

POSH PERSEVERANCE



12,240 BHP / 152.67 TBP / DP2 / AHTS **Call Sign: 9V2675**

Class Notation

ABS +A1, Towing Vessel, AH, Fire Fighting Class 1, Offshore Support Vessel, SPS, +DPS-2, +AMS, +ACCU (E)

Principal Particulars

Flag	Singapore
Year Built	2015
Place Built	PT. Nanindah Mutiara Shipyard, Indonesia
Design Draft	6.00 m
Max Summer Draft	6.50 m
Gross Tonnage	3,526.0 T
Net Tonnage	1,058.0 T
Deadweight (Max Draft)	3,196.0 T @ 6.50 m draft
Displacement	6,312.0 T
IMO No.	9537343
Design	Conan Wu & Associates 76 m A.H/OSV

Dimensions

Length Overall	76.00 m
Beam Overall	18.50 m
Depth Moulded	8.00 m

Performance

Max Speed	12.00 kts
Economical Speed	10.00 kts

* Subject to actual weather and operating conditions

Cargo Deck

Deck Cargo Area	584.8 m ²
Deck Cargo Dimension	38.3 m x 15.2 m
Deck Cargo Capacity	800.0 T
Deck Strength	5.0 T/m ²
Reefer Points	8 (4 x 415v, 4 x 230v)

Capacities

Fuel Tank	1,182.30 m ³
Fresh Water	741.5 m ³
Drill Water *	2,014.7m ³ (shared with ballast water)
Ballast Water *	2,014.7m ³ (shared with drill water)
Mud Tank *	808 m ³ (shared with brine)
Brine Tank *	808 m ³ (shared with mud)
Dry Bulk Tank	321.0 m ³ (in 4 tanks)

* Indicates tanks with shared capacity

Discharging Rates

Drill Water/Pump	1 x 150 m ³ /hr@90 m head
Fresh Water/Pump	2 x 150 m ³ /hr@90 m head
Fuel/Pump	2 x 150 m ³ /hr@90 m head
Brine/Pump	1 x 150 m ³ /hr@90 m head
Liquid mud/Pump	2 x 150 m ³ /hr@90 m head
Dry Bulk Tank	1 x 60 m ³ /hr@50 m head

Accommodation

1 – Berth Cabins	4
2 – Berth Cabins	22
Total (POB)	48

Main Engines & Generators

Main Engines	BERGEN B32:40L9P, 2 x 4,500 kW each
Shaft Generators	Cummins DSG86L1-4W, 2 x 2,000 kW each
Diesel Generators	Caterpillar 3412, 2 x 590 kW each
Emergency Generators	Caterpillar C4.4, 1 x 94 kW

Thrusters & Propulsion

Bow Thruster	Rolls-Royce TT1650 DPN CP, 2 x 735 kW (2 x 10.0 T)
Stern Thruster	Rolls-Royce TT1650 DPN CP, 1 x 735 kW (1 x 10.0 T)
Propellers	Rolls-Royce 2 x CP Propellers in fixed nozzles
Rudders	Rolls-Royce 2 x independent high lift flat type

Deck Crane

Fixed Crane	SWL 5.0 T @ 15.0 m radius
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Anchor Handling/Tow Equipment

Tow/Anchor Handling Winch	Rolls-Royce Brattvaag SL350W/BSL350W double drum waterfall type
Stall Pull Capacity	350.0 T
Brake Holding Capacity	450.0 T
Tow Drum Capacity	3,500.0 m x 76.0 mm dia wire
Anchor Handling Capacity	3,500.0 m x 76.0 mm dia wire
Storage Reel Capacity	2 x 3,500.0 m x 76.0 mm dia wire
Tugger Winch	2 x 17.0 T each
Capstan	2 x 10.0 T each
Shark Jaws	1 x MacGregor Plimsoll, SWL 500.0 T
Tow Pins	1 x MacGregor Plimsoll, SWL 350.0 T
Stern Roller	5.5m x 2.5m dia approx.(SWL 525.0 T)
Gypsies	2 x 76.0 mm + 1 x 84.0 mm
Chain Locker	2 x 161.4 m ³

Tow/Anchor Handling Wires

Main Tow Wire	1,500.0 m x 76.0 mm dia wire
Spare Tow Wire	1,500.0 m x 76.0 mm dia wire
Anchor Handling Wire	1,500.0 m x 76.0 mm dia wire

Mooring Equipment

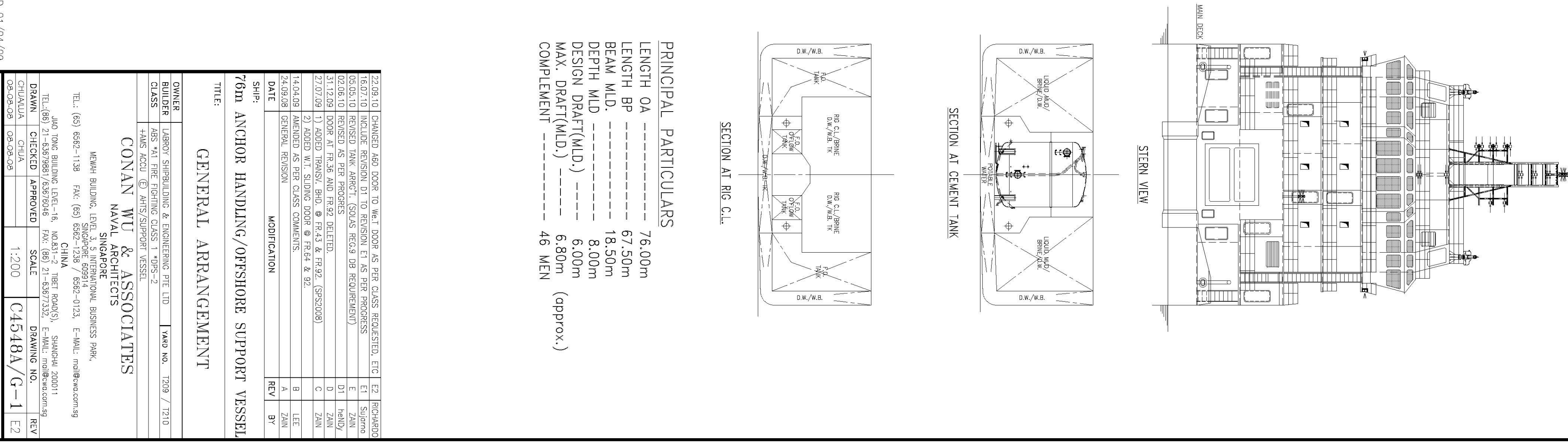
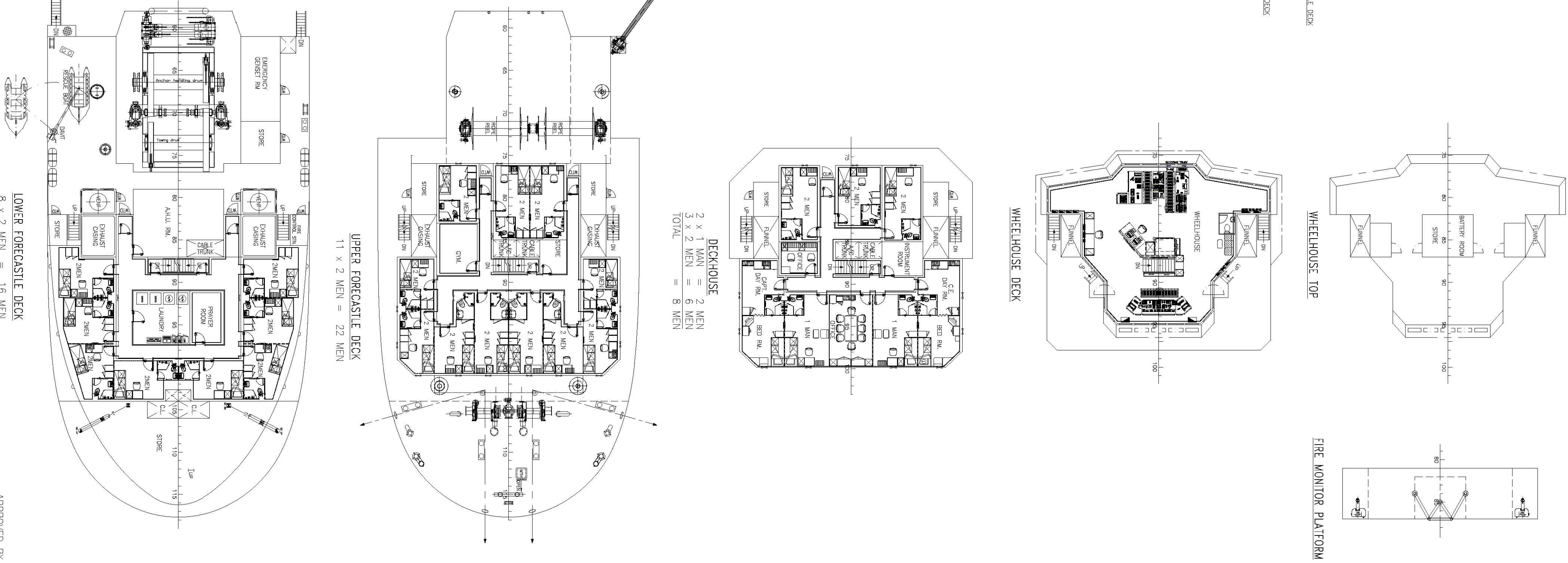
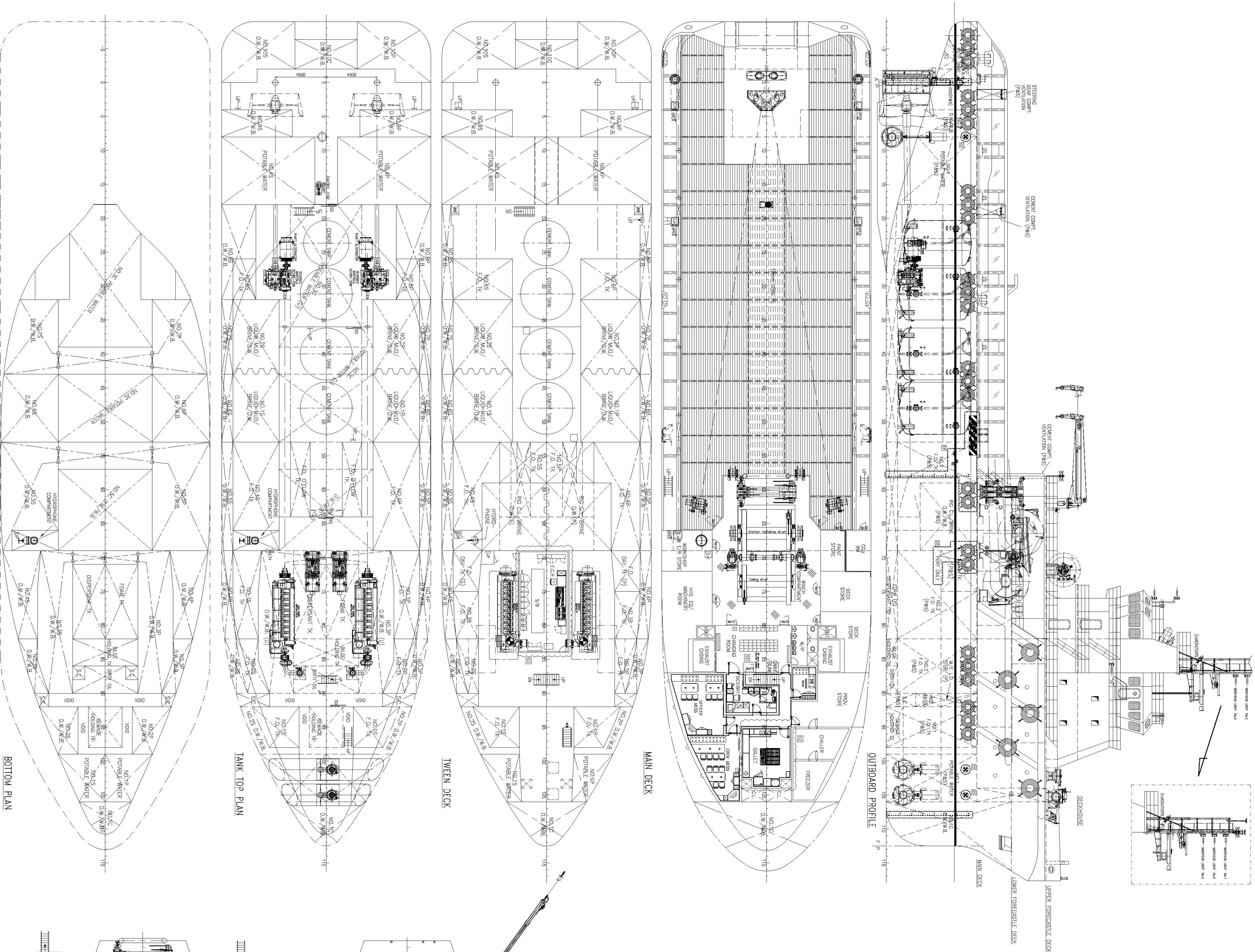
Anchor	2 x AC14 Type Anchor; 2,295 kg each
Anchor Chain	495.0 m x 50.0 mm dia
Anchor Windlass	16.0 T @ 13.0 m/min

Dynamic Positioning System

DP Class	DP 2, Converteam + Independent Joy stick
References	2 x DGPS + 1 x Cyscan
VRU	2

Fire Fighting and Rescue

Firefighting System	FiFi 1
FiFi Pump	2 x 1,920 m ³ /hr
FiFi Monitors	2 x 1,200 m ³ /hr
Spray Booms	2 x spray nozzle
Dispersant Capacity	19.2 m ³
Foam Capacity	19.2 m ³
Rescue Boat	1 x 6 man rigid hull waterjet FRC, 158 hp, ≥8 kts
Life Rafts	6 x 25 man
Life Buoys	10
Life Jackets	60



16.07.10 CHANGED A&O DOOR TO W&I DOOR AS PER CLASS REQUESTED. ETC E2 RICHARD			
16.07.10 INCLUDE REVISION D1 TO REVISION E1 AS PER PROGRESS			
03.05.10 REVISED TANK ABCT. (SOLAS REGS DB REQUIREMENT)			
02.05.10 REVISED AS PER PROGRESS			
31.12.08 DOOR AT F138 AND F142 DELETED			
27.07.08 2) ADDED W&I SLIDING DOOR & F142 & 281			
14.04.08 AMENDED AS PER CLASS COMMENTS.			
24.09.08 GENERAL REVISION			
DATE		MODIFICATION	REV BY
SHP-			
TITLE:			
76m ANCHOR HANDLING/OFFSHORE SUPPORT VESSEL			
GENERAL ARRANGEMENT			
OWNER			
LABOY SHIPBUILDING & ENGINEERING PTE LTD			
CLASS			
ABS Y&I FIRE FIGHTING CLASS 1 *DPS-2			
YARD NO.			
1209 / 1210			
CONAN WU & ASSOCIATES			
NAVAL ARCHITECTS			
SINGAPORE			
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DRAWN			
CHUANLUA			
CHECKED			
APPROVED			
SCALE			
1:200			
DRAWING NO.			
C4518A/G-1			
REV			
04-06-08			

APPROVED BY ABS DATED 01/04/09
SEE ABS LETTER FOR COMMENTS.