

DP2 OSV ARTABRO joined ACSM in 2021. It is designed for a broad range of subsea operations, from ROV inspection and Survey to submarine cables installation and maintenance.

The vessel is suited for a broad range of activities: **ROV detailed Geophysical** and **UXO survey**, **Geotechnical survey**, **ROV** inspection and intervention, **Cables** Installation, **Route Clearance**, **PLGR**, **Mattresses** Installation, **Decommissioning** support activities.

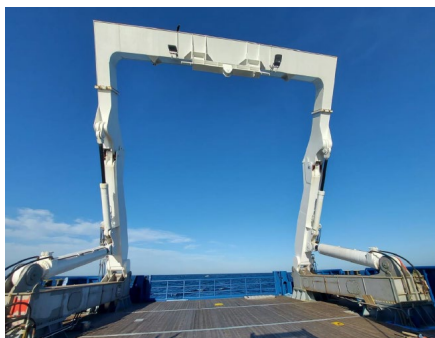
The **35T stern A-frame** and **25T starboard crane** enable the deployment of any type of heavy equipment.

The ARTABRO has a **150 HP WROV** (400 m depth rated) permanently mobilized.



MAIN CHARACTERISTICS

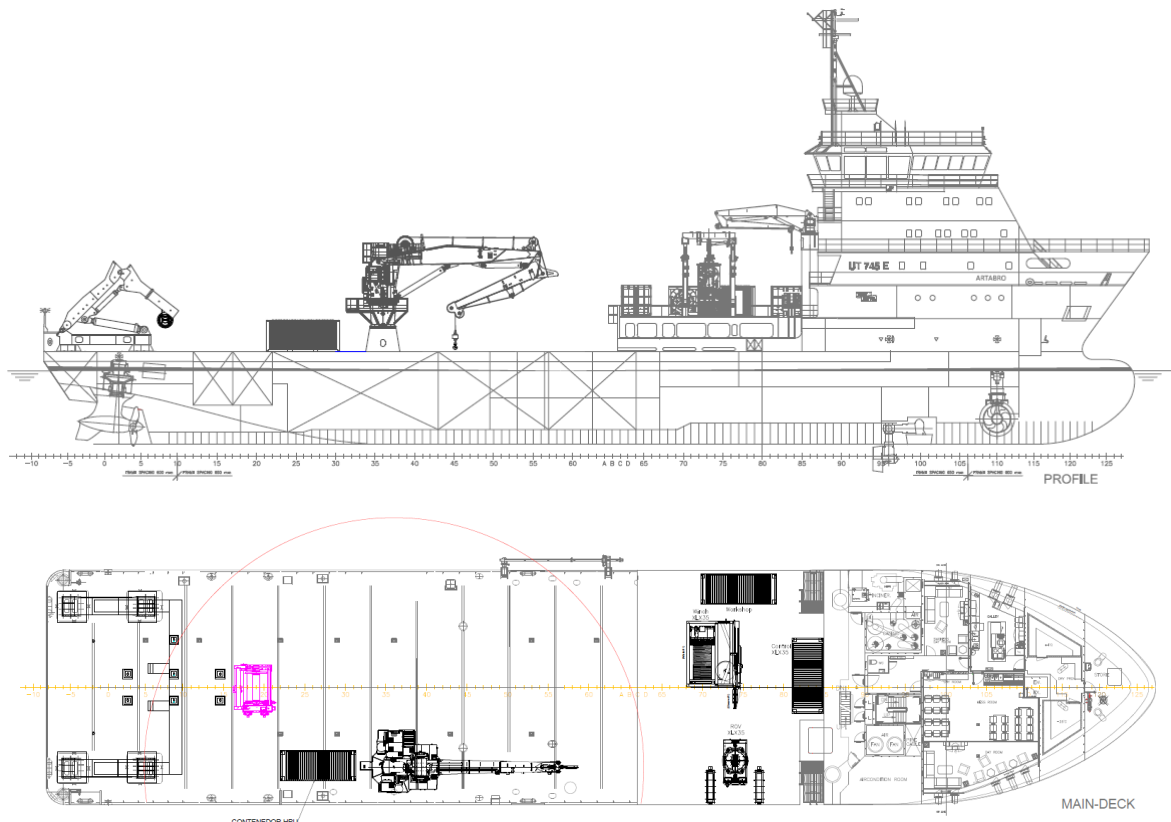
- **90 meters long**
- **Rebuilt in 2021**
- Accommodation for **50 people**
- **150 HP WROV (4000 m depth rated)** permanently mobilized on board with survey equipment already installed (**MBEs**, **SSS/SBP**, **Gradiometer**).
- **MBES Pole.**
- **Online and survey room, processing survey room and Client's offices** available on board.



The **35-ton A-Frame** has the following dimensions: 7.5 m of maximum outreach (from the vessel), 13.95 m width x 11.95 m height. The **AHC crane with 25T@8m** allows for construction support works: mattresses and rock bags installation, etc.

ARTABRO allows for a quick mobilization of **cable-laying spread**, including carousel, tensioners rollers, cables drums, LCE and chute.

The **850 m2** of free deck space for project use, coupled with deck winch and the A-Frame, enables for a broad range of services, from route preparation, installation to decommissioning.



GENERAL

Builder / Year	UT745E Aker Langsten AS, Norway / 2004 (rebuilt in 2021)
Flag / Port of Registry	Spain / St. Cruz Tenerife
Classification	DNV +A, DP2, E0, DK+, AUTR, Clean, COMF-V(3)
IMO No. / Call Sign	9297785 / EAQK

MAIN DIMENSIONS AND ACCOMMODATION

Length OA	90.70 m
Length BP	78.80 m
Breadth	18.80 m
Depth	7.60 m
Draft	5.50 m
Gross tonnage (GT)	3757 T
Net tonnage (NT)	1128 T
Accommodation	50 people

DECK & EQUIPMENT

Main Deck Area	850 m ² @ 10 T/m ²
Deck Cargo	600 T – 1000 T
Aft A-Frame	SWL 35T DNV load test Feb. 2022 AHC Heila Crane 25 T@8 m and 1500 m Effer Marine 210 - 5,5 T@7,75 m
Deck Crane	
Winches	2x Windlass 22 T, 2x Capstan 10 T, 1 x Tow Winch 45 T, 2x Tugger Winch 10 T
Deck Power supply	440 VAC, 600 A, 60 Hz, 3 ph

ROV & SURVEY

Work Class ROV	Perry Triton XLX 35 150 Hp, 4000 m
LARS	21T A-Frame & 21 T Winch up to Sea State 6
Survey Pole	ACSM & MECOXI Design, length 12 m, for MBES and SBP installation

PERFORMANCE

Transit Speed	12 knots
Fuel Consumption	16 t/day, 7 t/day (DP)
Endurance	45 day
Accommodation for	40 pax
Cabins	23 single/double cabins

POWER & PROPULSION

Propulsion System	Diesel-Electric 4 x Rolls Royce Marine Bergen C25 (1740kW – 900 RPM)
Alternators	4 x ABB AMG 630 S08, 690V-60hz 3ph
Harbour/Emergency Generator	CAT 3408 TA Capacity: 390,5 kW, 200kVA
Azipull	2 x RRM AZP 120/86-320 2500kW 171 rpm
Bow Tunnel Thrustet	Ulstein Propeller TT 2200 rpm/883 kW
Bow Azimuth Thruster	Ulstein Propeller TCN573/50 241 rpm/883 kW

DP SYSTEM

DP System	Kongsberg KPOS DP11 (upgrade Feb. 2022)
USBL	1x Kongsberg 501 HIPAP
DGPS	2 x Fugro 9205

CARGO CAPACITIES

Fuel oil capacity	704 m ³
Fresh water	338 m ³
Ballast water	1557 m ³