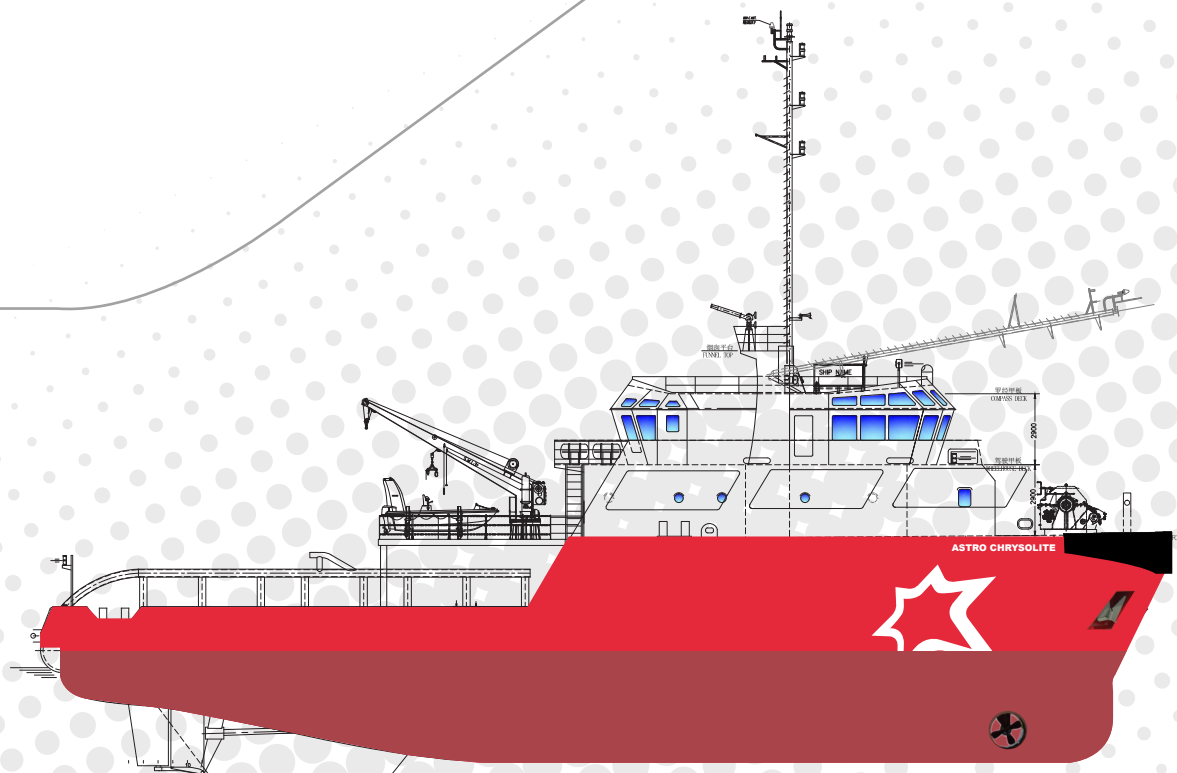




ASTRO CHRYSOLITE

5,150 BHP ANCHOR HANDLING TUG

A 46M modern AHT capable of 74.8T Bollard Pull and space for 20 berths. Suitable for towing, supply, anchor handling and general offshore support duties.

PRINCIPAL PARTICULARS

Length overall	:	46.0 M
Breadth	:	12.60 M
Depth/Draft	:	5.30M/4.50 M
Classification	:	BV
Class Notation	:	I + HULL +MACH Offshore support vessel (Anchor handling; Fire-fighting 1; Tug) Unrestricted navigation
Registry	:	Panama
Built	:	2016

DETAILS

Deck Space	:	163 M2
Deck Strength	:	5T/M2
BTollard Pull	:	74.8 T (Appox)
GRT/NRT	:	1,072/321

MAIN ENGINE / GENERATOR

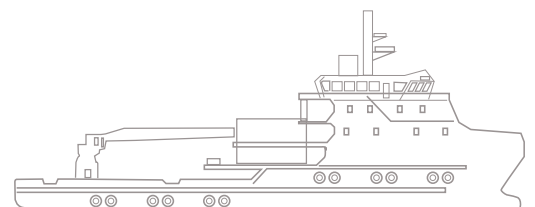
Main Engine	:	2 x 2575 bhp CAT 3516C
Generators	:	3x Cummins 265kW
Emergency Generator	:	1 x Cummins 112kW
Bow Thruster	:	1x Oceanus Marina Industry CPP 45KN
Max Speed	:	12 Knots

ACCOMMODATION

1 Man Cabin 2 Man Cabin	:	4 Units
2 Man Cabin	:	6 Units
2 Man Cabin	:	2 Units
Total	:	20 Men
Hospital	:	1

SAFETY EQUIPMENT

External Fire Fighting	:	2x1200m3/HR (FiFi 1)
Oil Dispersant System	:	2x Throw Nozzles
Emergency Fire Pump	:	Electric driven, 25m3
Fast Rescue Boot	:	1 x 6 men
Fire Pump	:	50m3/hr



DECK EQUIPMENT

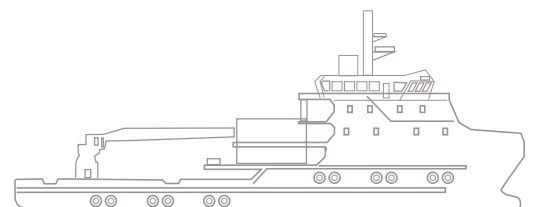
AH/Towing Winch	:	1 x Electro Hydraulic Towing Winch
Tugger Winch	:	2 x 3MT @ 15m/min electro hydraulic marine equipment
Anchor Windlass	:	1x hydraulic windlass, 3.8 tonne @ 12m/min
Capston	:	2x 10tonne@ 15m/min hydraulic marine equipment
Deck Crane	:	Max. hoisting height 30

TANK CAPACITIES

Fuel Oil	:	569.5m3
Fresh Water	:	178.7m3
Ballast / Bilge Pump	:	44.6m3/hr
Foom/Detergent	:	18.8m3/9.0m3
FO Pump	:	50m3/hr
FW Pump	:	50m3/hr

NAVIGATION / COMMUNICATION

Radar	:	2 x Furuno, FAR 2117, 1945
Echo Sounder	:	Furuno FE-700
Gyro Compass	:	Raytheon Anschuetz STD-22
GMDSS	:	Furuno FS-1575T
Navtex	:	Furuno NX-7008
EPIRB	:	McMurdo E5 Satellite
SART	:	2 x McMurdo S4
Speed Log	:	Furuno DS-80
PA System	:	Honshin HPA-7300-2



GENERAL ARRANGEMENT

PRINCIPAL PARTICULARS

LENGTH O.A.	46.00m
LENGTH W.L.	44.10m
BEAM M.D.	12.60m
DEPTH M.D.	5.30m
DRAFT DESIGNED/MAX.	4.00m/4.5m
COMPLEMENT	22 MEN

Table of Equipment:

ITEM NO.	NAME	QUANTITY	REMARKS
001	MAIN ENGINE	1	MANULUE
002	DEUTZ	1	MANULUE
003	DEUTZ	1	MANULUE
004	DEUTZ	1	MANULUE
005	DEUTZ	1	MANULUE
006	DEUTZ	1	MANULUE
007	DEUTZ	1	MANULUE
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091	DEUTZ	1	MANULUE
092			

A line drawing of a ship's hull and superstructure, showing the main deck, upper decks, and a funnel. The drawing is a side profile view, highlighting the ship's profile and the arrangement of its decks and structures.