

OSV ARTABRO

Offshore ROV & Survey Support vessel



HEAD OFFICE: ACSM Agencia Marítima S.L.U. C/Doctor Cadaval 2 – 4F 36.202 Vigo (Spain)

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GENERAL INFORMATION

Name	ARTABRO
Type	Offshore Supply Vessel
Build / year	UT745E Aker Langsten AS Norway 2004
IMO number	9297785
Call sign	C6PTP8
MMSI	311741000
Flag	Spain
Port of registry	S/C de Tenerife
Classification of ship	DNV 1ª1 CleanCOMF (V-3) DK(+) DYNPOSS (AUTR) E0
Owner	ACSM Agencia Maritima SLU

MAIN PARTICULARS

Length overall	90,70m
Lenght Lbp	78,80m
Breadth	18,80m
Depth to main deck	7,6m
Draught	5,5m
Gross tonnage (GT)	3.757
Net tonnage (NT)	1.128

POWER & PROPULSION

TYPE	Diesel electric
GENERATION PLANT	
Engines	4 x BERGEN C25: 33L6A, (1740 kW - 900 RPM)
Alternators	4 x ABB AMG 630 S08, 690V-60hz 3ph
Harbour/Emergency generator	CAT 3408 TA Capacity: 390,5 kW, 200kVA, 690V-60hz 3ph
Power	690V /440V/ 220V 60hz 3ph
PROPULSION	
Azipull	2 x RRM AZP 120/86-320/US305CP 2500kW 171rpm
Bow tunnel thruster	Ulstein Propeller TT 2200 DPN-SS-CP, 241rpm/883 kW
Bow azimuth thruster	Ulstein Propeller TCNS 73/50-180, 241 rpm/883 kW

CARGO CAPACITIES

Fuel oil capacity	740 m³ / 666 tn / dens 0.900
Potable water	338 m³ / 338 tn
Ballast water	1557 m³ / 1596 tn / dens 1.025
Slop	646 m³ / 646 tn / dens 1.000

BRIDGE EQUIPMENT

NAVIGATION

Autopilot	1 x Anschutz Pilotstar D w/double amplifie
Gyro	3 x Anscutz std 22 gyro compass
Radar S	1 x FURUNO FAR-2835 S-band radar
Radar X	1 x FURUNO FR-2115 X-band radar
Radar Slave	1 x Furuno FR-1510 Mk3 in overh. Consol aft
GPS	1 x Furuno DGPS, Mod.GP 90
AIS	1 x Furuno FA-100 interfaced to electronic charts
Doppler	1 x Furuno Doppler Speed Log Model DS-80
Echo sonder	1 x Furuno Model FE-700
ECDIS	1 x TELCHART, Mod. T-2025 with slave aft.

COMMUNICATION

GMDSS Sea Area:	A3
VSAT	1 x ERZIA SAILOR TT 7016

ACCOMMODATION

Capacity	50 Persons
Single Berth cabins	14
Two berth cabins	18
Hospital	1 Berth
Mess Room	1/26 Seats
Day rooms	2
Laundry	1
Ship Office	1 Client, 1 ROV & Survey
Conference Room	1
TV-SAT	1 x SEATEL Serie 04 Antenna
Survey Room	1 Online Bridge, 1 Offline D Deck
Cool store/Freezer	8,4m² / 9,4m²
Dry provision	11,7m²

PERFORMANCE

Maximun speed	16,75 Knots
Service speed	10 – 12 Knots
Consumption at max. speed	22 Tn/Day
Consumption at service speed	10Tn/Day
Consumption at DP	8-9 Tn/day (Weather dependant)
Consumption in port	1,5 Tn/day

DYNAMIC POSITIONING DP2

Type	KONGSBERG SDP21
Independent Joystick System	Poscon
Capability Plot	Yes
FMEA	Yes
REFERENCE SYSTEM	
DGPS	2 x FUGRO 9205
HIPAP	KONGSBERG 501
Laser Radar	Fanbeam 4 MDL
RAdius	RAdius 1000
SENSORS	
Gyro	3 x Anschutz std 22 gyro compass
Wind Sensor	2 x DEIF WSS4189350026E
VRS	2 x KONGSBERG MRU 5

DECK & CRANES

Working deck area	850m²
Deck cargo	600Tn
Deck strength	10 Tn/m²
Moonpool (option)	4,80m x 4,80m
Crane 1	TSS Marine GPK
AFRAME	3Tn @ 12m radius Breeman International
Windlass (Split P&S)	SWL 35Tn
Capstans	Anchor windlass type RRM BRATTVÅG BFMG63.044
Cable Chute	2 x Capstan type RRM Brattvåg CM4110 TMG SL
	Wide on deck – 1,75m
	Wide on aft – 3m

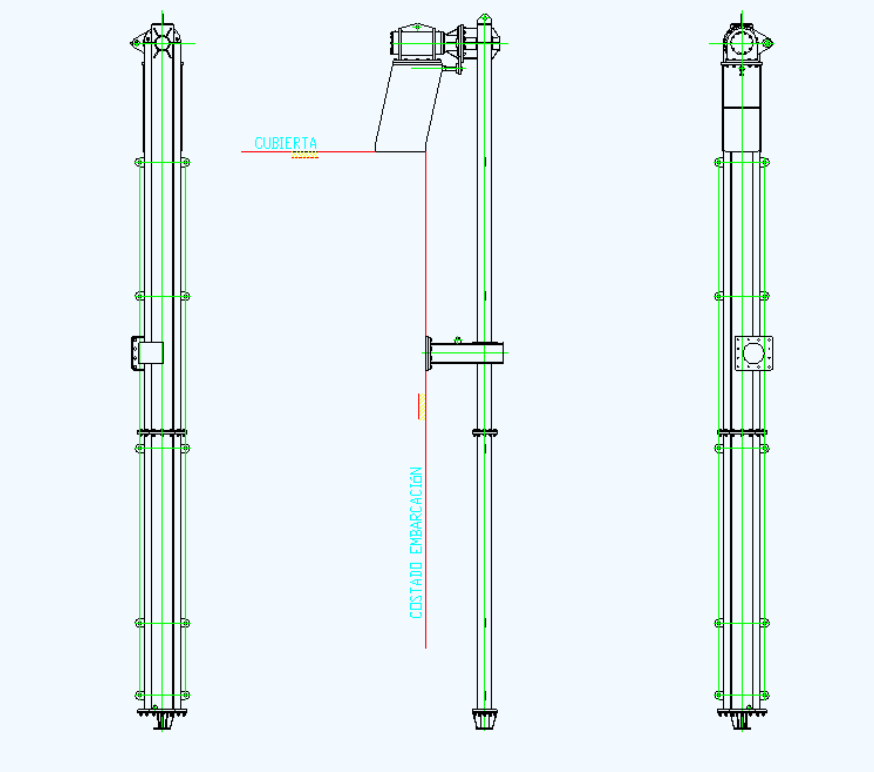
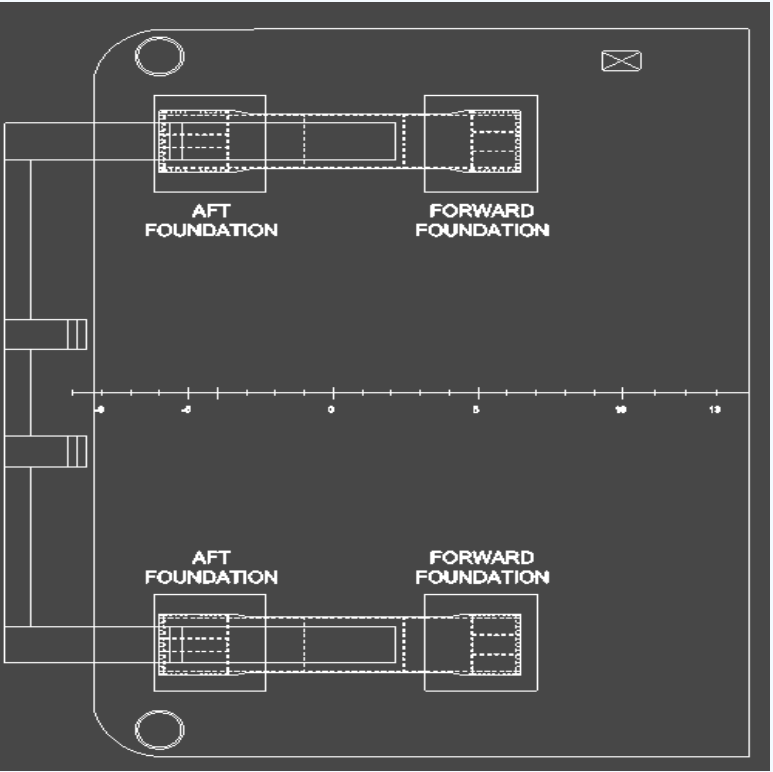
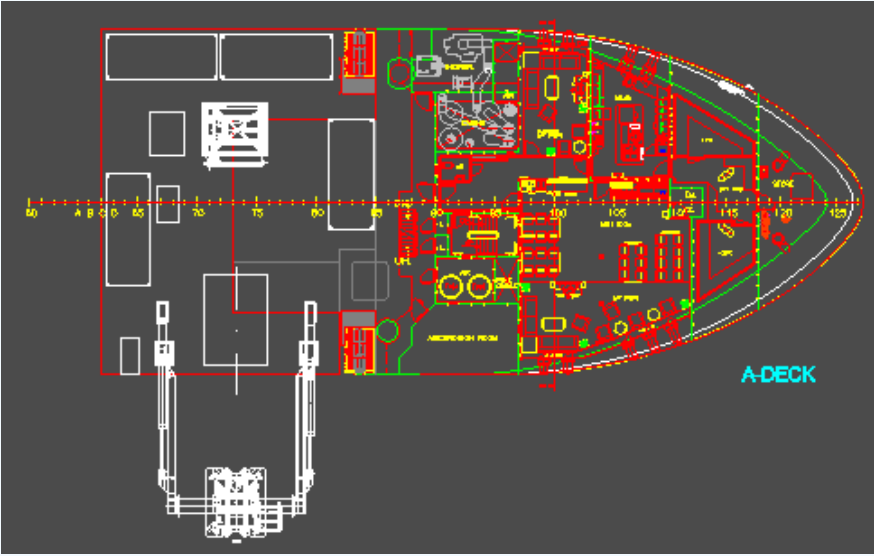
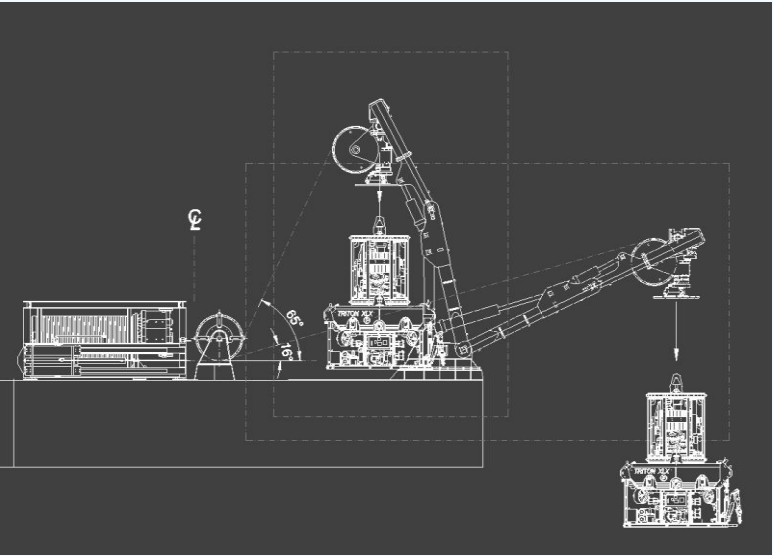
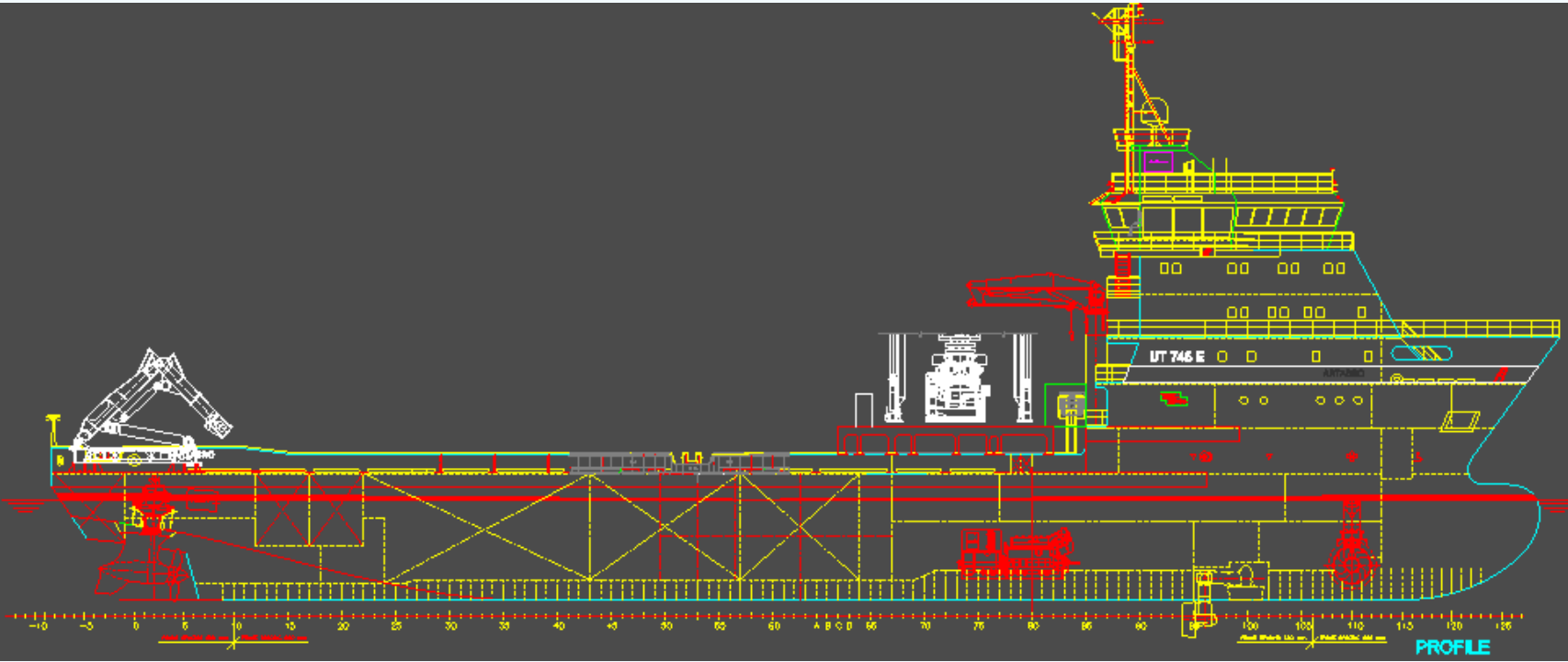
DECK EQUIPMENT

WINCH	IBERCISA MAX-C/H/225/5600-28
	Wire options
	Cable diameter 28mm Cable capacity 5.600m
	Cable diameter 26mm Cable capacity 6.700m
	Cable diameter 24mm Cable capacity 8.000m
	Performance
	Layer 1 pull 46,8Tn
	Brake pull 70Tn
POLE	ACSM & MECOXI Desing
	Length 12m
	Weght 3Tn
	Liftin system 2,2kW

ROV

MEZZANINE DECK

Dimension	14m x 18,8m, 225,6m²
Deck load	150Tn
Power supply	690V 440V 220V 60hz 3ph, 1.000A



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