

Cruise Summary

1. Cruise Information

- Cruise ID MR13-03
- Name of vessel Mirai
- Title of the cruise Observational study on the Intraseasonal Variation over the tropical western Pacific
- Chief scientist [Affiliation] Masaki Katsumata [JAMSTEC]
- Representative of the Science Party [Affiliation] Ryuichi Shirooka [JAMSTEC]
- Title of proposal Observational study on the intraseasonal variability over the tropical western Pacific
- Cruise period May 31 - July 06
- Ports of call Sekinehama – Hachinohe – Koror - Yokohama
- Research area Tropical Western Pacific

2. Overview of the Observation

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In order to investigate the atmospheric and oceanic variations in the tropical western Pacific and their role in the intraseasonal variation, the intensive observations by using R/V Mirai were carried out. This cruise was a component of the international field campaign named PALAU2013.

The main part of the cruise was dedicated to perform stationary observation at (12N, 135E) to obtain high-resolution time series of the oceanic and atmospheric variations. R/V Mirai was at the station for 18 days from Jun. 13 to Jun. 30 (in Leg-2). Before arriving the station, she cruised almost meridionally from Japan to Palau (in Leg-1).