

Assuring Integrity in Concept and Design

Optimizing OPEX When Designing CAPEX



FEATURES

Effective inspection, maintenance, and integrity management solutions

Focused, commercial approaches to risk and reliability

Implementing robust processes at CAPEX to support through-life asset integrity activities

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Our difference

Ensuring robust, built-in integrity solutions at the concept stage enables cost savings and efficiencies to be realized throughout the complete life of your asset.

Oceaneering will support you at the early CAPEX stages to develop and implement standard processes for life-of-asset integrity scopes, providing rightsized and effective inspection, maintenance, and integrity management solutions.

We help support and manage the planning of integrity and maintenance activities by using a focused, commercial approach to risk and reliability, such as managing risk-based assessment/risk-based inspection (RBA/RBI) and risk and reliability maintenance/risk-centered maintenance activities. This, in turn, optimizes operations and delivers efficiencies for our customers.

We take a holistic view when it comes to our approach and methodology, and, with no specific affiliations to original equipment manufacturers (OEMs), we remain impartial and technology neutral.

Our goal is to provide the optimal level of maintenance and inspection activities to our customers by identifying the most appropriate non-intrusive inspection techniques or advanced technologies in order to enhance asset operability—and to always take risk and criticality of equipment into account.

Asset owners can achieve unique value in designing their asset integrity management plans at the early CAPEX stages of a project. We can support them in a number of ways, including:

- » Materials identification and selection
- » Design review and simplification
- » Designing for operability, ensuring easy access for in-service and non-intrusive inspection and maintenance
- » Equipment tagging and spares management
- » Identification of appropriate locations for live-data monitoring sensors and other specialist techniques

We recommend that our customers start these planning activities at the design stage (CAPEX) of any new assets. By doing so, asset owners can achieve unique and additional value and opportunity.



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