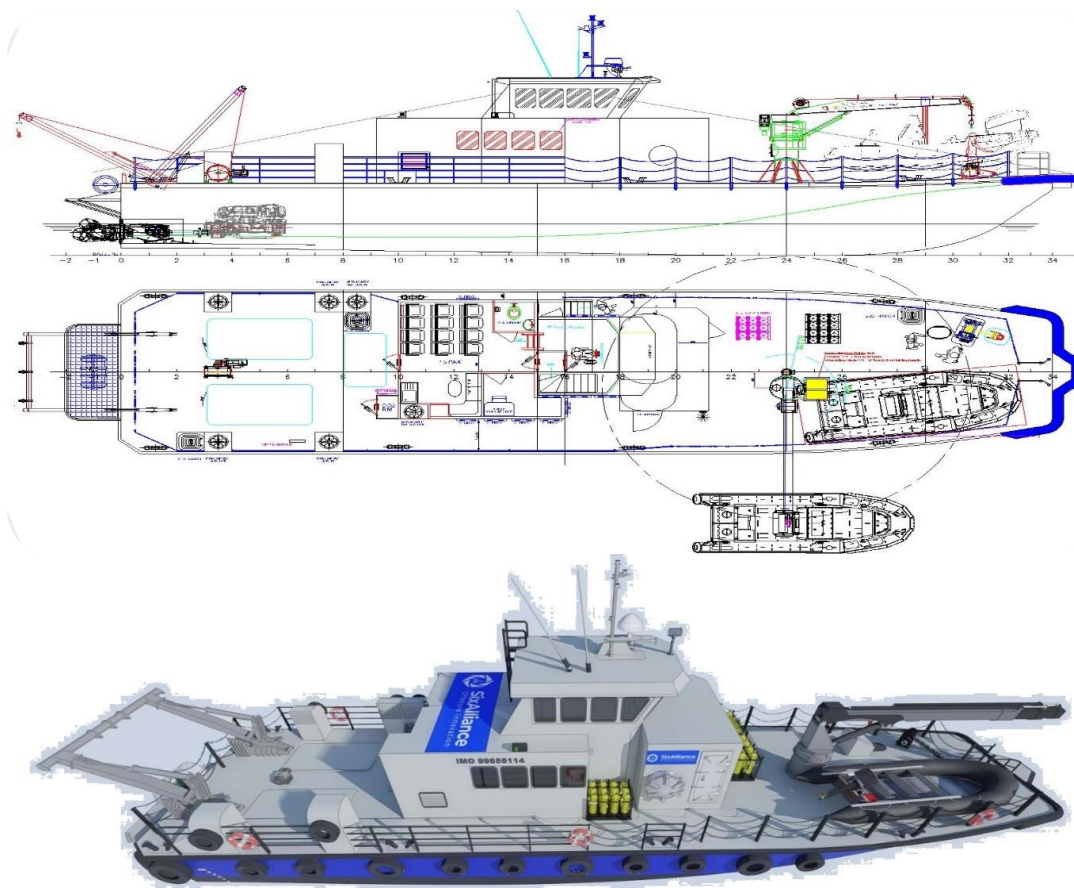


OUTLINE TECHNICAL SPECIFICATION



ULTRA SHALLOW FAST INTERVENTION DIVING VESSEL (FIDV)

Six Alliance
Marine and
Offshore

Workshop #12
Road 120 Ajubail First
Industrial Area Al Jubail
31961
Tel: +65 6863 2366

www.six-alliance.com



PRINCIPAL PARTICULARS

Length Overall	:	25.20m
LBP	:	22.99m
Breadth Moulded	:	6.10m
Depth Moulded	:	2.75 m
Max Draft	:	1.10 m
Displacement (Design draft)	:	Approx. 55 t
Deck Loading	:	1.5t/m ²
Maximum Speed	:	20 Knots
Proposed Class Notation	:	ABS, +A1, HSC Crewboat, E +AMS
Hull	:	Marine Grade Aluminium

MAIN MACHINERIES

Main propulsion units	:	2 x 715 HP @ 2100rpm (Caterpillar C18) + Gearbox ZF550
Propulsion System	:	Hamilton Water Jet, HTX42
Aux. Generator	:	2 x 44kw, 1800rpm, 3Phase, 440V, 60Hz Genset (Caterpillar C4.4)

OUTLINE TECHNICAL SPECIFICATION

ACCOMODATION

3-Man Cabins	=	3 x 3 Berths
4-Man Cabins	=	4 x 1 Berths
Total Complement		<u>13</u>

TANK CAPACITIES

Fuel Oil	:	Approx. 9000litres
Fresh Water	:	Approx. 1000 litres
Ballast Water/Void tanks	:	Approx. 500 m ³
Oily water oil	:	105 litres
Sewage Holding tank	:	209 litres
Grey tank	:	80 litres

DECK MACHINERY / EQUIPMENT /OUTFITTINGS

Anchor Windlass	:	1 x350kg @ 0-15m/min
Crane	:	Aluminum Electro-Hydraulic Fixed crane SWL 3 tons @ 5m radius (Certified for man riding 1.5T)
Launch & Recovery system (LARS)	:	1T Aluminum Electro -Hydraulic "A" frame Max. outreach 2.8m, 90deg, 3Ph,440v, 60Hz
Fire Pump	:	1 x 14.9m ³ /25mh
Bilge Pump	:	1 x 14.9m ³ /25mh
Sewage Treatment Plant:	:	Semar Blue Sea 4000LPD
Freewater Maker	:	Aquamiser 1200GPD
Bollards	:	6 x Double bollards
Fenders	:	All round AL fender, Tyre fender & 250mm Dia Rubber / foam fenders

NAVIGATION & COMMUNICATION

SIMRAD Air identification system (AIS)
SIMRAD Global positioning system (GPS) with Display
Internal: PA / talkback System: throughout the ship
Magnetic compass
Echo sounder c/w transducer
SIMRAD Dome Radars
Navigation lights
VF/MF/HF radio telephone
CCTV 6 Channel
Search lights

(IMCA D-023) SURFACE ORIENTED AIR DIVING SYSTEM ITEMS

2 x HP Coltri MCH36/ET, 11Kw 440V 60Hz & Coltri Smart 315 ET, 440V - 60Hz
1 x Motor Driven Hydraulic Power Pack , 160 Bar WP @ 55 L / min, 3P, 440v.
DDC dive control (3-Man Dive Control Panel , Diver Comms with
CCTV **(Live Stream Capable)**.Twin-lock , 3-Man Decompression. Chamber
2 x (16 x 50L) 200 bar Breathing Air Quads
1 x (16x 50L) 200 bar Medical O2 Quads
4 x 200M Umbilical for Breathing Air , Comms , CCTV & Light and Pneumo
1 x Stern Launch & Recovery System (LARS) , 1 ton rated A-frame
2 x KM 37 Hats and 1 x KMB 18 Bandmasks
Diving Consumables , dive gear and Spares
1 x Industrial Compressor
1 x Rhino Boat (SRP) comes with 2 diver panel (IMCA D-40)

LIFE SAVING EQUIPMENT

Lifebuoy : 5 sets
Lifejacket : 10 sets
First Aid Kit : 1 unit
*other life saving equipments as per solas requirements.

FACILITIES

Pantry Room : 1 x Room c/w Equipment and Utensils

INTERNAL FIRE FIGHTING SYSTEM

CO₂ fixed 9kg , Fire/smoke detection and alarm system
Portable Powder Cap. 4Kg
Portable Foam Cap. 9Kg
Fire Axe
*Other fire extinguishers (as per class requirement).

*FINAL SPECS MAY VARY FROM THE OUTLINE SPECIFICATION