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Marubeni Corporation
The University of Tokyo
Mitsubishi Corporation
Mitsubishi Heavy Industries, Ltd.
Japan Marine United Corporation
Mitsui Engineering & Shipbuilding Co., Ltd.
Nippon Steel & Sumitomo Metal Corporation
Hitachi, Ltd.
Furukawa Electric Co., Ltd.
Shimizu Corporation
Mizuho Information & Research Institute, Inc.

Fukushima Experimental Offshore Floating Wind Farm Project
Second Phase Update

A consortium made up of Marubeni (project integrator), the University of Tokyo (technical advisor), Mitsubishi, Mitsubishi Heavy Industries, Japan Marine United, Mitsui Engineering & Shipbuilding, Nippon Steel & Sumitomo Metal Corporation, Hitachi, Furukawa Electric, Shimizu, and Mizuho Information & Research has been participating in an experimental offshore floating wind farm project sponsored by the Ministry of Economy, Trade and Industry since March 2012. At present, the construction of the three-column semi-sub as part of the second phase has been successfully completed.

1. Outline of construction works in the second phase:

Setting one 7MW oil pressure drive-type floating wind turbine and undersea cables

2. Work progress to date:

<7MW oil pressure drive-type floating wind turbine>

Floater

- Completion of construction of the three-column semi-sub floater and mooring it at Mitsubishi Heavy Industries, Ltd. Nagasaki Shipyard & Machinery Works.

Wind Turbine

- Parts procurement and construction of 7MW oil pressure drive-type floating wind turbine in progress at Mitsubishi Heavy Industries, Ltd. Yokohama Dockyard & Machinery Works.

<Undersea cables>

- Production of the undersea cable at Furukawa Electric Co., Ltd. Chiba Works.
- Preparation to connect cables to the 66kV floating power sub-station in progress.

3. Next Step

The following activities need to be completed to start operation of the power facilities during the current year:

※ Schedule will be changed depending on the meteorological and sea conditions

<7MW floating power facilities and undersea cable>

Early June – late August	Laying chains and anchors at the testing area
Mid June – late August	Shipping, laying and burying the undersea cable at the testing area
From early December	Mounting wind turbine on three-column semi-sub at Onahama port

