

OFFSHORE RIG LAYUP SOLUTIONS

In any rig layup project the unit goes into a stacked condition with good intentions, but may then be overlooked due to higher priorities such as working assets. Neglect during the stack time and failure to put a startup plan in place before stacking can force costly repairs and delays before the unit can be put back to work.

In today's challenging market, the layup and subsequent reactivation of multiple rigs is becoming more commonplace. Due to market pressures and increased demands on resources, rig owners may not have the capacity to make sure that each asset is shut down efficiently or maintained appropriately over the stacking period, in a manner necessary to quickly restore the unit to full working condition.

ABS Advanced Solutions has the resources and technical experience to help owners manage the layup of today's high specification units, which require greater attention and technical knowledge than older, less sophisticated units. Our technical experts can provide engineering studies, logistics support and inspection services from the pre-layup stage through startup and reactivation, helping to confirm that the unit is fit for a quick return to service with minimal costs and time.

RIG LAYUP SOLUTIONS

ABS Advanced Solutions can provide experienced support and technical solutions to help owners reduce costs, confirm safety and security and increase efficiency throughout the entire layup process. In addition to the following services, we can also help develop environmental response plans.



Pre-Layup

Activities to address the integrity of key structural elements:

- Structural integrity program development and management
- In-service inspection
- Data management
- Anomaly identification, tracking and resolution
- Risk-based inspection
- Life extension
- Weight tracking
- Stability analysis

Layup

- Oversight of subcontractor work and validation of correct layup work completion
- Audits

- Equipment and machinery systems
- Spares and topside components
- Cyber layup
- Mooring plan
- Software
 - Copies of critical systems data/drives
 - OEM's support integration
 - Software version log
 - Power requirements during downtime
- Physical security and cybersecurity

Storage

- Intermittent audit/inspections and assessments

- Verification of conditions
- Inspection and review of items related to class requirements
- Development and maintenance of work list for restart
- Inspection and safety plans
- Rotating equipment checks

Reactivation

- Breakout plan
- Development of work package and pricing
- Selection and oversight of subcontractors
- Training
- Class and flag survey support
- Restacking requirements
- Scrap or sell studies



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