

Our Fleet



SEAMEC AGASTYA

A Multifunctional diving support vessel



SEAMEC LIMITED



VESSEL SPECIFICATIONS

PRINCIPAL PARTICULARS

YEAR BUILT	2010
PLACE BUILT	Drydocks World, Singapore
DESIGN	Conan Wu & Associates, Singapore
FLAG	Batam, Indonesia
IMO	9483061
LENGTH OVERALL	79.80 m
LENGTH BP	79.48 m
BREADTH MOULDED	20.40 m
DEPTH MOULDED	8.00 m
DRAFT (MAX)	5.60 m
FREEBOARD (SLL)	2412 mm
CLASS	ABS and BKI (Dual class)
NOTATION	A1, Offshore Support Vessel, (E), x AMS, DPS-2
GRT/ NRT	5001.00 T / 1501.00 T
DEADWEIGHT	2500.00 T

DECK PARTICULARS

CLEAR DECK AREA	700.00 m ²
DECK CARRYING LOAD	1000.00 T
DECK STRENGTH	5.00 T/m

PERFORMANCE

MAXIMUM SPEED	12 Knots @ 30 T/24hrs
ECONOMIC SPEED	10 Knots @ 24 T/24hrs

PROPULSION SYSTEMS

MAIN ENGINES	4 x Caterpillar 3516B, 1901 kW @ 1800 RPM
AUXILIARY ENGINES	Caterpillar 3412, 620 kW @ 1800 RPM
EMERGENCY GENERATOR	Caterpillar 3508B, 968 kW @ 1800 RPM
AIR COMPRESSOR	2 x 30 m ³ /hr x 30 Bar
BOW THRUSTER	3 x Schottel STT 002 CP, 600 kW,
PROPELLERS	2 x Electric Driven Voith Schneider Propellers

TANK CAPACITIES

FUEL OIL	958.20 m ³
FRESH WATER	1084.40 m ³
BILGE	20.50 m ³
BALLAST WATER	1907.02 m ³

CARGO DISCHARGE CAPACITIES

FUEL OIL PUMP	100 m ³ /hr @ 70 m head
FRESH WATER PUMP	100 m ³ /hr @ 75 m head
BILGE/BALLAST/FIRE/GS	2 x 80 m ³ /hr @ 70m head, 1 x 60 m ³ @ 70m head

DP SYSTEM

DP2, Converteam DPS-2, 2 DGPS, Sonardyne USBL, Taut Wire 500 m Depth, Fanbeam, 3 Anemometers, 2 Motions Sensors, Independent Joystick System

DECK EQUIPMENT

ANCHORS & CHAIN	2 x 2835 kg High Holding Power Type, 220 m x 54 mm (Dia), Grade U2
TUGGER WINCH	Nil
CAPSTAN	2 x 10 T @ 14 m/min Electro Hydraulic
ANCHOR WINDLASS C/W BOW	Electro Hydraulic
CRANE 1	SWL 50 T @ 12.5 m Radius (max SWL), SWL 13 T @ 30.0 m Radius (max Radius) w/ Active Heave Com. / Constant Tension & Man Riding Capability
CRANE 2	SWL 5 T @ 12 m Radius (max SWL)
MOON POOL	8.00 m Length x 8.00 m Breadth

ACCOMMODATION

BERTHS	12 x 1, 6 x 2, 24 x 4 Berths
TOTAL PAX	120

EXTERNAL FIRE-FIGHTING EQUIPMENT

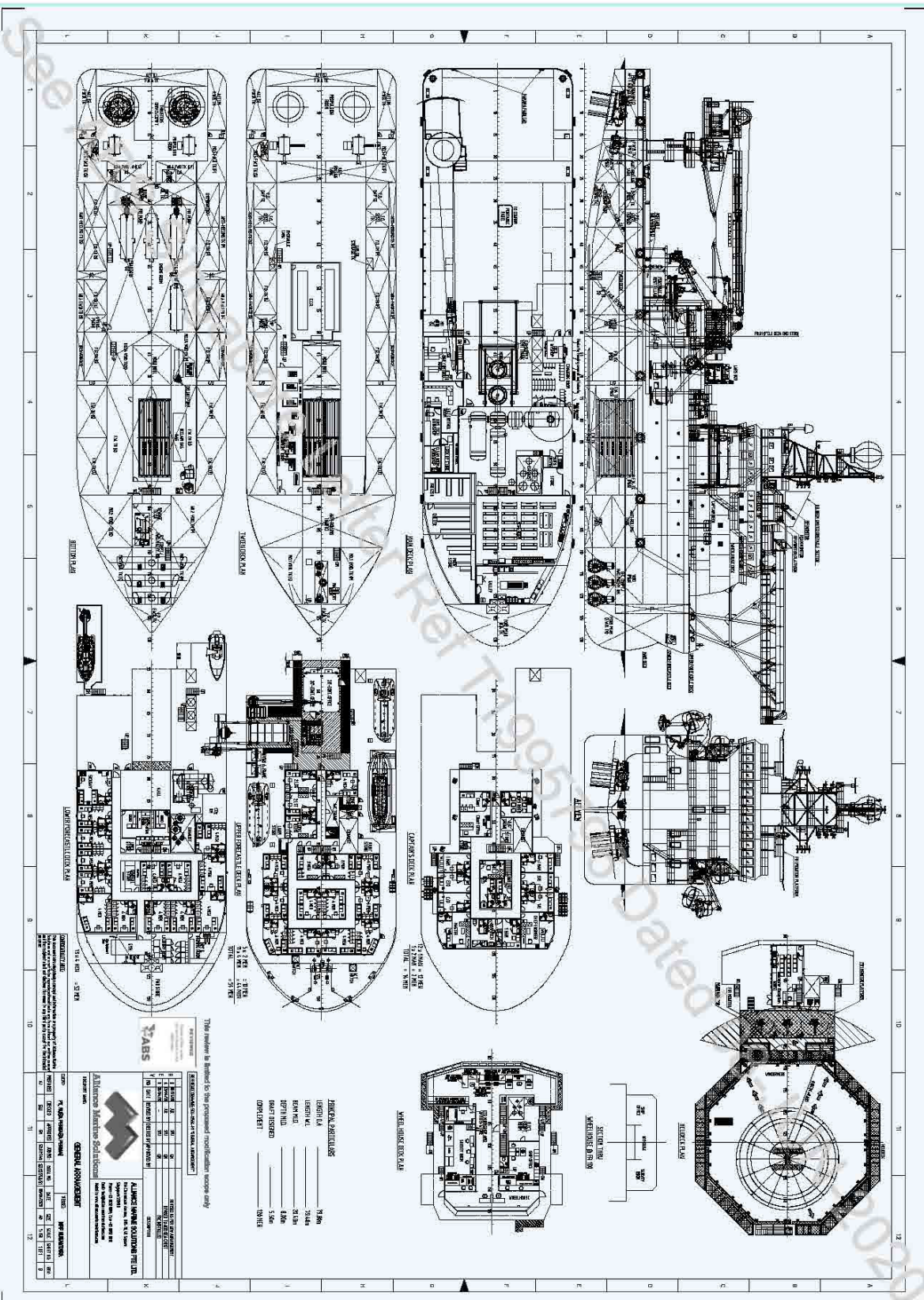
FI-FI NOTATION	Nil
FI-FI MONITORS	Nil
FI-FI PUMP	Nil

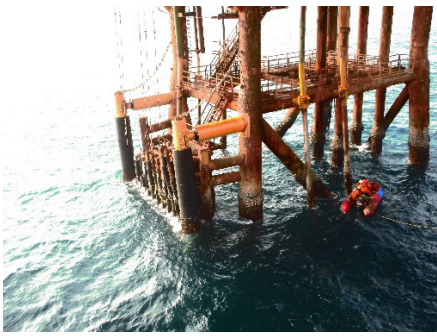
LIFE-SAVING EQUIPMENT

LIFE RAFTS	10 x 25 men, SOLAS Compliant
RESCUE BOAT C/W DAVIT	2 x 80 men, 120 kW of Inboard Engine, 160 L Fuel, SOLAS Compliant

DIVING & ROV SYSTEMS

DIVING SYSTEM	15 men Saturation Diving System with SPHL, 3 men Diving Bell (Through Moonpool)
BELOW DECKS HE02 STORAGE	39 Kelly Tubes x 200 Bar, approx. 17000 m ³ , On Deck O2 Storage
GAS RECLAIM SYSTEMS	DGRS and Chamber Gas
AIR DIVING SYSTEM	Dual LARS, Air DDC
WORK CLASS/OTHER ROV	Optional, install as required
SPHL	1 x 15 Divers, 4 Crew, Flyaway pack
HELIDECK DETAILS	12.8 T, 22 m, Ready for SIKORSKY 78/Super Puma





CONTACTS

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