

SWISSCO SAPPHIRE

48M AZIMUTH ANCHOR HANDLING TUG

GENERAL DATA

Length:	48.00 m
Breadth:	12.80 m
Depth / Draft:	5.06 m / 4.20 m
GRT / NRT:	884 / 265 Tons
Registry:	Singapore
Built:	2007
Official Number:	392759
Call Sign:	9V7074
IMO Number:	9425291
Classification:	Bureau Veritas
Bollard Pull:	60 tons (ahead) / 40 tons (astern)



MAIN ENGINE / GENERATOR

Main Engine:	2 x Caterpillar 3516B 2375 bhp @ 1600 rpm
Main Generator:	3 x Caterpillar 3406C 50 Hz/415V/245KW
Bow Thruster:	HRP - 5 tons
Propulsion:	HRP steerable thrusters
Emergency Genset:	1 x MANS @ 50 kW
Max Speed:	12 knots
Consumption:	17,152 ltrs / 24hrs @ 80% MCR (approx.)

DECK EQUIPMENT

AH / Towing Winch:	Double Drum - 100 tons @ 1st layer
Tugger Winch:	2 x 5 tons @ 15m / min
Anchor Windlass:	Hydraulic windlass - 5 tons
Anchor:	AC - 14 HHP Anchor, 2 x 1,080 kg
Stern Roller:	3.5 m x 1.5 m, 200 tons SWL
Wire Rope:	Work wire: 52 mm x 150 m Tow wire: 52 mm x 600 m
Capstan:	2 x 5 tons @ 15 m / min
Sharkjaw / Towpin:	200 tons SWL
Crane:	2 tons SWL @ 6 m

SAFETY EQUIPMENT

Fire Fighting:	2 x 600m ³ / hr monitors
Engine Room:	CO ² flooding system
Life Raft:	4 x 25 men self-inflatable
Life Jacket:	29 men
Fireman Outfit:	2
Rescue Boat:	1 x 6 men

NAVIGATION / COMMUNICATION EQUIPMENT

Radar:	2 x JRC - 48 nm / 96 nm
Echo Sounder:	JRC JFE 582
AIS:	JRC, JHS - 182
GPS:	JRC JNav 50
Auto Pilot:	JRC, Comnav
Compass:	JRC, Gyro Compass
Sat Phone/ Fax/	+870764917668
Email:	Swisscosapphire@SkyFile.com
Inmarsat C:	JRC, JUE - 85
SSB:	JRC JSB 196GM
VHF:	1 x JRC JHS - 328 3 x ACR 2729 A (Portable)
Navtex:	JRC, NCR 333
EPIRB:	JRC JQE - 3A
SART:	2 x JRC JQX- 30A
Search Light:	2 units - 2000W
PA System:	1 unit - Fitted
Speed Log:	JRC, JLN - 205

TANK CAPACITY

Fuel Oil:	684.406 m ³
Fresh Water:	254.725 m ³
Lube Oil:	5.039 m ³
Hydraulic Oil:	5.041 m ³
Ballast:	123.829 m ³
Foam:	9.264 m ³
Detergent:	15.448 m ³

ACCOMMODATION

Single Cabin:	2 units
Twin Cabin:	3 units
4 Men Cabin:	4 units
Total:	24 men

OTHER INFORMATION

Deck Space:	21.4 m x 10.6 m = 227 m ²
Deck Strength:	5 tons / m ²

Last updated on: 26 November 2010

Particulars given herein are without warranty as to accuracy and interest parties must satisfy themselves by inspection or other means of details of the vessel.



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