

# AQUA-TECH DIVING SERVICES cc

CK: 2004/094848/23 VAT REG: 4720251828  
COMMERCIAL DIVING SERVICES

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## SERVICES INCLUDE:

HULL CLEANING; PROPELLER POLISHING AND MAINTENANCE; CCTV SURVEY; PHOTO SURVEY; PIPELINE INSTALLATION; PIPELINE MAINTENANCE; DAM MAINTENANCE; SHIP REPAIR; COFFERDAM REPAIR

## Merchant Shipping

### • SHIP REPAIRS:

Ship Repairs would include the following:



- Kettle Patches,
- Crack Arrests,
- Installation of cofferdams
- Blanking of seawater inlets or overboard discharges for in board repairs
- Sealing stern tube glands
- Replacement of wasted anodes (welded on or bolted on)
- Repairing damage by underwater welding and patching or steel plate insert by means of cofferdam and crack arresting
- Taking rudder pintle and tail shaft measurements
- Non destructive testing for plate thickness
- Cropping of damaged propeller blades

### • IN WATER SURVEYS:

These are further split between:

- Photographic Surveys
- CCTV Surveys.

Our experienced teams have the capability to handle every aspect of the underwater inspection process, producing detailed reports for a wide variety of purposes including:

- Damage assessment
- Preparation for sale or purchase
- Assessment of anti fouling paint systems
- General inspections of hulls, plating, welding, water intakes, propeller and rudder
- Assessment of general hull condition and/or damage for classification society approval to extend dry dockings
- Preparation for dry dockings.

Class surveys can vary in detail and length dependent upon the requirements of the client. The degree of reporting depends on whether the survey is undertaken for specific months or for two or three years of a dry docking extension period or in lieu of dry docking.

### • CCTV SURVEYS

- A CCTV Survey includes survey of Rudder, Propeller, Sea Chests, Vertical Sides, Flat Bottom, Bilge Keels
- A live video feed from diver to surface where Superintendent and Surveyors can see first-hand conditions of vessel
- The live feed allows the Dive Supervisor and Ship representatives to instruct the diver from the surface to zoom in, hold position, measure etc.
- Still Photos will be taken of any damage found.
- All readings will be taken i.e. tailshaft wear-downs



### • PHOTO SURVEYS

- A Photo Survey includes survey of Rudder, Propeller, Sea Chests, Vertical Sides, Flat Bottom, Bilge Keels etc.
- Photos will be taken of the areas mentioned as well as any damage found.

### • DIVING MANAGEMENT CONTACT DETAILS (Available 24 Hours / 7 Days a Week)

- Office Line: +27 (0) 31 301 3631 (Line diverts after hours)
- Wayne Nettmann: +27 (0) 83 955 2466
- Ivan van Rooyen: +27 (0) 82 052 5832
- Tracy Nettmann: +27 (0) 82 769 4374

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