



# MS MAGAZINE



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**ENOUGH, THE PANAMA CANAL IS OURS!**



Recent remarks by the President of the United States expressing a desire to reclaim the Panama Canal have left many persons in Panama surprised and confused. Such claims are not only unfounded but also overlook the profound investment and dedication Panama has committed to both waterways constructed, the old one with US involvement and the newer expansion completed under Panamanian initiative. These efforts underscore Panama’s capability and resolve in managing this critical global artery that supports international commerce. The time has come to cease these unwarranted intrusions into Panama’s sovereignty over its landmark. Panama has consistently been a friend and ally to the United States since gaining its independence, with a history of peaceful relations and warm cultural exchanges. Our nation prides itself on its welcoming people and its robust partnership with the United States, built on mutual respect and shared goals. As we continue to navigate the complexities of global diplomacy and commerce, it is imperative that we foster cooperation and collective progress, not division. Let us focus on strengthening our bonds and working together towards a better, more inclusive world.

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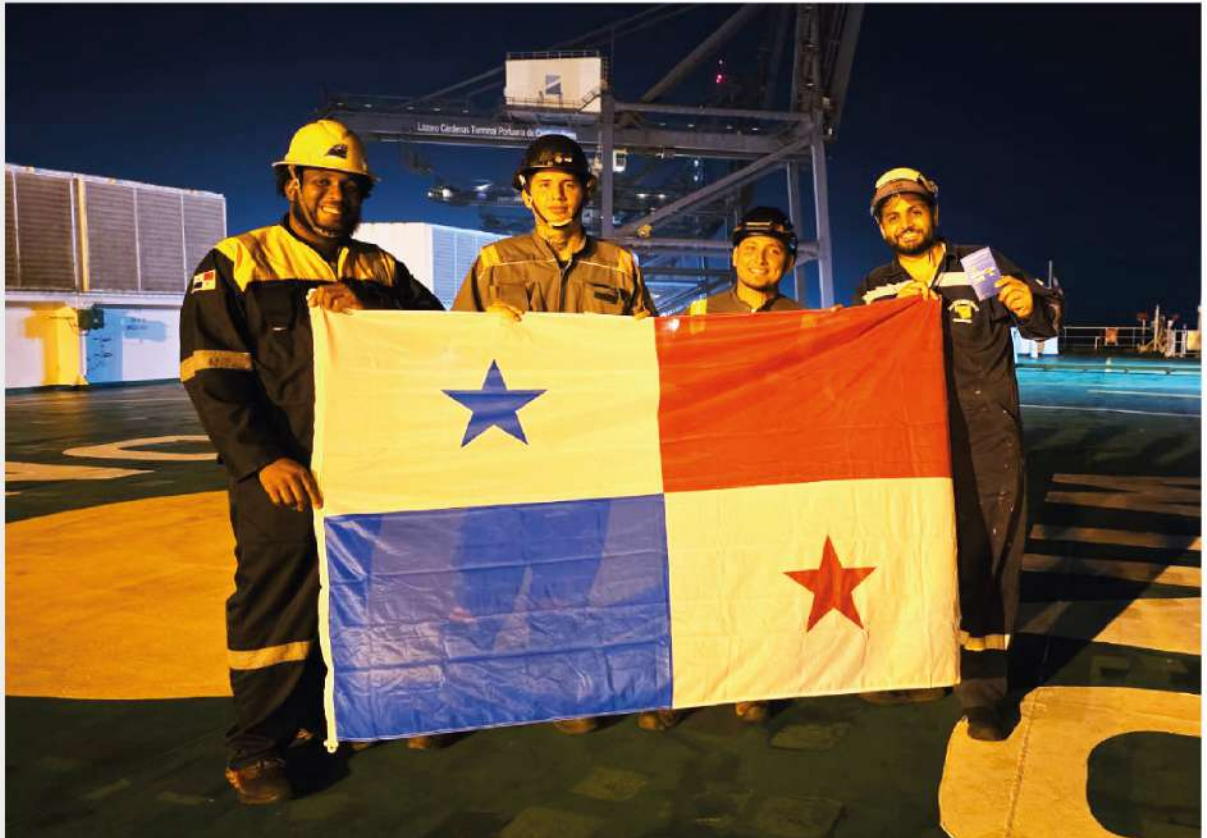


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# TALLERES MAKES PANAMA PROUD AROUND THE WORLD



Panama has long been recognized as a central hub in the Americas for the ship repair industry. This position is portrayed in our Fact Sheet included in this edition of the magazine, which highlights an impressive record spanning 56 years of excellence. At the heart of Talleres Industriales' success is its people—our most valuable resource. Our personnel not only represent our company but also embody the spirit and resilience of Panama in every repair and problem-solving task they undertake. This commitment is visible in our teams, such as the group of professionals recently highlighted in our magazine. They attended a vessel on the Pacific coast of Mexico, swiftly and effectively resolving a complex issue that had placed ship managers in a highly stressful and delicate situation.

This example is just one of many others. Week by week, Talleres' engineers travel to various countries and ports across North, South, and Central America, as well as the Caribbean islands. They collaborate with local workshops to deliver timely solutions, demonstrating our ability to extend Panama's renowned maritime expertise far beyond our shores. Supporting our global outreach, Panama's national airline, Copa Airlines, plays a crucial role. With several flights daily to various countries, Copa Airlines facilitates rapid deployment of our teams, ensuring that we meet and exceed our clients' expectations every time. Panama is not only home to one of the world's greatest marvels, the Panama Canal, but it is also a country of great people who manage and maintain this essential maritime infrastructure.

## DRY DOCK AT SEA: EMERGENCY STRUCTURAL REPAIRS



When a Panamax tanker suffered a hull rupture following a collision at Balboa Anchorage, the rapid response from Talleres Industriales highlighted our unique capability to perform emergency repairs at sea, proving once again why the ocean can serve as an effective dry dock.



Late one evening, we received an urgent call from a long-time client. Their tanker had collided with another vessel, causing considerable damage to the port side shell and internal structures. Understanding the critical nature of the situation, our team of naval architects and estimators was quickly dispatched to assess the damage alongside classification society representatives.



Upon arrival, a thorough underwater survey confirmed that the damage was confined above the waterline, with no further complications below.



This initial assessment allowed us to swiftly develop a comprehensive repair plan in line with IACS guidelines and our proven ship repair procedures.



The scope of the repairs was extensive. At the heart of the operation was the renewal of the side shell plating and internal framework. Our class-approved welders utilized certified materials and consumables to address the damage, particularly around the port side ballast tanks No. 3 and No. 4.

For Tank No. 3, Frames 61 to 64 required cropping and renewal, along with the complete replacement of the internal bulkhead. To optimize the use of new steel, five inserts were strategically placed between Frames 59 and 65, spanning from Stringer 33 to Stringer 37.



Tank No. 4 demanded similar attention, with the renewal of both frames and side shell plates. All new materials, including marine grade A steel and associated longitudinal frames, were seamlessly integrated into the existing structure.



Our commitment to quality and safety was reflected in every step of the process. All welds underwent rigorous non-destructive testing to ensure they met our high standards and those set by the classification society. Additionally, the newly repaired hull areas were treated with eco-friendly paints to prevent any environmental impact, adhering to our strict environmental protection policies.



The entire operation was conducted at anchorage with the aid of a crane barge, supply boats, and launches, demonstrating the flexibility and preparedness of Talleres Industriales. Our ability to mobilize such resources and execute complex repairs under challenging conditions speaks volumes about our dedication to serving the maritime community. This repair not only restored the tanker's structural integrity but also underscored our commitment to providing timely and effective solutions to distressed ship managers in the Panama Canal area. We take pride in our role in maintaining the safety and efficiency of maritime operations, helping keep one of the world's most vital waterways open for business.





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## SAFETY FIRST: PRIORITIZING WELL-BEING IN SHIP REPAIR



For vessels temporarily sidelined due to damage, the financial implications can be severe, potentially leading to bankruptcy if not managed correctly. However, at Talleres Industriales, the safety and well-being of our team members take precedence over all else. This commitment ensures that even in urgent or critical situations, our priority is the health and safety of those working to get vessels back in service. At Talleres Industriales, safety is not just a protocol—it is a daily practice integrated into every aspect of our operations. We begin each day with a 5-minute safety talk in all departments, reinforcing the importance of vigilance and preventive measures. Each project brings unique challenges and hazards, necessitating thorough risk assessments tailored to the specific tasks at hand.

By understanding and mitigating potential dangers, we ensure that every job is approached with the utmost care and preparation, aligning with our overarching Ubuntu philosophy: "If you are good, we are good."







# TALLERES INDUSTRIALES, S.A.

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## FACT SHEET SINCE 1969



- ▶ **56 years** providing ship repairs and marine solutions at Panama and Latin America
- ▶ **500,000 hours**, non-stop working 24/7 for the ship repair industry since 1969
- ▶ **60,000 jobs** have been accomplished since 1969
- ▶ **37,000 vessels** have been attended since 1969
- ▶ **10,300 workers** are the approximately labor force that have worked in Talleres since 1969
- ▶ **23 countries** have been visited by our personnel to solve problems onboard vessels
- ▶ **3 generations** of employees have been working since 1969



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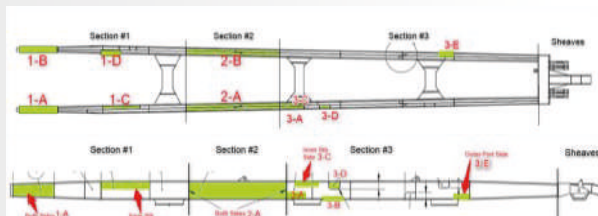


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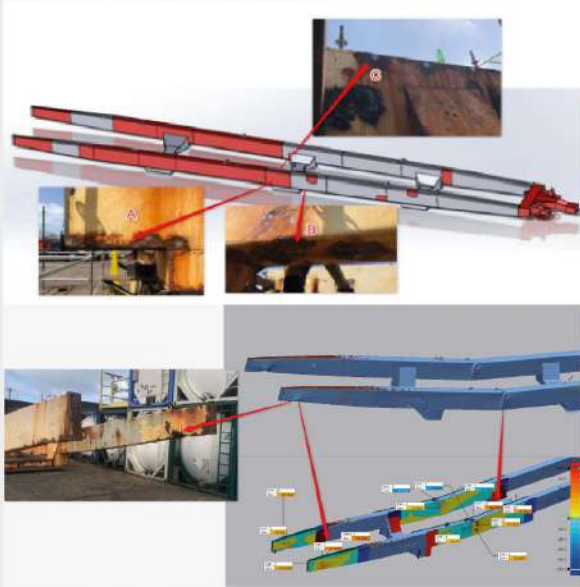
# TALLERES INDUSTRIALES SHOWCASES EXPERTISE IN EMERGENCY CRANE REPAIRS



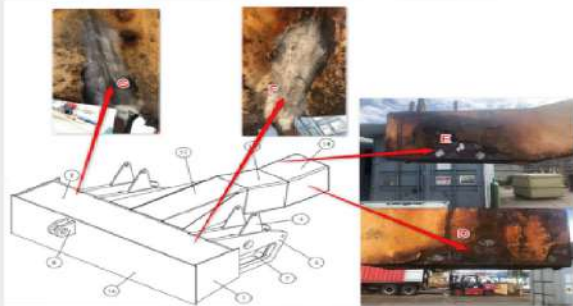
**Case Study: Incident Overview** A recent accident on a bulk carrier in South America resulted in the collapse of a 35-ton capacity jib boom crane onto the deck, severely damaging the hatch cover and distorting the crane's structure. This critical situation necessitated an urgent and sophisticated repair operation.



**Immediate Response** After discharging cargo in Panama, the vessel called upon Talleres Industriales for immediate assistance. Our team of engineers and riggers quickly mobilized, removing the damaged crane jib at anchorage and transporting it to our facility on a deck barge. This prompt action allowed for the start of repairs without significant delays, adhering to the highest safety standards throughout the process.



**Complex Repairs Undertaken** In our workshop, nearly half of the jib's structural arms were meticulously cut and replaced.



The pulley system, block, and other crucial components were also renewed. Our engineering team's expertise in precise alignment was pivotal in the jib's reconstruction, ensuring it met all operational and safety benchmarks.



**Restoration and Testing** Once repairs were completed, the jib was transported back to the vessel and reinstalled.





Load tests were conducted under the strict supervision of classification society representatives to confirm the crane's performance and structural integrity. All repairs received classification approval, and the crane was cleared to return to service.

**Conclusion** With the crane fully operational again, the vessel resumed its activities, highlighting Talleres Industriales' commitment to delivering high-quality repairs and maintaining operational excellence. This project is another testament to our capability to manage complex, urgent repair scenarios effectively and efficiently.



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 Web: [www.dive-safeservices.co.uk](http://www.dive-safeservices.co.uk)

**To whom it may concern**

**Talleres Industriales SA**  
 Colon, Panama

Dear Sir/Madame,

References:


1. International Consensus for Commercial Diving & Underwater Operations, ADCI 6.2.
2. Health & Safety Executive - Commercial Diving Projects Inland/Inshore - Diving at Work Regulations 1997 - L104.
3. IMCA International Code of Practice for Offshore Diving - DO 14.

Dive Safe Services Limited (DSS) where contracted by Talleres Industriales S.A (TISA) to review their diving operations by way of diving safety and operational management. After an initial remote consultation and desk top review a comprehensive programme was established and delivered whereby implementing a robust Diving Management System. Additionally, a full Diving Operations Manual was produced to cover company diving operations.

Throughout the implementation all levels of TISA embraced the diving culture change and subsequent remote review of Diving Safety Management meeting minutes have supported the continuance of this proactive attitude.

A follow-on audit of TISA planned for March 2020 has been delayed due to COVID-19 travel restrictions. DSS are fully supportive of TISA and will endorse the recommendation from this letter that they conduct diving operations in a safe and diligent way and have a robust diving management system to support diving operations.

If further clarification is required please contact DSS via the email address or through the DSS web site.

Yours faithfully  
  
 Andy Brown  
 Company Director  
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We work in compliance with the highest safety standards



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Our human resources are the most valuable asset in our company!



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