

**A new research vessel SHINSEI MARU has joined JAMSTEC's fleet**

A new research vessel, SHINSEI MARU which has been under building at the Shimonoseki Shipyard & Machinery Works of Mitsubishi Heavy Industries, Ltd., was completed and delivered to JAMSTEC on the 30th of June 2013. R/V SHINSEI MARU is a replacement of R/V TANSEI MARU which retired in January 2013, and will play an irreplaceable role in the [Tohoku Ecosystem-Associated Marine Sciences \(TEAMS\)](#) project with her state-of-art functions in coastal waters.

TEAMS is a research program that contributes to restoration, in particular restoration of fisheries, in the Tohoku region by revealing the impact of the Great East Japan Earthquake on the marine ecosystems in the coastal and offshore waters, and the restoration process of the marine ecosystems. Led by JAMSTEC, Tohoku University, and the Atmosphere and Ocean Research Institute (AORI) of the University of Tokyo, TEAMS brings together marine science researchers to investigate the sea off Sanriku as a decadal program beginning in JFY 2011.

SHINSEI MARU is equipped with two azimuth thrusters and a dynamic positioning system and has a wide variety of observation systems and portable research equipments on board. She is expected to make a significant contribution in recovering the marine ecosystem and fisheries off Tohoku through comprehensive studies (efficient and effective marine environment observation, bathymetric survey and ocean-atmosphere research) she will conduct.



Length	66.0 m
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Beam	13.0 m
Designed full load draft	4.50 m (5.0m including sonar dome)
International gross tonnage	1,629 tons
Cruising speed	12 knots (maximum speed 13.2 knots)
Accommodation	41 ( 26 crew, 15 research personnel)