

# Swissco Topaz

45M 4000BHP AHT

## GENERAL DATA

Length Overall :	45 m
Breadth:	11 m
Depth / Draft:	4.00 m / 3.20 m
GRT / NRT:	499T/149T
Registry:	Singapore
Delivery:	2013
IMO:	9684328
Call Sign:	9V6496
Classification:	Bureau Veritas
Official Number:	398481
Bollard Pull:	50T (approx.)

## MAIN ENGINE / GENERATOR

Main Engine:	2 x Caterpillar 3516C 2000 BHP @1600 rpm
Main Generator:	3 x Caterpillar C18 275Kw/50Hz/415V
Propulsion:	FPP with Nozzle,
Bow Thruster:	1 x 3T (200 kW approx.)
Speed:	Max. 12 knots
Gear Box:	Reintjes WAF 763 ratio 5.429
Fuel Consumption:	16,700ltrs/24hrs @ 85% MCR

## DECK EQUIPMENT

AH/Towing Winch	75T Double Drum Waterfall Brake Holding 150T
Wire Rope:	Tow wire: 52mm x 700m Work wire: 52mm x 200m
Anchor:	2 x stockless anchor with Grade U2 Stud-Link-Chain Cables
Anchor Windlass:	Electro Hydraulic; 3T@10m/min
Tugger Winch:	2 x 10T @15m/min
Sharkjaw/Towpin:	200T SWL
Stern Roller:	1.6 x 3.5m; 100T SWL
Deck Crane:	2T SWL @ 6.5M radius

## SAFETY EQUIPMENT

External Fire Fighting:	1455m <sup>3</sup> /hr with 2 monitors
Emergency Fire Pump:	Diesel driven, 25m <sup>3</sup> /hr @ 30m
Engine Room:	CO <sup>2</sup> Flooding System
Life Jacket:	40 pax
Life Raft:	2 x 20 men, SOLAS standard
Life Buoy:	8 sets, SOLAS standard
Fireman Outfit:	2 units

## OTHER INFORMATION

Deck Area:	180m <sup>2</sup>
Deck Strength:	5T/m <sup>2</sup>



## NAVIGATION / COMMUNICATION EQUIPMENT

Radar:	JRC JMA-5212; 96 & 48NM
GPS:	JRC JLR-7500
AIS:	JRC JHS-182
EPIRB:	MCMURDO E-5
Auto Pilot:	SAURA SA-10
Magnetic Compass:	SAURA MR-150
Gyro Compass:	YOKOGAWA CMZ900B
VHF:	JRC JHS-770S
MF/ HF:	JRC JSB 196GM (A3)
Echo Sounder:	JRC JFE-380
SART:	MCMURDO S4
Speed Log:	YOKOGAWA EML500HV1
Navtex:	JRC NCR-333
Inmarsat C:	JRC JUE-85
Search Lights:	2 x 1000Kw

## TANK CAPACITY

Fresh Water:	210m <sup>3</sup>
Sea Water Ballast:	68m <sup>3</sup>
Fuel Oil:	268m <sup>3</sup>
Lube Oil:	2.9m <sup>3</sup>
Hydraulic Oil:	2.0m <sup>3</sup>
Bilge Holding:	4.5m <sup>3</sup>
Dirty Oil:	4.5m <sup>3</sup>
Oil Dispersant:	5.2m <sup>3</sup>
Foam:	5.2m <sup>3</sup>
Ballast/Bilge:	50m <sup>3</sup> /hr @ 35m head
Fuel Oil Transfer:	20m <sup>3</sup> /hr @ 30m head
Fresh Water / Fuel Oil Cargo:	50m <sup>3</sup> /hr @ 50m head

## ACCOMMODATION

Single Cabin:	2 units
2 men Cabin:	3 units
4 men Cabin:	3 units
Total:	20 men

Last updated on 16<sup>th</sup> January 2014

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.



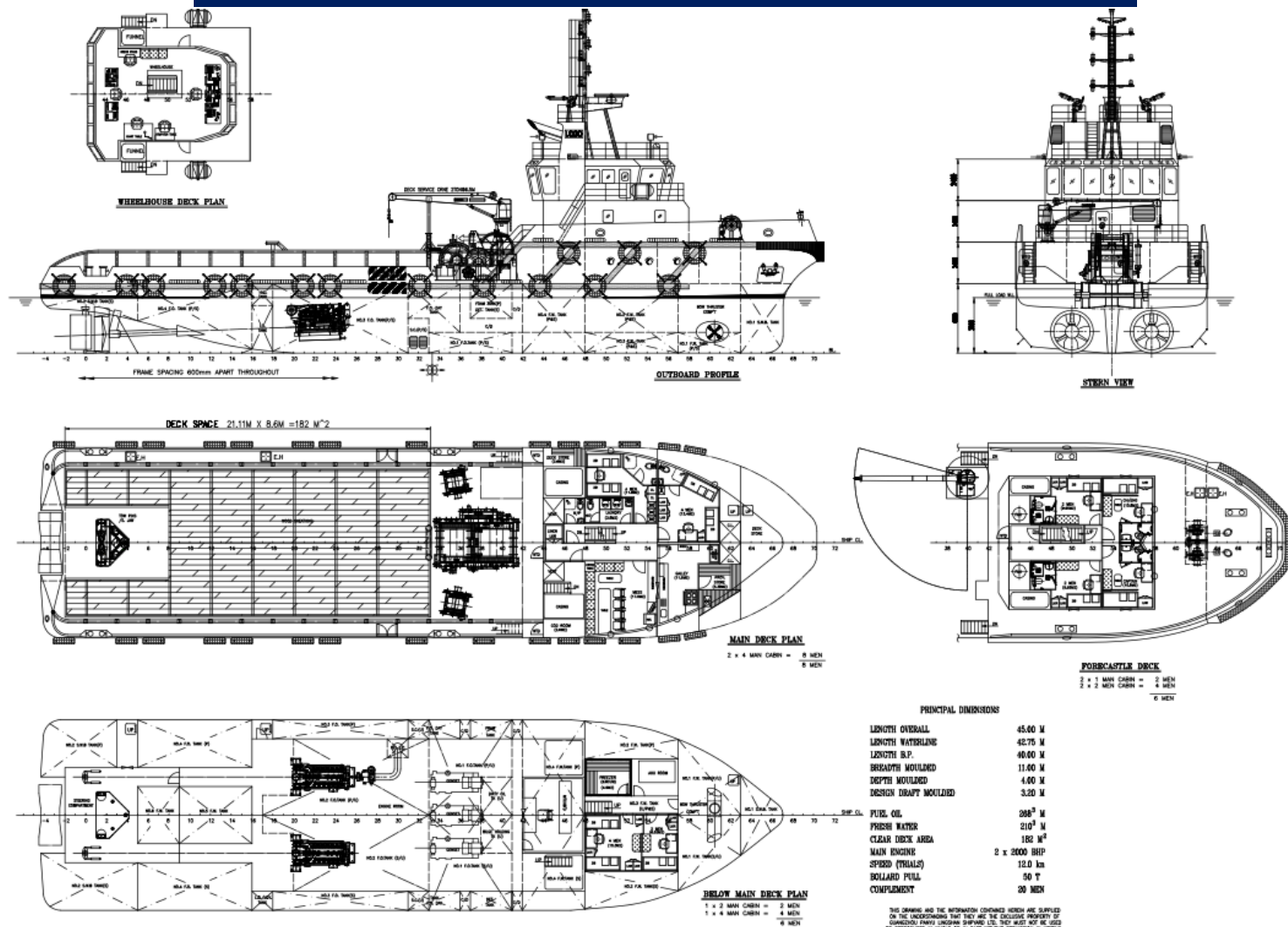
**SWISSCO OFFSHORE PTE LTD**

60 Penjuru Lane, Singapore 609214 | Tel: (65) 6265 2855 Fax: (65) 6264 1661  
E-mail: swissco@singnet.com.sg | Website: www.swissco.net

SWISSCO

# GENERAL ARRANGEMENT

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60 Penjuru Lane, Singapore 609214 | Tel: (65) 6265 2855 Fax: (65) 6264 1661

E-mail: [swissco@singnet.com.sg](mailto:swissco@singnet.com.sg) | Website: [www.swissco.net](http://www.swissco.net)