



OFFSHORE ASSET DECOMMISSIONING

As offshore facilities and vessels age amid the global energy transition, the industry focus is increasingly on safe and ethical decommissioning and recycling. Increasingly sustainable operations are a growing priority as owners and operators must balance regulations with the need to be good stewards of the environment. Meanwhile, safety is an essential constant throughout an offshore asset's lifecycle, and end-of-life is no different.

Decommissioning activities can cover a wide range of situations that represent a risk to both crew and the environment, including dealing with aging infrastructure and removing assets with potential structural integrity issues. Whether at the site or the recycling yards, these situations have the potential to lead to crew injury, oil and hazardous material spills, or both. The integrity of assets must be maintained throughout the decommissioning process, protecting the environment and personnel.

HOW CAN ABS HELP?








ABS provides a broad array of services to support the safe and sustainable decommissioning of offshore assets. Our services, offered at or close to most yards and ports all over the world, touch on every area of decommissioning projects, including survey, carbon reporting, engineering analysis, inspection of equipment removal, regulatory planning, support at recycling yards and more.

WHY ABS?

ABS has remained a leader in offshore class services since the industry started more than 70 years ago. ABS has also been a leader in classing floating production storage and offloading (FPSO) and floating production units (FPU) since the first structures ever entered operation.

Through this deep and tenured experience, ABS has developed a strong understanding of the decommissioning process, including sustainable practices, carbon accounting, complex regulatory framework and the practical and technical challenges faced by aging offshore assets.



 <p>PROJECT SUPPORT</p>	<ul style="list-style-type: none"> • Verification of implementation of plans and processes • Auditing of the recycling process • Project management support
 <p>ENGINEERING SUPPORT</p>	<ul style="list-style-type: none"> • Engineering analysis • Verification of decommissioning engineering: structural integrity of modules and skids, lifting analysis, modules and jackets transportation analysis, etc. • Verification of engineering documents related to domestic transportation and reefing (if applicable)
 <p>RISERS AND SUBSEA</p>	<ul style="list-style-type: none"> • Risers and umbilical removal analysis • Subsea equipment removal analysis
 <p>INDEPENDENT VERIFICATION/INSPECTION</p>	<ul style="list-style-type: none"> • Independent third-party verifications on behalf of project stakeholders • Inspection on behalf of the owner or operator • Condition inspection of equipment to be removed • Survey/inspection of removal of equipment, risers, subsea • Onshore inspection of equipment at arrival, warehouse, etc.
 <p>REGULATORY SUPPORT</p>	<ul style="list-style-type: none"> • Identification of requirements • Regulatory assistance • Assistance with the development of a regulatory plan • Implementation of a regulatory plan
 <p>SUSTAINABILITY</p>	<ul style="list-style-type: none"> • Carbon footprint determination (whole or by phases) • Emissions determination • Verification of goals achievement • Emissions reduction initiatives • Green recycling certification
 <p>RECYCLING YARD SUPPORT</p>	<ul style="list-style-type: none"> • Verification of dismantling process • Qualification of welding/cutting procedures • Verification of equipment removal, preservation or disposal • Verification of destination and disposal (materials and waste) • Procedures and quality audits • Issuance of third-party periodical reports

For assistance with your offshore vessel or asset, contact the ABS team at GlobalOffshore@eagle.org.



WORLD HEADQUARTERS

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