

Tank type : Floating shore tank

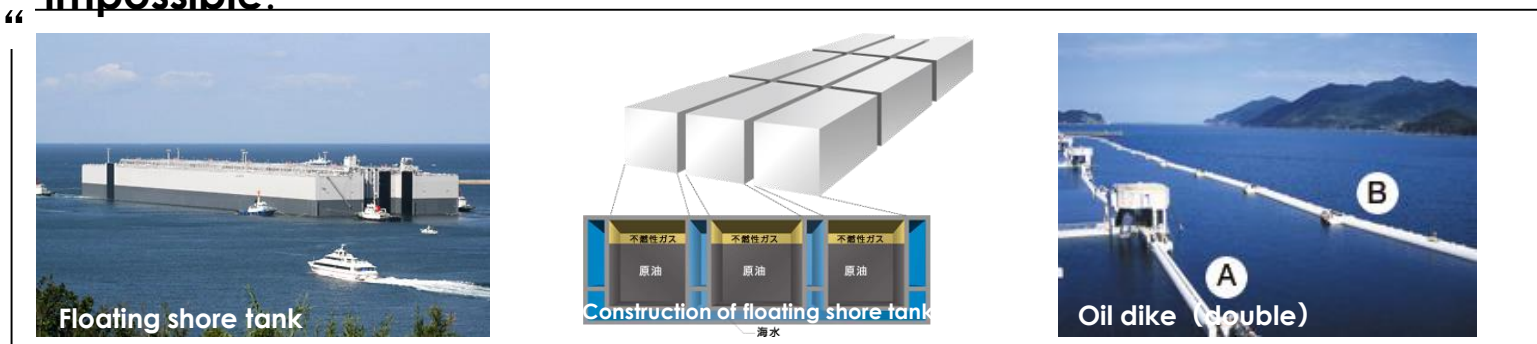
Installation Conditions

- Water depth must be approximately 25m
 - ✓ The port at Fukushima Daiichi is about 4-5m deep.
 - ✓ Radioactive substance contamination would most likely be spread if the port is dredged, and parts of the ocean floor outside the port would have to be dredged to bring the tanks into the port.
- The enormous size of floating shore tanks used at oil storage depots make them virtually impossible to be brought inside the Fukushima Daiichi port and installed.
 - ✓ Floating shore tanks that can be installed in the Fukushima Daiichi port area are similar in size to the Megafloat that was used to store accumulated water from Units 5-6 in the past. Storage capacity is approximately 10,000m³per floating unit.

Risks after installation

- The tanks may be pushed ashore and cause damage in the event of a tsunami.
- Recovering leaked water would be impossible since the liquid is the same consistency as seawater. (Oil can be contained using oil dikes.)

➔ **Installation of this type of tank at Fukushima Daiichi has been deemed impossible.**



【Reference】 Floating shore tank at the Kamigoto Oil Storage Depot

Storage capacity: 880,000kL, Dimensions of one storage ship: L:390m × W:97m × D:27.6m
(The inside of the ship is divided into nine blocks using horizontal and vertical bulkheads.)

Source: All images taken from Kamigoto Oil Storage Co., Ltd web site