



## Supporting navigability of Uruguayan waterways

Trailer Suction Hopper Dredger ensures access to the port of Montevideo.

This turnkey project solution covered everything from basic and detailed engineering to complete procurement, outfitting, and transportation to Uruguay for assembly.

The fabrication and outfitting of hopper and accommodation blocks was carried out locally, along with the assembly of modules from the Netherlands. Once outfitting was finalized, the project underwent commissioning and trials, ensuring a seamless delivery.



### CLIENT

Royal IHC is a leading provider of maritime technology, offering innovative solutions for the dredging, offshore, mining, and defense sectors.



### SCOPE

Engineering for Machinery and Piping (M&P) and Shipbuilding (SB).



### ADDED-VALUE MULTI.ENGINEERING

Experience and knowledge within MULTI.engineering ensured that IHC could work very efficiently and with short communication lines.



## FACTS & FIGURES

- Vessel's name: THSD De Julio
- Vessel type: 4200 m<sup>3</sup> Trailer Suction Hopper Dredger
- Owner: Government of Uruguay
- Delivery year: 2018
- Length: 91 m



## SERVICES PROVIDED

- 3D scan of the engine room
- Routing new exhaust system
- Workshop drawings
- Development of all machinery arrangement drawings
- Providing training to IHC
- Development of outfitting drawings



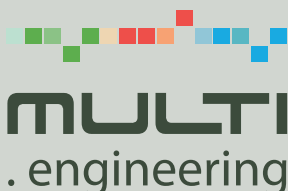
## SPECIFICATIONS

One of our experts designed all the machinery arrangement drawings and provided thorough training to IHC personnel, enabling them to carry out these tasks independently. As part of the Machinery and Piping (M&P) team, he reported to the discipline Lead and contributed to selecting long lead components.

Another expert was responsible for developing outfitting drawings, including stairs, platforms, railings, custom hatches, and small foundations. She was a key member of the Shipbuilding (SB) team, reporting to the discipline Lead while coordinating with both internal and external project stakeholders.



“Both have provided high value performance to the team and contributed to the successful completion of the scope in the Netherlands. They have also provided the guidance necessary to the team in Uruguay for the handover and completion of the local content.”



MULTI.engineering is an engineering company. We support customers' success by offering flexible engineering solutions. We have Offices in Temse (BE), Vlissingen (NL), Zwijndrecht (NL), Delft (NL) and Komarno (SK). Working with us is always a great experience!

## CONTACT US

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