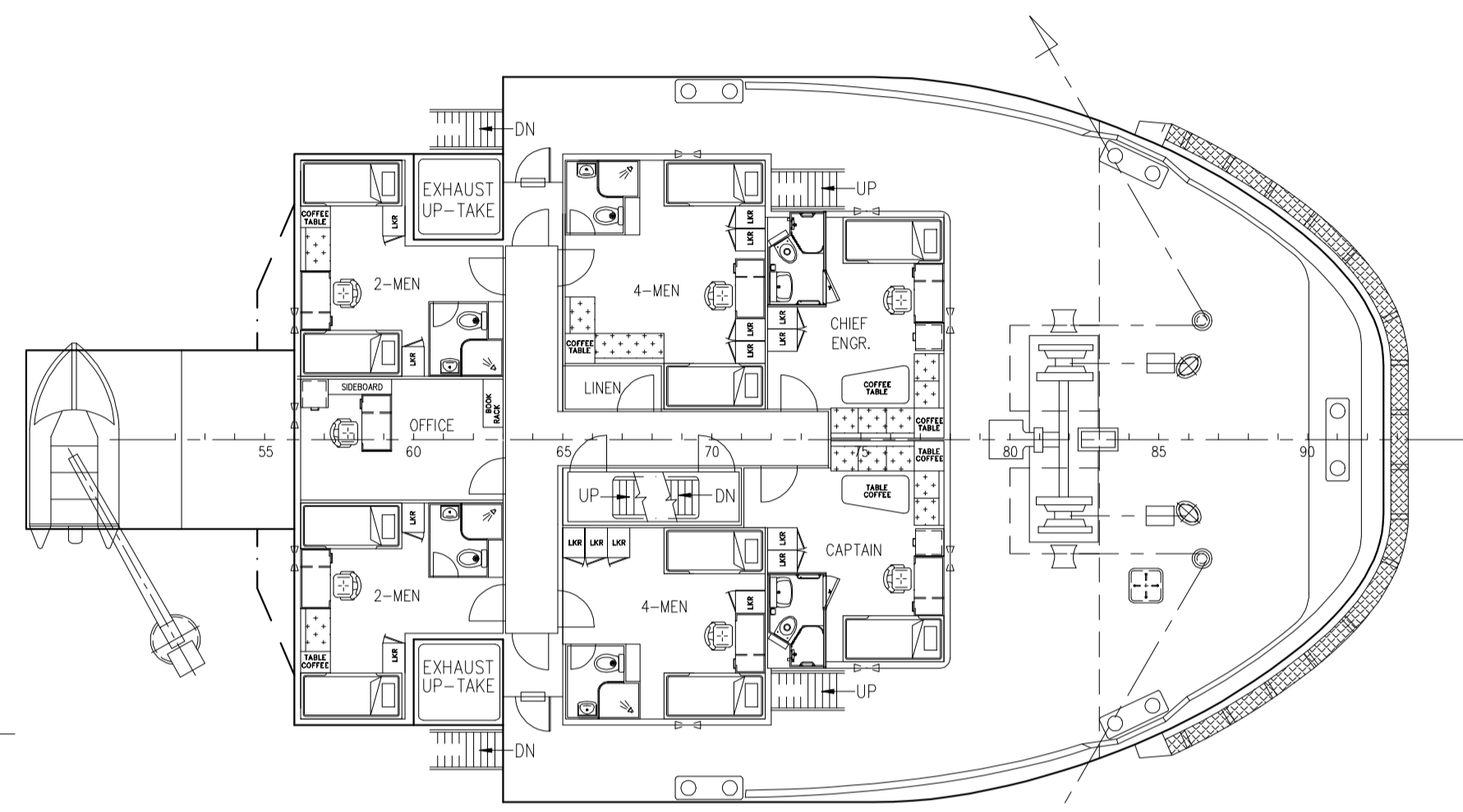
UPPER FORECASTLE DECK

MAIN DECK PLAN
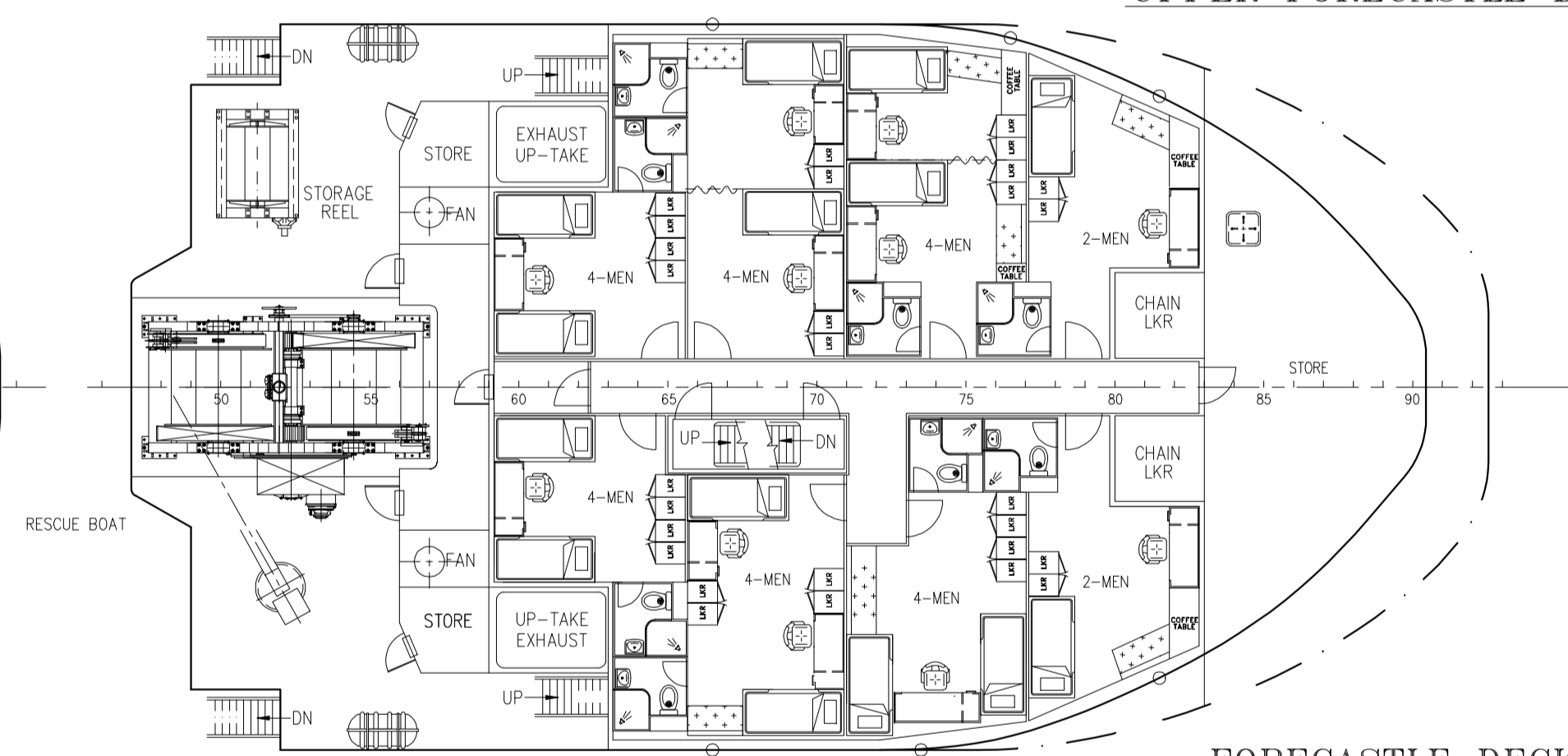
FORECASTLE DECK
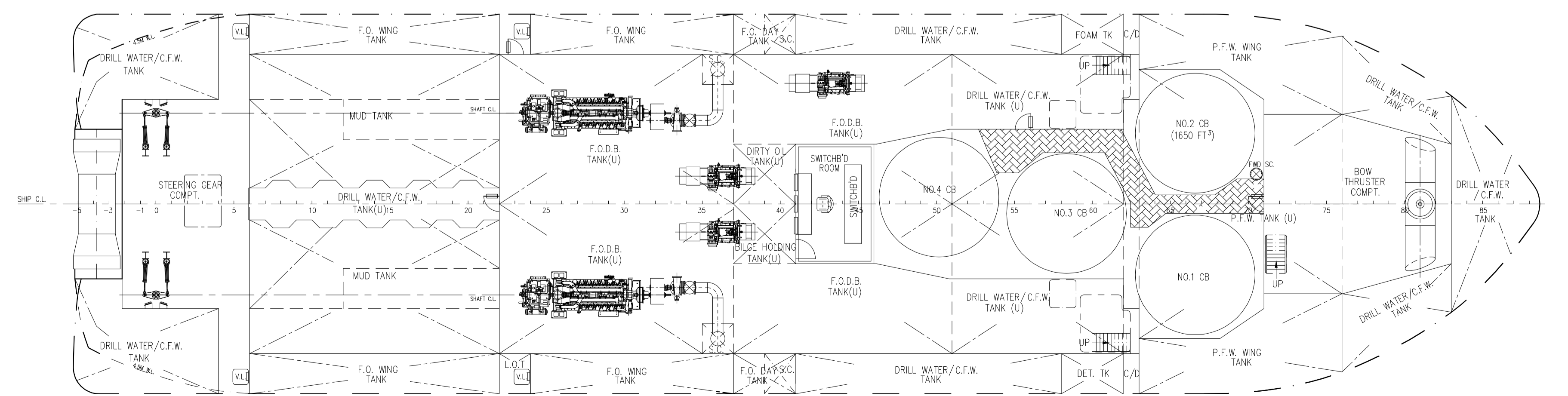
BELOW MAIN DECK PLAN

PRINCIPAL DIMENSIONS

LENGTH OVERALL	58.70	M
LENGTH WATERLINE	56.37	M
LENGTH BETWEEN PERPENDICULARS	53.20	M
BREADTH MOULDED	14.60	M
DEPTH MOULDED	5.50	M
MAX. DRAFT MOULDED	4.75	M
ACCOMMODATION	42	MEN
FUEL OIL	473	M^3
POTABLE FRESH WATER	234	M^3
DRILL WATER/CARGO FRESH WATER	465	M^3
MUD (S.G. - 2.5)	259	M^3
DRY BULK TANKS(4 x 1650 FT^3 = 6600 FT^3)	187	M^3
CLEAR DECK AREA (DECK LOADING = 7 T/M^2)	375	M^2
TOTAL POWER	2 x 2575	BHP
BOLLARD PULL	60	TONNS
SPEED	13.5	KNOTS

Bureau Veritas Marine & Offshore
Section 16092T.........
VU
Dubai, 15-Sep-2020
[Electronic document]
The plan approval office

REV.	DATE	MARK	ZONE	DESCRIPTION	MOD.BY	CKD.BY
0	20.06.2020	--	--	ISSUED FOR REVIEW	RAG	RS

REVISIONS

CLIENT	ATLANTIC MARITIME GROUP FZE	SHIP AOS HAULER

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VEDAM DESIGN & TECHNICAL CONSULTANCY

TITLE
GENERAL ARRANGEMENT PLAN

SCALE 1:125	DRAWN RAG	CHECKED RS	HULL NUMBER --	DRAWING NUMBER V953-G-01	REV 0
SIZE: A1	VERIFIED ROY	DATE:- 20/06/2020		SHEET:- 1 OF 1	

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