

# 82M DP2 SATURATION DIVING SUPPORT VESSEL



## OUTLINE SPECIFICATION

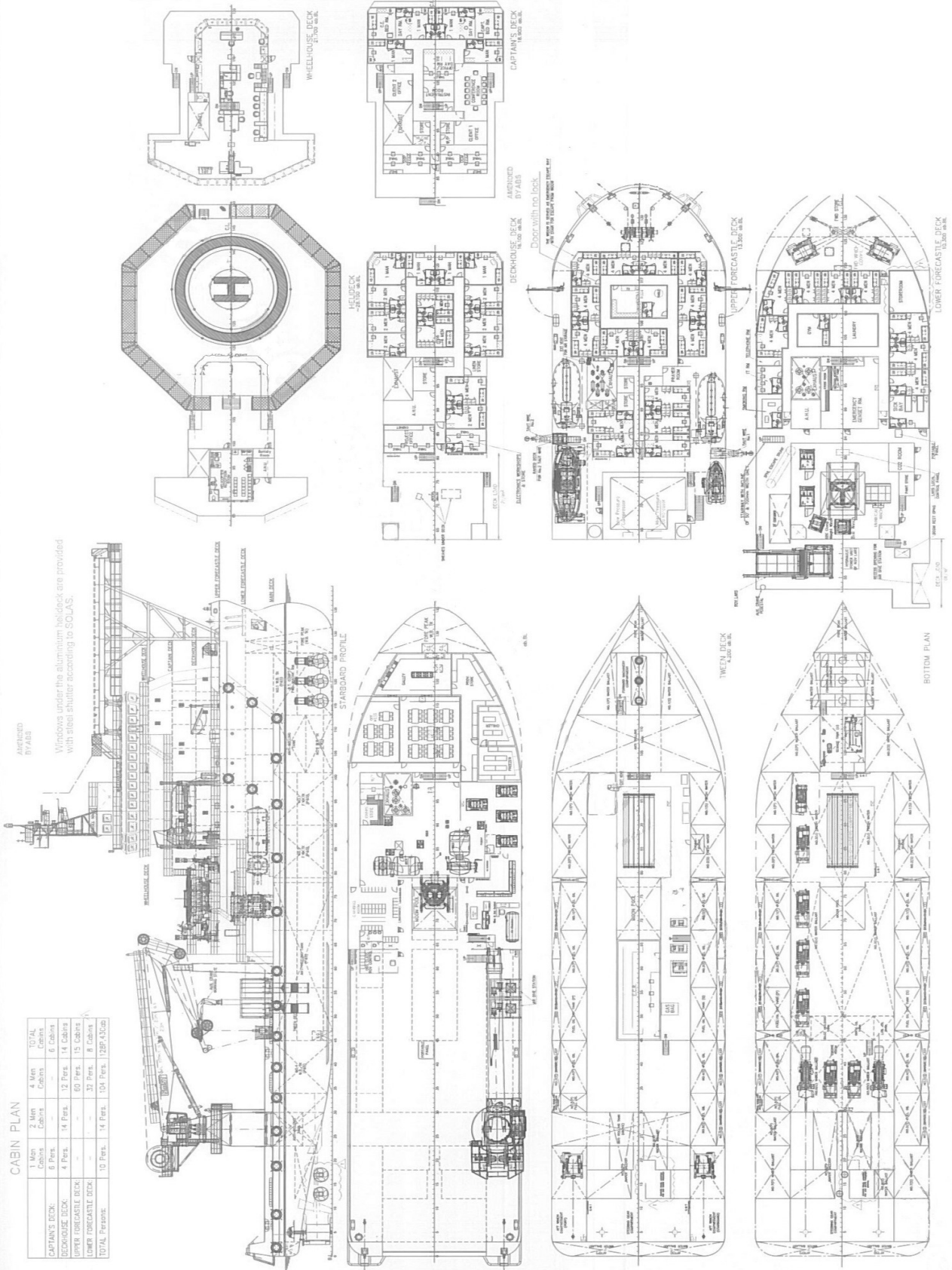
GENERAL		WHEELHOUSE	
Built	2010	Gyrocompass	3 * C. Plath Navigat x Mark 1 (Model 10)
Flag/ Port of Registry (Port No.)	TBD	AIS	1 * unit Furuno Model FA-150
Class	ABS A1 AMS Offshore Support Vessel, DPS-2, SPS Code	VDR	1 * unit Furuno Model VR-3000
Type	ABS Class Saturation DSV	Radar	2 * units Furuno Models FAR-2117, FAR-2137S
IMO No.	TBD	Echo Sounder	1 * unit Furuno Model FE-700
Gross Tonnage	4938	Auto Pilot	1 * unit Anschuetz Model NautoPilot 2015
Nett Tonnage	1481	GMDSS	1 * unit Furuno Model RC-1800T (Area A-1-2-3)
Deadweight	2106 12@ 5 30 m Draft	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, 1 * 800 kW Shaft 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
Dynamic 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		Mooring System	4 Points Mooring, Drum Capacity 1500 m / 38 mmdia SWR, Duty Pull 40 mt x 0-10m/min / 10 mt x 0-30 m/min Drum Brake Holding 100 mt (Static)
HELIDECK - 22.22m Diameter		Anchors	No anchors available, which shall be supplied additionally depending on required type and size at the Charterers cost.
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:	0 Cabins	0 Cabins	0 Cabins	0 Cabins
DECKHOUSE DECK:	4 Pers.	12 Pers.	14 Cabins	14 Cabins
UPPER FORECASTLE DECK:	0 Pers.	0 Pers.	60 Pers.	60 Pers.
LOWER FORECASTLE DECK:	0 Pers.	0 Pers.	32 Pers.	32 Pers.
TOTAL Passengers:	10 Pers.	14 Pers.	104 Pers.	128 PAX/200h

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



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