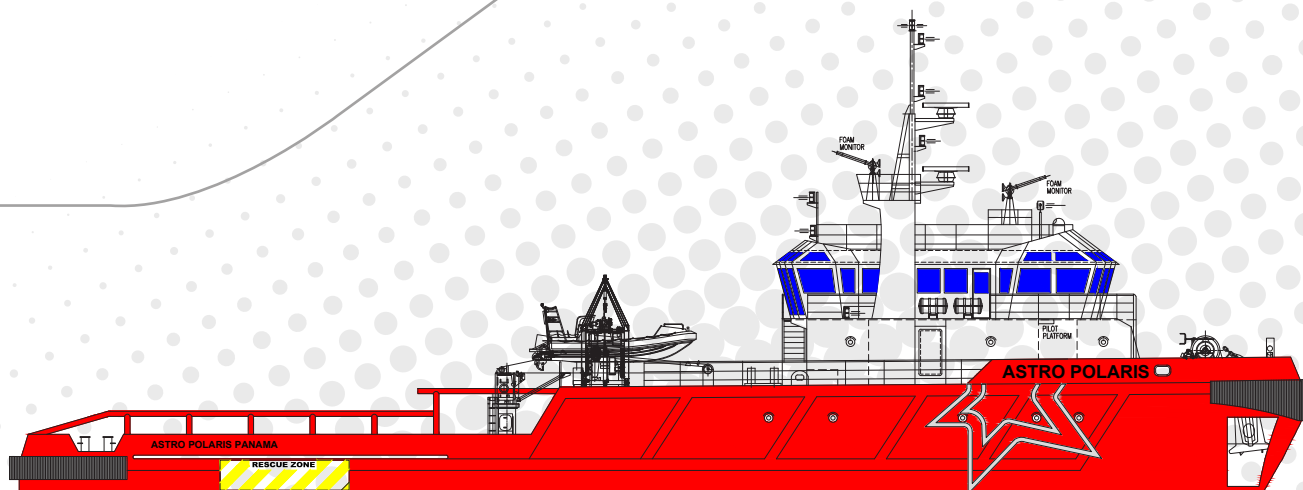




ASTRO POLARIS

ANCHOR HANDLING + SAFETY STANDBY TUG
5,150 BHP CLASS

A 50M modern AHT capable of 70 T Bollard Pull featuring FiFi 1 and space for 22 berths. Suitable for towing, supply, anchor handling and general offshore support duties.

PRINCIPAL PARTICULARS

Length overall	:	49.80 M
Breath	:	12.60 M
Depth/Draft	:	5.30 M
Classification	:	Bureau Veritas
Class Notation	:	I X HULL X MACH, Supply vessel ; Anchor handling Vessel ; fire Fighting ship Anchor handling vessel
Registry	:	Panama
Call Sign	:	HO5613
Built	:	2011

DETAILS

Deadweight	:	865.97 MT
Deck Space	:	Approx 200 m ³ (20 m X 10 m)
Deck Strength	:	5 Tons/M ²
Bollard Pull	:	70T
Deck Loading	:	500T

MAIN ENGINE / GENERATOR

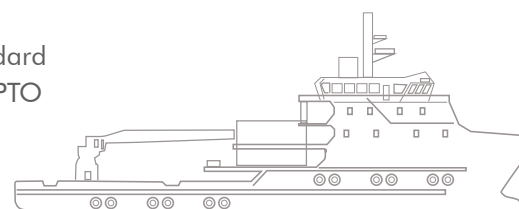
Main Engine	:	2 X 2575 BHP kw @750 RPM Yanmar 6EY26
Generators	:	3 X 239 kW @1500 RPM, Volvo Penta D9 MG
Emergency Generator	:	1 X 60kW, Volvo Penta D5A-T
Gear Box	:	2 X yx-2500 (3.03:1)
Propulsion	:	Fixed Pitch Propeller
Bow Thruster	:	5 Tons Volvo Penta 313 kW, 2,200 RPM
Max Speed	:	12 Knots

ACCOMMODATION

1 Man Cabin	:	2
2 Man Cabin	:	4
4 Man Cabin	:	3
Total	:	9 Cabin X 22 Man
Hospital	:	1 man

SAFETY EQUIPMENT

External Fire Fighting	:	2 x 1200M3 / HR (FiFi 1)
Oil Dispersant System	:	Spray Boom
Firemain	:	10 Hydrand
Emergency Fire Pump	:	30M3/HR
Life Raft	:	4 x 20 Men, SOLAS standard
Fast Rescue Boat	:	1 x 6 men Mercury 90 LPTO
Fire Pump	:	50M3/HR



DECK EQUIPMENT

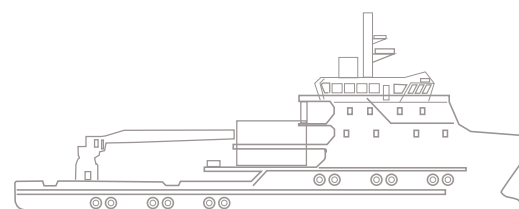
AH / Towing Winch	:	1 x Electro / Hydraulic Double Drum
Line Pull	:	120T
Static Brake	:	180T First layer
Tugger Winch	:	2 X 10 Tons X ø24 mm X 200 m
Anchor Windlass	:	3.9 T @ 10m/min
Anchors	:	2 X 1140 Kg Type
Stern Roller	:	200 Tons SWL
Capstan	:	2 x 3 T @ 15m/min
Sharkjaw / Towing Pin	:	200 Tons SWL
Towing Wire	:	1000m x 52mm Dia
Anchor Handling Wire	:	300m x 52mm Dia
Reefer Points	:	2 units
Deck Crane	:	1 x 2.5 T @ 9m

TANK CAPACITIES

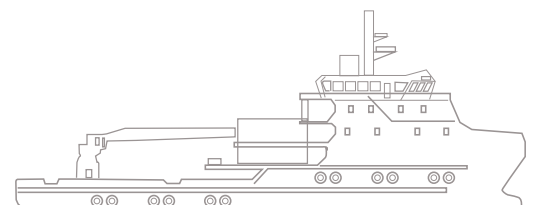
Fuel Oil	:	550M3
Fresh Water	:	220M3
Ballast / Bilge Pump	:	50M3/hr
Freezer / Chiller	:	1.5
Foam / Detergent	:	10.6
FO & FW Pump	:	50M3/HR

NAVIGATION / COMMUNICATION

Radar	:	Furuno 8086, Furuno FAR-2117
Echo Sounder	:	Furuno FE-700
Magnetic Compass	:	Daiko Keiki SR -150K
Gyro Compass	:	Anschutz Standard -22
Inmarsat C	:	Furuno Felcom-15
GMDSS	:	A1+A2+A3 (Furuno)
MF / HF	:	Furuno FS-2571C
Navtex	:	Furuno NX 700B
EPIRB	:	Samyung SEP-500
SART	:	Samyung - SAR 9
Speed Log	:	Furuno DS-80
Weather Fax	:	NIL
PA System	:	Ibuki Kogyo
BNWAS	:	SM Electric Le Guardian
VDR	:	Qingdao Head way Technology



GENERAL ARRANGEMENT PLAN - ASTRO POLARIS



All details are believed to be correct but without guarantee