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Bossan AHTS



GENERAL:

Built	2011, PAX Ocean Eng. Zhuhai Co. Ltd, China
Flag	Turkmenistan
Class	ABS DP 1

MAIN DIMENSIONS:

Length Overall	71.5 m
Beam Moulded	16.6 m
Depth Moulded	7.2 m
Draft (Max)	5.9 m
Free Deck Space	(approx. 35m x 12.8m) 450 m ²
Cargo Capacity	900 Tons

TONNAGE:

GRT	2588 Tons
NRT	766 Tons
DWT	2457 Tons

MACHINERY:

Main Engines	2 x MAN B&W 8L27/38
Break Horsepower	7940 BHP
Generators	Shaft 2 x 1200 KW, 2 x CAT 3408C, 370 KW,
Emerg. Generator	1 x Volvo Penta 122 KW
Bow Thruster	2 x 450 KW CP, rated 7.1T
Stern Thruster	1 x 450 KW CP, rated 7.1T
Propulsion	2 x CPP in fixed Nozzle
Rudders	2 independent high lift type

SPEED & CONSUMPTION:

Maximum Speed	14 Knots
Service Speed	12 knots
Estimated Consumption	Running free 12 T/24 Hr Towing 19 T/24 Hr

TANK CAPACITIES:

Marine Gas Oil	763 m ³
Potable Water	541 m ³
Fresh water Ballast	1524 m ³
Liquid Mud	448 m ³

ACCOMMODATION:

Air-conditioning	Fully Air Conditioned
Walk-in cooler	12 m ³
Walk-in freezer	10 m ³
Berths	1 man x 4, 2 men x 4, 4 men x 7 Total 40 Passengers 27

TOWING & A/H EQUIPMENT

Bollard Pull	110 Tons
Towing/Anchor handling Winch	1 x double drum waterfall 200MT Pull, Brake 400MT
Wire Dimensions	2 x 1500m 64mm (1500m x 56mm & 350m x 64mm fitted) Storage cap. 1500m x 64mm,
Stern Roller	300 Tons SWL (L) 6m x (D) 2m
Shark Jaws	Retractable SWL 200 Tons
Towing Pins	Retractable SWL 150 Tons
Tugger Winch	2 x 10 Ton up to 16m/min
Anchor Windlass	10T @ 9m/min
Capstan	2 x 10 Ton up to 15m/min

RADIO & NAVIGATION EQUIPMENT:

GMDSS	Furuno FM 8800
SAT-C	Furuno Felcom 15
Radar	Furuno FAR 21x7/FR1510-3
Gyro Compass	Simrad GC 80
Auto Pilot	Simrad AP-50
Echo Sounder with repeater at Aft console	Furuno FE 700
Navtex	Furuno NX-700
EPRIB	McMurdo E5
SART	McMurdo S4
AIS	Furuno FA150
ECDIS	N/A

FiFi SYSTEM: FFS600/150LB

Fire Monitor	2 x Fi Fi 1
Pump Capacity	2 x 1650m ³ /hr
Horizontal Throw	Length
Foam Capacity	10.65 m ³
Oil Dispersant Capacity	13 m ³ with dispersant Booms port and starboard

MISCELLANEOUS

Chain locker 2 x 80m³, J Hook & Grapnel SWL 130 T,
 Crane 5T knuckle boom @ 18m radius
 Drill Wtr and F.W. pumps - 150 m³/Hr @ 75m head
 Fuel Oil pump - 150 m³/Hr @ 75 m head
 Liquid mud/Brine pumps - 100 m³/Hr @ 204m head
 Sewage Treatment System – 40 persons/day
 Bulk capacity 250 m³