

M.V. SALVIN PRINCESS

85M MAINTENANCE/WORKING VESSEL (238 Men Accom/ 100 MT crane)



General

Flag: Malaysia
Port of Registry: Port Kelang
IMO No: 9708409
Call Sign: 9MWY6
Where Built: Jiangsu Zhenjiang Shipyard (Group) Co.Ltd
Year Built: 2015 Completed
Length OA: 85.00 m
Breadth Moulded: 23.00 m
Depth Moulded: 8.00 m
Draft (Minimum): 5.00 m
Draft (Design): 6.20 m
Gross Tonnage: 6464
Net Tonnage: 1939
Deadweight: About 3,800t
Classification: RINA C+ OFFSHORE SUPPORT VESSEL
 FIRE FIGHTING SHIP 1, UNRESTRICTED
 NAVIGATION, AUT-UMS, DYNAPOS-DP2
 HELIDECK,

Machinery

Main Engines: 2 X 3000HP @750rpm c/w PTO for fire pump
Azimuth Propeller & Shaft: 2 x 3000HP input power, CPP type
Bow Thruster & VFD starter: 2 x 12ton, CPP type, electric motor driven
 1 x 500-600kW VFD starter for two bow Thrusters.
Main generating set: 5 x 715kW, 440V/3P/60Hz
Emergency diesel generator: 1 x 200kW, 440V 3P / 60Hz

Deck Equipment

Main Crane: SWL 100T. Power pack (Diesel engine)
 Man Riding with Client supplied PTB
4-Point Mooring System: Drum Pull (1st Layer):
 40t x 0-10m/min (low speed),
 10t x 0-30m/min (high speed)
 Drum Capacity: 1500m, Dia.42m wire
 10ton at 9m/min for 50mm chain.
Anchor Windlass: 2 x 5ton @ 15m/min
Capstan: 2 x 10ton @ 12m/min
Tugger Winch: 2 x 10ton @ 12m/min
Gangway: For jetty use only 6 mtrs aluminium type
DP2: MARINE TECHNOLOGIES NORWAY
HIPAP Valve: Valve type: Gate valve.
 Gate valve flange: 500mm
Incinerator: 180000Kcal/h

Tank Capacity

Fresh water: 1200 m³
Fuel oil: 1800 m³ (incl. cargo FO less than 1000 m³)
Water ballast (incl.DW): 2500 m³
Drill water: 2150 m³
Foam: 10 m³
Sewage Holding: 50 m³
Dirty oil: 15 m³
Bilge: 30 m³

Wooden deck space: Abt. 700 m², design load 7.5t/m²

Freshwater maker & UV 2 x 50t/day with UV sterilizer

Sewage treatment plant: 240 persons

Safety Equipment

Life Boat: 2 x 120 men life boat c/w side launching Davit
Fast Rescue Boat: 2 x 6 men diesel-water jet boat c/w single Arm davit
External Fire-fighting: FiFi1 pumps 2 x 1850m³/h@125m
 Monitors 2 xx 1200m³/h (one of them is Dual barrel water/foam)

Navigation & Communication

Navigation & communication equipment for GMDSS A3.
 Auto-pilot, Gyro-compass, Magnetic compass, radars, echo-sounder, speed log,
 Electronic chart, 2 x DGPS, navigation lights

Helideck System: Helideck pancake made from Aluminium
 Landing net
 Foam system
 Fire extinguisher
 Fireman's equipment
 Helideck lighting system
 Helideck status light system
 Helideck crash equipment locker

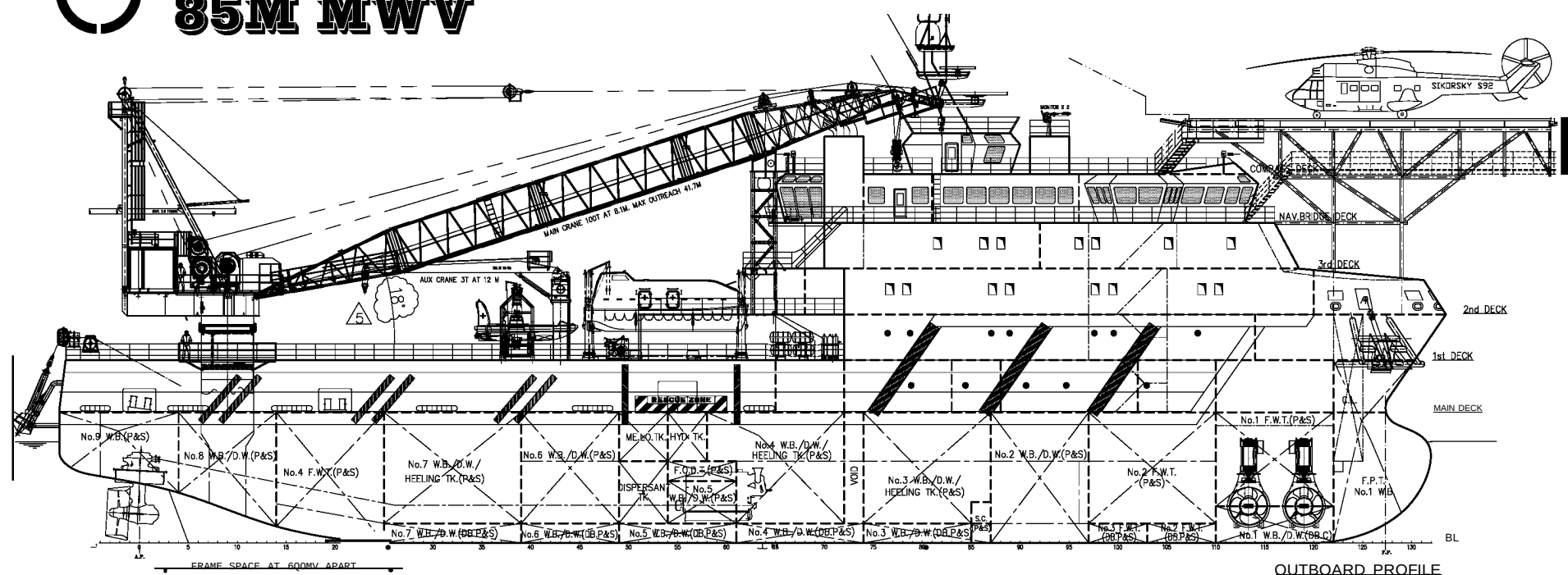
Speed

Trial Speed: 11 knots at trial condition, 100%MCR, at 4.8m Draft and sea state two (2)

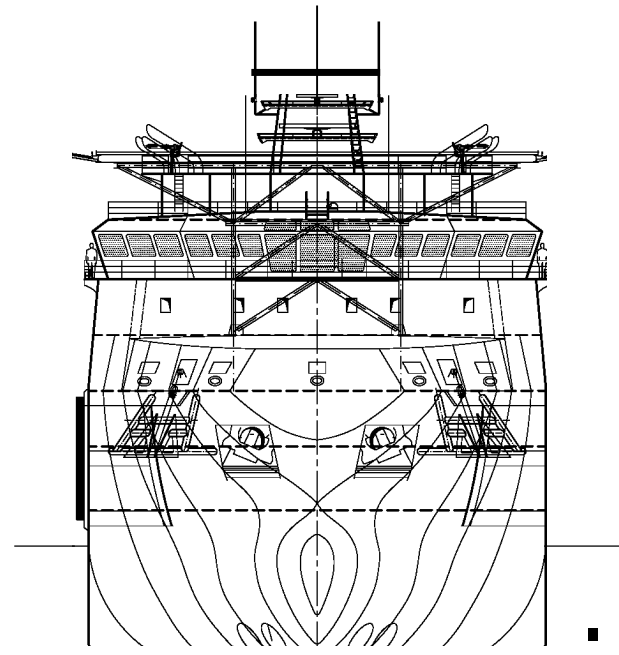
Accommodation

8 x 1-berth cabins: 8 men
9 x 2-berth cabins: 18 men
53 x 4-berth cabins: 212 men
Total: 238 men

FOCAL 527 85M MWV



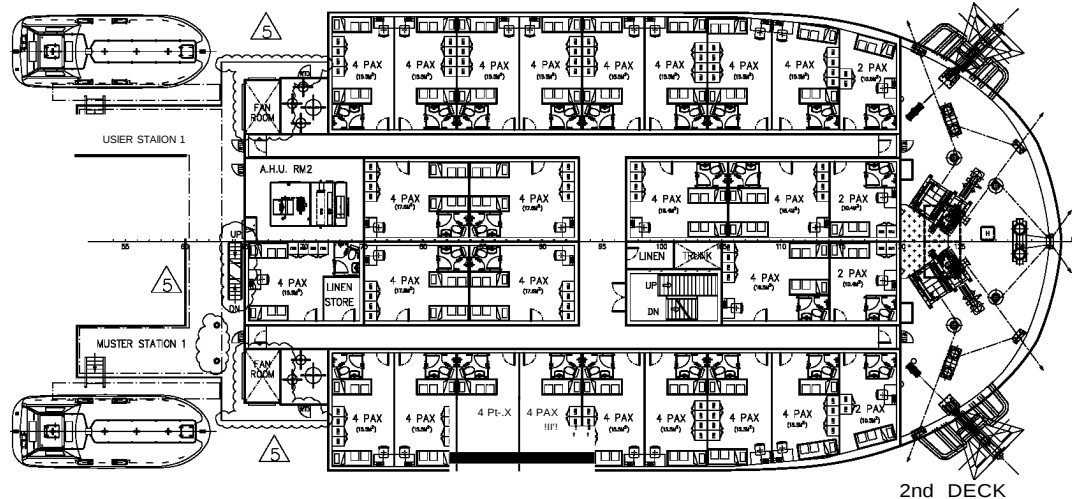
OUTBOARD PROFILE



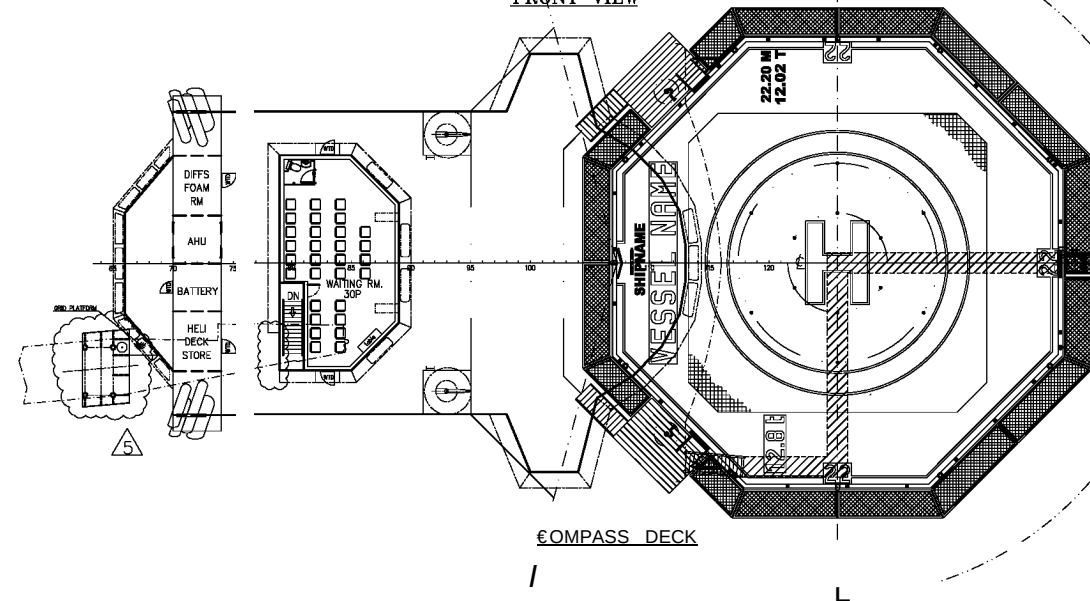
FRONT VIEW

PRINCIPAL PARTICULARS

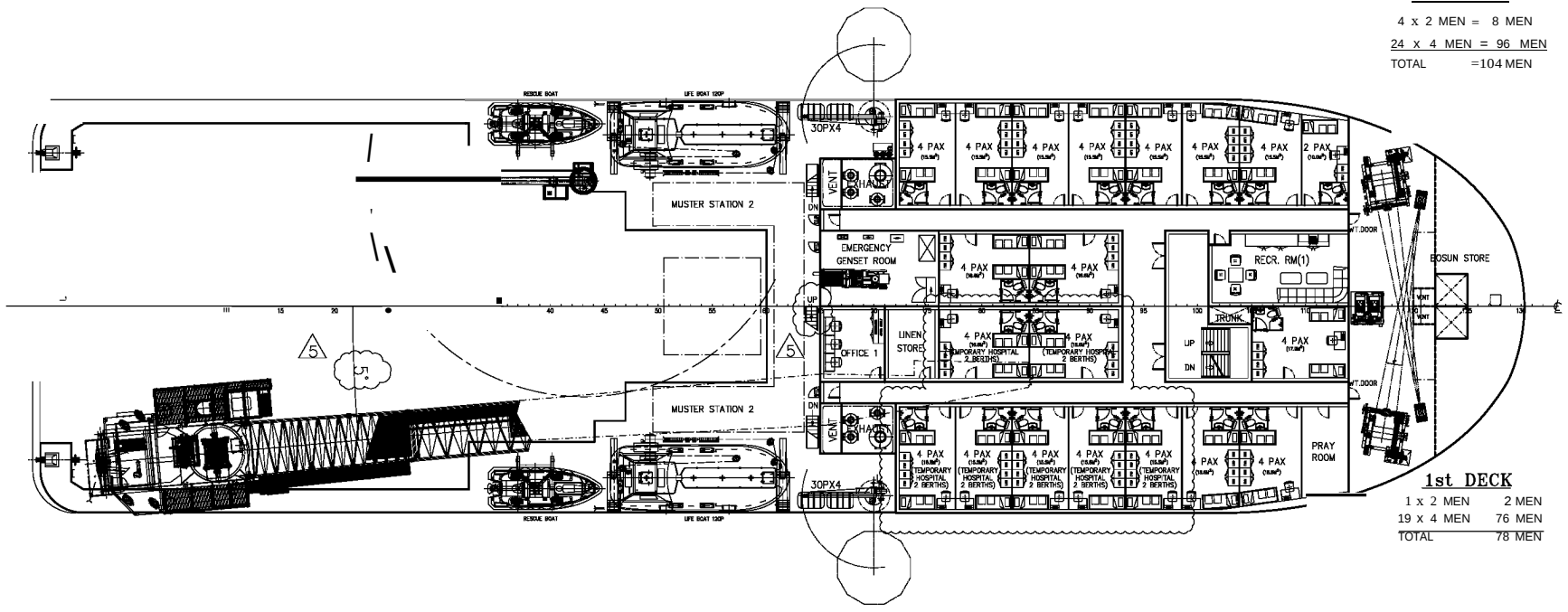
LENGTH OA	85.00 M
LENGTH BP	76.40 M
BEAM MLD	23.00 M
DEPTH MLD	8.00 M
DRAFT DESIGNED	6.00 M
DRAFT SCANTLING	6.20 M
COMPLEMENT	238 MEN
F.O.	1,800 M ³
F.W.	1,200 M ³
W.B.(INCL.D.W.)	2,500 M ³
D.W.	2,150 M ³
WORKING DK SPACE	900 M ²
MAIN ENGINE	2,206 KW X 2
TRIAL SPEED	11.0 KTS



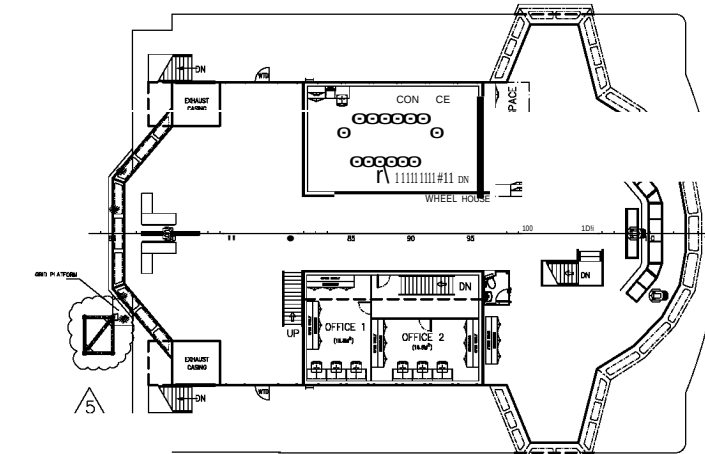
2nd DECK
4 x 2 MEN = 8 MEN
24 x 4 MEN = 96 MEN
TOTAL = 104 MEN



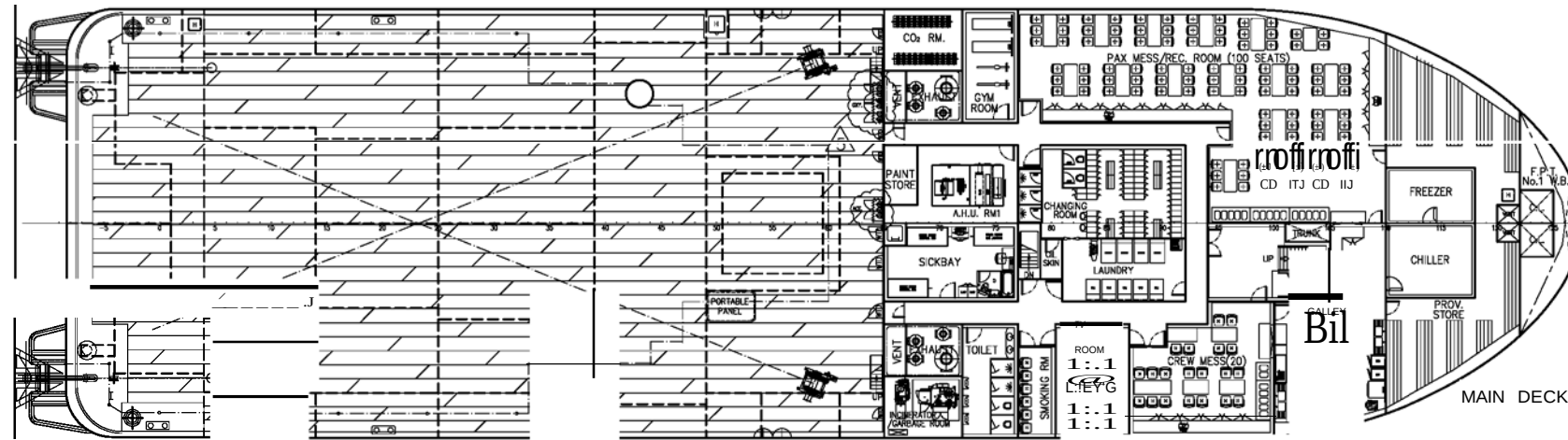
COMPASS DECK



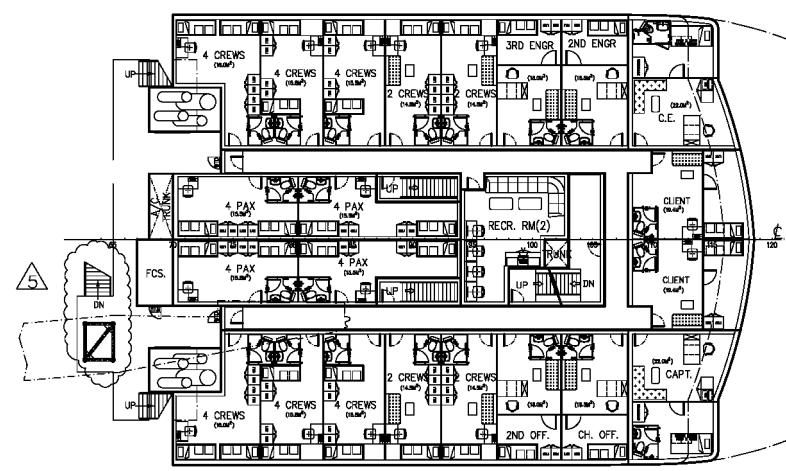
1st DECK
1 x 2 MEN = 2 MEN
19 x 4 MEN = 76 MEN
TOTAL = 78 MEN



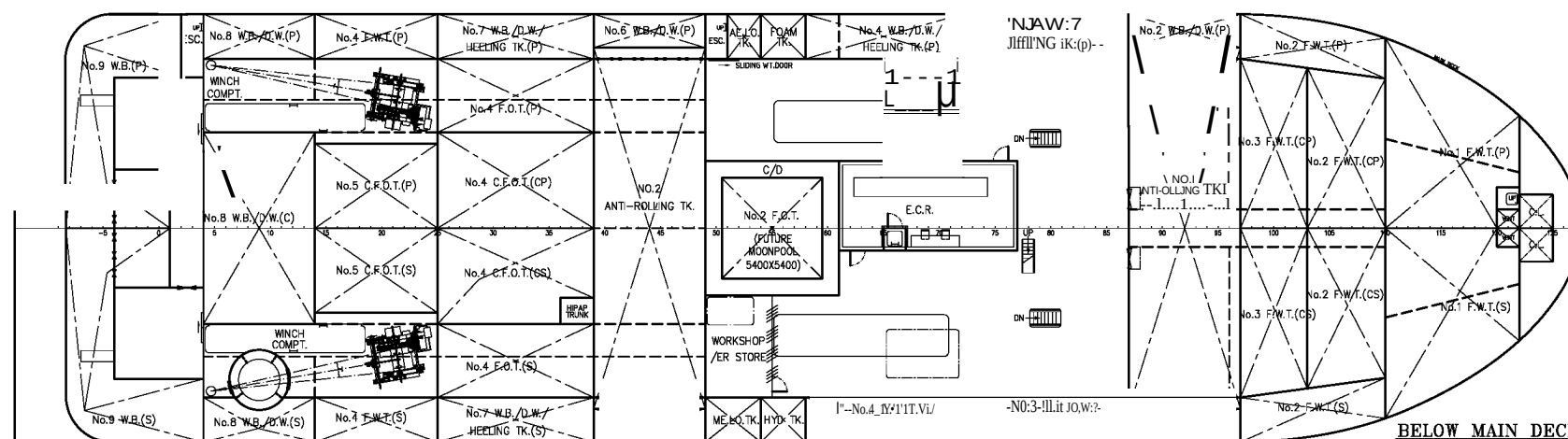
NAVY BRIDGE DECK



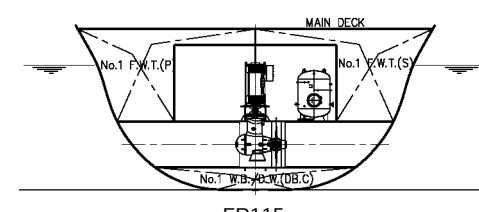
MAIN DECK



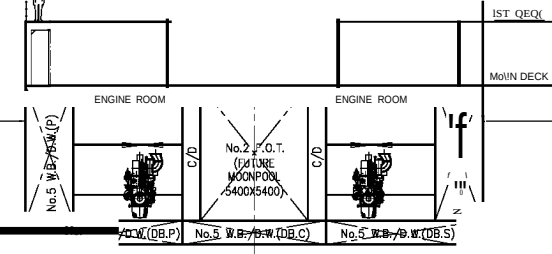
3rd DECK
8 x 1 MEN = 8 MEN
4 x 2 MEN = 8 MEN
10 x 4 MEN = 40 MEN
TOTAL = 56 MEN



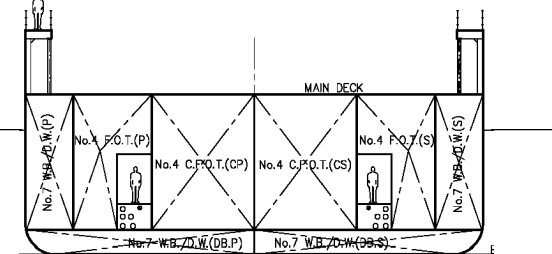
BELOW MAIN DECK



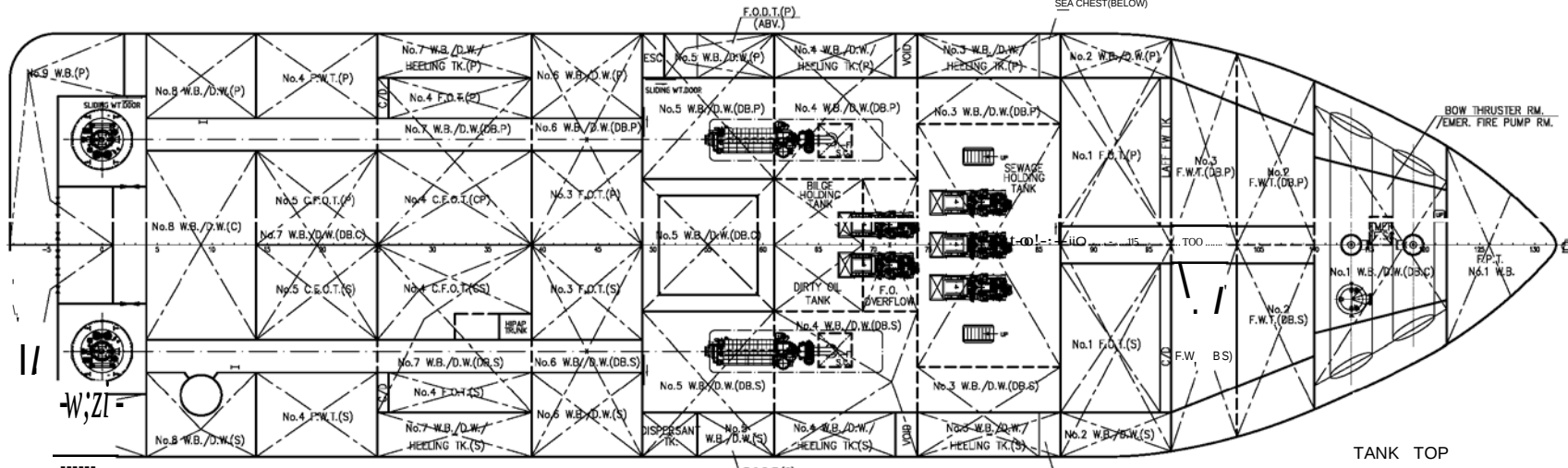
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FR55



FR33



TANK TOP

ISSUED FOR APPROVAL

CLASS: ABS IIA1 (I) OFFSHORE SUPPORT VESSEL

- FFV 1
- SPS
- IIA DPS-2
- Accu
- IIAVIS
- BWT
- UWILD
- CRC
- GP
- MLC-ACCOM
- HELIDK

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4b	AMENDED AS PER YARD/OWNER COMMENTS	N.K.	JAN-10-2014
4a	AMENDED AS PER DESIGN PROGRESS	N.K.	JAN-10-2014
REV NO.	REVISION DESCRIPTION	BY	DATE
OWNER			
SAL MARTIME PTE LTO			
BUILDER			
JIANGSU ZHENVIANG SHIPYARD (GROUP) CO., LTD			
HULL NO.: VZJ527B-1301			
PROJECT			
85.1 MAINTENANCE / WORKING VESSEL "FOCAL 527"			
APPRCVE	DWG TITLE: GENERAL ARRANGFMNT	JOB NO.:	P-1648
VERIFY		DWG NO.:	P-1648-G01
CHECKER		SCALE :	1:25D (A1)
DRAWER		CLASS :	ABS
FOCAL MARINE & OFFSHORE			
EM/IT: info@focmarine.com			
SHANGHAI TEL: 86-21-58705786		SINGAPORE TEL: 65-68481387	
FAX: 86-21-50313265		FAX: 65-68481291	

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FR70