Astro Offshore
An Adani Group Company



ASTRO CHRYSOLITE

5,150 BHP ANCHOR HANDLING TUG

GENERAL

Registry:	Funafuti
IMO Number:	9707338
MMSI:	572942220
Call Sign:	T2KR6
Year Built:	2016
Builder:	Poet Ship Building & Engineering PTE LTD
Class:	Bureau Veritas
Classification:	I + HULL +MACH Offshore support vessel (Anchor handling; Fire-fighting 1; Tug) Unrestricted navigation

PRINCIPAL PARTICULARS

Length OA:	46.00m
Depth Moulded:	5.30m
Draft (Design):	4.50m
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Bollard Pull:	74.8T
Gross Tonnage:	1,072T
Net Tonnage:	321T

PERFORMANCE

Trial Speed:	12.0 Knots

MACHINERY

Main Engine:	2 x 2,575 BHP CAT 3516C
Generators:	3 x Cummins 265kW
Emergency Generator:	1 x Cummins 112kW
Bow Thruster:	1 x Oceanus Marina Industry CPP 45KN

NAVIGATION

Radars:	2 x Furuno, FAR-2117, 1945
Gyro Compass:	Raytheon Anschuetz STD-22
Speed Log:	Furuno DS-80
SART:	2 x McMurdo S4
Echo Sounder:	Furuno FE-700
NAVTEX:	1 x Furuno NX 700B

ACCOMMODATION

One Man Cabins:	4
Two Man Cabins:	9
Total POB:	22
Medical Bay:	1

DECK EQUIPMENT

Gangway:	1 x Aluminium Gangway @ 3m x 0.6m, 0.325T 1 x Aluminium Gangway @ 5m X 0.60m, 1.2T
Deck Space:	163m²
Deck Strength:	5.0T / m²
Deck Crane:	Davit Crane
Tugger Winch:	2 x 3T @ 15m / min electrohydraulic marine equipment
Anchor Windlass:	1 x hydraulic windlass, 3.8T @ 12m / min
Bow Thruster:	1 x 5T Kawasaki Thruster, KT-43B1
Capstan:	2 x 10T @ 15m / min hydraulic marine equipment
Towing / AH Winch:	Waterfall, Zicom AHTQ-100-100-01, 80T @ 0-5 / min
Towing / AH Wire:	48mm @ 795m & 48mm @ 755m

CAPACITIES

Fuel Oil:	569.5m³
Fresh Water:	178.7m³
Ballast / Bilge Pump:	44.6m³
Foam:	18.8m³ / 9.0m³
Detergent:	9.0m³

DISCHARGE RATES

FO & FW Pump:	50m³ / hr

SAFETY EQUIPMENT

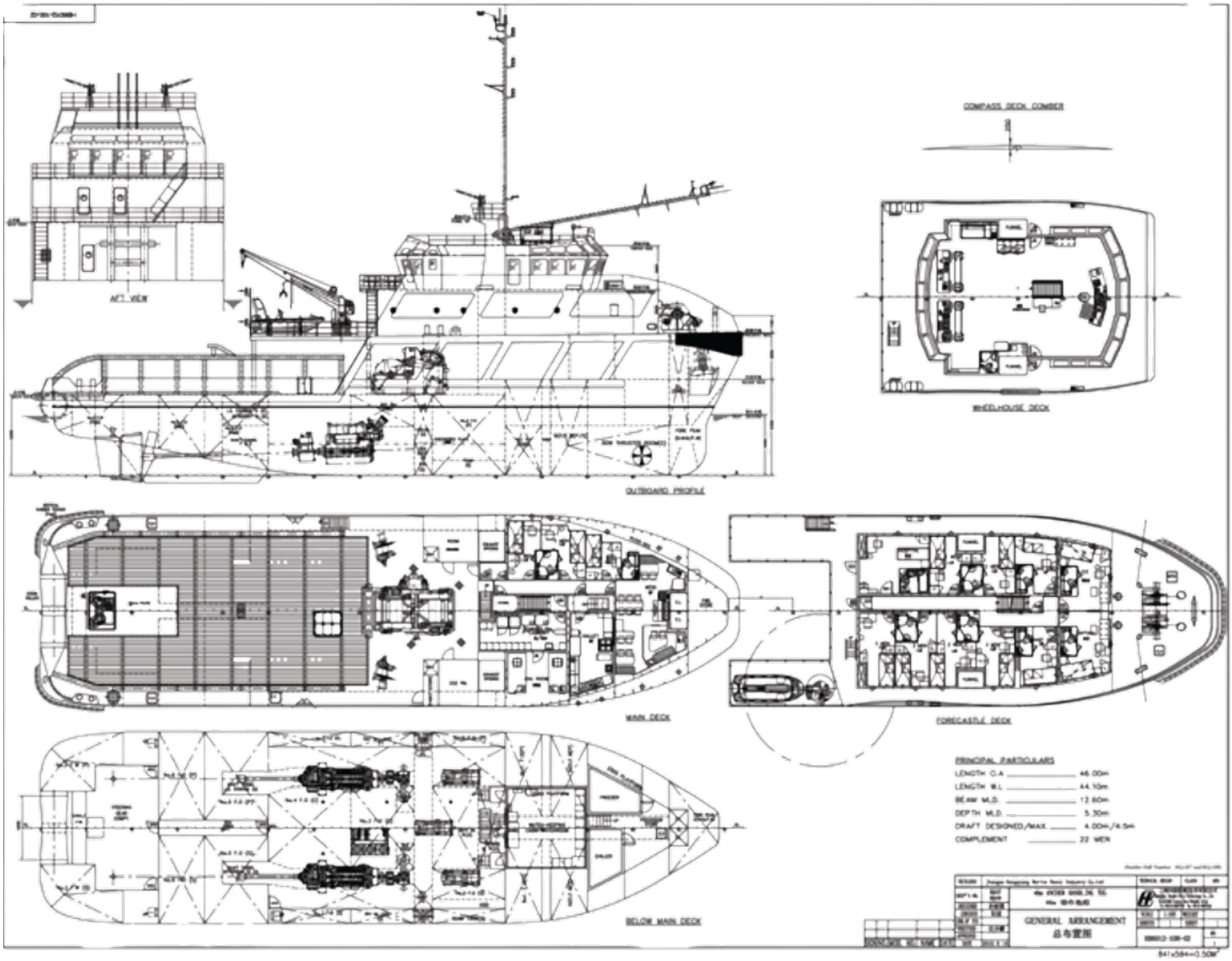
FiFi Class 1 System Pumps:	2 x 1,200m³ / hr
Fire Pump:	50m³ / hr
Emergency Fire Pump:	Electric driven, 25m³
Oil Dispersant System:	2 x Throw Nozzles

RESCUE EQUIPMENT

Fast Rescue Boat:	1 x 6 men

COMMUNICATION

GMDSS:	Furuno FS-1575T
PA System:	Honshin HPA-7300-2
EPIRB:	McMurdo E5 Satellite



All particulars are believed to be correct but without guarantee