



Lufesa Diver's

Compañía de Buceo - Diving Company

MAGAZINE



CONFINE SPACE DIVING

Number 06

HULL CLEANING



Underwater hull cleaning is a proven cost saving tool for vessel operators. Fouled bottoms result in greater frictional resistance which leads to increased fuel consumption and reduced speeds. Higher fuel costs coupled with increasingly demanding schedules have led to an increasing demand for hull cleaning services.

LUFESA utilizes the most advanced technology for hull maintenance applications. Hydraulic powered Brush Kart units fitted with Triple-Brush Heads. On average, a LUFESA Brush-Kart team can efficiently cover 600 to 1000 square meters of hull surface area per hour. Most importantly, Brush-Kart cleaning can be safely and cost-effectively performed during cargo operations or at anchorage minimizing vessel delays.



Editorial

LUFESA DIVER'S S.C.R.L. is an ISO 9001 certified and Class approved commercial diving and emergency response company widely recognized as a market leader. More importantly, LUFESA is fully licensed and Coast Guard approved to perform underwater and emergency response activities at all Peruvian ports.

Since 1992, LUFESA has successfully maintained a unique reputation for high quality and cost effective service. This reputation coupled with LUFESA's well recognized ability to meet challenges, above and below the waterline, has positioned it as the choice of all major vessel operators trading in the Peru and rest of South America's Pacific coast.

OUR PARTNERS

LUFESA DIVER'S united with BISSO MARINE has recently formed BISSO LUFESA. A Peruvian Company which mission is to give a base of quick response to any operation or sinister that may occur on the west coast of South America and the Caribbean, in matters of offshore, salvage, oil spills, diving, dealing with sinister and fire fighting.



We also count with T&T Bisso alliance with equipment mobilization capacity for mayor oil spills control, which system and staff can be mobilized to the place of sinister any part of the world in less than 12 hours.

APPROVALS & CERTICATIONS

LUFESA is approved by American Bureau Of Shipping (ABS), Det Norske Veritas (DNV), Lloyd Register of Shipping (LRS), Nippon Kaiji Kyokai (NKK), Bureau Veritas (BV), Germanischer Lloyd (GL), Isthmus Bureau of

Shipping (IBS) to provide the following services:

- Dry-Docking Extension Surveys
- In- Lieu of Dry Dock Survey (ILDD)



In addition, LUFESA has been certified as an ISO 9001 by the Germanischer Lloyds (GL) since 2006 and is member of The Association of Diving Contractors International (ADC), since 1996.



FACILITIES

Strategically located in the heart of the port of Callao, a certified LUFESA team can respond to any berth, mooring or anchorage within minutes. The primary facilities consist of approximately 660 square meters of covered warehouse and office spaces housing, state of the art surface supplied diving equipment, fabrication, maintenance and testing areas.

PERSONNEL & EQUIPMENT

Due to the nature of the underwater work, it is necessary that solutions to problems deal with efficiency and effectively. Time and good work results save enormous amount of money to our clients.

Aware of some limitations and associated risks of the underwater environment it's our company policy to permanently conduct our job better and safer.

MARINE SERVICES

LUFESA's highly trained personnel and modern equipment is maintained in a constant state of readiness to mobilize and exceed client expectations 24 hours a day, 365 days of the year.

LUFESA offers the following services:

IN – WATER SURVEYS

- Dry-Docking Extension Surveys.
- In-Lieu of Dry Dock Survey (ILDD).
- Underwater Still Photography.
- Underwater Damage Surveys.
- Pre-Purchase / Charter Inspections.

SHIP HUSBANDRY & REPAIRS

- Hull Cleaning.
- Stern and Rudder Bearing Clearance Measurement.
- Ultrasonic Hull Thickness Measurement.
- Propeller Polishing.
- Stern Tube Sealing.
- Underwater Welding & Burning.



CONFINE SPACE DIVING

In order to attend any contingency during a construction project, our client requests us to prepare a Confine Space diving procedure together with some drills.



Once the procedure was approved we were order to make some confine space diving drills inside a practice pile of 1,000 mm diameter to a deep of 10 meters.





Some days later a serious problem was produced in one of the piles during its hammering, so a trainer crew of divers was immediately requested at site.

This time the dive survey was not for training purposes but to be performed inside a real pile at a depth of 33 meters.

The dive survey was successfully conducted by our crew of divers and findings were reported to the project engineers, and help them to decide immediate actions thus not to delay the project schedule.



Our performance and professional practices were recognized by our clients once again.