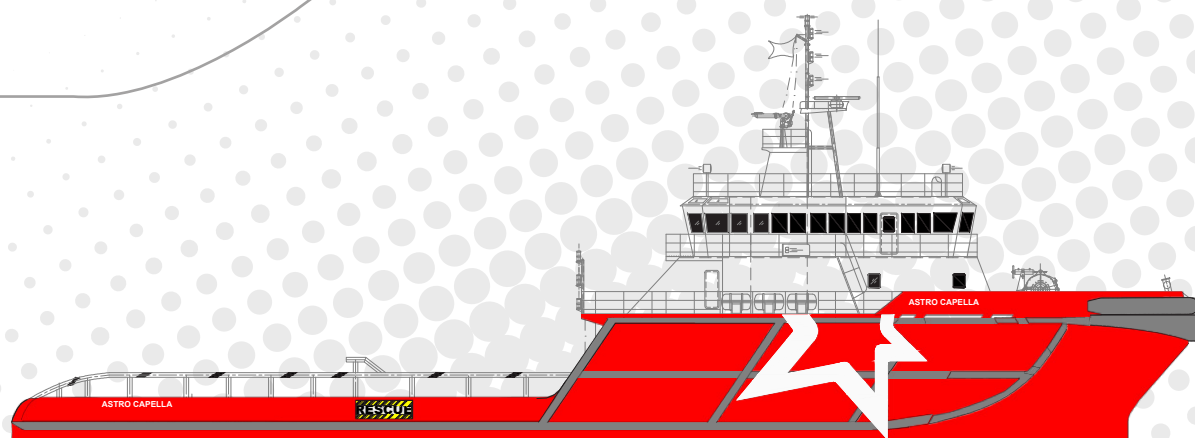




ASTRO CAPELLA

5,150 BHP ANCHOR HANDLING TUG

A 50M modern AHT capable of 70 T Bollard Pull featuring FiFi 1 and space for 38 berths. Suitable for towing, supply, anchor handling and general offshore support duties.

PRINCIPAL PARTICULARS

Length overall	:	50.0 M
Breath	:	13.20 M
Depth/Draft	:	5.20 M / 4.50 M
Classification	:	Bureau Veritas
Class Notation	:	I X HULL X MACH
		Tug; Supply vessel; Fire fighting ship; 1 -water spraying; Special service; Anchor handling vessel; Oil Recovery
Registry	:	Panama
Call Sign	:	HO8276
Built	:	2012

MAIN ENGINE / GENERATOR

Main Engine	:	2 x 2575 bhp @ 1600rpm,
	:	CAT 3516B
Generators	:	3 x CAT 18 /
	:	Leroy Somer 1500rpm
	:	350kw/50Hz/3ph
Emergency Generator	:	1 x Cummins 83kW @ 1500rp
Gear Box	:	Reintjes-Germany, 7.526: 1
Propulsion	:	2 x CPP with kort nozzle, ZF KH
Bow Thruster	:	1 x 5 Ton Kawasaki Thruster,
	:	KT-43B1
Max Speed	:	13 Knots

DETAILS

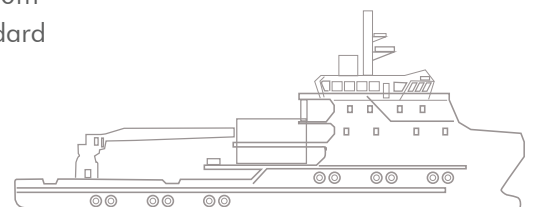
Deadweight	:	Approx. 750 T
Deck Space	:	234 M2
Deck Strength	:	7T/M2
Bollard Pull	:	70 T
Deck Loading	:	Approx. 500T
GRT / NRT	:	1,092 / 327

ACCOMMODATION

1 Man Cabin	:	4 Units
2 Man Cabin	:	1 Units
4 Man Cabin	:	8 Units
Total	:	38 Men
Hospital	:	2 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	:	Diesel driven, 50m3 @ 40m
Life Raft	:	6 x 20 men, SOLAS standard
Fast Rescue Boat	:	1 x 6 men, 25bhp
Fire Pump	:	80m3 / hr @ 70m head
Fuel Oil	:	595m3
Fresh Water	:	215m3



TANK CAPACITIES

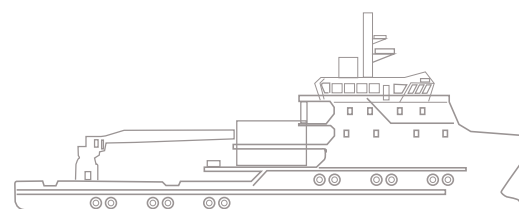
Ballast / Bilge Pump	:	50m ³ /hr @ 40m head
Freezer / Chiller	:	10m ³ / 10m ³
Foam / Detergent	:	15m ³ / 15m ³
FO & FW Pump	:	60m ³ /hr @ 75m head

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 10MT @ 10m/min electro hydraulic marine equipment
Anchor Windlass	:	1 x electro - hydraulic windlass,
	:	5 tonne @ 12m/min, 36mm cable
Anchors	:	2 x 1080Kg HHP Anchor
Stern Roller	:	SWL 200T, 5m x 1.6m
Capstan	:	2 x 5 tonne @ 15m/min electro/
	:	hydraulic marine equipment
Sharkjaw / Towing Pin	:	SWL 200T, 5m x 1.6m
	:	200T SWL
Towing Wire	:	200m x 52mm(dia) for AH
	:	700m x 52mm (dia) for towing
Anchor Handling Wire	:	200m x 52mm Dia
Reefer Points	:	4 units
Deck Crane	:	2T @ 6m

NAVIGATION / COMMUNICATION

Radar	:	2 x Furuno, FAR-2117, 1942 MK2
Echo Sounder	:	Furuno FE-700
Magnetic Compass	:	Saura M150
Gyro Compass	:	Simrad GC80
Inmarsat C	:	Furuno Felcom-15
GMDSS	:	Furuno RC 1800F
MF / HF	:	Furuno FS 1570
Navtex	:	Furuno NX-700B
EPIRB	:	IECDIS Electroni Chart Display
	:	Information System
SART	:	Jotron
Speed Log	:	Furuno DS-80
Weather Fax	:	Furuno Fax - 408
PA System	:	Phonotech SPA 1500



The image displays a set of architectural drawings for the ship **ASTRO CAPELLA**, which is 145 meters long. The drawings include:

- Perspective View:** A 3D rendering of the ship from the starboard side, showing the red hull, white superstructure, and the large white zig-zag logo on the side.
- Profile:** A side elevation of the ship, showing the hull form, deck levels, and the mast structure.
- YACHT DECK:** A plan view of the uppermost deck, showing the layout of the swimming pool, sunbather deck, and various service areas.
- MAIN DECK:** A plan view of the main deck, showing the layout of the casino, lounge, and other recreational areas.
- FORECASTLE DECK:** A plan view of the bow deck, showing the layout of the forward lounge and other areas.

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.