



**For Diving Services  
& Marine Works**

**O<sub>2</sub>**  
**GROUP**



**O<sub>2</sub>** Main Office

 Operation Port

 Client

 [www.o2diving.com](http://www.o2diving.com)



## **ABOUT** O2 Group

### For Diving Services & Marine Works

**O2** Group founded in 2006 starting with underwater works, our energy, our honesty, our trust to ship owners, partners and customers signed long-term agreements for a regular maintenance. We quickly expanded the field of our activities with professional team and top management who can reveal the powerful potential the company and implement projects all over the world. Having large experience in ships 'services, onshore and offshore field. Providing the high quality services, Proceedings to expand the range of services to include **(marine services, marine surveys, ship registration, consulting, crewing, training and agency services)**. Using our potential and development prospects.

**O2** Group provides a full range of experience, capabilities and equipment to provide quality repairs for commercial ship markets, oil and gas platform owners, marine infrastructure constructions and industry services.

**O2** Group uses a variety of manned and unmanned technologies supported by highly experienced operators and engineers to develop cost-effective solutions to a wide range of underwater challenges

**O2** Group has Perfect communication and high standards which is important in performing underwater repair and inspection operations in the shipping sector.

**O2** Group has committed itself to execute these jobs as cost effective and swift as possible with the highest standards and quality for operators and equipment worldwide.

**O2** Group believes that every client deserves quality and fast service. The core of our business ethics and the foundation of our business relationships is our commitment to fulfilling that promise of quality service

**Today O2 Group can legally take proud of one of leading places in the field of industrial underwater services to ship-owners Our company has two main branches in Egypt and UAE based in ( Alexandria , Dubai , Fujairah )**

#### **In brief**

We respond to your needs without delay.  
O2 Group offers 24/7 expert underwater survey, repair and salvage services from its Fully equipped base in Alexandria , Dubai and Fujairah to clients in Middle East area ports and around the world.  
O2 Group will immediately mobilize divers/technicians to any location around the globe to carry out works.

#### **Strategy**

O2 Group strategy is aimed at strengthening its leadership in the market of maritime services. Confidence in achieving the objectives based on a qualitative management, the availability of modern resources and professionalism of each and every company's specialists, who not only are qualified but also devoted to the favorite cause.

**For Diving Services & Marine Works**



# Scope & services



## Ship services

### ■ In water Surveys & Inspections

Highly qualified specialists from **O2** Group provide comprehensive survey reports, high-quality images, condition and evaluation audits on vessels located all over the world, whether afloat or in dry-dock. Surveys and inspections can be arranged quickly, 24 hours a day and seven days a week.

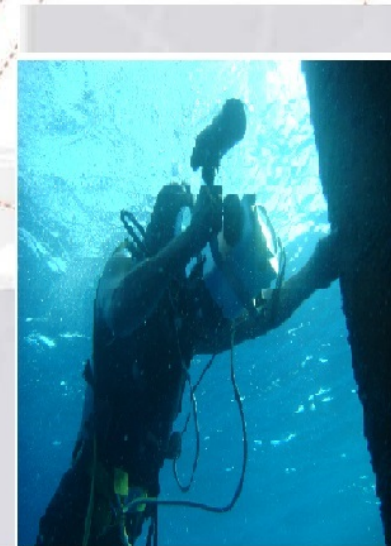
- Complete hull surveys.
- Inspections on rudders and bearings.
- NDT underwater inspections.
- Special inspections upon request.
- Dry-dock extension inspections.
- Damage assessment inspections.
- Paint/epoxy and hull coating inspection.



### ■ Underwater Ship Repairs

Providing a service that is both versatile and effective, **O2** Group has built an excellent reputation in underwater repair and replacement specialists. Building on an ever-expanding worldwide network of offices and support bases, provide fast service at reasonable costs.

- Hull and rudder repairs.
- Propeller cracks repairs.
- Insert Plate Repairs.
- Blank off sea chests suction and discharges.
- Bow thruster repair
- Replacing echo sounders and speed logs
- Replacing ICCP protection Shields
- Repair of ballast tanks
- Underwater Welding and cutting.





### ■ Underwater Welding and cutting

**O2** Group Assuring the integrity of underwater welds, especially underwater welds with defects which is difficult to detect.

- Sacrificial anode replacement.
- Rope guard repairs.
- Rudder and hull repairs.
- External doublers plates .

### ■ Propeller Polishing

**O2** Group assure doing job properly to keep the propeller in an ultra-smooth condition (Rupert scale A or A+) and that's where the real fuel savings can be achieved, the cost of the polish will only be a small proportion of the fuel savings, and therefore the most important factor to be considered by the customer is the quality of the polishing.

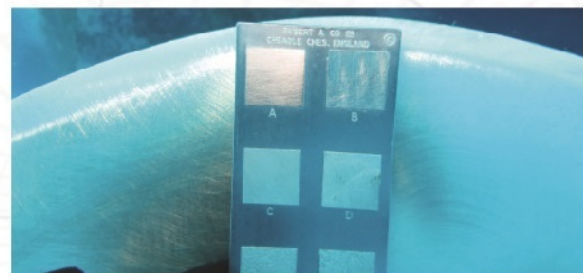
- Our equipment provides a suction force to the propeller surface with maneuvering over the blade face easily by the diver.
- We can use abrasive sizes down to -360grade grit to produce a thinnest surface finish.

### ■ Hull Cleaning

Fuel Saving is the major reason for making underwater hull cleaning an integral part of planned maintenance, **O2** Group utilizes unique technology for cleaning of large, seagoing vessels, Offering complete solutions to the ship industry for planning, accomplishment and documentation of underwater-cleaning, with equipment contribute to more efficient operating and Environmentally Friendly Hull Cleaning.

•The brush kart compact hull-cleaning machine, capable of removing mild or tenacious hull fouling from a variety of coatings, including low surface energy coatings which are frequently used on commercial vessels. dealing with extreme marine growth without damaging the fragile surface

•The brush kart allows the operator to bring a choice of cleaning heads gently into contact with the hull until they are just cleaning and no more. Having selected the correct cleaning pressure, to maintain this level.





## Oil and Gas (Offshore fields work)

**O2** Group dive technicians performs analyze inspection results to determine the extent of necessary repairs and prepare recommendations for our clients, for all kind of unique underwater repair solutions of fixed and floating platforms, sub-sea pipelines , offshore structures , rig installations and the other oil and gas industry sectors. Maintenance, repair services including NDT inspections, engineering assessment and repair can be mobilized to reach the clients worldwide.

### ■ Pipelines & Cables works

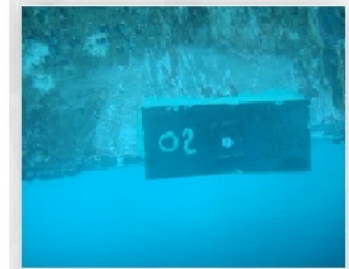
- Rig support Diving services including UWILD surveys
- NDT underwater inspections CSWIP 3.1U & 3.2U
- Air lifting bags
- Trenching
- Repair Works
- Boring Works
- Anchoring Works
- Pipeline Route Inspection
- Servicing the field
- Splash zone coating
- Laying and installing

### ■ S.P.M Services

- inspection
- Replacing hoses
- Anchoring works
- Servicing the field
- Repair & maintenance works

### ■ Construction works

- Air lifting bags
- Inspection
- Drilling Rigs
- Pilling Works
- Anodes services
- Demolition work
- Grouting services



### ■ Inspection works

- NDT underwater inspections
- Wall thickness inspection
- MPI inspection
- Visual inspection
- Still photographing
- Videoing and Reporting
- Weld inspection
- Servicing the field
- Sea Bed inspection
- Platform inspection
- Corrosion inspection
- Ultra Sonic inspection
- Marine growth inspection





## Industry services (Onshore projects)

### Marine civil engineer constructions

O2 provide a range from simple inspection and surveys to full turnkey project management these support services are a valuable outsourcing resource for companies that require specialist knowledge of marine works either for construction or for the maintenance and through life support for marine assets, in addition to general construction services such as:

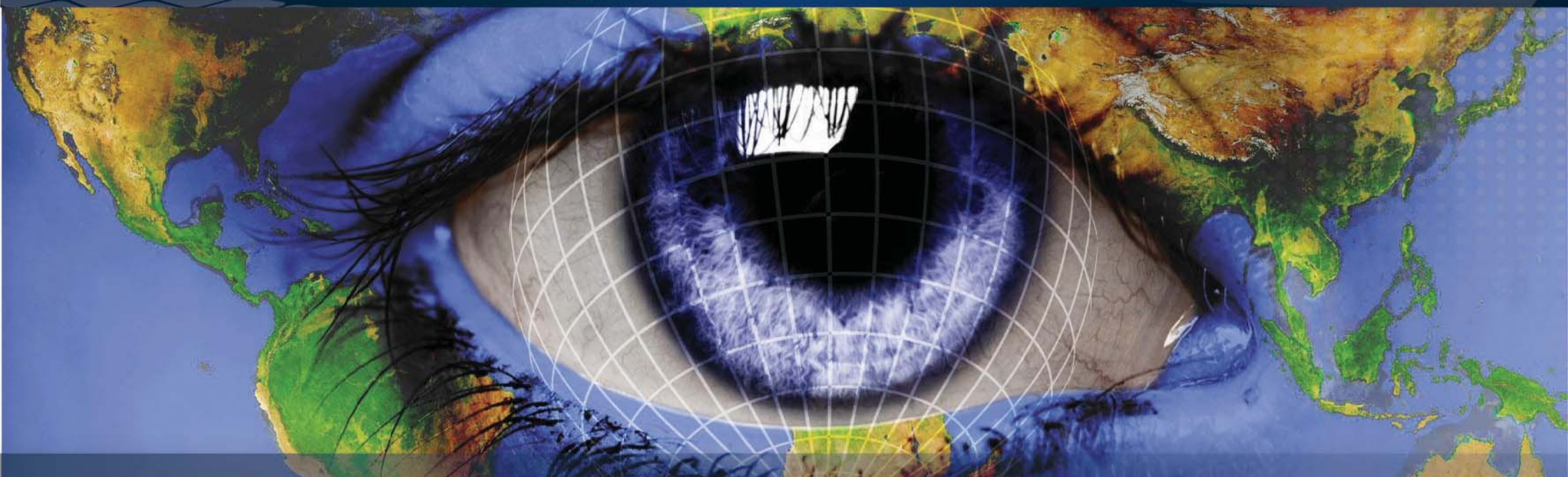
- Power station works
- Construction and Repairing piers
- Demolition and Removing debris
- Pipeline , cable inspection and services
- Harbor services
- Dams repair and maintenance
- Construction of water intakes
- Construction of wave breakers
- Construction of sewage outflows
- Dredging in canals and harbors



### Marine Infrastructure

O2 Group understands what it takes to provide safe, effective and efficient structural engineering repair and assessment to the marine infrastructure industry. Our personnel can perform diving operations to inspect infrastructure components and, if needed, assess repair requirements in various underwater conditions including limited visibility, high currents, restricted conditions and cold water. Projects that we can accomplish include inspections of piers, wharves, seawalls, bulkheads, docks, outfalls and other water service facilities.





# O2 Group Diving Company

## Sample Of Our Certificates





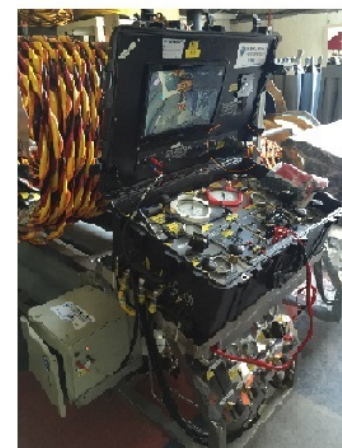


# Accreditations

- **O2** Group prides itself by having their processes and procedures certified by all major Classification Societies for meeting the highest standards, quality and safety within the industry.
- **O2** Group approved by ADCI (American Dive Contractor International) for all kind of diving operations
- Class approved to inspect and certify ocean going vessels and structures for condition and structural integrity as per Lloyd's Register, Det Norske Veritas Germanischer Lloyd, the American Bureau of Shipping, Bureau Veritas, NK class and other certifying bodies
- Maintain underwater wet welding procedures and personnel qualified in underwater wet welding, in all positions, as per AWS D3.6, Class "A", "B", and "C".
- Employ certified NDT inspection personnel in order to support an inspection program as per ASNT level III.

# Equipment

- IMCA compliant equipment and dive personnel certified and accredited as commercial divers under the guidelines of ADCI (American Dive Contractor International), HSE UK Inshore, DCBC (Diver Certification Board of Canada) with all international, federal and state regulations, as well as guidelines established by the ADC (Association of Diving Contractors), U.S. Navy Diving Manual.
- Our company achieve OPG requirements
- IMCA certificate approval for diving operations is under process





## Under water services

**O2 Group** is recognized by all major classification societies for in-water survey and repair.



All the projects we undertake are engineered and carried out in close co-operation with the customer and any third party suppliers. They begin with evaluating the feasibility of an underwater repair, continue through design and construction of customized equipment and go all the way through to successful execution of the repair or replacement and subsequent follow-up. We take on, organize and execute the entire job, start to finish, relieving the customer of all the hassle of coordination, planning and supervision.

**O2** Group underwater service department is manned by qualified professional divers and engineers with 10 year work experience in the ports of Africa's regions, Europe, Asia and etc.

The underwater team and technicians are fully committed to maintaining the highest levels of service and professionalism and performs the operations in compliance with the requirements of the international standard systems.

**O2** Group performs underwater in ship repair and inspection our repair methodology is rooted in a matchless combination of engineers who understand the dynamics of the underwater environment and an experienced team of underwater specialists who utilize Class approved ship inspection procedures, welding repair procedures, underwater repair and rigging expertise, and an industry-leading quality assurance protocol that provides the customer with accurate and timely Objective Quality Evidence (OQE) of contracted repairs.

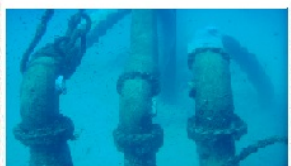
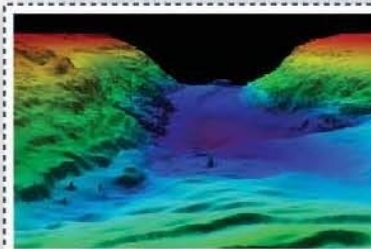
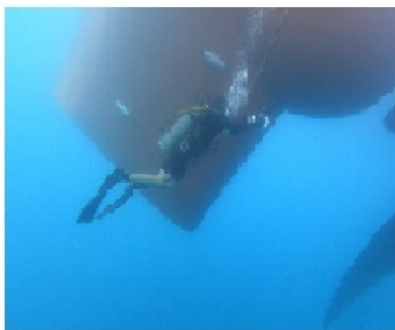
**O2** Group offers Safe, Swift, Highly Cost Effective and Class approved underwater repair and inspection solutions.

Our team is equipped with the modern implements that enable to make the in-water surveys or general underwater works without the vessel being dry-docked. Upon the customer's request the service can be rendered worldwide.



## O2 Group goal

The maximum qualitative and complete service of ships and the oil fields in maximum qualitative and complete service of ships in accordance with the highest international standards .



We are Distributor To



## Special services

### Salvage

- Lifting
- Pumping
- Air lifting
- Buoyant lifts
- Ships settling
- Cut and wet welding
- Sealing wedges with Epoxy
- Patching and coffer damming
- Lifting with pontoons & lift bags
- Demolition for all salvage purposes

### Hydrographic surveys

- Bathymetric survey:
- Bottom profiling:
- Side scan sonar
- Dredging calculations
- Metrological and ocean graphic studies
- Tidal stream and wind Studies
- Soil Investigation
- Boring Services

### ROV inspections

### Media services



# Health , Safety, Environment and Quality Policy



**O2 Group Promotes an organizational culture which strives to ensure the highest standards of personal health and safety and to offer environmentally safe practices. To reach these objectives, in the general interest of our workforce, customers , shreholders , and communities in which the company operate, O2 has established the following objectives :**

- Make sure that no business operation will be pursued at the sacrifice of safety . no project or operation will be undertaken without prior assessment of health safety & environmental risks . Accidents and injuries are preventable .
- Continually improve our safety performance to become an injuries are preventable .
- Ensure a working environment free from substance abuse with high standards of occupational health .
- Provide personnel with proper equipment and training in accordance with their duties
- Make all the necessary resources available to establish "pollution free" working practices. Minimize, or eliminate if possible, the release of any pollutant that may cause environmental damage.
- Encourage each employee to be involed in the improvement of safety performance and to behave proactively in preventing accidents or property damage .
- Immediately report and investigate all accidents to identify root causes and develop preventive measures for our company .
- Work as a team to satisfy our own and our customers requirements in respect to quality, reliability, environment and safety .
- Establish a Safety, Quality and Environment Management System adapted to our operating practices, evaluate it regularly, and set up action plans linked to improvement targets.
- prioritize dialogue, promote sharing of experience and provide adequate information throughout the company .
- Comply with the laws and regulations applicable to our organization wherever O2 conducts business .
- Select sub-contractors and partners whose safety standards are acceptable to O2 and whose commitment to safe work practices be clearly and continuously demonstrated.





your subsea service provider



### Experience





# Principles

## O2 Group Core Values and Ethics

- **Committed:** We will ensure that all our employees are given the best possible working environment and tools to carry out their work with joy and commitment.
- **Competent:** We will continuously develop the knowledge and competence of the employees.
- **Co-operative:** We believe that long-term solutions can only be developed through excellent cooperation between all parties working directly or indirectly with the operation of the vessels.
- **Honest and straightforward:** We all have an obligation to bring forward any concern we may have and be willing to discuss them with an open mind and a genuine interest in other people's concerns.
- **Mobility:** in the shortest possible time, at the request of the ship-owners, we proceed to work practically in any port around the world
- **Quality:** the company guarantee high quality of works implementation because of professionalism of our divers and engineers, application of front-rank technologies and modern equipment
- **Short terms:** we respect the time of our client and implement solutions that achieve efficiency in the shortest possible time
- **Individual approach:** for each specific task, for each vessel, we use an individual approach, choosing methodology, technology, necessary equipment and a special team
- **Correctness and confidentiality of commercial information:** any information will be kept in confidential, as part of our contract with you for cooperation





# Organization Chart



**General Manager**

**Managing director & Management Representative**

**Consultants**

- Inspection Affairs
- Engineering Affairs
- Diving Affairs
- Medical Affairs
- Legal Affairs

**QHSE Manager**

**Operation Manager**

**Financial Manager**

**HR & Admin Manager**

**Training Supervisor**

**Operation Supervisor**

**Purchasing**

**Accounting**

**Human Resource**

**Store control**

**Customer Service**

**Maintenance**

**Government Affairs**

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