



rigsurveysgroup

Group Services Brochure 2022



rigsurveys



evolutionhose

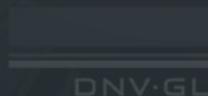


evolutionropes

LOOK BEYOND



ABS Quality Evaluation
AN ABS GROUP COMPANY





Rig Surveys Group Introduction

Rig Surveys Group have safely delivered onshore and offshore inspection and certification services to a broad customer base throughout the North Sea and Global locations over the past 25 years.



We have extensive experience in the provision of equipment for offshore Oil and Gas companies both in the UKCS and International areas aiding client's in meeting all their legislative requirements and ensuring these services add value to their operating processes.

All Lifting Equipment, Lifting Accessories, and Safety Equipment meet all legislative

requirements, and can be supplied in accordance with relevant client specific procedures or requests.

Fixed lifting equipment i.e. winches, pad eyes and runway beams, loose lifting equipment and rigging equipment examination, Rigging Equipment supply, hire, repair & overhaul Cranes and Crane Blocks.

We have access to a large stock of rigging equipment and have negotiated preferential rates with many lifting equipment suppliers & manufacturers passing the benefits onto our customers. Our experienced mechanical bench fitters repair and maintain all types of lifting equipment from chain blocks & lever hoists to large multi sheave crane blocks.

Our facility is secure, can be utilised for the storage of both Rig Survey owned and client owned property, and is monitored 24 hours a day by CCTV.

Our partner Global Energy Group have further significant office, workshop and yard facilities across the UK including the Port of Nigg and associated fabrication



Russell Ritchie, Managing Director, Rig Surveys Group

Our Inspection Services



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.



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.



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.



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.



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.



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 Introduction

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



Our Hose Management Services



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 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 manufactured, cleaned, tagged and pressure tested in-situ producing a 'Pressure Test' certificate.



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.



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.



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.



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. To compliment our software we also utilise the latest RFID tagging hardware in order to make the process of finding a hose on our register simple and efficient.



Evolution Ropes Introduction

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.



Peter Young
Director
Evolution Ropes

**HIGHEST
RELIABILITY**

**HIGHEST
SAFETY
STANDARDS**

**HIGHEST
CORROSION
RESISTANCE**



Our Rope Services



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 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.



Wire Rope NDT & Pressure Lubrication

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.



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 for Service Improvement

Rig Surveys Teams perform visual inspections, registration and tagging of equipment according to internal company procedures as well as the international industry guidelines.

Our trained and competent inspectors use RFID to tag hoses in their initial inspection.

SphereOne, our purpose built platform enables you, as the end user, to take full control of your assets. From having a full description presented in basic English to having the facility to replace hoses on the register if you swap them over.

SphereOne puts you in control of the hoses on your register. Give a staff member a tablet with the SphereOne app downloaded onto it and they will be able to identify a hose, it's manufacture date, test date, replacement date meaning an efficient, no hassle solution to maintaining your asset.

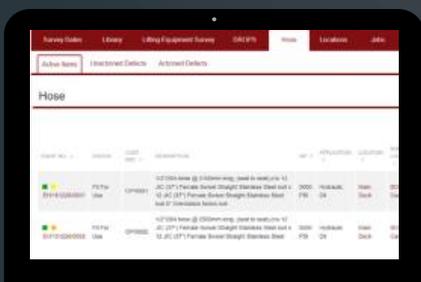
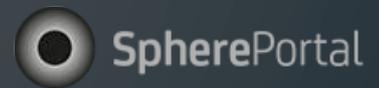
The technicians sync the data back to the Cloud which is then made available in almost real time for Rig Crew.

Rig Crew and management teams back at the beach are able to view Hose Registers, print individual certification and view any defective items.



SPHEREONE PORTAL & ONE BI

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



Quality & Service Delivered

Diamond Offshore – Ocean BlackRhino

“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 BlackLion

“Quality of work is excellent. No recommended improvement”

Noble Drilling – Noble Sam Turner

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



Noble Drilling – Noble Houston Colbert

“A Good Team that work in a very professional manner”

Noble Drilling – Noble Sam Turner PRV Calibration and Certification

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

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.”

Transocean – Deepwater Conqueror

“No improvements at this time, great service”



GROUP SERVICES & CONTACTS

Rig Surveys

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

Evolution Hose

- 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

Evolution Ropes

- 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

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