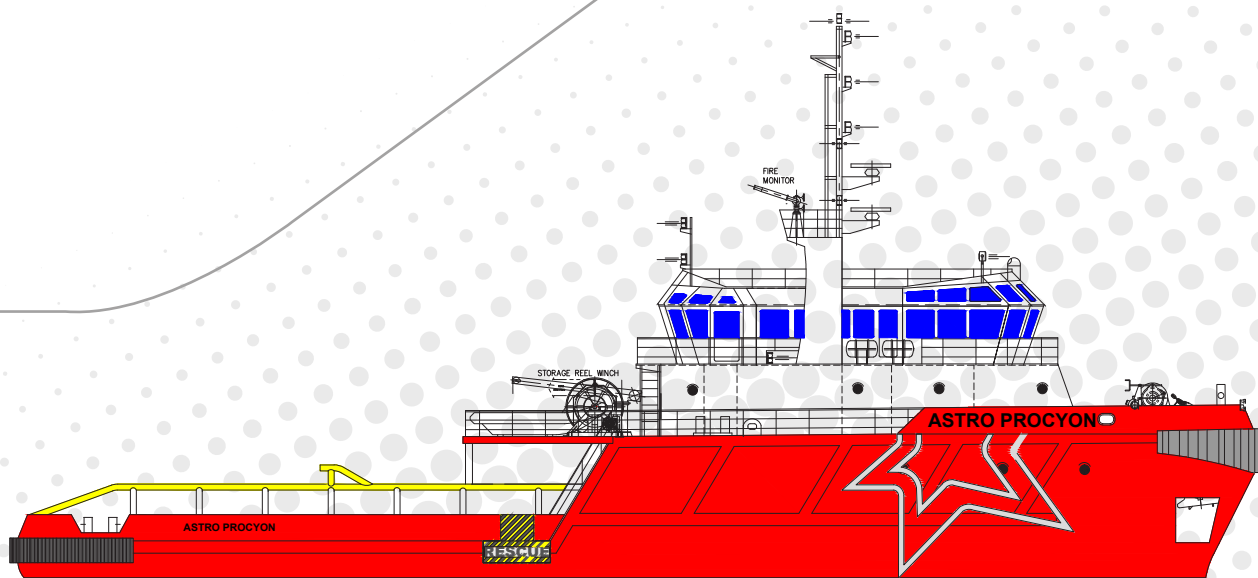




ASTRO PROCYON

5,150 BHP ANCHOR HANDLING TUG

A 45 M modern AHT capable of 61.25 T Bollard Pull and space for 22 berths. Suitable for towing, supply, anchor handling and general offshore support duties.

PRINCIPAL PARTICULARS

Length overall	:	45 M
Breath	:	12.6 M
Depth/Draft	:	5.3M/4.5M
Classification	:	ABS+A1(E)
Class Notation	:	+A1,Towing Vessel,AH,FFV 1 ,+AMS
Registry	:	Singapore
Call Sign	:	9V9426
Built	:	2012

DETAILS

Deadweight	:	551 MT
Deck Space	:	190 M ²
Deck Strength	:	5 Tons/M ²
Bollard Pull	:	65 Tonnes
Deck Loading	:	Approx 500MT
GRT / NRT	:	883/265

MAIN ENGINE / GENERATOR

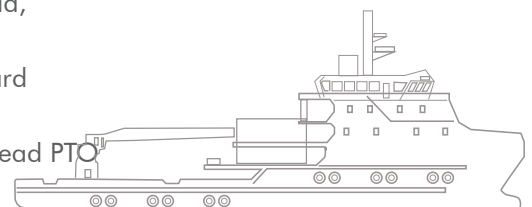
Main Engine	:	2 x 2570 BHP Caterpillar
	:	CAT 3516B @ 1800 RPM
Generators	:	2 cummins 380kW 415/3/50Hz.
Emergency Generator	:	1 x Cummins 6BTS.9G6 rated,
	:	80 kW, 415V/3PH/50Hz
Gear Box	:	2x415V/3PH/50Hz
Propulsion	:	2x FPP 4 Bladed Manganese Bronze
Bow Thruster	:	1 x Electric driven fpp 315kW
Max Speed	:	12.0 Knots @100%MCR

ACCOMMODATION

1 Man Cabin	:	4 Nos
2 Man Cabin	:	9 Nos
4 Man Cabin	:	Nil
Total	:	22 Nos
Hospital	:	1 man

SAFETY EQUIPMENT

External Fire Fighting	:	2 x 1200M ³ / HR (FIFI ½)
Oil Dispersant System	:	2 x Cluster Nozzles
Firemain	:	10 Hydrants
Emergency Fire Pump	:	1 x 30M ³ /HR @ 60m head,
	:	electric driven
Life Raft	:	4 x 25 men SOLAS standard
Fast Rescue Boat	:	1 x 6 men, 25BHP
Fire Pump	:	1 x 1400M ³ / HR 140M/head PTO
	:	to M/E



DECK EQUIPMENT

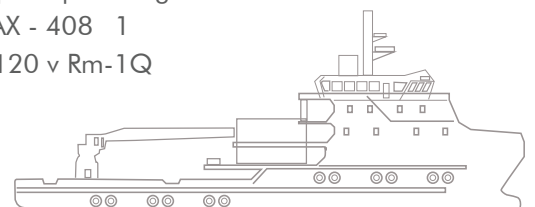
AH / Towing Winch	:	1 x Electro / Hydraulic Double Drum
Line Pull	:	1 x 100 Tonnes@0.6m/min
Static Brake	:	150 Tonnes on 1st layer each drum
Tugger Winch	:	2 x 10 Tonnes @ 10m/min
Anchor Windlass	:	3.9 Tonnes @ 0-12m/min
Anchors	:	2 x 1180kg Units Stockless Bower
Stern Roller	:	1 x 200 Tonnes 4.3mx1.3m dia
Capstan	:	2 x 5 Tonnes @ 15m/min
Sharkjaw / Towing Pin	:	1 x Karm Fork SWL 300 Tonnes /
	:	SWL 200 Tonnes
Towing Wire	:	1000m x 52mm Dia
Anchor Handling Wire	:	1000m x 52 mm
Reefer Points	:	4 Units
Deck Crane	:	FASSI F80 - SWL 10 Kn @ 6m

TANK CAPACITIES

Fuel Oil	:	449M3 @ 100%
Fresh Water	:	291M3 @ 100%
Ballast / Bilge Pump	:	1 x 50 M ³ /HR @ 60M Total
Freezer / Chiller	:	11.69 M3 / 10.8 M3
Foam / Detergent	:	8.9 M3 @100%
FO & FW Pump	:	FO=1 x 50M ³ /HR ,
	:	FW= 1 X 100M ³ /HR head

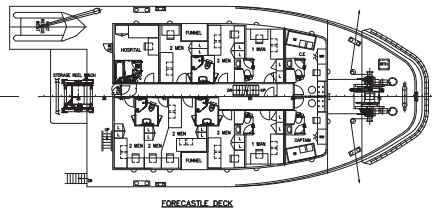
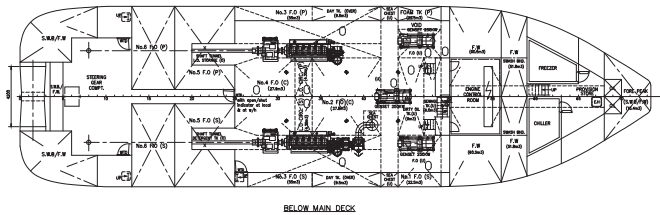
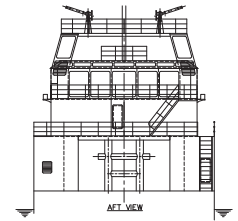
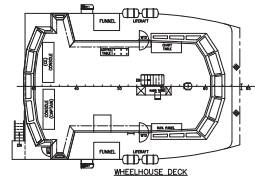
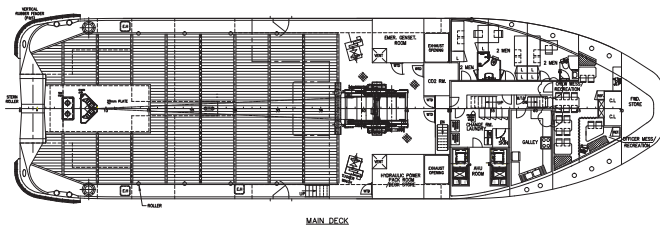
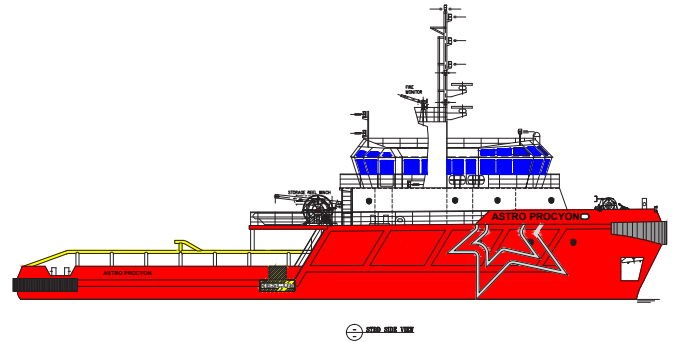
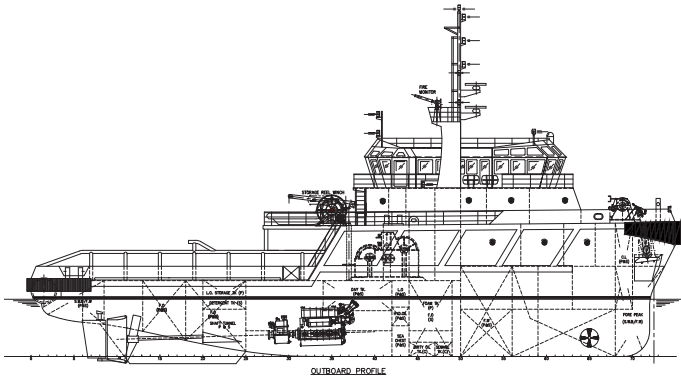
NAVIGATION / COMMUNICATION

Radar	:	1 x Furuno Far - 2117 /
	:	1 x Furuno FE 700
Echo Sounder	:	1 x Furuno Navigational
	:	Echo Sounder FE - 700
Magnetic Compass	:	1 x Saura Model MR - 150
Gyro Compass	:	1 x Anschutz Standard 20 Compact
Inmarsat C	:	1 x Furuno Model JUE-75 C and Mobile Easth Station
GMDSS	:	1 x Furuno RC - 1800 F
MF / HF	:	2 x Furuno FS1570
Navtex	:	1 x McMurdo Smart Fixed
	:	GMDSS Navtex
EPIRB	:	1 x McMurdo Smartlind
	:	E5 V2 Automatic
SART	:	2 x Smaffind Mcmurdo AIS-Sart
Speed Log	:	1 x Furuno DS-80 Doppler Speed Log
Weather Fax	:	1 x Furuno Facsimile FAX - 408 1
PA System	:	2 x Furuno 100 watts, 120 v Rm-1Q



GENERAL ARRANGEMENTS

GENERAL ARRANGEMENT PLAN - ASTRO PROCYON



All details are believed to be correct but without guarantee

