

INTECSEA

WorleyParsons Group

The logo for innospection features a semi-circular arch of small grey circles above the word "innospection" in a bold, white, sans-serif font.

A New Offering in Flexible Integrity Management

— A COMPLETE OFFERING —

- Integrity Management planning
- Visual and MEC-FIT™ inspection
- Assessment with FLEXAS™ and intervention planning and construction management for execution
- Life of field riser model updates and analysis
- Future inspection planning guidance



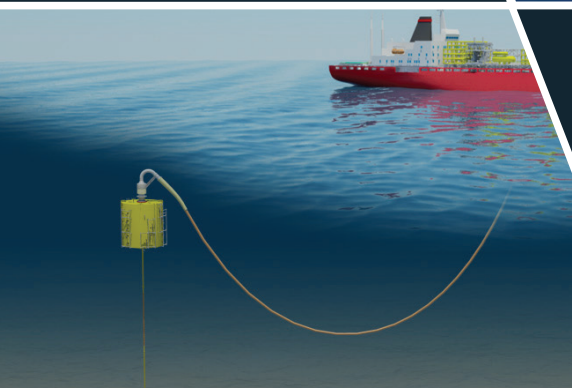
Integrating **FLEXAS™** and **MEC-FIT™**
for **Flexible Riser Integrity**

Reducing
operational
uncertainty.

Delivering cost
and schedule
savings.

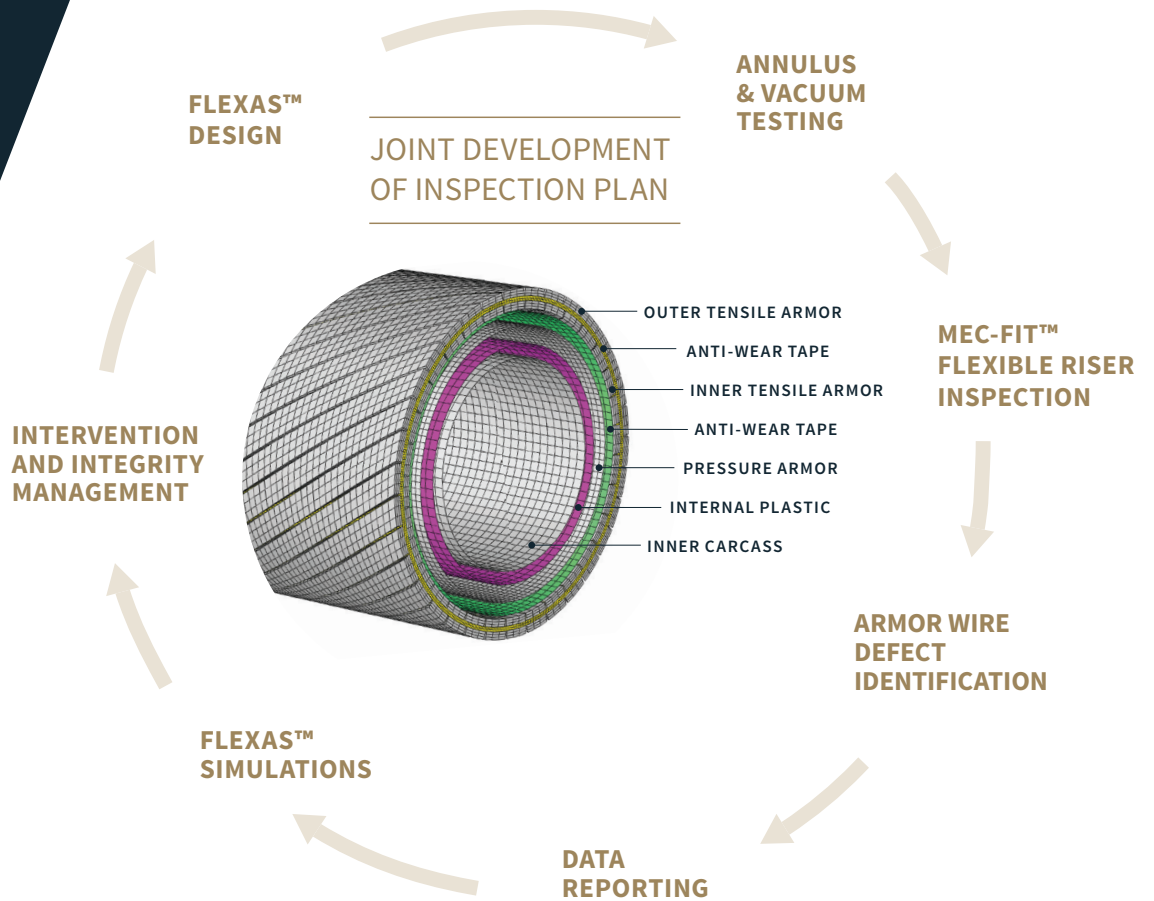


*A Strategic Alliance
of industry leading
inspection and analysis
tools in the arena of
flexible riser integrity.*



VALUE PROPOSITION

Life extension assessment through more accurate, less conservative, analysis based on more detailed inspection data through the Integration of INTECSEA's FLEXAS™ and Innospection's MEC-FIT™ inspection system.



MEC-FIT™

- Combined DC magnetic field and Eddy Current field to detect single or multiple wire damages in up to 3 layers
- Capable of detecting cracking, pitting and general corrosion as well as wire misalignment and gaps
- Mapping wire layers, identifying details of individual findings
- No couplant by annulus flooding required
- External deployment from installation or by ROV
- Fast scanning
- Inspection track records of flexible risers

FLEXAS™

- More realistic simulations leading to increased accuracy for fatigue life predictions
- Single integrated flexible riser global analysis with detailed multi-layer models and direct stress recoveries
- Elimination of secondary local stress analyses with detailed segment models
- Direct stress recovery from the global analysis, increasing accuracy

VALIDATION

- ▣ Deepstar qualification program
- ▣ Independent Operator Experimental benchmarking
- ▣ Validation against Experimental and numerical references
- ▣ Selected by NASA and qualified for mission-critical analysis for manned space flight.

