

Vessel assurance audits

**ASSET
LOCATION**

Pipe lay vessels
Europe and Africa

Unbiased third party assurance gives you confidence that your equipment is fit-for-purpose and ready for deployment

BENEFITS

One supplier who can offer manpower to inspect and report on equipment condition as well as perform any maintenance required

No need to use expensive Original Equipment Manufacturers (OEMs) – Sparrows Group offer local personnel to perform the project

Standardisation of the process to ensure consistency



DELIVERY ASSURED

CHALLENGE

Our client was experiencing issues with their contractor's equipment not being in a state of readiness for projects to perform rigid lay and flex lay operations. As a result they wished to develop procedures for the visual inspection of the equipment, review of the documentation, certification, and witnessing of sea trial testing prior to project execution.

They required a third party to perform the inspections, alongside their own representative, to give an unbiased view on the equipment spread and chose Sparrows because of our experience in the design, build and operation of such equipment.

The scope included a number of different vessels.

SOLUTION

- Our Cable and Pipe Lays Systems (CPLS) team worked with the client to create condition evaluation questionnaires for the rigid and flexible lay equipment and winches on board the vessels.
- A review of the available documentation, manuals and certification for the equipment was performed before mobilising and missing requirements were communicated to the client vessel prior to the on-site inspections.
- The condition evaluation questionnaires were used offshore as a guide to inspect each piece of equipment before being further developed specifically for the equipment on site to allow templates for future work to be created.
- Sparrows' personnel travelled to the vessels to perform the work, documenting the equipment condition and recommendations as well as witnessing sea trials in some instances.
- An initial report was created on-site detailing immediate actions required and a further more detailed report with recommendations was developed upon return. A RED, AMBER, GREEN philosophy of priority to the actions required was used and a full photographic history of the inspection was taken.
- Our client then used this report and information to ensure the equipment was in a state of readiness to perform the lay operations.
- Not required in this instance, but we often also create maintenance plans which can be subsequently carried out by Sparrows or the client.

SUMMARY

- Condition evaluation assessment creation specific to the vessel equipment
- Desktop review of documentation, certification and manuals
- Personnel mobilised offshore to perform inspections
- Reporting of findings for all equipment in standard format
- Report of actions required and recommendations
- Maintenance performed



Vessel assurance in progress

Please visit www.sparrowsgroup.com/contact to find your nearest office

