>>>PRESS RELEASE

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Introduction of Japan's First "Semi-Active Motion-Compensated Gangway" for SEP Vessel Transfer

Wakachiku Construction Co., Ltd. will introduce Japan's first "Semi-Active Motion-Compensated Gangway" for SEP vessel transfer, based on Japan Radio Co., Ltd.'s two-axis motion compensation system.

The contract was signed in May 2023, with design work beginning in June of the same year, and delivery scheduled for October 2024.

This pioneering gangway system is made possible through Wakachiku Construction's extensive offshore operation experience combined with Japan Radio's motion control technology developed over more than 60 years.

Small and medium-sized SEP vessels used for offshore wind site investigations and port construction lifting operations can continue working in challenging wave conditions by lifting their platforms, where conventional vessels cannot operate. While workers regularly commute between shore and SEP vessels using small transport boats, rough sea conditions make vessel-to-vessel transfers hazardous due to excessive motion, resulting in reduced operational efficiency.

The "Semi-Active Motion-Compensated Gangway" significantly reduces bridge motion even in rough seas during transfers from small vessels, facilitating safe access to SEP vessels. By installing these gangways on transport vessels stationed at various ports, we aim to achieve approximately 30% improvement in operational efficiency through safer transfers to small and medium-sized SEP vessels.

Wakachiku Construction will contribute to expanding offshore wind power capacity toward achieving carbon neutrality by 2050, utilizing both our recently announced jointly-owned large-scale SEP vessel capable of handling offshore wind power facilities and our core marine civil engineering technology that has been central to our business since founding.

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