



# TECHNO DIVE

Diving and Salvage



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Approved by: ABS, BV, LR, DNV, NKK, RINA and KR







# About our Company

TTECHNO DIVE S.A. stands as the premiere diving and salvage company in Uruguay, having earned acclaim for its dedication to safety, quality, and customer satisfaction in delivering underwater services to both maritime and inland industry sectors since April 1987.

Established with a clear mission to provide excellence in its domain, our company had honed its expertise in underwater inspections, afloat repairs and salvages. Through relentless dedication, we have positioned ourselves as leaders in the industry, consistently pursuing advancements in equipment and methodologies to ensure optimal outcomes and heightened safety standards for our clientele.





All diving operations  
comply with  
international  
regulations and  
requirements.

We are one of the most experienced and qualified diving company in the area as we have been approved and certified by the following class societies:

- AMERICAN BUREAU OF SHIPPING
- BUREAU VERITAS
- LLOYD'S REGISTER OF SHIPPING
- DET NORSKE VERITAS
- NIPPON KAIJI KYOKAI
- REGISTRO ITALIANO NAVALE
- KOREAN REGISTER

With a permanent staff of 12 divers and up to 4 occasional ones (plus tenders), we carry out more than 900 different underwater jobs on average through the year.



# About Us

Carlos Centeno and Roberto da Cunha, founding partners and directors, with over 40 years of experience each, bear the weight responsibility for ensuring the utmost quality of each and every job executed by our organization.

Ernesto Balbi and Federico da Cunha, directors appointed since 2017, assume the role of coordinating and overseeing the execution of all projects entrusted to our company.



**Carlos Centeno**

*Ex-Navy Officer. Marine Officer.  
Professional diver.*



**Roberto da Cunha**

*Ex-Navy Officer. Marine Engineer.  
Professional diver.*



**Ernesto Balbi**

*Merchant Marine.  
Professional diver.*



**Federico da Cunha**

*Civil Engineer.  
Professional diver.*



We believe that each task undertaken is an opportunity to initiate a relationship based on mutual knowledge and trust.

As we work for the future and aim to maintain our quality of service, we dedicate all our effort to each opportunity.





# UNDERWATER CCTV INSPECTIONS

Techno Dive is approved by: ABS, BV, DNV, LR, NK, RINA and KR for underwater CCTV inspection at locations such as Punta del Este, Montevideo anchorage zone or Recalada. We also offer non-class inspections in conjunction with other routine services as propeller polishing or sectorized cleanings.





# HD RECORDINGS + ONLINE STREAMING

We offer first quality CCTV inspections with the latest generation equipment. Currently we can offer underwater inspections with Full HD quality image and online streaming, allowing owners and inspectors to join the inspection from all over the world. We are one of the few diving companies approved by IACS classes to perform remote inspections.

Regular inspections are recommended to assure that any potential issue is discovered with anticipation, to address it with the appropriate time and minimize impact on the vessel route.







# Propeller polishing and localized cleanings

Being this one of the most required services, Techno Dive offers high detailed polishing with 3M polishing disks allowing to obtain a Rubert Scale "A" finish on the propeller surface.

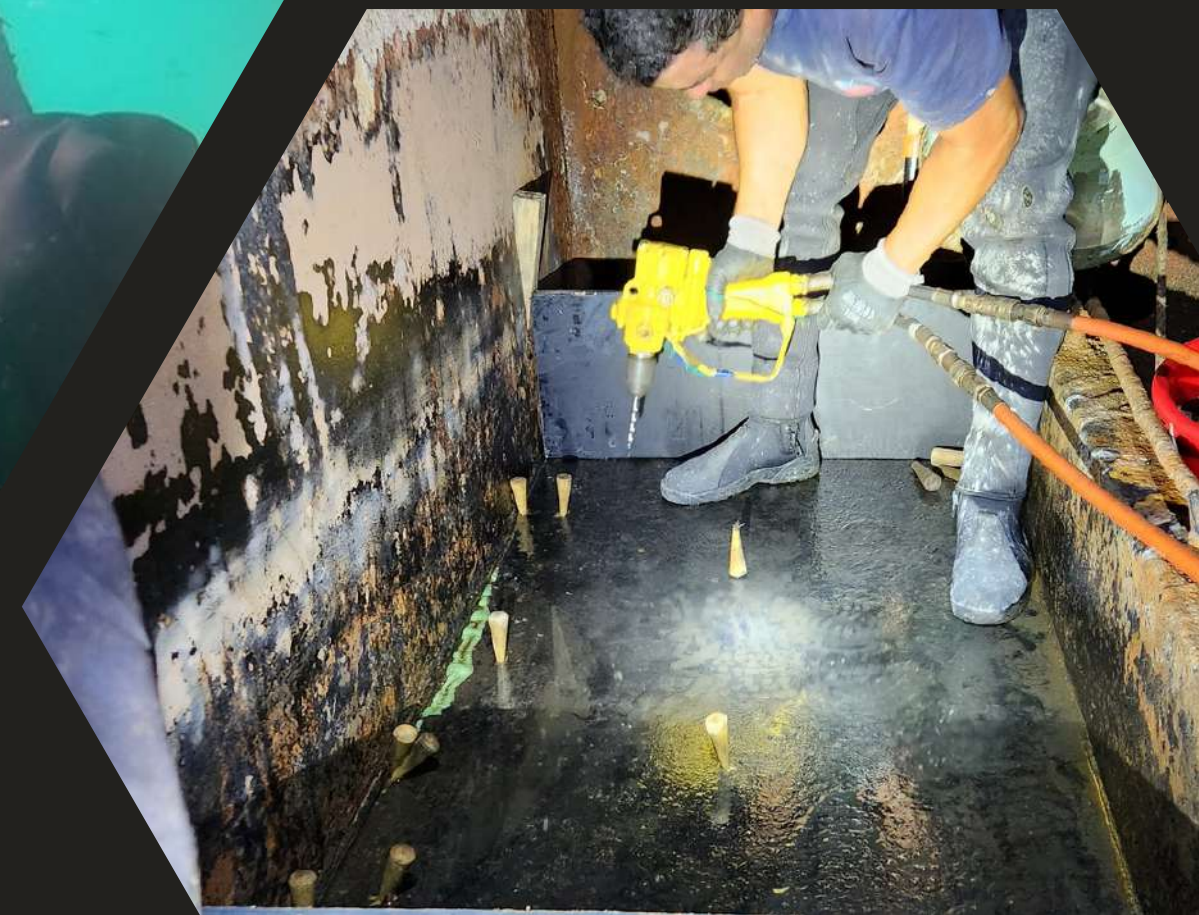
Powered by hydraulic systems we can offer this service to all kind of vessels, allowing them to sail with perfect propeller conditions in just a couple of hours. Our equipment allows us to perform polishing with up to 3 divers, offering an excellent and fast service.



# Underwater repairs and maintenance

Our qualified and experienced team can perform all kind of underwater works with advanced underwater welding, cutting and hydraulic equipment.

Therefore, we can offer fast and reliable services without the need of drydock.



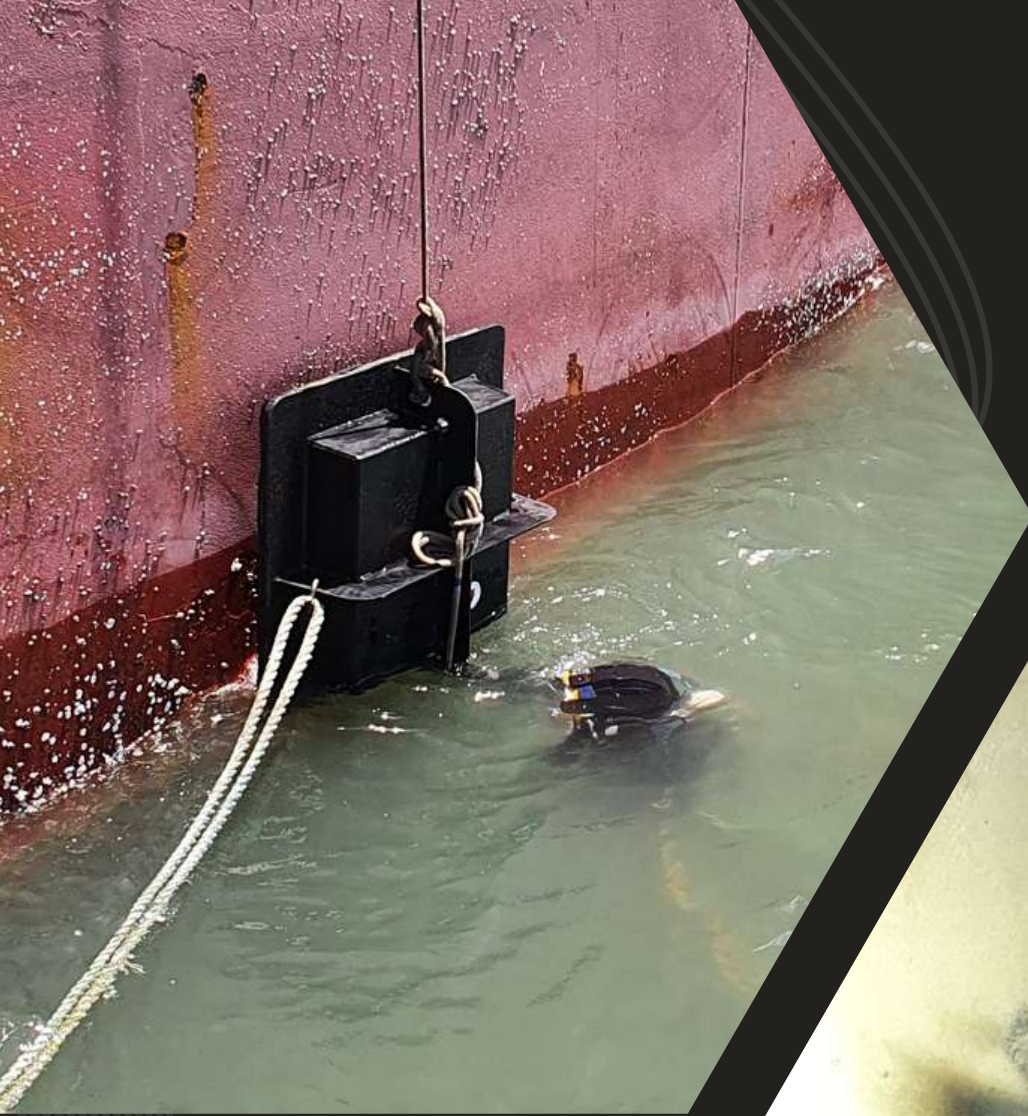


# Shell plate repairs

By installation of underwater custom designed cofferdams, our team is capable of providing a void space between the defective hull plate and the underwater environment. Cofferdams are fixed to the hull by underwater welding or welded dogs to provide a no leakage compartment allowing to perform repairs in a dry environment. Internal welders may perform the repairs on the hull plate without the need of drydock.

Same procedure can be used for any case of repairs on the vessel hull, such as discharge pipes, transducers, sea chest, etc.

With class aproval, this repairs are considered as permanent.





# Underwater magnetic particle inspection

Magnetic particle inspection is a nondestructive testing process used frequently in the underwater sector due to its reliability for detecting defects in metal structures.

Despite visual inspection is one of the most common used inspection techniques to obtain a general overview of the structure, this may be affected by the visual of the diver and the water conditions (such as visibility or current).

By applying a magnetic ink, MPI creates a magnetic field that focalize the ink on the defects of the structure, making it easier and accurate to localize any defects.

MPI is mostly used to localize with accuracy any crack on the vessel hull structure to perform temporarily or permanent underwater repairs.





# Valve replacement or internal repairs

Depending on the pipe diameter divers will patch the opening in the faster way, creating a non-leakage seal, allowing to perform internal repairs in a dry environment.

Openings are usually patched by wood cones, external patch with an internal expander on the pipe or just an external patch with welded dogs.

This procedure is usually used in overboard discharges or sea chest.





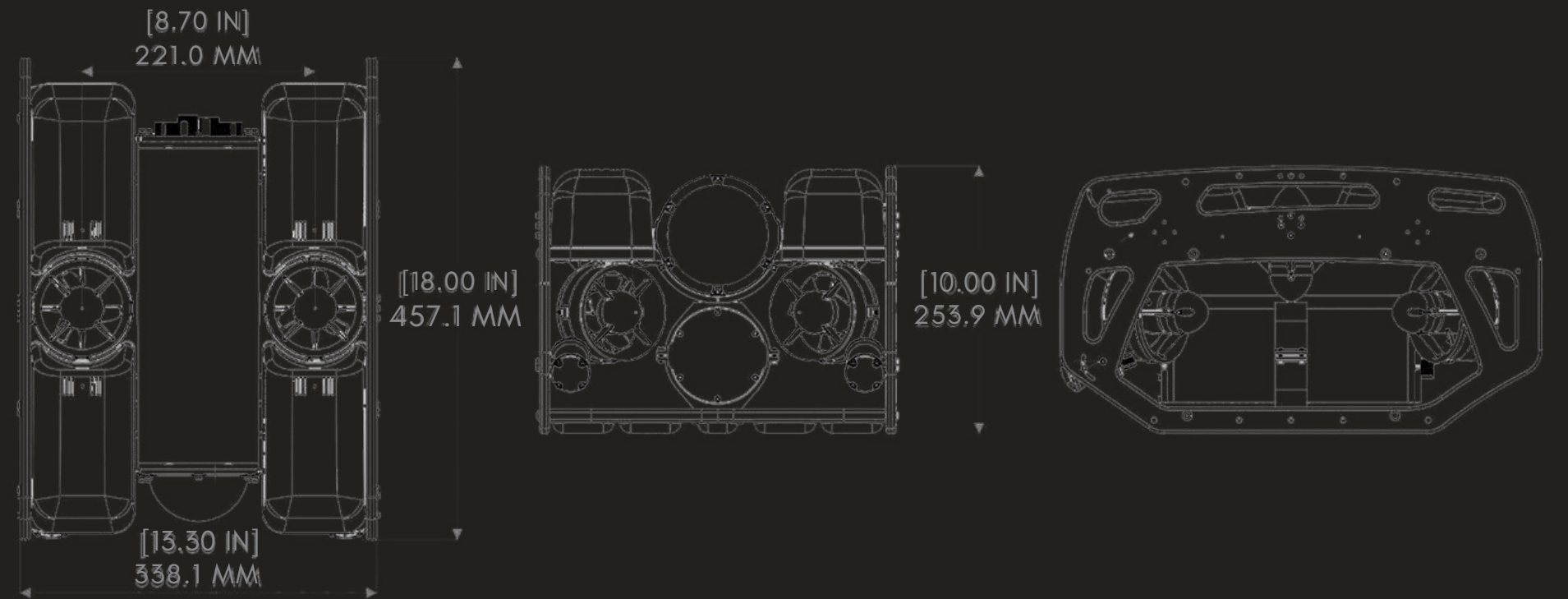
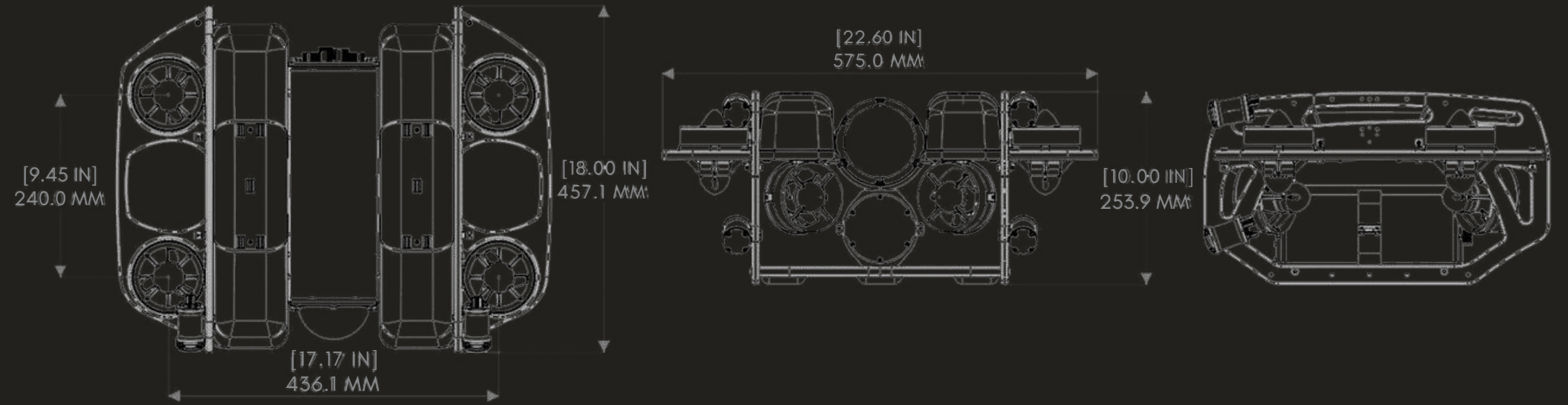
A blue and black Remotely Operated Vehicle (ROV) is mounted on a ship's deck. The ROV features a prominent blue top section and a black frame with various sensors, lights, and a camera lens. In the background, a diver in a black wetsuit with "SCUBAPRO" branding is visible, standing on the deck. The scene is set against a backdrop of a blue ocean and a clear sky. The text "Remotely operated vehicles (ROV)" is overlaid in white on the right side of the image.

# Remotely operated vehicles (ROV)

ROV are used mostly for inspections in confined spaces, deep water inspections, or deployment in any condition unsafe for diver entry. The use of this equipment can dramatically reduce inspection costs while eliminating the risks associated with the use of divers to complete the task. Often it is used for pipeline inspections or contaminated waters.



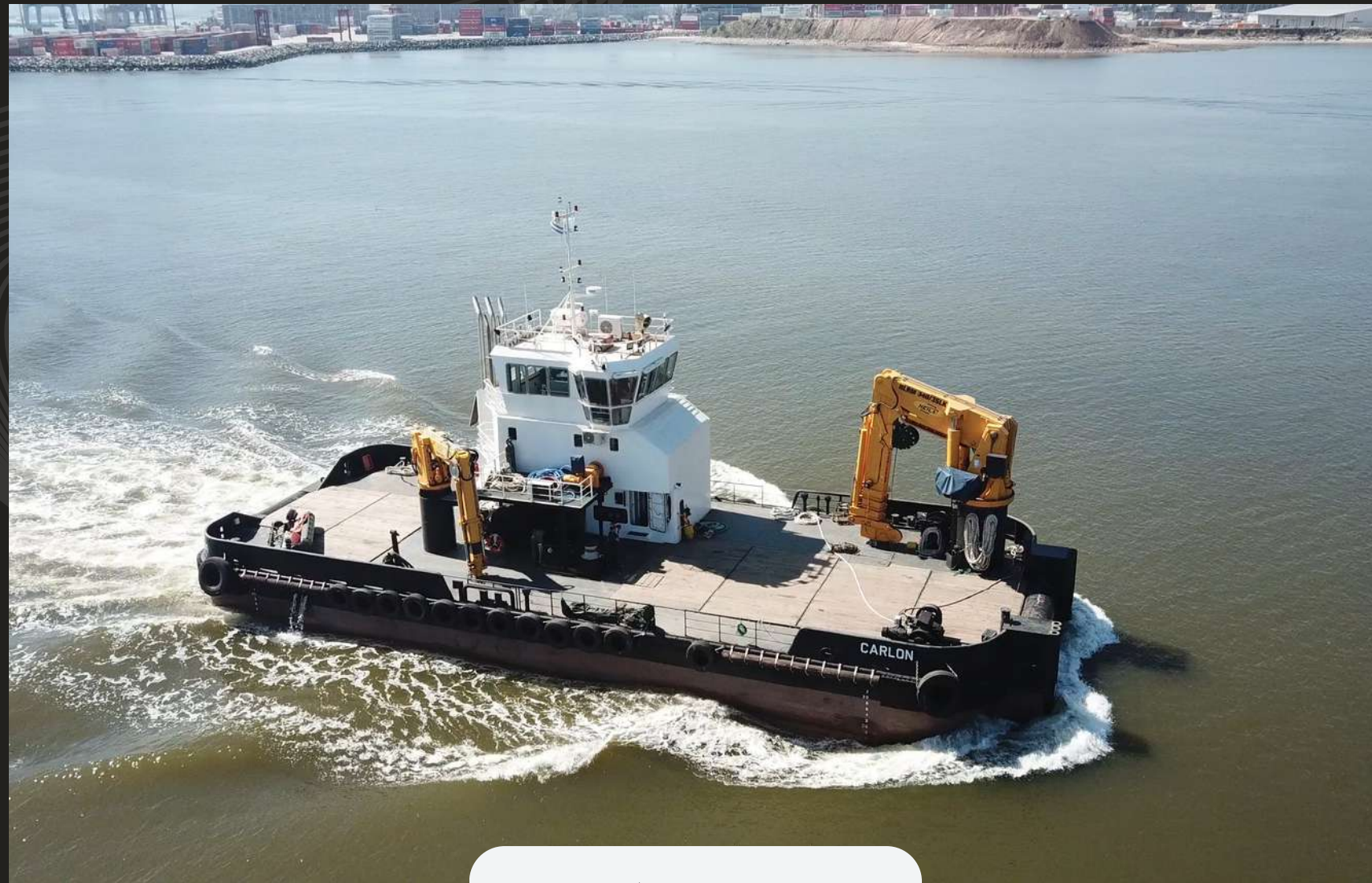
Our ROV can be diagrammed in 2 different configurations allowing us to reduce the volume of it to enter in small pipelines (400mm) or to improve navigation and stability for larger areas. With an umbilical length of 150m, a maximum depth of 100m and up to 8 thrusters, this ROV is useful in a great variety of scenarios.





# Dive Boats Support

## CARLON



LOA: 31.8 mts  
Beam: 12.0 mts  
Draught: 2.4 mts  
Speed: 9 knots

## TITON



LOA: 24.0 mts  
Beam: 9.0 mts  
Draught: 1.4 mts  
Speed: 8 knots



# Dive Boats Support

## EXCELSIOR



LOA: 25.0 mts  
Beam: 7.0 mts  
Draught: 1.4 mts  
Speed: 26 knots

## TANGO



LOA: 26.0 mts  
Beam: 6.0 mts  
Draught: 1.8 mts  
Speed: 11 knots



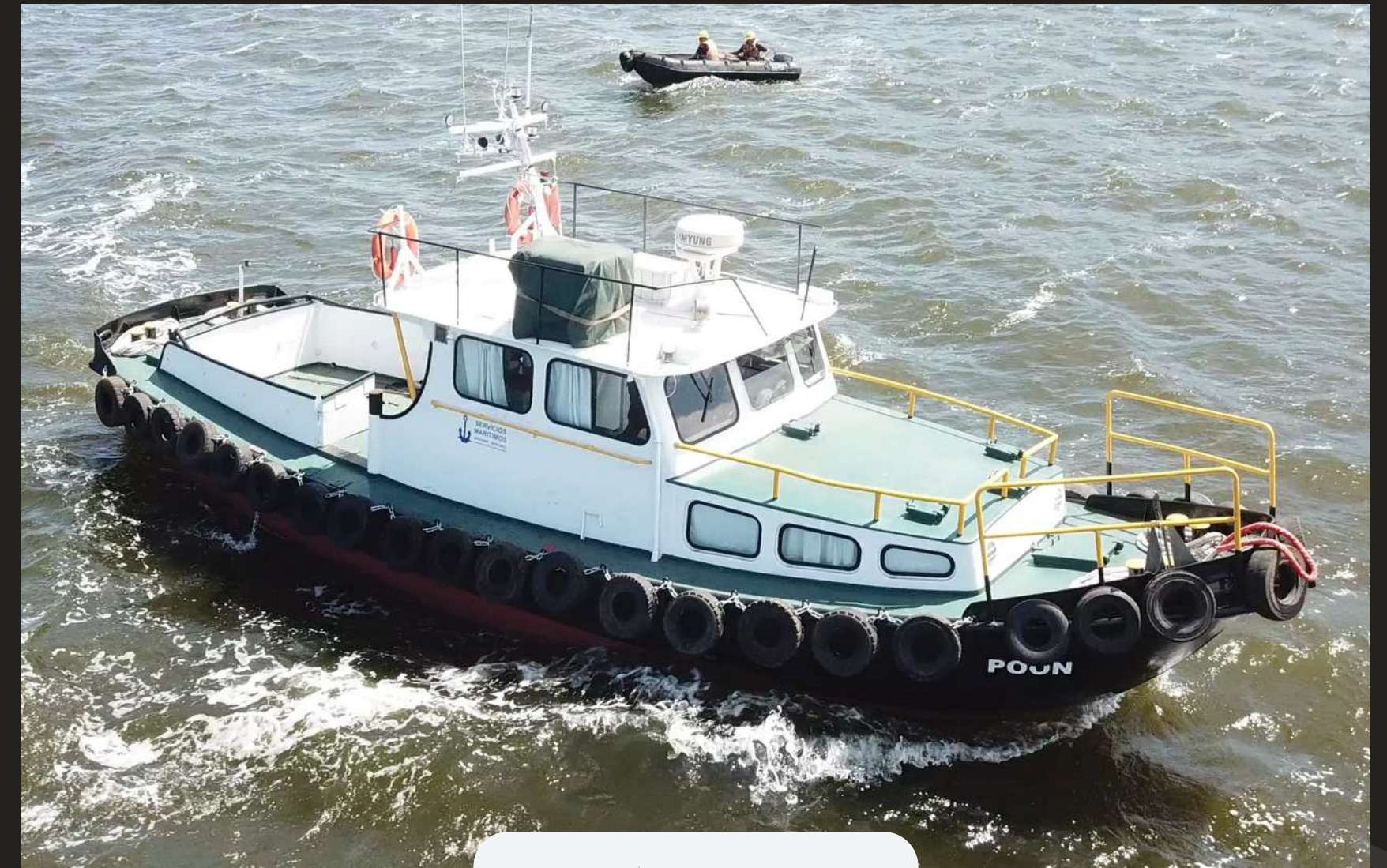
# Dive Boats Support

## ANA ISABEL



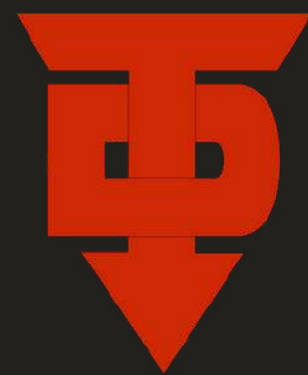
LOA: 23.2 mts  
Beam: 5.3 mts  
Draught: 1.5 mts  
Speed: 10 knots

## POON



LOA: 12.6 mts  
Beam: 3.8 mts  
Draught: 0.8 mts  
Speed: 8 knots





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## Contact Us (24hs)



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