

Z-TECH™ - STAR TITAN

TUG



CERT NO.: 99-2-1008
ISO 9001 : 2008



CERT NO.: 2003-0214
ISO 14001 : 2004



CERT NO.: OHS-2001-0013
BS OHSAS 18001 : 2007

PRINCIPAL PARTICULARS

Year built	: 2012
Builder	: Cheoy Lee Shipyards Ltd
Designer	: Robert Allan Ltd
Class	: Lloyd's Register of Shipping + 100A1 Tug, + LMC, UMS, Fire Fighting Ship 1 Unrestricted voyages
Flag	: Singapore
Call sign	: 9VHY6
IMO no.	: 9511909
Official no.	: 398112

PERFORMANCE DATA

Max speed	: 13.0 knots
Bollard pull	: 70.0 tonnes

TANK CAPACITIES

Fuel oil	: 140.0 m ³
Freshwater	: 26.0 m ³
Dispersant	: 3.0 m ³
Foam	: 3.0 m ³

DIMENSIONS

Length overall	: 30.00 m
Breadth moulded	: 12.00 m
Depth moulded	: 5.00 m
Navigational draft	: 5.33 m
Gross tonnage	: 394
Net tonnage	: 118

TOWING AND DECK EQUIPMENT

Tow winch (fwd)	: MacGregor MG-HTW-0118U02288 hydraulic single split drum type
Brake holding	: 175 tonnes
Line pull (slack)	: 2.0MT at 0~40m/min
Anchor windlass (aft)	: 2 x MacGregor MG-HNW1-302U01424 hydraulic single reel SWR winch
Rated pull	: 3.0MT at 0~10m/min
Deck crane	: Palfinger PK11001M, 1.5t lifting capacity, 6m outreach

MACHINERY

Main engines	: 2 x 1999kW Cat 3516C (HD) @ 1600rpm
Generators	: 2 x 122kW Perkins 1006TWGM @ 1500rpm
Propellers	: 2 x Schottel SRP1515FP

ACCOMMODATION (FULLY AIR-CONDITIONED)

Officers	: 2 x 1 berth
Crew	: 2 x 3 berths and 1 x 2 berths
Total	: 10 berths
Sewage system	: Taiko Kikai SBT-15

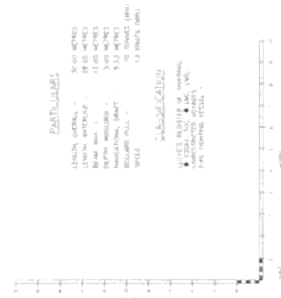
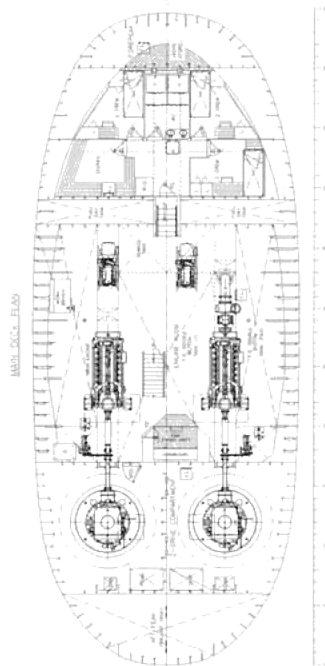
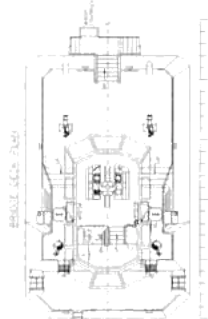
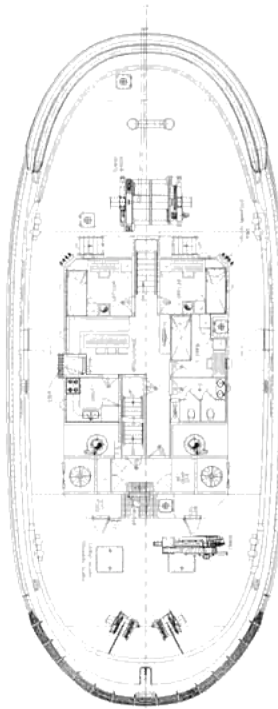
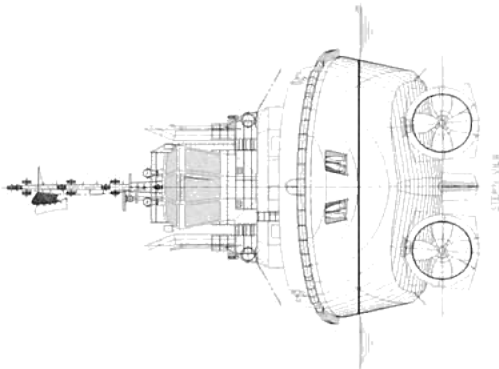
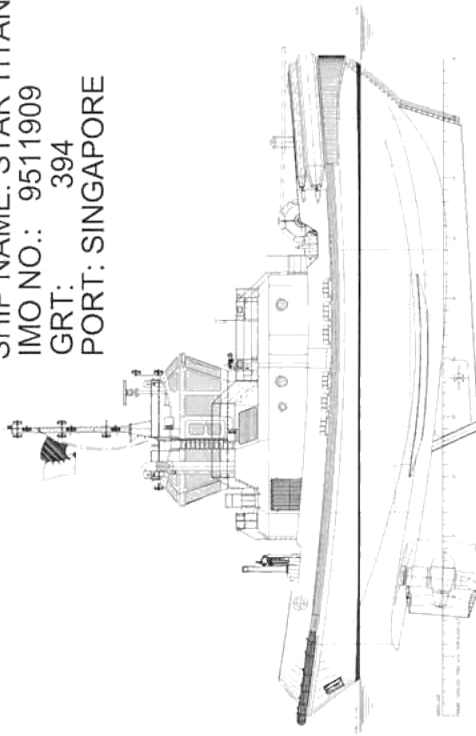
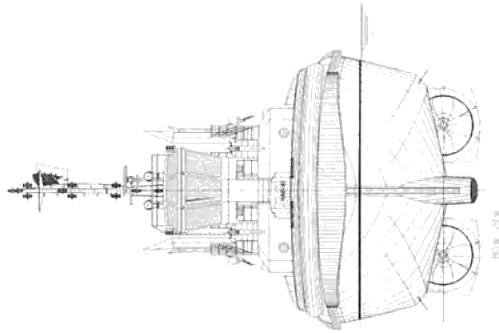
FIRE-FIGHTING / ANTI-POLLUTION EQUIPMENT

FiFi pump (PTO from stbd M/E)	: 1 x FFS SFP 300x400CW of cap 2740m ³ /hr @ 110m head c/w water curtain
FiFi monitor:	: 2 x FFS 1200/300 dual purpose foam/water of cap 1200m ³ /hr @ 10 bar
Oil dispersant system	: Tetra, nozzle type without spray boom

RADIO AND NAVIGATIONAL EQUIPMENT (GMDSS – A1+A2+A3)

Radar	: Furuno FR-1942 MARK 2
SSB transceiver	: Furuno FS-1570 w/ DSC
VHF transceiver	: 2 x Furuno FM-8800S w/ DSC
Echo sounder	: Furuno FCV-620
Immarsat C	: Felcom 15
Navtex receiver	: Furuno NX-7001
EPIRB	: McMurdo E5
SART	: McMurdo S5
Talkback system	: SEA 857
Magnetic compass	: Saura T-150IIF, 150mm binnacle w/ correcting sphere
Satellite compass	: Kodan KGC-1 c/w repeater
Auto pilot	: Raytheon NP 60
AIS	: Furuno FA-150
GPS	: Furuno GP-32
BNWAS	: Interschalt 103122
Hand-held VHF	: 2 x Sailor SP3520

SHIP NAME: STAR TITAN
IMO NO.: 9511909
GRT: 394
PORT: SINGAPORE



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DELIVERY DATE	2012-01-20	DELIVERY DATE	2012-01-20	DELIVERY DATE	2012-01-20
CHEONG LEE SHIPYARDS LTD. 100, ROBINSON ROAD, SINGAPORE 068912 TEL: (65) 6339 8888 FAX: (65) 6339 8889 WWW.CHEONGLEE.COM					
ROBERT ALLAN LTD. 100, ROBINSON ROAD, SINGAPORE 068912 TEL: (65) 6339 8888 FAX: (65) 6339 8889 WWW.ROBERTALLAN.COM					
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