



PRINCIPAL PARTICULARS

Year built	:	2009
Builder	:	Cheoy Lee Shipyards Ltd, Hong Kong
Class	:	Lloyd's Register of Shipping LRS + 100A1 Tug, + LMC, UMS, Unrestricted voyages
Flag	:	Singapore
Call sign	:	9V7357 9V7087
IMO no.	:	9511882 9511870
Official no.	:	393901 392808

DIMENSIONS

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

MACHINERY

Main engines	:	2 x 1999kW Cat 3516B @ 1600rpm
Generators	:	2 x 138.8kW Perkins 6TWGM @ 1500rpm
Propellers	:	Twin screw Fixed pitch - 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	:	1 x APS SFP 250x350 of cap 1400m³/hr @ 125m head c/w water curtain
FiFi monitor:	:	2 x FFS1200 dual purpose foam/water 600m³/hr

PERFORMANCE DATA

Max speed	:	13.0 knots
Bollard pull	:	70.0 tonnes

TANK CAPACITIES

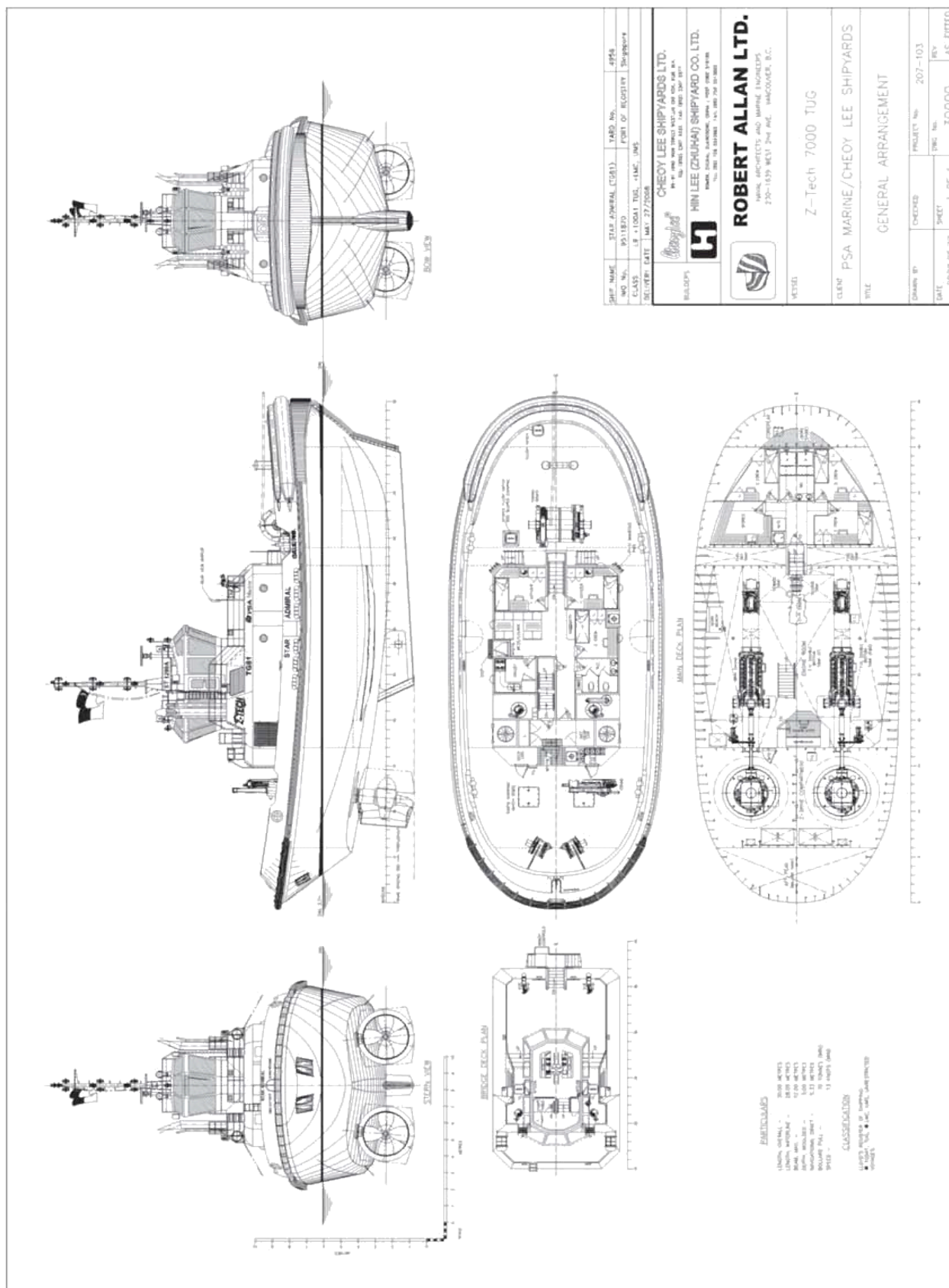
Fuel oil	:	140.6 m³
Freshwater	:	26.0 m³
Dispersant	:	3.0 m³
Foam	:	3.0 m³

TOWING AND DECK EQUIPMENT

Tow winch	:	Plimsoll PC-HTW/SD-10/175
Brake holding	:	175 tonnes
Line pull	:	10.0MT at 10m/min (low speed) 2.0MT at 40m/min (slack speed)
Anchor winch pull	:	2 x Plimsoll PC-HNW/SD-03/019 (sited at stern) 3T @ 10m/min
Deck crane	:	Hiab 121-1 SWL 1.8T @ 7.4m radius

RADIO AND NAVIGATIONAL EQUIPMENT

Radar	:	Furuno FR-1942 MARK 2
SSB transceiver	:	Furuno FS-1570
VHF	:	Motorola GM 338, Furuno FM-8800S
Echo sounder	:	Furuno FCV-620
Immarsat C	:	Felcom 15
Navtex	:	Furuno NX-700B
EPIRB	:	McMurdo E5
Talkback system	:	SEA 857
Magnetic compass	:	Saura T-150 IIF
Auto pilot	:	Raytheon NP 60
AIS	:	Furuno FA-150



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