



JULY / 2022

# TALLERES INDUSTRIALES, S.A.

24/7 SHIP REPAIRS AND MARINE SOLUTIONS

MAGAZINE 22th Edition



## MAIN FEATURES

### **ANCHOR CHAIN REPAIRS CERTIFIED BY CLASS**

Renewal of Anchor Chain  
Shots with Class Approved  
Repair of studs

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### **MASSIVE MAIN DECK CONVERSION WORK ON A POST PANAMAX CONTAINER VESSEL**

Installation of 31 Mooring  
Equipment Plus 15 tons of  
Underdeck Reinforcement in  
Record Time

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### **MAIN ENGINE REPAIRS**

Auxiliary Engine  
Overhaul at Balboa  
Anchorage

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Talleres keeps performing efficient, effective, and safe hull cleanings in Panama with the use of ROV latest technology.

Now more than ever, with several factors forcing to change and be innovative, such as the high cost of fuel, lack of certified personnel, and our most important core value; Safety, Talleres is looking to expand the ROV division and make the conventional cleaning method part of our past. Unlike traditional brush cleaning, ROV uses high-pressure jets for cleaning, thus leaving expensive antifouling surfaces smooth, intact, and undamaged.

Please contact us 24/7 to attend your vessels.



talleresindustriales -shiprepairs



@talleres\_industriales



www.talleresindustriales.com

## NEW POLLUTION CONTROL SKIMMER BOATS



The recent acquisition of two skimmer boats represents the commitment of Talleres Industriales towards being prepared to respond to emergency oil spills by our Pollution Control Division.

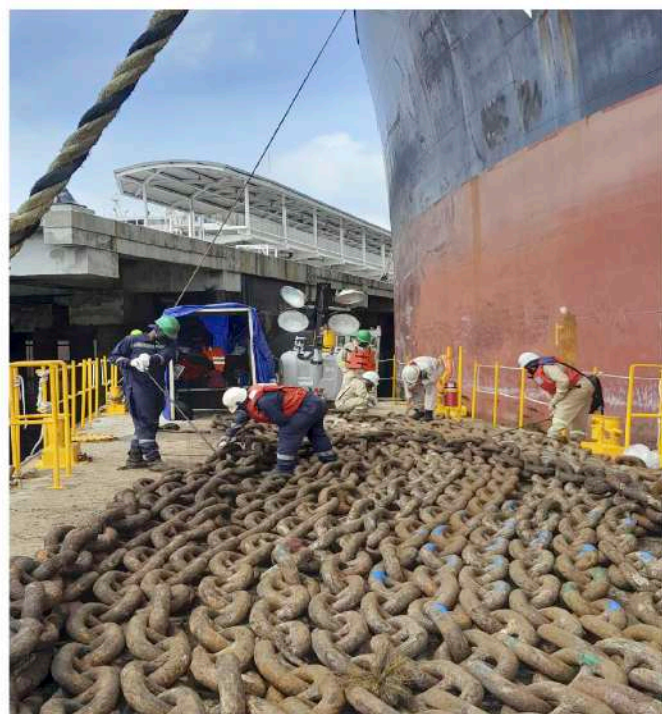
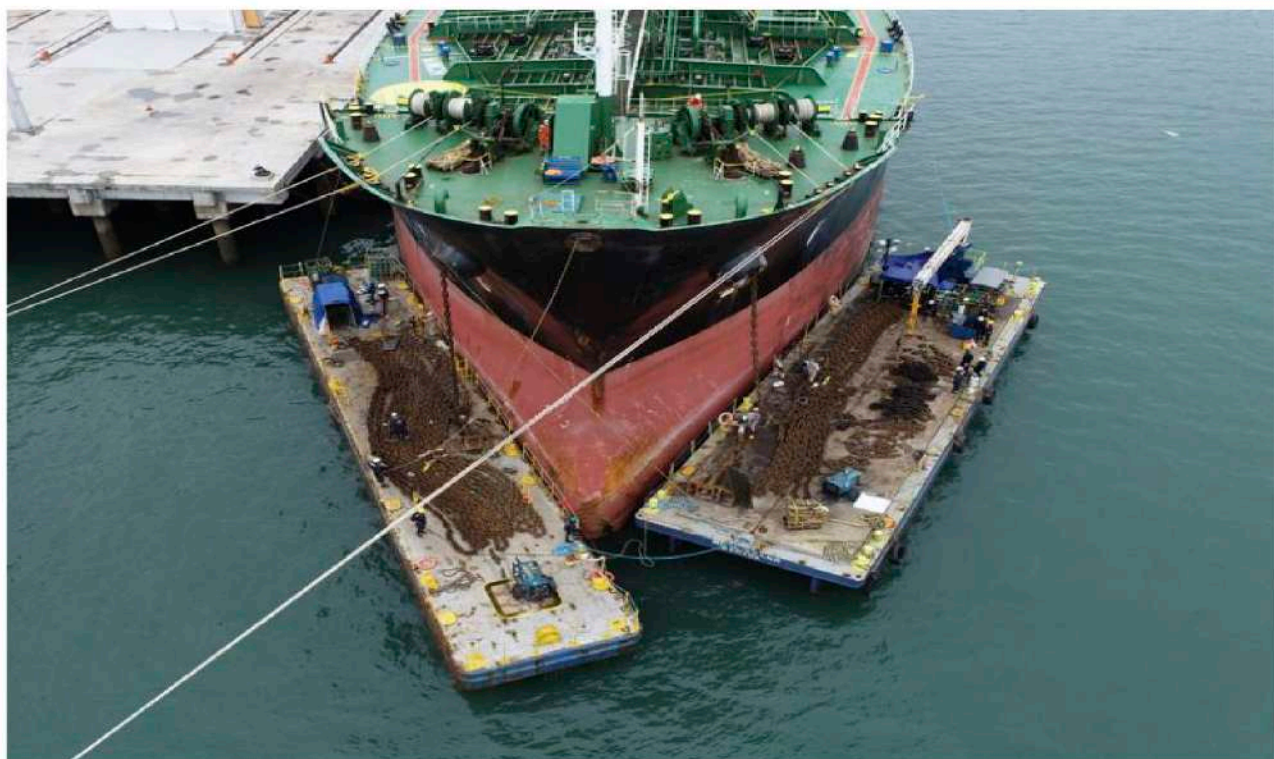
The onboard skimmer technology allows us to react faster to the collection of drifting oil spills in the water before it reaches the shoreline.

The oil is collected by a rotating belt which sends it into onboard tanks, then to be sent to a certified destination for proper treatment.

Our two Skimmers, which are named TISA POLLUTION CONTROL 1 and 2, will be located near a pier on the Atlantic and Pacific coasts of Panama. In an emergency spill, they can be deployed quickly to respond in a moment's notice for the service.

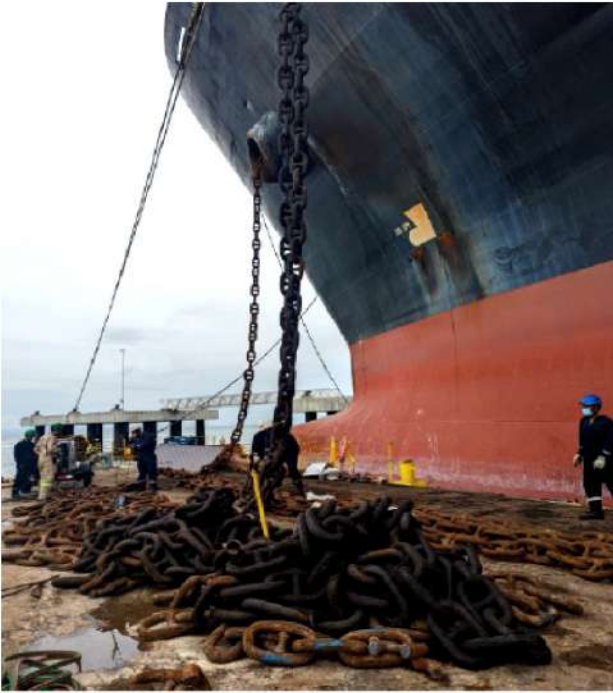
Seminars and drills with the skimmer boats will now be included in our personnel training program. Our training includes OMI Level 1, 2 and 3. With the skimmer boats added to our fleet, we will have an even more qualified spill response team ready to react 24 hours to your emergency needs.

## ANCHOR CHAIN REPAIRS CERTIFIED BY CLASS



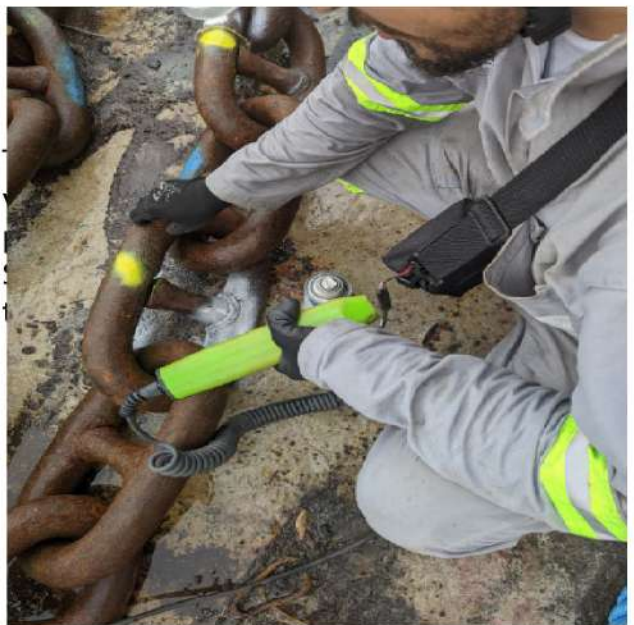
Last month we were contacted by a Panamax oil chemical tanker ship manager in Asia who needed a fast and cost-efficient solution to work simultaneously on both anchor chains, which needed replacement of several shots (sections of chains) as well as to perform class approved repairs to some missing and damaged studs.

Talleres immediately sourced class approved chains in Houston which came via sea freight to Panama while the vessel kept trading in South America waiting for her window to come back to arrive at Balboa. Once chain shots arrived in Panama port, our logistic department transported chains to our deck barges at Balboa with all the necessary equipment to wait for the vessel to call back.



Upon arrival, chains on both sides were laid down on our deck barges, accommodated by riggers and the job was started. Two teams of certified personnel worked on each barge and shots of chains were replaced, at the same time multiples loose studs were being welded with approved procedures and methodologies.

Once all sections of new shots were replaced and welding was completed, 48 hours cool down period was allowed before NDT team could do the test under class' presence. As always, challenges beyond our control had to be dealt with. Heavy rain was the daily nightmare but that is our reality in beautiful, tropical Panama. Job was completed to the satisfaction of the client, within the time frame given, COC removed, so vessel could start trading and keep fulfilling her commitment.



**RENOWNED**  
F I L M S

The  
Weather  
Channel

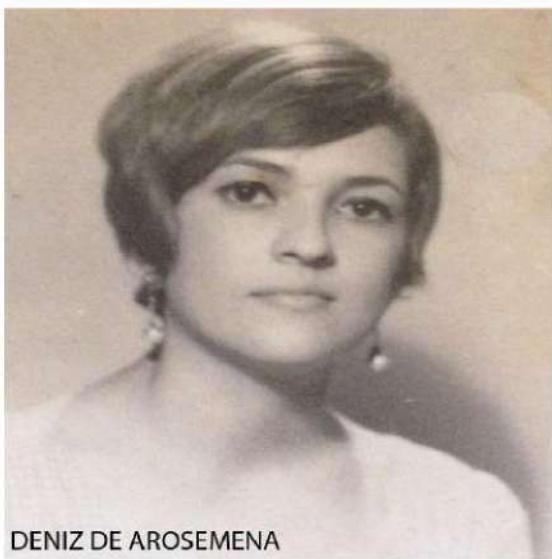


PRESENT:  
**DEEP WATER SALVAGE**  
SEASON 2

Featuring  
Talleres Industriales  
from Panama on **July 17th/9:00 p.m.**

# HONORING OUR FOUNDERS

The Journey Started in 1969



DENIZ DE AROSEMENA



BARGE DOÑA DENIZ



RAFAEL AROSEMENA



CREW BOAT DON RAFAEL

A company's success has everything to do with its people, culture and leadership. Our leadership for the first three decades was under our patriarch Rafael Arosemena Herrera who has been the main backbone of Talleres and has set the foundation for our '24/7 ship hospital' business model. But furthermore, a man's success has a lot to do with the kind of woman he chooses to have in his life. Deniz, even though has never been directly involved in the company's operations, has always been supportive of our patriarch and of Talleres employees. We feel proud of them and we thank them for all the effort and sacrifice that have resulted in us being here now and running this show.



## MASSIVE MAIN DECK RECONVERSION WORK ON A POST PANAMAX CONTAINER VESSEL



Two months ago, a 80,282-ton fully loaded post Panamax container ship arrived in Panama with the urgency of installing required mooring equipment for Canal Transit.

Owners had already done part of the homework, drawings were approved by the Panama Canal and reinforcement drawings were approved by class. Furthermore, owners had already secured in Asia all the mooring fittings. Nevertheless, the most complex part was yet to be done and this task was relied to Talleres.

More than 100 workers participated in this project working in two shifts nonstop, 24/7. From project managers to class approved welders, fitters, riggers, and electricians to scaffolding personnel.





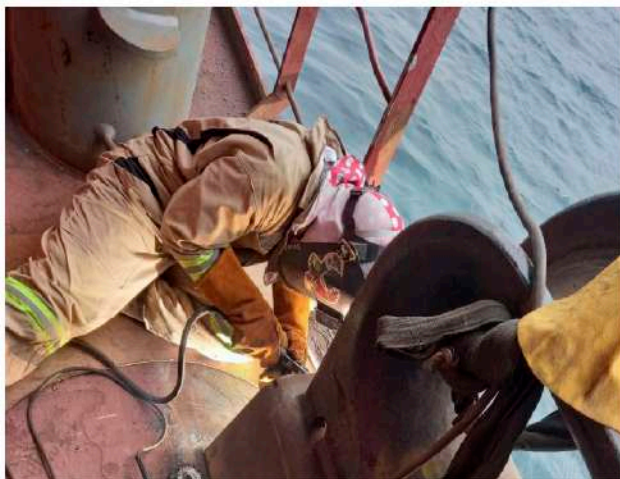


A few days before arrival and after receiving the green light from the owners, Tallere prefabricated more than 15 tons of underdeck reinforcements, all according to the class approved drawings.

This job also involved building of multiple and high scaffolding in different tanks and compartments of the vessel for safe positioning of our welders and safe handling of materials.



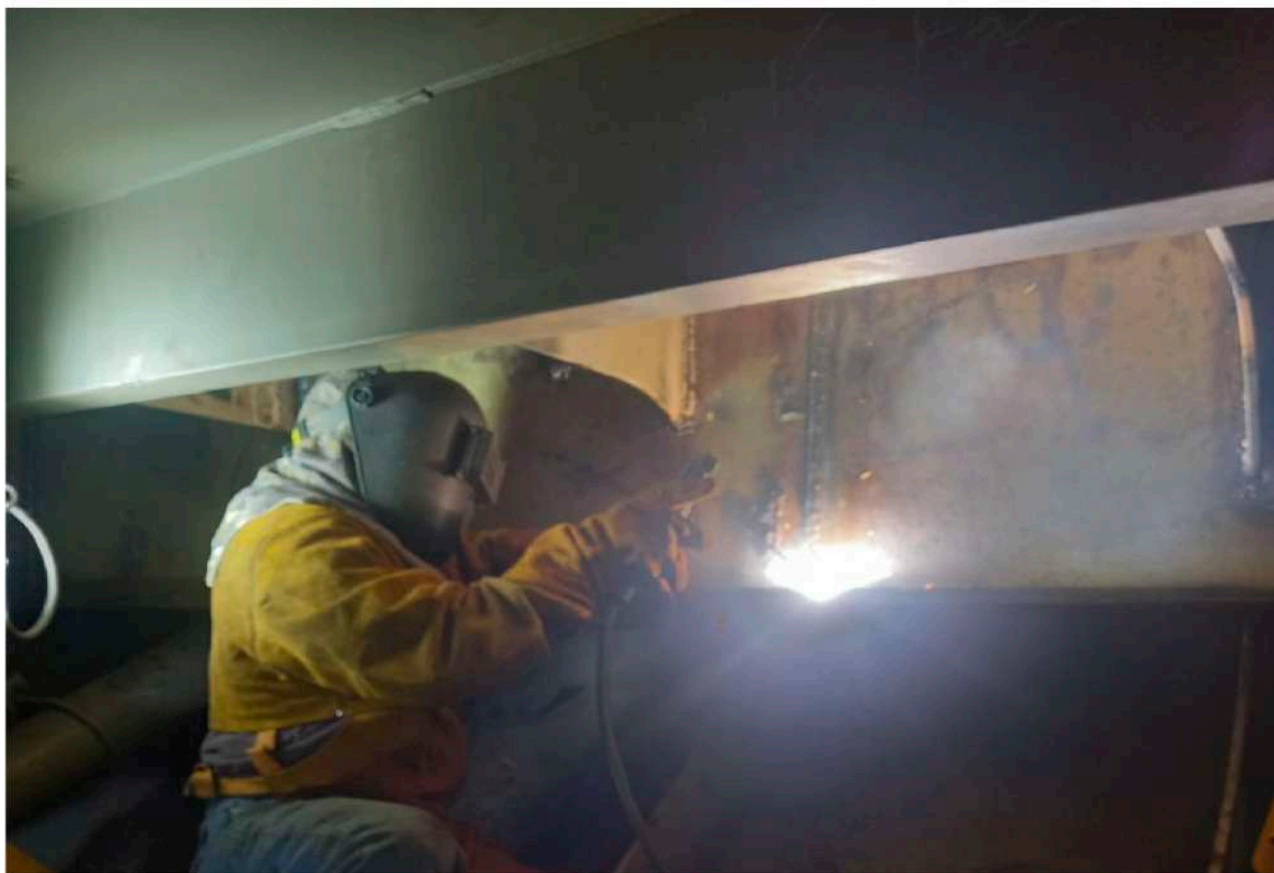
Also in this project, Talleres came up with an innovative approach to try to optimize time and save costs, we chartered a supply boat to serve as hotel for our personnel.



All reinforcements were completed, painted, and loaded to our supply boat in Balboa just one day before vessel's arrival. For this operation our crane barge was used to reposition the mooring equipment from the storage place onboard in front of her super structure to all the positions from forward to aft, port to starboard.

This was a one of a kind logistic which resulted in positive outcomes.





After 10 days of hard work and maneuvering against bad weather and heavy rain, we managed to complete all tasks. NDT test was done to all welds in 31 positions and hundred of meters of internal weldings to the satisfaction of class and client. Please contact us for any challenge in which your cargo and reputation are in stake, we will do always our very best to meet your expectations and achieve your goals.



# TALLERES BECOMES A LIFEBOAT MULTI BRANDING APPROVED COMPANY IN PANAMA



**CRALOG A/S**  
Rusten 7, 9900 Frederikshavn,  
DENMARK  
info@cralog.com www.cralog.com



## Certified personnel

Certificate issued under the provision of the International Labour Organization as amended.  
CRALOG certify that:

Name: **Angel Martinez** ID no. **419**



Has been found duly qualified in accordance with the provisions of S.O 152 and the Danish Maritime Authority's technical regulation no. 11 of 28th October 2000, regarding training and experience as competent person and the holder is certified to perform such, unless:  
- CRALOG statement of fitness for annual or 3 yearly examinations with a unique certificate number is presented  
- This personal certificate is presented and verified  
- Authorization from Competent authority / person is presented

This certificate is applicable to the following:

Annual and 5 Yearly thorough examination of:

- Shipboard cranes
- Movable decks and ramps
- Launching and recovery systems
- Loose lifting gear



Field experience is documented in our log, and shall be shown upon request.

Date of birth: <b>09-MAR-1983</b>	Certificate no: <b>2022/008-45</b>	Issued on: <b>03-JUN-2022</b>	Valid until: <b>03-JUN-2025</b>
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*Thomas Jonsson*  
Thomas Jonsson  
Head of Department

*Alex Jørgensen*  
Alex Jørgensen  
Assessor

This certificate is only valid if the personal ID number is verified on CRALOG.com

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Now, when it comes to Lifeboat and davits surveys everything is possible in Panama. Talleres has invested in training one of our service engineers in a one-of-a-kind international training academy located by the port of Frederikshavn, Denmark.

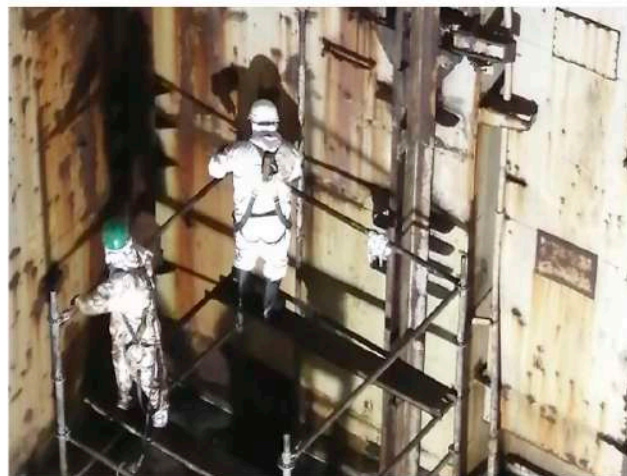
For our engineer, training and certifying himself with CRALOG was of great professional growth since now the industry will be able to get serviced in Panama on most of the worldwide brands with the highest standards of quality and safety.

Furthermore, our service engineer was trained to perform annual crane surveys for the new upcoming SOLAS regulation. Do not hesitate to contact us 24/7 for any of your needs.

## CLEANING OF CONTAMINATED CARGO HOLDS FOLLOWING ALL SAFETY AND HEALTH STANDARDS



Talleres Industriales was called to attend a container vessel, which had an unfortunate fuel oil spill incident in four of its six container cargo holds. The bays had to be fully discharged to be able to reach the bottom of each cargo hold. The containers that were contaminated had to be placed on steel structures and cleaned off all fuel oil before being discharged to the port.

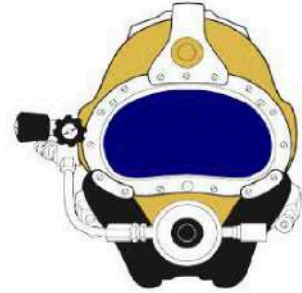


Once this procedure was accomplished, the team was able to clean the floors with proper chemicals and a high-pressure washer, which completely cleaned all the oil contamination. The vessel was quickly able to continue its voyage.

# TRAINING & CERTIFICATION OF OUR DIVING SUPERVISORS

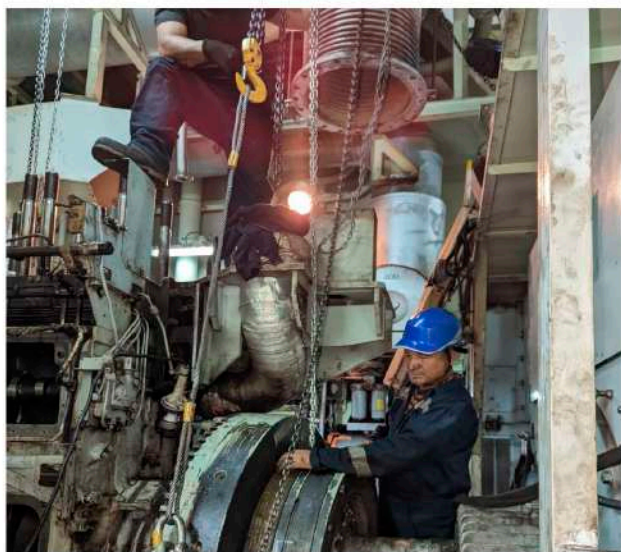


**NO SCUBA IN TALLERES' OPERATIONS**



All our diving operations comply with ADCI Consensus Standards edition 6.3 section 5.40.6 "Ship Husbandry". All our operations are performed using surface-supplied air and two-way communication. The use of self-contained underwater breathing apparatus (SCUBA) is prohibited in our commercial diving operations and projects. We are committed to achieve the highest standard of safety and quality in our projects, complying with local and international regulations.

## AUXILIARY ENGINE OVERHAUL AT BALBOA ANCHORAGE



Recently, Talleres along their strategic partner Goltens performed an overhaul of a YANMAR Auxiliary Engine of a massive container ship at Balboa Anchorage.



The 300 m x 40 m vessel arrived in Panama waters fully loaded and demanded to complete all tasks with the highest priority.

Riggers and Mechanics were furnished along with all necessary equipment and gears to lift the engine block to replace damaged crankshaft with a new one supplied by the owners. After successfully completing this sensitive task.



Alternator was rigged back in position, assembled, and aligned to the engine. After completing this step, camshaft was replaced as well as main bearings, crank pin bearings, pistons, and cylinder heads.

The job also involved servicing of the injection and cooling systems and job was completed in time with all tests performed to the client's satisfaction.

Panama, a marine friendly country, and the perfect place to perform services and repairs, call us 24/7 for any assistance.

## COMING UP ON OUR AUGUST 2022 EDITION

MAJOR BACK-TO-BACK TANK CLEANINGS AT BOTH SIDES OF THE PANAMA CANAL



UNDERWATER SERVICES AT OFFSHORE STATION



**IF WE WERE TO BE A CARTOON CHARACTER WE WOULD DEFINITELY BE THE ROAD RUNNER!!!**



**"FAST,  
FOCUSED,  
SAFE,  
EFFICIENT"**



**OUR SAFETY COMES FIRST**

We are committed to promoting safety, health at work, the protection of the environment and the quality of our services.

