



ALLIANZ INTERSPRAY

AHTS DP-1

56T BP | 61.25m LOA | 5150 BHP

PERFORMANCE & FUEL CONSUMPTION

Max Speed	12.7 knots	8400 ltrs - 24 hrs
Service Speed	11.5 knots	7584 ltrs - 24 hrs
Economic Speed	10 knots	6888 ltrs - 24 hrs

ACCOMMODATIONS

Total Accommodation	48 Persons
Total No. of Passenger (For Charterer's Use)	5 x 4 Berth Cabins
Single Rooms	6 Rooms
Double Rooms	8 Rooms
Others	7 Rooms
Hospital	One (1) on Main Deck

*All cabins are fully air-conditioned, complying with ILO 92, IMO Resolution A468 (XII)

CAPACITY

Fuel Oil	742 m ³	196,155 USG
Fresh Water	474.2 m ³	125,270 USG
Drill /Ballast Water	160.2 m ³ combined with Ballast Water	42,321 USG
Liquid Mud	245 m ²	64,742 USG
Brine	190 m ³	50,193 USG
Dispersant	14.18 m ³	3,747 USG
Lube Oil	4.50 m ³	1,189 USG
Dirty Oil	11 m ³	2,906 USG
Hydraulic Oil	1.78 m ³	470 USG
Bilge Holding Sewage Tank	11 m ³	2,906 USG
Foam Tank	14 m ³	3,698 USG
Dry Bulk	169 m ³ (4 tanks)	

DOCUMENTATION

Classification	American Bureau of Shipping (ABS)
Year Built	2010
Keel Laid Year	2008
Place of Build	Malaysia
Vessel Type	+A 1 Towing Vessel, AH, Fire Fighting Class 1, Offshore Support Vessel (E) +AMS, DP
Port of Registry	Portsmouth
Flag	Commonwealth of Dominica
Official No.	50998
Call Sign	J7AJ3
IMO No.	9533385

MAIN PARTICULARS

Length Overall	61.25 m	200.95 ft
Length BP	53.90 m	176.84 ft
Breadth Moulded	16.00 m	52.49 ft
Depth Moulded	6.00 m	19.69 ft
Draft (max)	5.10 m	16.73 ft
Draft (operational)	4.2 m	13.78 ft
Bollard Pull	56.27 Tons	
GRT / NT	1973 Tons / 591 Tons	
Lightship Weight	1574.31 Tons	
Deadweight	1772.28 Tons	
Summer Freeboard	912 mm	

Specifications are provided in good faith, subject to change, and without liability for errors or omissions.

Stanford Marine LLC : 16th Floor, Single Business Tower, Sheikh Zayed Road | P.O. BOX 32456 , Dubai, UAE | +971 4 3808001 | +971 4 3808015

Stanford Marine Asia Pte Ltd: 3 International Business Park, #03-18 Nordic European Centre | +65 65066100 | +65 65066101

ALLIANZ INTERSPRAY

AHTS DP-1

56T BP | 61.25m LOA | 5150 BHP



TOWING & ANCHOR HANDLING

Crane	3 Tons SWL @ 15 m radius
Anchor Handling / Towing Winch	Double Drum Waterfall Hydraulic
Tugger Winch	Winch : 2x 15 Tons@ 15m/min
Winch Type	Double Drum Waterfall Hydraulic
Towing Winch	SWL 150T x 0-6 m/min
Windlass	6.7 Tons @ 15m/min
Warping Drum	6.7 Tons @ 15m/min with 2x warping head
Bow Anchors	2x1575kgs
Anchors	2 x 1575 kgs High Holding Power Stockless (HHP)
Anchor Chains	2 x 330 m Chain 28 mm dia, Grade 3A
Chain Capacity	12 Shackles
Towing Pins	200T SWL
Stem Roller	3.5 m x 1.5 dia, 180T SWL
Karm Fork	300T SWL
Spare Tow Wire	52 mm x1 Coil
Capstans	2x5 Tons @ 15m/min
Pneumatic Bulk Handling System	2pcs SWS1255-57UP (Rotary twin screw single stage oil cooled)
Storage Wire Reels Capacity	1x1000 m x 58 mm
Line Pull Brake	150/25 Tons @ 6/36 m/min on 1 st layer
Wire Rope	38 mm Dia U2 Chain
Rated Pull	6.3T x 14m/min
Brake Holding Load	100T (Static, 1 st Layer
Drum Capacity	1x1000 m x 58 m
Brake Capacity	225 Tons
Winch Wire Capacity	1x 1000 m x 58 m SWL @ 9 Layer
Upper / Lower Drum Cap (Tow / AH)	1000 m x DIA 58 mm SWR @ 9 Layers
Stall Pull	150T x 0-6 m/min (1 st Speed)
Reefer Points	8 points on deck

CARGO DECK

Deck Strength	5T/m ²	
Deck Cargo Tonnage	600 Tons	1.60 LT/m ²
Clear Deck Area	370 m ²	3982.74 ft ²
Deck Length	29.20 m	95.80 ft
Deck Width	12.93 m	42.42 ft

MACHINERY

Type / Model of Main Engine	2 x Caterpillar 3516B HD Diesel Engines
Auxiliary Engines	2 x 405 kW (380V, 50Hz) Diesel Generators
Engines Max RPM	1600 RPM
Total Horsepower (BHP)	2 x 2575 (Total 5150 BHP)
Types of Generators	2 x Caterpillar 3412, 405 kW (380V, 50Hz) Diesel Generators
Capacity of Generator	2 x 405 KW (380 V,50 Hz)
No. of Generator required for normal operation	Aux Engine no. 1 & no. 2
Emergency Generator Capacity	1 x 80 kW
Model of Bow Thruster	1 x Kamome TCB-90DSMA 78.5KN
Type / Capacity of Bow Thruster	Tunnel Thruster / 78.5 KN
Stern Thruster	1 x Kamome TCB-70DSMA 58.8KN Tunnel Thruster
Propellers	2 x Z.F Marine Pitch Propellers
Main Propulsion Type	CPP, 2X Z.F Marine Pitch Propellers
Gearbox	2 x Hitachi Marine Gear, Ratio: 7.50, Output Power: 2575 HP, Input Speed: 1600 min-1
Shaft Alternator	2 x Stamford Shaft Generators, each 1000 kW (415V, 50Hz)
Rudders	2 x Becker S-A 1500/165 F.2 Independent High Lift Rudders
Steering Gear	2 x Kobelt Electrohydraulic System

DELIVERY RATES

Fuel Oil	100 m ³ / hr x 75 m
Fresh Water	100 m ³ / hr x 75 m
Drill /Ballast Water	100 m ³ / hr x 75 m
Liquid Mud	60 m ³ /hr75 m
Dirty Oil	8 m ³ / hr
Bilge Holding Sewage Tank	7.8 m ³ / hr head 36 m
Foam Tank	2850 RPM, 11.0 kw, Q: L / SEC, H:137, 8 m
Dry Bulk	2 x 20.5 m ³ / min x 5.6 Bar

Specifications are provided in good faith, subject to change, and without liability for errors or omissions.

Stanford Marine LLC : 16th Floor, Single Business Tower, Sheikh Zayed Road | P.O. BOX 32456 , Dubai, UAE | +971 4 3808001 | +971 4 3808015

Stanford Marine Asia Pte Ltd: 3 International Business Park, #03-18 Nordic European Centre | +65 65066100 | +65 65066101

ALLIANZ INTERSPRAY

AHTS DP-1

56T BP | 61.25m LOA | 5150 BHP



SAFETY EQUIPMENT

Fifi Claas (Yes or No)	Yes
Life Rafts	6 x Type: ZHR.25
Rescue Boat	1x Yanmar / SC-45 KR
Life Buoys	8 x-2.5 kg
Life Jackets	72 x
Work Vest	14 x 275N 150N
Rescue Scoop	2 x Jason's cradle
Scrambling Nets	2 x Nos
Overside Rescue Zones	2 x Nos
DC Davits	SC45KR
FRC Davit	SA21
Monitor Control	2 x remote controlled monitors on the wheelhouse top
Fire Monitors	2 x FEH200D
Range	1200 m3 / hr @ 12 Bar
Pump Capacity	2 x 1500 cbm / hr Driven by Main engine
Emergency Fire Pump	Capacity 40 m3 / hr head 60 m
Fire Monitors	FEH200D
Portable Fire	General purpose diesel pump 50KB-2
Extinguishers	DCP, Foam, Co2
Fire Station	6 x Nos
Spray Boom	N/A (only fixed)
Oil Dispersant	Yes
Searchlights	2 x Sansin / Aeh-40su
Night Vision Equipment	6 pcs night vision camera
Fire Fighting	6 x Fireman Outfit

ELECTRONICS & CONTROLS

Radar	1 x Furuno
Radar 2	1 x Furuno Mark2 Model
X – band TM Radar	1 x Furuno Type: MU-201CR
S – band ARPA Radar	1 x Furuno
Gyro Compass	Raytheon/ Anschutz / STD 22
GPS	1 x Furuno / FA-1502
AIS	1 x Jotron
Echo Sounder	1 x Furuno (FE-700)
Depth Sounder	1 x Furuno (FE-720)
Auto Pilot	1 x Anschutz / NP60
SSB	1 x NSR/1500C
VHF	2 x NSR, IC-M304
NAVTEX Receiver	1 x Nos. P.A System, EPIRB & SART provided
GMDSS	2 x Set for Area A1, A2, & A3 Operations
Handheld VHF	3 X Entel VHF Radio
Rig Move Radio	2 x Motorola GM-160 / Private Ch
INMARSAT C	4TTO 936E 5B73
EPIRB	Global Fix Pro / Rlb-37
SART	Jotron / Tron Sart20
Speed Log	1 x John Lilley & Gillie
Public Address System	HiPower – LEM – 794
ECDIS	1 x ECDIS Navigator G2 Model: IME 1024 AC
Anemometer	2 x Young Wind Tracker
Weather Fax	2 x Navtex & INMC-C
Wind Indicator	1 Nos.

DP SYSTEM

IMO Class DP1 System (2 x DGPS)

Specifications are provided in good faith, subject to change, and without liability for errors or omissions.

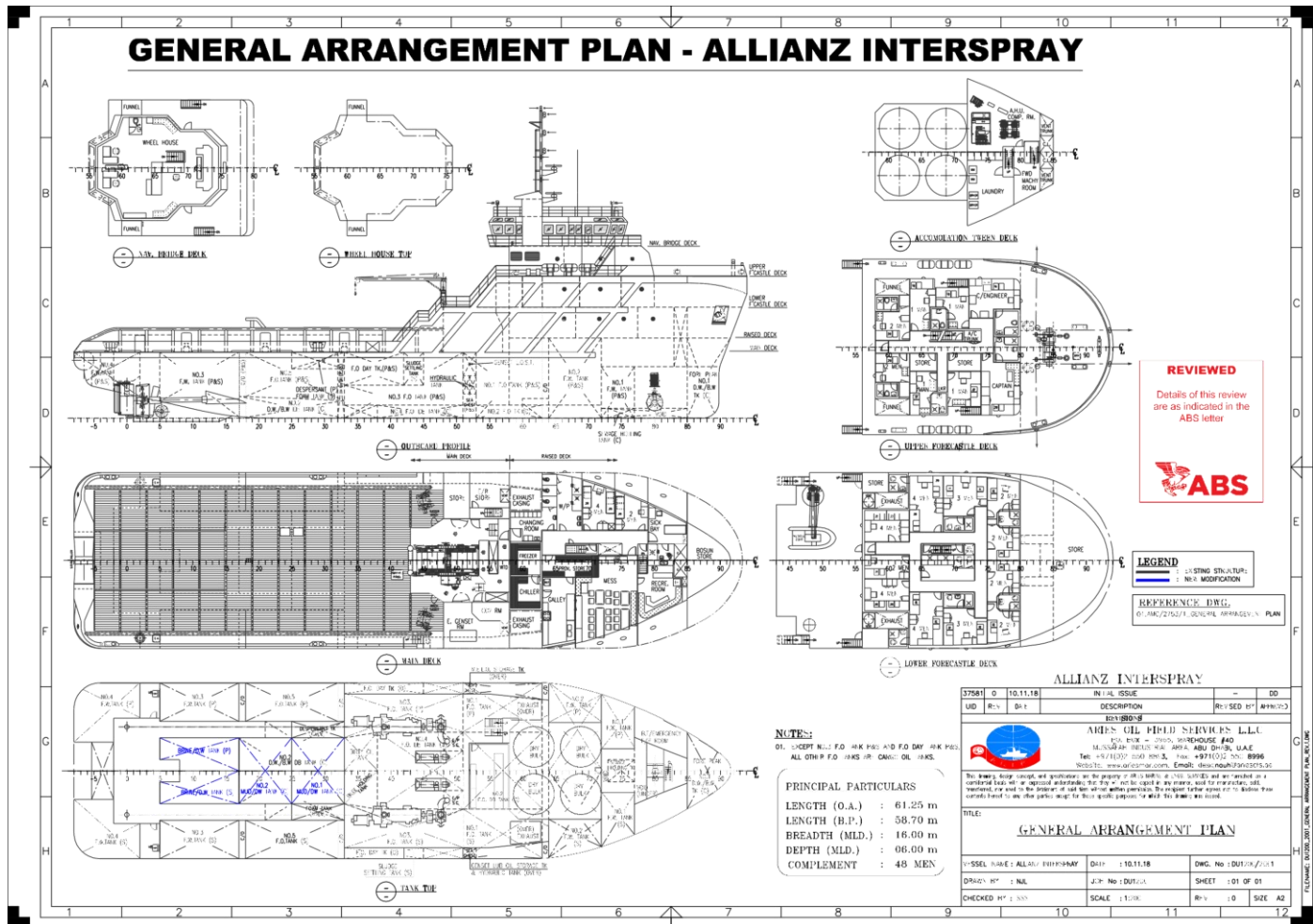
Stanford Marine LLC : 16th Floor, Single Business Tower, Sheikh Zayed Road | P.O. BOX 32456 , Dubai, UAE | +971 4 3808001 | +971 4 3808015

Stanford Marine Asia Pte Ltd: 3 International Business Park, #03-18 Nordic European Centre | +65 65066100 | +65 65066101

ALLIANZ INTERSPRAY

AHTS DP-1

56T BP | 61.25m LOA | 5150 BHP



Specifications are provided in good faith, subject to change, and without liability for errors or omissions.

Stanford Marine LLC | 16th Floor, Single Business Tower, Sheikh Zayed Road | P.O. BOX 32456, Dubai, UAE | +971 4 3808001 | +971 4 3808015

Stanford Marine Asia Pte Ltd: 3 International Business Park, #03-18 Nordic European Centre | +65 65066100 | +65 65066101