Subsea 7 provides a complete high quality solution for all clients’ underwater inspection needs, with 100% in-house support function. This comprises of preparation, offshore execution and final reporting delivery in a timely manner tailored to best fit the client’s specifications and time line.

Key elements include:

- All types of inspection of all assets from seabed-to-surface
- Air and saturation diving inspection
- ROV structural inspection (both platform and vessel based)
- ROV pipeline inspection
- Specialist onshore support team with dedicated inspection knowledge supporting projects gained through years of experience
- Understanding of non-destructive testing (NDT) technologies best suited
- Sourcing / identifying and utilising new technologies to enhance underwater inspections
- Inspection and maintenance planning and co-ordination services
- Link to other facets within the Life-of-Field portfolio to ensure best fit solutions
- Proven track record in all fields of underwater inspection
- Experienced and highly competent project management and engineering services.
With over 30 years experience in safely delivering a vast array of inspection projects around the globe, Subsea 7 has continuously strived to meet the challenges of ever changing requirements – from the shallow water air diving to the latest ultra deepwater developments utilising the latest in ROV and now Autonomous Vehicle technology.

Subsea 7’s integrated Life-of-Field services brings together the world’s largest underwater inspection qualified resource pool with Integrity Management, Survey and Remote Intervention.

Utilising the extensive fleet Subsea 7 has at its disposal, the Inspection department can support the full range of inspection workscopes (structural and pipeline) utilising divers (air and saturation), ROVs and AIV.

In addition to offshore support, the extensive onshore specialist support team can provide assistance on a vast array of levels (from the simple query to full-scale project support).

Working with specialist suppliers (software and NDT techniques) and our own in-house Integrity Management team (which bring an understanding of the integrity issues and drivers), we identify the most effective and efficient methods of attaining the results required by our clients.

Subsea 7 has experience in inspecting all forms of subsea infrastructure – pipelines, FPSOs, jackets, concrete gravity and subsea drill centres.

Examples of the types of work include but are not limited to:

- General and close visual inspections on structures
- Cathodic protection and field gradient surveys
- Flooded member detection
- Advanced weld inspections (MPI/ACFM/UT/EC/radiography)
- Advanced wall thickness inspection (PEC/DWT/TOFD)
- Digital photogrammetry and metrology
- Leak detection
- Multibeam surveys
- Out of straightness
- ROTV/side scan sonar/visual on pipelines

Subsea 7 can identify the areas of concern and provide a capable solution utilising the Intervention and Autonomous System (IAS) team within the Life-of-Field group. This intervention could be direct remedial solution, a method to deploy state-of-the-art NDT techniques, or could include the use of Subsea 7’s Autonomous Inspection Vehicle (AIV) to supplement existing pipeline and structural operations.

From contract award to final delivery Subsea 7’s aim is to provide specialist continuity to projects.

This large internal resource has the potential to share knowledge and experience via the Data Management service within Life-of-Field. Identifying ways to get the relevant information to the Technical Authorities and Integrity people both in-house and at the client.

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