



## SWISSCO TOPAZ

45M 4000BHP AHT

### GENERAL DATA

Length Overall	45 m
Breadth	11 m
Depth / Draft	4.00m /3.20m
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.)
Gearbox	Reintjes WAF 763 ratio 5.429
Speed	Max 12 knots

### 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 <sub>2</sub> Flooding System
Life Jacket	40 pax
Life Raft	2 x 20 men, SOLAS standard
Life Buoy	8 sets, SOLAS standard
Fireman Outfit	2 units

### 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
Twin Cabin	3 units
4 Men Cabin	3 units
Total	20 men

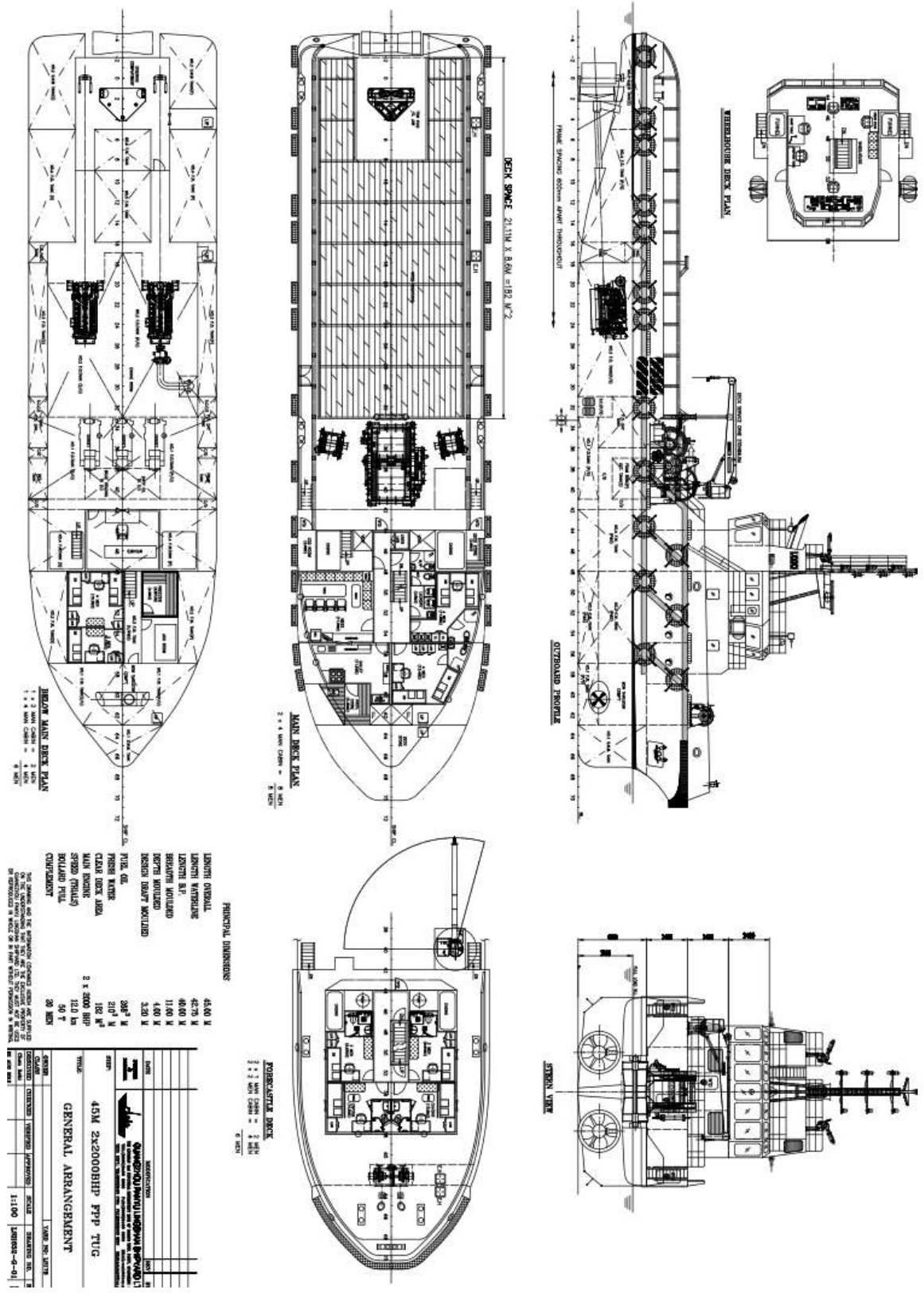
### OTHER INFORMATION

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



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\*Particulars are believed to be correct but not guaranteed. All figures given are approximate only. Owners reserve the right to amend the specifications without notification.