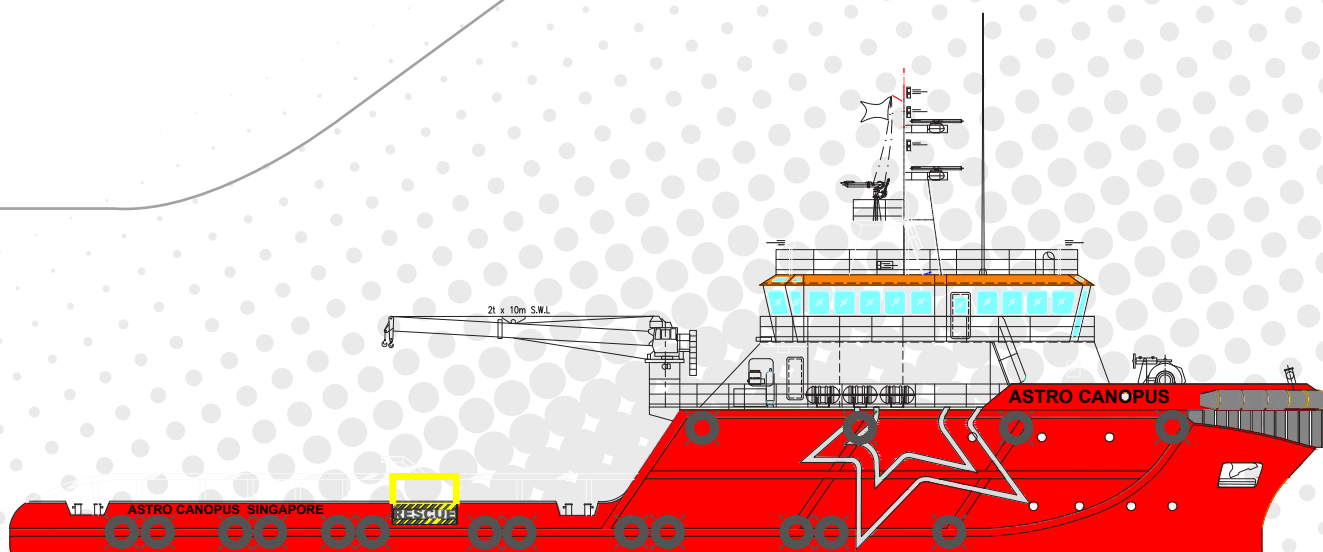




ASTRO CANOPUS

5,150 BHP ANCHOR HANDLING TUG
+ MULTI PURPOSE OFFSHORE SUPPLY VESSEL

A 50M modern AHT capable of 61.4T Bollard Pull featuring FiFi 1 and space for 30 berths. Suitable for towing, supply, anchor handling and general offshore support duties.

PRINCIPAL PARTICULARS

Length Overall	:	50M
Breadth	:	13.20M
Depth/draft	:	5.2M/4.5M
Classification	:	BV
Class Notation	:	X HULL X MACH, Tug ; Supply Vessel ; Fire Fighting Ship 1 ; Anchor Handling; Oil Recovery
Registry	:	Singapore
Call Sign	:	9V8394
Built	:	2010

MAIN ENGINE / GENERATOR

Main Engine	:	2 x 2575 bhp @ 1600rpm, Caterpillar 3516B
Generators	:	3 x Cummins KTA19-DM / 350 kw @ 1500rpm / 50 HZ
Emergency Generator	:	1 x Cummins 90kW @ 1500rpm
Gear Box	:	2 x Reintjes Laf 873L, 7.526 : 1
Propulsion	:	2 x CPP with kort nozzle
Bow Thruster	:	1 x 325 KW Nakashima TCT-105
Max Speed	:	12.5 Knots

DETAILS

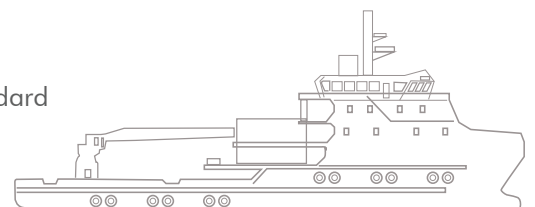
Deadweight	:	800 MT
Deck Space	:	234 M2
Deck Strength	:	7 T/M2
Bollard Pull	:	61.4T
Deck Loading	:	500 MT
GRT / NRT	:	1092 /327

ACCOMMODATION

1 Man Cabin	:	1 man x 4 = 4
2 Man Cabin	:	2 men x 3 = 6
4 Man Cabin	:	4 men x 5 = 20
Total	:	30 bunks
Hospital	:	1 man

SAFETY EQUIPMENT

External Fire Fighting	:	2 x 1200M3 / HR (FiFi 1)
Oil Dispersant System	:	2 x Cluster Nozzles
Firemain	:	12 Hydrants
Emergency Fire Pump	:	Electric driven, 25M3 / HR @ 45M head
Life Raft	:	6 x 20 men, SOLAS Standard
Fast Rescue Boat	:	1 x 6 Person, 50BHP
Fire Pump	:	50M3 / hr @ 40m Head



TANK CAPACITIES

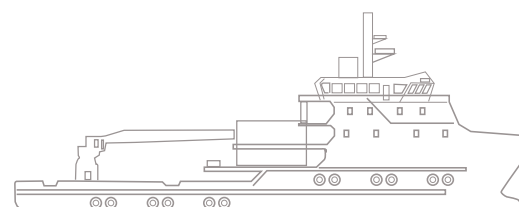
Fuel Oil	:	627.58 M3
Fresh Water	:	215.84 M3
Ballast / Bilge Pump	:	50 M3/ HR @ 50M head
Freezer / Chiller	:	10 M3/ 10 M3
Foam / Detergent	:	14.4 m3 / 16.9 M3
FO & FW Pump	:	60M / HR @ 75M head

DECK EQUIPMENT

AH / Towing Winch	:	1 x Electro /
	:	Hydraulic Double Drum
Line Pull	:	150T @ 0.6M / min (Low)
Static Brake	:	200T, First Layer
Tugger Winch	:	2 x 10T @ 10M / min
Anchor Windlass	:	5T @ 12M / min
Anchors	:	2 x 1080Kg HHP Anchor
Stern Roller	:	200T, 5M x 1.6M Dia
Capstan	:	2 x 5T @ 15M / min
Sharkjaw / Towing Pin	:	200T SWL
Towing Wire	:	1000M x 58mm Dia
Anchor Handling Wire	:	250M x 56mm Dia
Reefer Points	:	4 units
Deck Crane	:	2T @ 10M

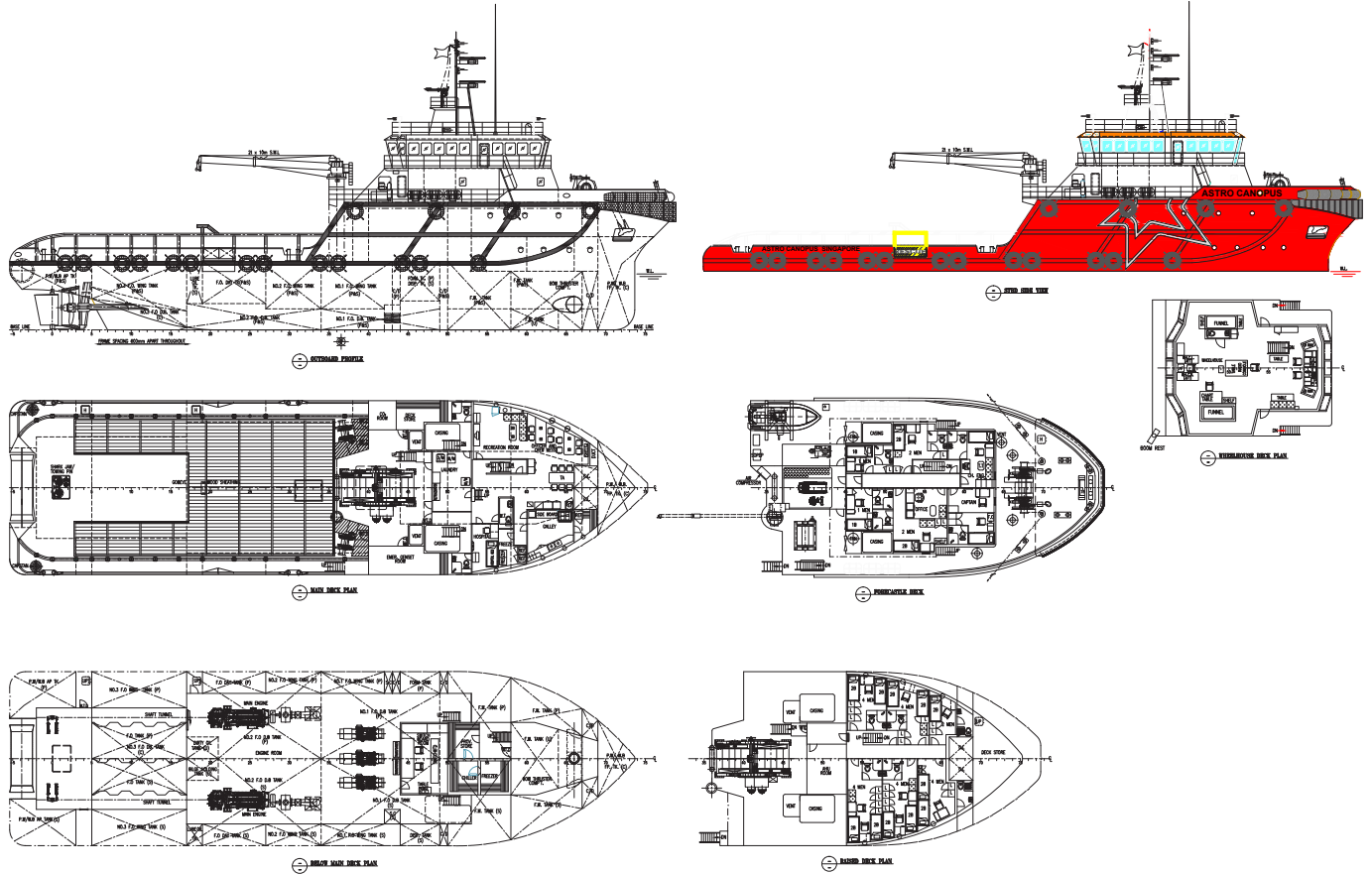
NAVIGATION / COMMUNICATION

Radar	:	Furuno 201 CR
Echo Sounder	:	Furuno FE-700/710
Magnetic Compass	:	Lilly & Gillie MK 200
Gyro Compass	:	Raytheo Anschord
	:	Digital Gyro STD-22
Inmarsat C	:	Furuno Felcom 15
GMDSS	:	Furuno FS-2571C
MF / HF	:	Furuno FS-2571C
Navtex	:	Furuno NX 700
EPIRB	:	Jotron Tron 60 S
SART	:	Jotron Sart 20
Speed Log	:	Furuno DS-80
Weather Fax	:	Furuno Fax -408
PA System	:	Vingtor CTB 10



GENERAL ARRANGEMENTS

GENERAL ARRANGEMENT PLAN - ASTRO CANOPUS



All details are believed to be correct but without guarantee

