

Introduction to Smart WTIV Technology

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Global offshore wind energy has been growing as one of attractive markets for green and renewable energy transition. It demands new build WTIV(Wind Turbine Installation Vessel) for installation of larger sized wind turbine to reduce the cost of offshore wind farm construction. Digitalization, along with the energy transition, is affecting the entire industry and the marine and offshore vessels are also required to have more intelligent and user friendly features for enhanced operation. It is expected that dedicated application for WTIV digital and smart technology are able to assist better environment for vessel operations and to provide cost effective solution to increase value of WTIV. In an effort to see more clear picture for the concept of how WTIV can be smart and what digital technology can be implemented, a brief understanding of smart WTIV technology will be introduced by this presentation.