VOS APOLLO

GENERAL	
Place of Build	Fujian South East Shipyard, China
Vessel Type	AHTS
Year Built	2011
Flag	Singapore
Call Sign	9V8667
Class	ABS FIFI 1 DPS 1

PRINCIPLE DIMENSIONS	
Length Overall	59.25 metres
Beam	14.95 metres
Maximum Draft	4.95 metres
Net Registered Tonnage	503
Gross Registered Tonnage	1678

MACHINERY & PROPULSION	
Main Propulsion Number	2
Main Propulsion Type	CAT 3516B Diesel
Total BHP	5150
Propellers	2 x CPP in Fixed Kort Nozzles
Bow Thruster	1 X Kawasaki KT-72B3 - 515KW 8 TONS
Stern Thruster	1 x Kawasaki KT-55B3 - 390KW 6 TONS
Main Generators	2 x CAT C18 350KW
Shaft Generators	2 x 800KW
Emergency Generators	1 x CAT 65KW
Rudders	Standard

PERFORMANCES	
Fuel Consumption at Max Speed	18 m3 per day @ 13 knots
Fuel Consumption at Service Speed	10 m3 per day @ 10 knots
Towing	20 m3 per day
Standby	1 m3 per day
Fuel Type	ISO 8217: 2005 DMA or later revisions

CARGO CAPABILITIES	
Fresh Water	**360 m3** @ 100m3 per hr at 75m head
Drill Water	**400 m3** @ 100m3 per hr at 75m head
Fuel Capacity (100%)	**535 m3** @ 150m3 per hr at 75m head
Liquid Mud	**378 m3** @ 70m3 per hr
Dry Bulk	4 X 1650 cu ft each, total 6,600 cu ft
Dead Weight	1360 tons
Clear Deck Area	25m x 12.5m = 350 Square Metres
Deck Cargo	500 tons

ACCOMMODATION	
Crew	12
Passengers	28 (1 x 2 berth) & (7 x 4 berth) **Total 40**

COMMUNICATIONS EQUIPMENT	
HF radio	FURUNO RC-1500-1T 400W
VHF Radio	2 x FURUNO
Portable VHF Radio's	3 x FURUNO
Satellite Communications (Voice and Fax)	V-SAT
E.P.I.R.B	McMurdo 406
GMDSS Compliance	Area A3

NAVIGATION EQUIPMENT	
Radar No. 1	Furuno x-band (21" screen)
Radar No. 2	Furuno x-band (15" screen)
GPS	GP 150
Echo Sounder	Furuno FE 702
Navtex	NX 700
Auto Pilot	Nautopilot NP 60
Gyro Compass	Anchutz STD 22
DP System	Kongsberg

DECK MACHINERY	
Tugger Winch	2 x 10 tons @ 15m/min
Capstan	2 x 5 tons @ 15m/min
Deck Crane	1 x 3 tonnes @ 9 m

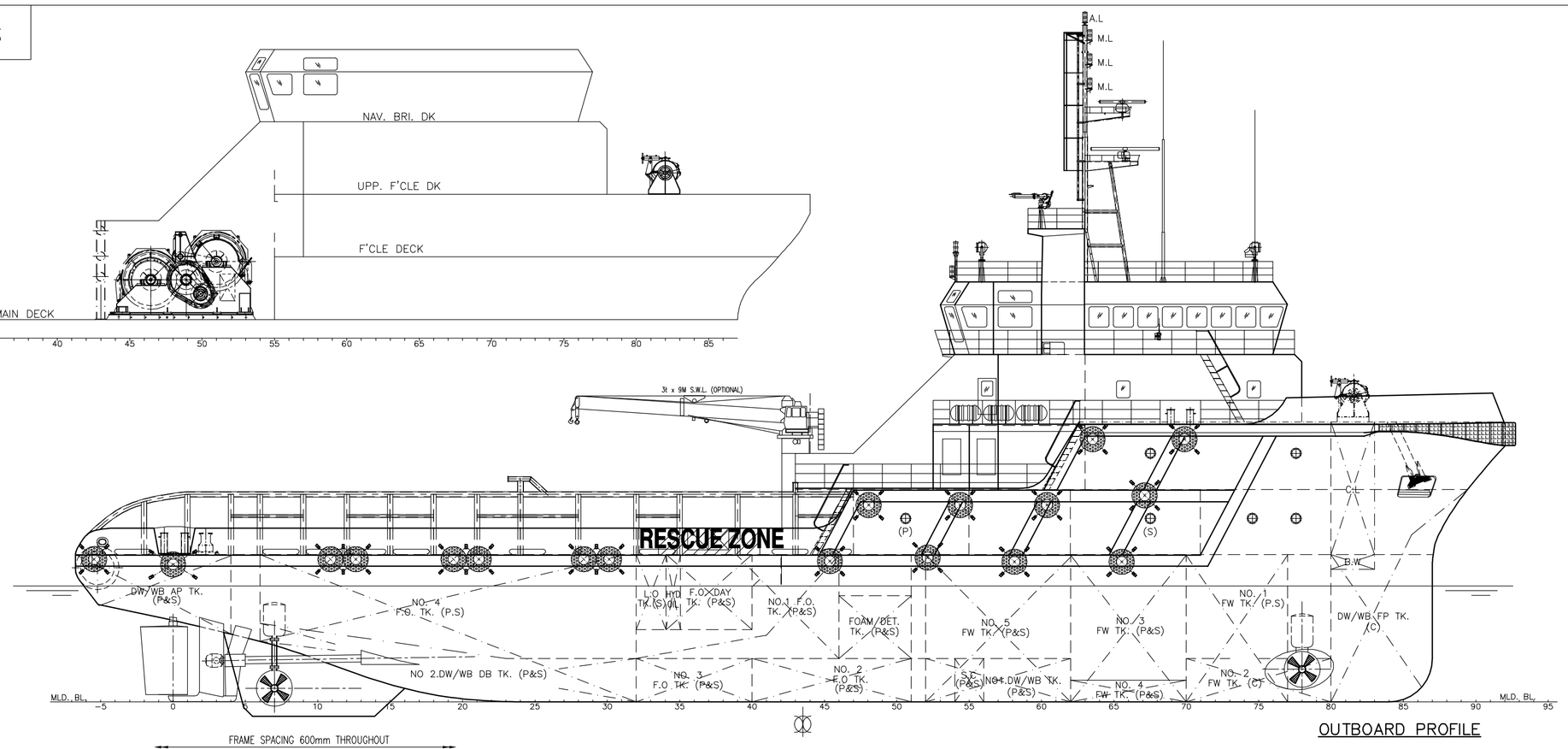
TOWING & ANCHOR HANDLING	
Bollard Pull	67.6 tons
Winch	Plimsoll Waterfall Type
Line Pull	150 tons
Brake Capacity	200 tons
Anchor Handling Wire and Towing Wire	100m and 1000m x 56mm
Anchor Handling Wire Capacity	100 m x 56 mm
Tow Drum Capacity	1000 m x 56 mm
Spare Tow Wire Capacity	1000 m x 56 mm
Stern Roller	4.0 m x 1.6 m - SWL 200 tonnes
Tow Pins	2 x Closed Top Type SWL 200T
Shark Jaws	Shark Jaws - SWL 200T

LIFE SAVING APPARATUS	
Liferafts	Total 6, capacity 150 men
Rescue Boat	25 HP OBM, capacity 6 men

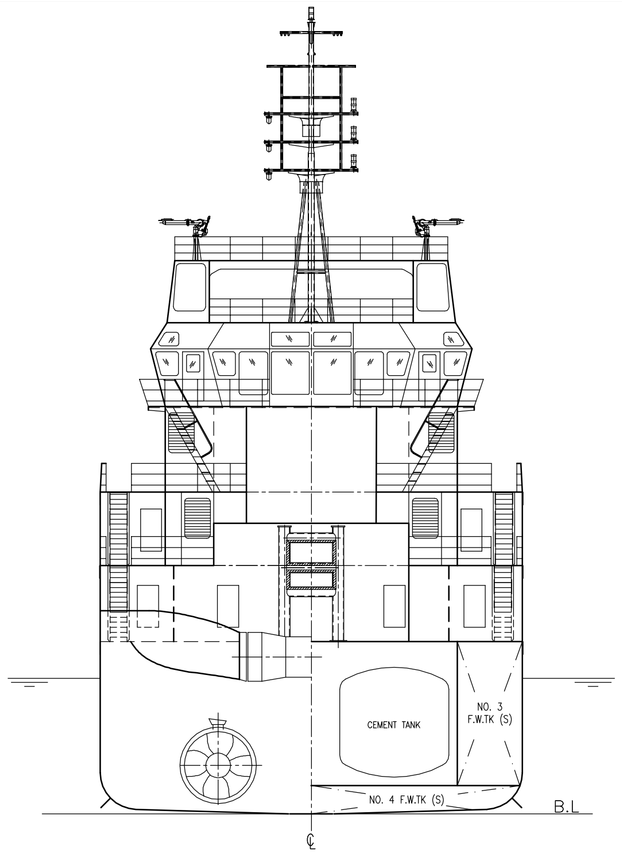
EXTERNAL FIRE FIGHTING	
Capacity	FIFI 1 - 2 x 1200 cu m per hr
Monitor	2
Throw x Height	120 m x 50 m

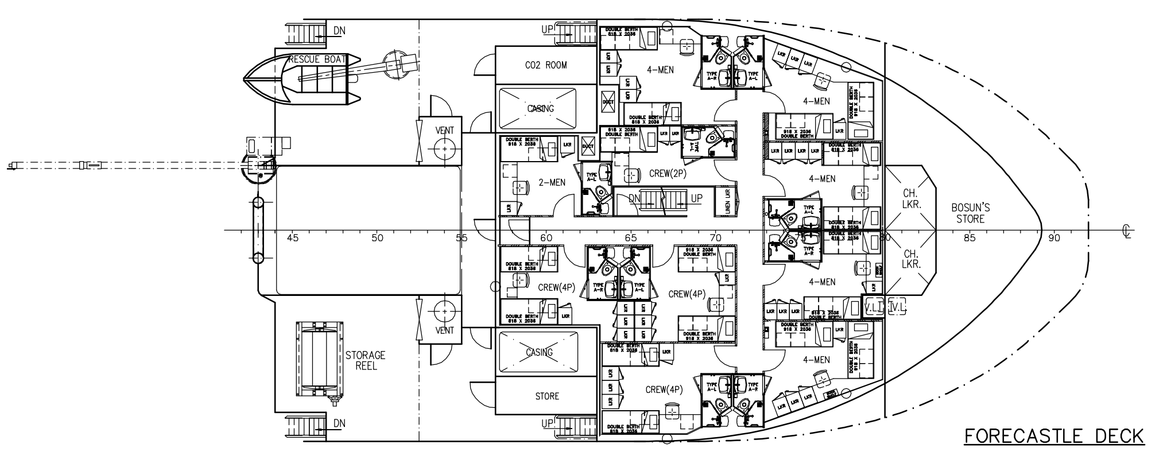
This technical specification sheet is subject to change without notice. Whilst every effort has been made to ensure that accuracy of the information represented within this document, no guarantees of accuracy can be given.

SE634-100-01

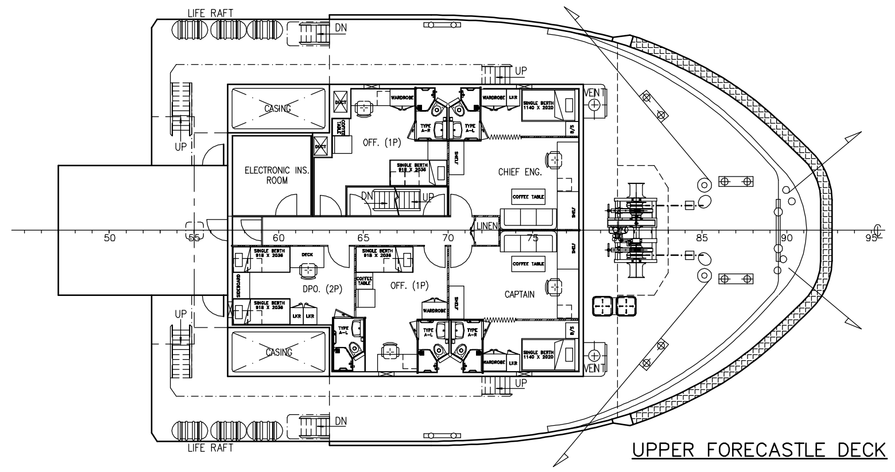


OUTBOARD PROFILE

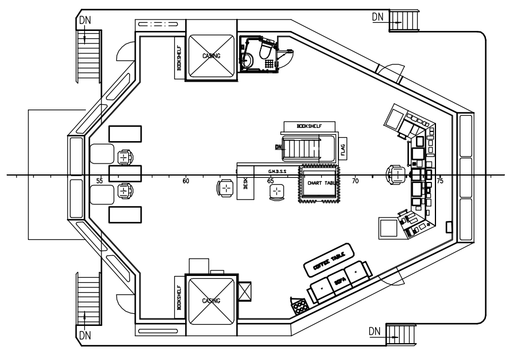




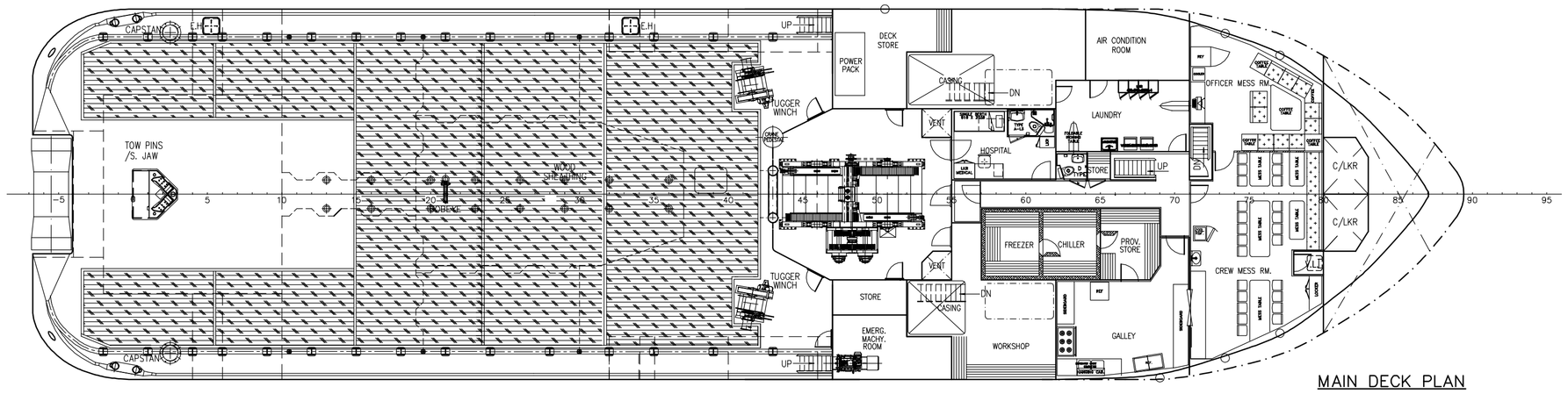
FORECASTLE DECK



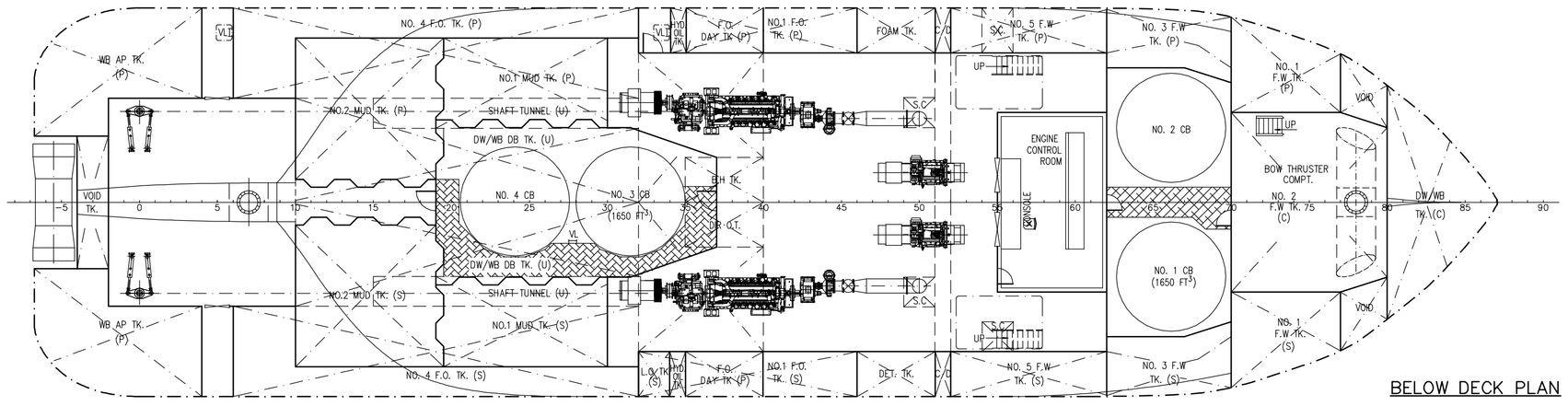
UPPER FORECASTLE DECK



BRIDGE DECK PLAN



MAIN DECK PLAN



BELOW DECK PLAN

PRINCIPAL DIMENSIONS

LENGTH (O.A.)	59.250 M
LENGTH (W.L.)	56.000 M
LENGTH (B.P.)	52.200 M
BEAM (MLD.)	14.950 M
DEPTH (MLD.)	6.100 M
DESIGN DRAFT	4.950 M
FUEL OIL	540 M^3
FRESH WATER	300 M^3
DRILL WATER / W.B.	400 M^3
MUD	385 M^3
CLEAR DECK AREA	320 M^2
DECK CARGO (DECK LOADING = 7.5T/M^2)	500 TONS
DRY BULK TANKS (4x1650 FT^3)	187 M^3
MAIN PROPULSION ENGINE	2 X 2575 BHP
SPEED (TRIALS)	13.0 KNOTS
BOLLARD PULL	62 TONS
COMPLEMENT	42 MEN

CLASS & NOTATION : ABS ✠ A1 Ⓔ "TOWING VESSEL, FIRE FIGHTING VESSEL CLASS 1, OFFSHORE SUPPORT VESSEL" + AMS +DPS-1

标记 MARK	数量 QTY.	修改单号 MODIFICATION NO.	签字 SIGNATURE	日期 DATE
5				
4				
3				
2				
1				
设计 DESIGN				
校对 CHECK				
审核 EXAMINE & VERIFY				
审定 EXAMINE & APPROVE				

59m多用途拖缆供应船
59m MULTI-PURPOSE OFFSHORE SUPPLY/ ANCHOR HANDLING VESSEL

GENERAL ARRANGEMENT
总布置图

材料 MATERIAL | 会签

生产设计 PRODUCTION DESIGN
SE634-100-01
DN59M-74/75
入级船级社 CLASS: ABS

修改版本 REV.	重量 WEIG. (kg)	比例 SCALE
R0		1:150

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福建省东南造船厂
FUJIAN SOUTHEAST SHIPYARD