



rigsurveysgroup

GROUP SERVICES 2023



rigsurveys



evolutionropes



evolutionhose



OVERVIEW OF GROUP SERVICES



- Lifting Equipment Inspections
- Critical Load Path
- Hull Integrity Surveys
- 5 Yearly SPS Inspections
- Wall Thickness Surveys
- Corrosion Monitoring
- Load Testing
- Crane Auxilliary Services (Overhaul Headache balls)
- NDT Inspections
- Destruction Testing
- API Derrick Surveys
- DROPS Hazard Inspections



evolutionhose

- Hose Integrity Surveys
- Onsite Hose Installation
- Onsite Hose Manufacturing
- Onsite Pressure Testing
- Small Bore Tubing Integrity Surveys
- Supply of Hydraulic Hoses
- Hose Register Management
- RFID Hose Identification



evolutionropes

- Wire Rope Spooling
- MRT and Maintenance
- Wire Rope Removal & Installation
- Spooler Hire up to 200 Tonne
- Wire Rope Pressure Lubrication
- Wire Rope Management
- Wire Rope Product Sales



RIG SURVEYS GROUP

PROUDLY SERVICING THE OFFSHORE DRILLING MARKET

Rig Surveys Group have safely delivered onshore and offshore inspection repair and maintenance services to a broad customer base globally over the past 25 years.

We have extensive experience in the provision of equipment and services for the Oil and Gas sector internationally assuring our client's meet their legislative requirements and maintain safe and reliable operations through our three main business streams.



Provides a full range of inspection services ranging from Lifting Equipment, Specialist NDT and IRM, supported by rope access teams



Provides Hose Management services from manufacture to survey and changeouts with onsite manufacturing capabilities.



Provides Wire Rope Management services including supply of high performance products, inspections and changeouts.



Russell Ritchie
Managing Director,
Rig Surveys Group



RIG SURVEYS



Rig Surveys desire to provide comprehensive, efficient and reliable IRM services to the International offshore industry, with emphasis on the safety of our people and our customers people.

With integrity being key to our success we believe we add value to the service we provide our customers. Our culture ensures passion, strength and care in everyone and everything we do today and tomorrow.

Our highly skilled and motivated service technicians are supported by our onshore performance and technical management teams in our global locations to ensure quality and consistency for our customers.

Over many years working together with our customers to keep their assets safe and reliable, we have been at the forefront of the inspection industry, pioneering new, cutting edge inspection techniques along with advising our clients and industry bodies on best practice.

We are active members of industry bodies such as the IADC, DROPS and are ABS and DNV approved service providers.

As our industry constantly evolves, we actively embrace new technologies and innovations to provide our customers with the highest level of safety performance and data led decision making.

Whether it be fully hands-free head mounted cameras to record and monitor inspections in real time, digital identification of equipment or the latest cutting edge inspection techniques, you can be assured that we will provide value added inspections.





NDT Inspection

Our range of NDT Inspection Techniques cover all areas as required to completed details inspection of Mobil Offshore Drilling Units. We offer Visual, MPI, DPI, Eddy Current and various Ultrasonic methods from convention UT to A and B Scan Tubular Scans, as well as Phased Array. We also offer Paint and Weld Inspections along with Proof Load Testing.



Lifting Equipment Surveys

We carry out detailed Lifting equipment inspection surveys to the complete range of offshore lifting equipment and accessories, ranging from Shackles and slings to Cranes and BOP Transporters. Detailed through examinations are carried out in accordance with local and international standards, such as LOLER, NORSOK, OGP, API, EN and BS standards. As well as our clients own internal procedures for the management, service and inspection of their own equipment.



SPS Surveys

Rig Surveys carry out full Special Periodic Surveys to DNV and ABS requirements on all Mobile Offshore Drilling Units, Utilising our range of NDT disciplines in conjunction with our rope access qualified Inspectors. We complete all in-service inspection programme requirements in a safe, fast and efficient method. Our detailed survey reports of the Hull, Tanks and Critical connections will ensure you are fully aware of the condition of your MODU.



Rope Access Services

Our range of Industrial rope access services are a safe and efficient method of working at height where ropes and associated equipment are used to gain access to and from the work place, where various services such as Inspection, Welding, Painting and Electrical work scopes can be carried out.



Hoisting / Handling Tools

Our specialised technicians are fully conversant in the inspections required on Hoisting and Handling Tools. From rotary connections on the BHA to Crown Block and Travelling block inspections and all other associated equipment; and in accordance with the various API standards.



Dropped Object Surveys

Dropped Object surveys and inspections are critical in the offshore industry; more importantly is dynamic drops where equipment is evaluated for potential dropped occurrence from its operating environment and not just a routine inspection. Rig Surveys lead the way with a portable IT checklist for our clients allowing our comprehensive and detailed surveys to be followed up by regular in service dropped checks by the clients between surveys.



EVOLUTION HOSE



Looking for an Integrated Hose Management Solution? Need competency in Hose Management?

The fundamental success of any hose management project depends on the Risk Based Maintenance Program that it is focussed upon. In order to comply with insurance audits and health & safety obligations there has to be a clear and concise program to demonstrate you understand the risks involved with a flexible hose assembly and you are carrying out the required precautionary maintenance to mitigate against any risk caused by utilising them.

Here at Evolution Hose we perform visual inspections, registration and tagging of flexible hoses according to internal company procedures as well as International Standards and Industry Best Practice. We have created a bespoke hose register that not only complies but exceeds all industry standards.

Initial base line surveys of your assets ascertain the initial condition of your hoses which are identified with visual tags as well as our RFID tags. FHA (flexible hose assemblies) are then added to your register with an accurate description outlining hose type, length, end fittings, working pressure, manufacture date, as well as detailed locations and drawings references.

Our bespoke APP allows you, once the survey is complete, to see exactly which hoses require immediate attention and which are likely to need attention in the near future. The app also enables our techs to take pictures of the hoses so you can inspect the fault without leaving the office.

Our comprehensive list of services include performing baseline surveys right through to offering an on-site FHA manufacture and testing facility which can be mobilised within a couple of days for the change out of FHA's.

The flexibility this offers means that our technicians can supply expert advice on routing of hoses as well as advice on what type of hose may be more suitable for your application, prolonging the life of the hose and reducing downtime - ultimately saving money and reducing inconvenience.



Jonathan Tebbutt
General Manager,
Evolution Hose





Hose Integrity Surveys

With productivity, reliability, safety and environmental awareness being crucial to any operation, ensuring your hose assemblies are well maintained is essential. Our services include performing criticality analysis of the hoses based on specifications from the customer in conjunction with industry standards. A risk based inspection process and procedures will enable efficient planning and budgeting for inspection services and replacement frequencies.



Onsite Hose Removal & Installation

With our BFPA trained technicians we are able to remove, tag, carry out a complete manufacture and testing process, and thereafter re-install any hoses on any equipment, including hoses which require rope -access to reach using best practice and industry standards and regulations.



Supply of Hydraulic Hoses & Associated Fittings

Regardless of the medium, the demands on your hose can be wide and varied, from dealing with the subsea environment to dealing with a high degree abrasion. Evolution hose is constantly looking for the best solution for your needs and supplying an option that fits your budget as well as your application. Not being limited to any one hose manufacturer means we can explore many different variations in order to quote the perfect product.



Onsite Manufacture & Pressure Testing

Evolution Hose's Hose Repair Workshop Containers are set up to include all the required equipment to offer a complete onsite hose replacement service. All hoses can be manufactures, cleaned, tagged and pressure tested in-situ producing a 'Pressure Test' certificate.



Small Bore Tubing Integrity Surveys

Small bore tubing (SBT) failure can have a significant impact on production, leading to high costs and inefficiencies. We specialise in the management of SBT systems, maintaining their integrity whilst ensuring compliance with customers and industry standards. Assessing the consequence of failure and probability of future damage will allow for appropriate inspection and replacement frequencies to be completed purely based on risk.



Hose Register Management & RFID Solutions

Data is only useful if it can be presented in a way that you can access the relevant information to your requirements. That is why we have developed our own Register software, drawing on the experience of our clients and our technicians in order to give you the information that you need. RFID Technology is fully integrated.



EVOLUTION ROPES



Evolution Ropes supply a comprehensive range of specialist steel wire rope products along with all required fittings. As well as supply, Evolution Ropes offer a complete after sales service to ensure that all of their products are able to fulfil any requirement you may have, now or in the future, within the marine and offshore industry.

Based in Aberdeen, Evolution Ropes are ideally positioned to ensure you have the highest performance products for mechanical handling, lifting, mooring and towing operations.

Our products are highly resistant to corrosion and impact, very durable, safe and cost-effective. All this is ensured by the use of first-rate materials, perfectly tuned manufacturing processes, and cutting-edge rope tech in terms of compaction.

Depending on the intended use, Evolution Ropes offers both rotating and rotation resistant ropes. Premium-quality raw materials and perfect workmanship are standard – in each of our ropes.

Our experience and knowledge ensures that we can provide our customers with any standard or specialist products, components or fittings associated with lifting and mechanical handling applications.

Evolution Ropes service and supply offering includes:

- Wire Rope Management
- Wire Rope Handling & Installation
- Wire Rope NDT and Pressure Lubrication
- Wire Rope Socket Terminations
- Destruction Testing
- Equipment Supply
- Equipment Rental



Peter Young
Director,
Evolution Ropes



Wire Rope Management

High performance wire ropes are critical components within all relevant mechanical lifting and handling systems and as such require a robust inspection and maintenance process to prevent premature retirement or failure in service. We can implement a wire rope management process tailored to your specific requirements and in compliance with relevant procedures, processes, regulations and industry best practice relating to new ropes, in service ropes and also end of service life evaluation.



Wire Rope NDT & Pressure

A full length Non Destructive Examination and pressure lubrication of in-service high performance wire ropes can be carried out in order to provide the highest level of inspection of clients critical ropes ensuring service life is maximised without compromising safety and performance. Ropes removed from service can also be inspected and pressure lubricated in-house in order to be re-used, thus providing cost saving benefits.



Wire Rope Handling & Installation

Our fully trained and experienced wire rope service team can carry out removal, installation and change out of all ropes associated to clients crane, winch and mechanical lifting and handling systems. In order to handle and install these ropes correctly and achieve optimum performance and service life we provide the correct spooling and handling equipment for the specific tasks.



Destruction Testing

Carrying out a destruction test of a representative sample of a high performance wire rope can provide important information as to the residual break load value in relation new. We can cut and prepare such samples using spelter socket terminations which will give an actual break load value of the provided sample. In order to achieve the actual break load of the rope it is important that these samples are correctly handled, prepared and tested.

USING TECHNOLOGY

We use comprehensive software and intuitive Power BI empowering tools to simplify your certification needs and client and Class responsibilities. Connect to and visualise your asset data using the unified, scalable platform for self-service and enterprise business intelligence (BI) that's easy to use and helps you gain deeper data insight.

- **OneBI**, our business intelligence solution helps our customers understand what is being spent and where, leading to manageable and controlled inspection costs. Our customers can view inspection status against budgets fleet wide, and on a per rig basis. Data gathered and monitored through OneBI is used to form the basis of quarterly and annual customer reviews.
- **SphereOne**, our purpose built cloud based reporting platform enables you, as the end user, to view your equipment status, monitor defects and access historical records. Our product has been developed to enable customers easy navigation and find reports efficiently.
- Our **ongoing commitment** to evolving our business utilising the latest technologies available to us. Recent examples of this are our rope access inspection teams using headset cameras to send real time feeds from the rig to our office, our customers office and attending surveyor for SPS works.



SphereOne Portal & OneBI

- Fleet Wide Dashboard
- Asset Details Screen
- Inspection Details Screen
- View all historical reports
- View equipment Libraries
- Business Intelligence integration



QUALITY & SERVICE DELIVERED

“Excellent service and teamwork. We look forward to having the crew back again.”

Diamond Offshore – Ocean BlackRhino

“Attending crew is professional, knowledgeable, approachable, and always helpful. The team works safe and system reports are well put together and organized. Machinery containers in good condition with no issues.”

Diamond Offshore – Ocean BlackRhino

“Quality of work is excellent. No recommended improvement.”

Diamond Offshore – Ocean BlackLion



“Engineers were efficient & professional. Excellent crew, thank you!”

Noble Drilling – Noble Sam Turner

“The technicians who came onboard were excellent, very professional and a pleasure to work with. A credit to the company.”

Noble Drilling – Noble Sam Turner



“Good work with excellent attention to Health & Safety and Environmental matters”

Noble Drilling – Noble Sam Turner

“Would not hesitate to recommend or have this team return”

Valaris - Valaris 92



“A good team that work in a very professional manner”

Noble Drilling – Noble Houston Colbert

“No improvements at this time, great service”

Transocean – Deepwater Conqueror



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OUR COMMITMENT DRILLS DOWN DEEPER

