
OFFSHORE FISH FARMING INSTALLATIONS

Recent trends in aquaculture have seen fish farms moving from inshore to further offshore.

Locating such farms offshore can provide more space where aquaculture production can be expanded to meet the increasing demands for fish. In addition, pollution, rising costs and intense competition for shoreline real estate are significant incentives for positioning the farms offshore. Developing a reliable offshore fish farming installation is key to a successful operation. Through the classification process, the design, construction and installation of such installations can be verified for compliance with certain rules and standards, often addressing the needs of regulatory agencies, lending instructions and other stakeholders.

With offshore fish farming installations positioned by mooring or piling in increasing deeper and less sheltered waters, with strong ocean waves and currents, verification of arrangement is important. ABS as a classification society has considerable experience on the classification of various types of offshore units with consideration of distinctive characteristic of site-specific installations. ABS has been involved in several offshore fish farm projects with its clients around the world considering

the unique characteristic of offshore fish farming installations with regards to global performance, structure, mooring and stability.

To meet industry needs, ABS has developed the “ABS Guide for Building and Classing Offshore Fish Farming Installations”.

The Guide provides class requirements for the design, construction, installation

and survey of non-self-propelled, sited offshore fish farming installations, and covers several types of installations including spar-type, column-stabilized type, ship-shape floating fish farming installation as well as non-buoyant fish farming installation. Three major elements of the installations, i.e., the fish farming hull structure, the mooring system or foundation, and onboard machinery, equipment and systems, are addressed in the Guide.



For additional assistance with Offshore Fish Farming Installations, please contact GlobalOffshore@eagle.org.