



**MS** MAGAZINE

# AFLOAT CPP BLADES INSTALLATION AT BALBOA ANCHORAGE

Dry Dock at Sea

PAGES 4 - 6

HUMAN TALENT  
THE POWER OF TALLERES

PAGES 8 - 10

TRAINING THE MARINE  
INDUSTRY

PAGES 13- 15



**TABLE OF CONTENTS**

- 2 **Marine Solutions – 3 D**
- 3 **Editorial – “2023 A New Year to Come”**
- 4 **Amazing Jobs – CPP Installation**
- 7 **Marine Solutions – “Marine Elevators Services”**
- 8 **Talleres People - Our Human Talent**
- 11 **Marine Solutions - STS Services**
- 12 **Training - IMO MODEL COURSE 4.01, 4.02, 4.03 AND 4.04**
- 15 **Safety – Underwater Services with the Highest Safety Standards**
- 16 **Ready for 2023**



**3D SCAN  
MARINE SOLUTIONS**

We continue working with our new acquisition of Talleres Industriales. TI-scan is ready to attend any 3-D requisition. We are focusing our field trainer on pipe measurement and cofferdam design. Our objective is to offer new ways to reduce time and cost to our clients using the last market innovation.

Talleres’ Laser Scanners are extremely accurate tools and useful during ship inspections as they can be applied for everyday ship management purposes and retrofitting projects such as preparing 360 degrees images and detailed maps of scanning positions.

Our team of engineers and technicians is supported by welders and pipe fitter with years of experience and proven skills."

**Magazine**

By Talleres Industriales. S.A.

 talleresindustriales -shiprepairs

 @talleres\_industriales

 talleres industriales



## 2022 - 2023 FROM A RECORD YEAR TO EVEN MORE

Since the beginning of Covid in 2020 Talleres' half century business model of an emergency room for ships was finally put to extreme test. Our culture and infrastructure adapted and reacted to the new reality in an efficient, safe, and productive way, encountering many challenging projects and an over demand of jobs.

In 2022 we were extremely busy, but with teamwork we managed to cope with the demand, delivering great results as far as customer satisfaction, employees health, and financial results. In 2023, Talleres Industriales will heavily invest in innovation, optimizing our processes and most importantly our People's well being and performance.

We have created an Innovation Committee which will be actively looking for ways and equipment to become faster and safer in order to exceed our clients' expectations. We will focus on ROV technology for all our divisions. From underwater cleaning services to welding, painting, blasting, UTM, and drone inspection technology. All our new services will be eco-friendly and with the goal to optimize our processes, gain speed, reduce risk, reduce time, and maximize our customers loyalty. Talleres will also get certified in different new welding processes to make Panama the REPAIR HUB for complex and unique techniques. I would like to thank all our staff members for their commitment, passion, and hard work and wish them the very best for the New Year.



## AFLOAT CPP BLADE INSTALLATION AT BALBOA ANCHORAGE



As an emergency room for ships, we are always ready to assist our clients' needs on urgent basis. This time we had the opportunity to assist one of our best clients on this critical job for the removal of a damaged CPP Blade and the installation of the new blade while the vessel was in an afloat condition at anchorage.

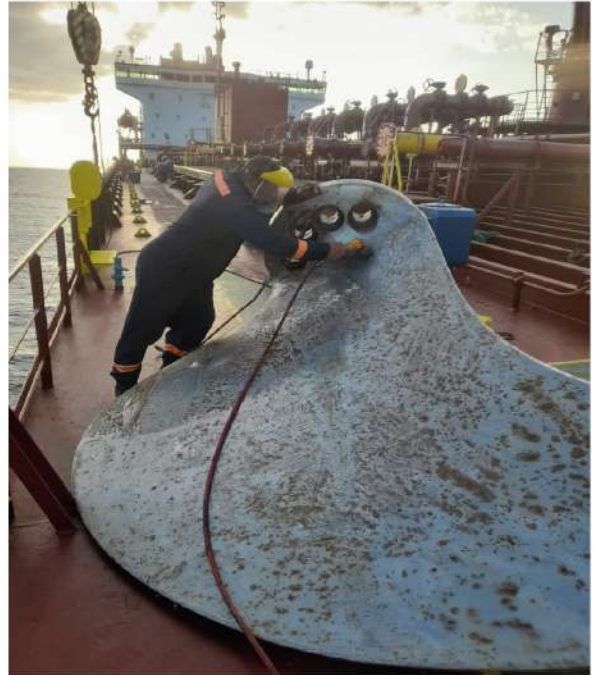




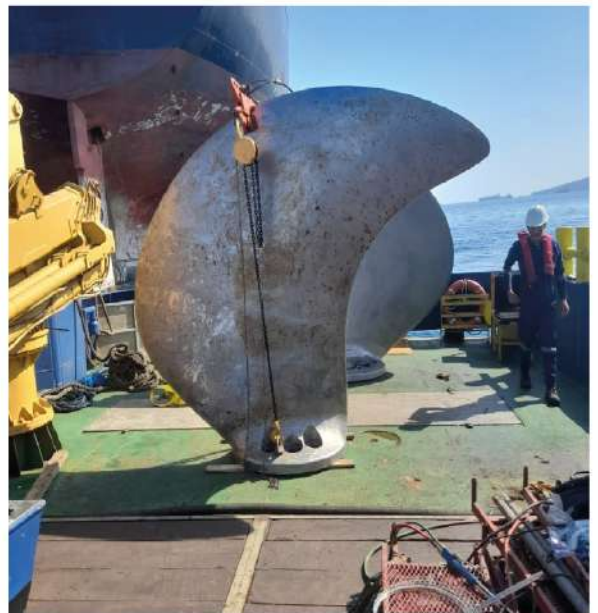
After the vessel suffered grounding damage, divers found that one of the 4 blades CPP propeller was missing and broken from about 20 CM from the cone. Our engineers analyzed all the possibilities to give a solution to this desperate client and after checking all possible scenarios it was decided to divide this mission in two phases.

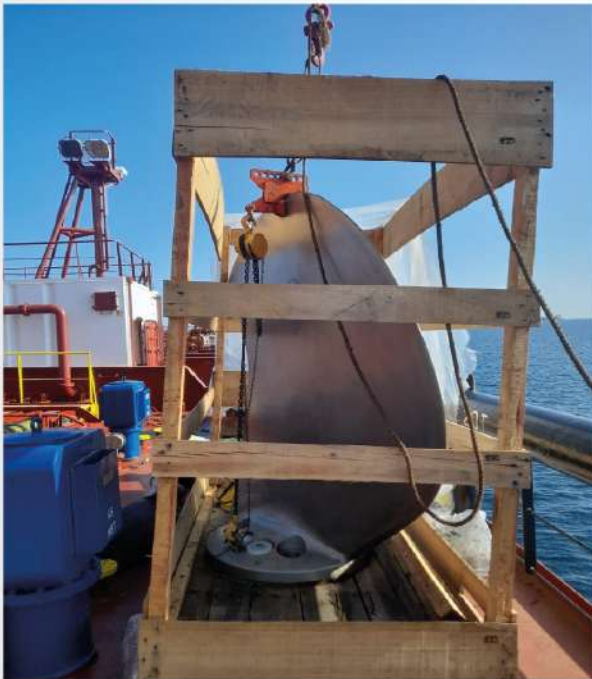


Phase 1 consisted in removing the broken blade as well as the opposite blade to balance the propeller and install the covers in those positions to let the vessel sail and keep trading.



Phase 2 was performed three months later, when the new spare blade arrived, and the vessel was in ballast condition.





This job was performed at the same anchorage on ballast condition by trimming the vessel, making a working platform with the support of a workboat, removing covers, and installing the missing blades.



The repair was successfully completed following the OEM instructions and class satisfaction, allowing the vessel to continue her voyage after this major repair executed on its propulsion system.



## MARINE ELEVATOR SERVICES



TALLERES INDUSTRIALES now offers reliable and customer-centered marine elevator services worldwide. TISA provides services such as Annual and 5-year inspections, repairs, and general maintenances on marine elevators. We are also part of the HYUNDAI Global Network and can assist with any spares that are required under urgent basis. Our technicians have vast experience in different elevator brands, and we are available 24/7 to attend our clients' needs throughout all ports in Panama and abroad.



## OUR HUMAN TALENT



This year has been a very special one at Talleres Industriales, because we have celebrated 53 years of continuous operation; and during this 2022 we have undertaken more than one thousand projects of different types and levels of complexity, with great results that come out of the deep commitment and capacity of our team, who works with the highest quality standards to respond to our clients 24/7.

At the same time, during this period, we launched "My Best Version" which is an internal iconic program that focuses on developing the potential of our people by providing them practical tools through intensive training sessions indoors and outdoors with subjects such as Team Work, Time Management, Leadership, Decision making, Communication skills, Conflict's resolution, Feedback management, Efficiency, Self-Motivation, Project Management, Life purpose, among other topics that reached all levels of our organization.







The program was managed under a methodology named P.L.T.B. (People-Leadership – Team – Business) which represents the four main areas where there was a need to focus to provoke comprehensive personal and professional growth, awaken the spirit of innovation, meeting key performance indicators and strengthen people’s commitment.

As far as the leaders of the organization, the program came with a mentoring and coaching process for them; and using one-to-one sessions. The idea was to consolidate leaders who inspire others, innovate to create value, integrate their teams and impact to lead by example.



“My best version” program was also oriented to support the strategic planning, executing, and controlling key factors within the organization, and the management of the relationship with its stakeholders.



It also helped setting up the crucially important goal for 2022, which now that we are finishing this challenging year, we can happily say that it was exceeded, and hope that 2023 becomes even a better year than this one, thanks to the passion that all members of the Talleres Family have in their corporate DNA.



# 24/7 STS SERVICES



TURNKEY, SHIP TO SHIP TRANSFER COMPREHENSIVE AND COST-EFFECTIVE SERVICE AT THE PANAMA CANAL



## TALLERES INDUSTRIALES, S.A. TRAINS THE SHIPPING INDUSTRY IN IMO MODEL COURSE 4.01, 4.02, 4.03 AND 4.04



The IMO has developed a range of training courses to address all aspects of oil spill planning, response, and management. These are known as the OPRC Model Courses. These courses have been designed and developed by an international group of experts from governments and industry.

The courses given by Talleres Industriales, S.A. are designed according to the approved IMO OPRC model to train participants with information needed to make a quick, planned, and effective attend to an oil spill and have proper planning to establish an appropriate solution to the risk in the area.





Owners and operators should explain in specific basis how to implement the facilities oil spill contingency plan by describing the procedures that will be carried out to ensure safety of the facility and prevent or mitigate spills.



They must identify worst-case spill response resources and identify facility personnel responsible for performing specific procedures to mitigate or prevent a spill or potential spill.

The courses are designed for on-site coordinators who will lead or supervise oil spill response teams and those with field support responsibilities within an incident command or emergency team, as well as decision makers. The courses involve activities in the classroom and on the field.



National regulations require the appointment of a spill management team. The role of the team is to assist in the response to an oil spill.

The team integrates the organizational structure that the company has identified to manage the implementation of the response plan. The team may also provide operational supervision of field responders.





While the size and qualifications of the spill management team has not been legally established, the team must be adequately staffed to ensure a credible response given the size of the spill.

The number of members is expected to grow if the situation warrants 24-hour operations and a cast of several dozen cleaning staff. An organization with a well-structured response will be able to adapt to changes in the size of the spill management team and quickly integrate additional members.

The knowledge that will be communicated to teach each task and the resulting skills that the student must demonstrate after completing the training are also provided.

Due to the different job responsibilities of each employee and their intended role in a ship or facility plan, courses are customized by the instructor, using the IMO guidelines as a menu of subject areas from which to select topics relevant to the employee's individual duties and responsibilities. This procedure ensures a direct correlation between the job being performed and the training provided to perform that job.

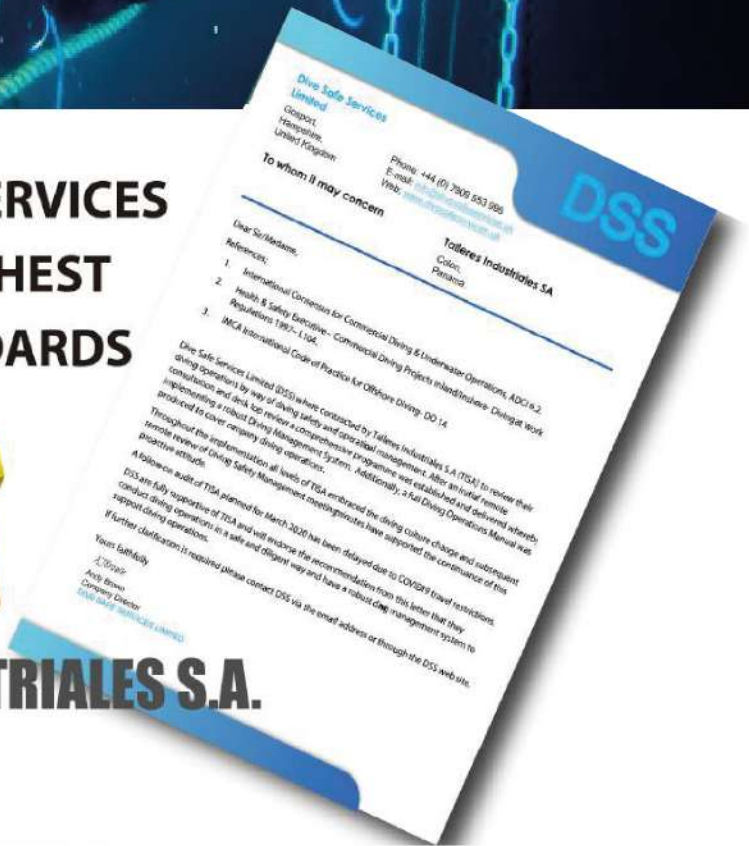




# UNDERWATER SERVICES WITH THE HIGHEST SAFETY STANDARDS



**TALLERES INDUSTRIALES S.A.**





# *Talleres is Ready for the* **2023**

Always giving you marine solutions!

IVS MAGAZINE