

# 82M DP2 SATURATION DIVING SUPPORT VESSEL



## OUTLINE SPECIFICATION

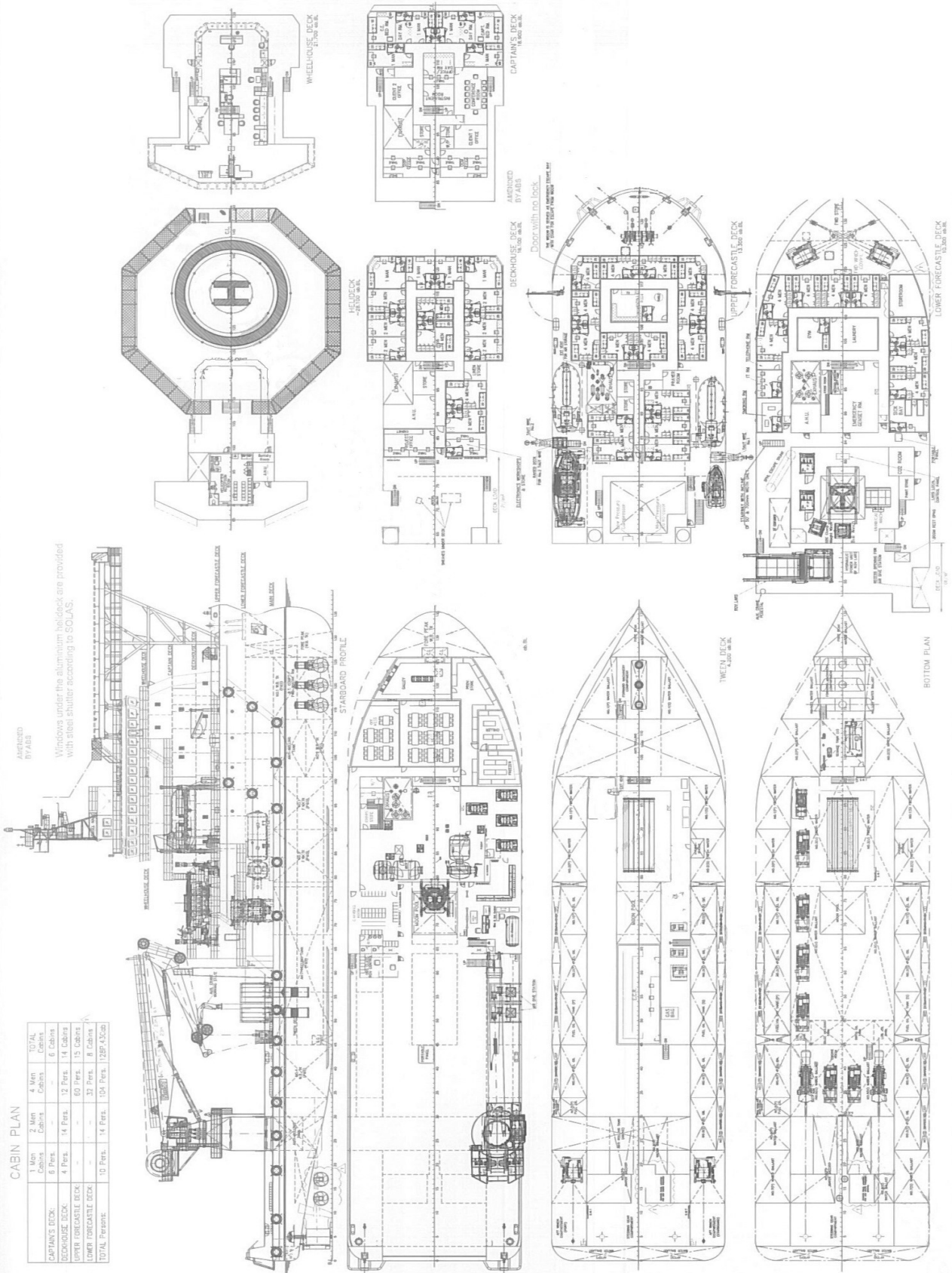
GENERAL		WHEELHOUSE	
Built	2010	Gyrocompass	3 * C. Plath Navigat x Mark 1 (Model 10)
Flag/ Port of Registry (Port No.)	TBD	AIS	1 * unit Furuno Model FA-150
Class	ABS A1 AMS Offshore Support Vessel, DPS-2, SPS Code	VDR	1 * unit Furuno Model VR-3000
Type	ABS Class, Saturation DSV	Radar	2 * units Furuno Models FAR-2117, FAR-2137S
Gross Tonnage	4938	Echo Sounder	1 * unit Furuno Model FE-700
Nett Tonnage	1481	Auto Pilot	1 * unit Anschuetz Model NautoPilot 2015
Deadweight	2106 12@ 5.30 m Draft	GMDSS	1 * unit Furuno Model RC-1800T (Area A-1-2-3)
		BNWAS (Nav watch Alarm)	1 * Furuno BR510
		Satellite EPIRB	1 * unit McMurdo Model E5 Smartfind 406
		Navtex Receiver	1 * unit Furuno Model NX-700 (Type B)
		GPS	1 * unit Furuno Model GP-150
		SART	2 * units McMurdo S4 9 GHz
		Inmarsat C Equipment	2 * units each (Furuno Models: Felcom-15, Felcom-15 SSAS) FS-2570 (DSC/Watch Receiver), 3 units * FM-8800S VHF
DIMENSION		MAIN MACHINERY	
Length OA (Hull)	82.20m	2 * CAT 3516B DITA, 2575 BHP @1600 rpm, Total 5150 BHP, 2 * 1920 KW	
Freeboard Length	78.83m	6 * 1200 kW Generator, 1 * 500 kW Harbour Generator	
Breath Moulded	20.40 m	1 * 180 kW Emergency Generator (Shipboard), 1 * 700 kW Emergency Generator (Dive)	
Depth Moulded	7.00 m	2 * 30 tons/day Reverse Osmosis Type (RO)	
Draft Designed	5.30 m	Total main engine and generator power available >14700 BHP	
Air Draft	38.4 m - from Keel to Mast Top	THRUSTER	
PERFORMANCE		Main Propulsion	2 * Berg CPP in Nozzle c/w Becker High Lift Rudder
Full Speed	10.5 knots Consumption 23m3 per day	Bow Thruster	3 * Kawasaki Tunnel Thruster CPP Type, 12 tons EA, 800 KW
Economical Speed	9.0 knots Consumption 19m3 per day	Stern Thruster	2 * Kawasaki Tunnel Thruster CPP Type, 12 tons, 800 KW
Dynamical Positioning	Cons 19m3 - 21m3 per day dependent on weather	DIVING SYSTEMS	
Type of Fuel	Marine Gasoline Oil (MGO)	Capacity	12 Man Saturation System - ABS Class
CARDO DECK		Depth Rating	300 m
Main Deck	545 m2 (Outside mezzanine deck construction)	Dive Bell	1 * 3 Man Moonpool Launch
Clear Loading Main Deck	440 m2 @ 5.0 t/m2	Chambers	1 * 6 Man, 2 * 3 Man
Mezzanine Deck	98 m2 @ 10.0 t/m2 - Fly away Container on this deck	Hyperbaric Lifeboat	1 * 12 man SPHL c/w LSP package
Deck House	38 m2 2.0 t/m2 - Area covered by Sprinkler system	Surface Air Diving	Built-in Surface Air Diving System with Twin LARS - ABS Class
TANK CAPACITIES		DP SYSTEM	
Fuel Oil	807 m3 @ 98% Capacity	Kongsberg	K-Pos DPS2
Potable Water	796 m3 @ 98% Capacity	DGPS 112	2 * units (Independent)
ANTI-ROLLING TANK (FLUME TYPE)		HiPAP 500	1 * unit
Two anti-roll tanks of passive type provided		Taut Wire Mk 15/300	2 * units (Port & Starboard)
ACCOMODATION		Radius 1000D	1 * unit
Wheelhouse, accommodation and office spaces fully air-conditioned, with Lan and Sat TV sockets in Clients cabins		MRU	3 * units
13 * 1 berth cabins	12	Gill Wind Sensor	3 * units
6 * 2 berth cabins	12	DECK MACHINERY / CRANES	
25 * 4 berth cabins	100	Subsea Offshore Crane	SMST 100 m/t @ 12.5 m - 1000 meter depth capability
Hospital	1 bed		Single Fall, Knuckle Boom type c/w Active Heave
Total Complement	125 (Total bed: 128)		Compensation System with Manriding cert on both winches
OFFICES and CHARTERER SPACES		Auxiliary Crane	Palfinger Telescopic Boom Type 1.8 m/t @ 14 m / 5.3 m/t @ 6 m
Project Office, Dive Office, Conference Room, Client Office, Workshop, Survey Areas		Anchors	4 * 5,000 kgs Delta Flipper or equivalent
HELIDECK - 22.22m Diameter			
Constructed partly on the top of accommodation block and suitable for operation with Sikorsky 92 & Super Puma type of helicopter (12.8 tons - take off weight)			

The particulars are believed to be correct, but are not guaranteed. Owners reserve the right to amend the specifications without prior notification.

CABIN PLAN

	1 Man	2 Man	4 Man	TOTAL
CAPTAIN'S DECK:				
Cabins	1	2	4	7
Crew	1	2	4	7
DECKHOUSE DECK:				
Cabins	4	14	14	32
Crew	4	14	14	32
UPPER FORECASTLE DECK:				
Cabins	10	14	14	38
Crew	10	14	14	38
LOWER FORECASTLE DECK:				
Cabins	10	14	14	38
Crew	10	14	14	38
TOTAL	35	44	46	125

Windows under the aluminum helideck are provided with steel shutters according to SOLAS.



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