



AQUACULTURE INSTALLATIONS

Moving aquaculture installations offshore presents an opportunity for increased production capacity to meet rising fish demands. Offshore positioning also mitigates pollution, reduces costs and alleviates competition for shoreline real estate, making it an attractive solution.

The success of offshore installations hinges on their reliability. Classification ensures compliance with standards and regulations, addressing the requirements of regulatory bodies, financiers and other stakeholders. With installations moored or piled in deeper, less sheltered waters facing strong ocean waves and currents, verification of arrangement is very important.

ABS, as a classification society, brings extensive experience to this task, considering the unique characteristics of site-specific installations worldwide. We have collaborated on numerous aquaculture projects, ensuring global performance, structural integrity, mooring stability and overall safety.

In response to industry demands, ABS has developed the *Guide for Building and Classing Aquaculture Installations*. This Guide outlines class requirements for designing, constructing, installing and surveying non-self-propelled, sited aquaculture installations. It encompasses various installation types, including spar-type, column-stabilized, ship-shape floating fish farming and non-buoyant fish farming installations. Addressing the hull structure, mooring system or foundation, and onboard machinery, equipment and systems, this Guide sets the standard for safe and efficient aquaculture operations.

AQUACULTURE SERVICE VESSELS

ABS also offers guidance for Aquaculture Service Vessels through the *Guide for Building and Classing Aquaculture Service Vessels*. This guide delineates class requirements for a range of vessels, including support vessels, pellet carriers, live and refrigerated fish carriers, and harvest, factory and processing vessels.



For additional information or assistance with aquaculture installations and vessels, please contact globaloffshore@eagle.org.



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