

Wind Turbine Installation Ships

Amended Rules and Guidance

Rules for the Survey and Construction of Steel Ships Parts B and O
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Reason for Amendment

In recent years, interest in using renewable energy has been steadily growing worldwide due to the ever increasing demands for energy as well as concerns about global warming. This has been especially the case in the area of wind generated power.

With respect to wind generated power, although wind turbines are being installed in both onshore and offshore areas, due to generally favourable wind conditions and the ability to easily install large-scale units, more and more wind turbines are being installed in offshore areas.

In relation to the above, the construction of specialized work-ships designed to install such wind turbines has also been increasing, thus creating a need for the establishment of specific requirements which take into account the special characteristics of such ships. Therefore, requirements regarding “Wind Turbine Installation Ships” have been stipulated.

Outline of Amendment

- (1) The definition of a wind turbine installation ship is stipulated in 1.3.2, Part O and definitions of self-elevating ships and column-stabilized units have been stipulated in 1.3.3 “Type of Ship”.
- (2) A new chapter “Chapter 11 Wind Turbine Installation Ships” which stipulates relative requirements has been added to Part O.
- (3) Requirements for the surveys of wind turbine installation ships and self-elevating ships have been stipulated in “Surveys for Work-ships”, Chapter 15, Part B.