

VESSEL DESCRIPTION

Vessel Name	:	GSP Alcor
Vessel Type	:	Offshore Support Vessel - Anchor Handling Tug Supply (AHTS)
Build	:	Jan 2010
Yard	:	Fujian, China
IMO Number	:	9560223
Call Sign	:	9VB448
Port of Registry	:	Singapore
Flag	:	Singapore
Class	:	ABS
Dynamic Positioning System	:	DP-1, Marine Technology Bridge Mate

MAIN PARTICULARS

Deadweight / Draft	:	1,400 mt / 4.95 m
LOA / Beam	:	59.25 m / 14.95 m
Certified Bollard Pull	:	65 mt
Accommodation	:	42 persons in total (of which 16 Crew and 26 Passengers)
Fi-Fi System	:	Class FF1 with water curtain all round
Deck Crane	:	1 x 3 mt @ 9 m foldable type
Cargo Deck Capacity	:	500 mt
Deck Strength	:	7.5 mt per m2 (uniform loading)
Clear Deck Area	:	350 m2
Tanks		Capacity Discharge Rate / hr of Pumps
Fuel	:	600 cbm 1 x 150 cbm / hr @ 75 m head
Drill Water	:	400 cbm 1 x 100 cbm / hr @ 75 m head
Potable Water	:	500 cbm 1 x 125 cbm / hr @ 75 m head
Liquid Mud	:	350 cbm 1 x 70 cbm / hr @ 85 m head
Cement / Dry Bulk	:	187 cbm (4 x 1,650 cbft) / 2 x 13 cbm / hr @ 80 psi
Galley		Capacity
Freezer / Cooler (Chiller)	:	10 cbm / 10 cbm
Foam / Detergent	:	12 cbm / 12 cbm

TOWING AND ANCHOR HANDLING EQUIPMENT

Stern Roller	:	4.00 m (L) x 1.60 m (Diam) (SWL 200 mt)
Anchor Handling Towing Winch	:	1 x electro-hydraulic double drum; Mentrade MM1022-AHTW
Upper Drum Cap (Tow)	:	1000 m (L) x 56 mm (Ø) SWR
Lower Drum Cap (AH)	:	1000 m (L) x 56 mm (Ø) SWR
Tugger Winches	:	2 x 10 mt @ 15 m per min, electro-hydraulic
Tow Pins	:	2 x electro-hydraulic with turntable top flaps
Shark Jaws	:	1 x electro-hydraulic Kamfork (SWL 300 mt)

MACHINERY

Main Engines (BHP)	:	Total 5,150 BHP (2 x 2,575 BHP)
Main Engine (Sets/Type)	:	2 x Caterpillar 3516B (each 1920 kW @ 1600 rpm)
Generators (Sets/Type)	:	3 x Caterpillar 3408 (each 350 kW @ 1500 rpm)
Emergency Generator	:	1 x Caterpillar 3054 (65 kW @ 1800 rpm)
Bow Thruster	:	1 x 440 kW Kamome Propellers HRP 4000 tunnel type (CPP) (6T thrust)
Propulsion	:	2 x CPP in Kort Nozzles; ZF
Rudders	:	2 x high performance streamline type

All details 'about' and without guarantee

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