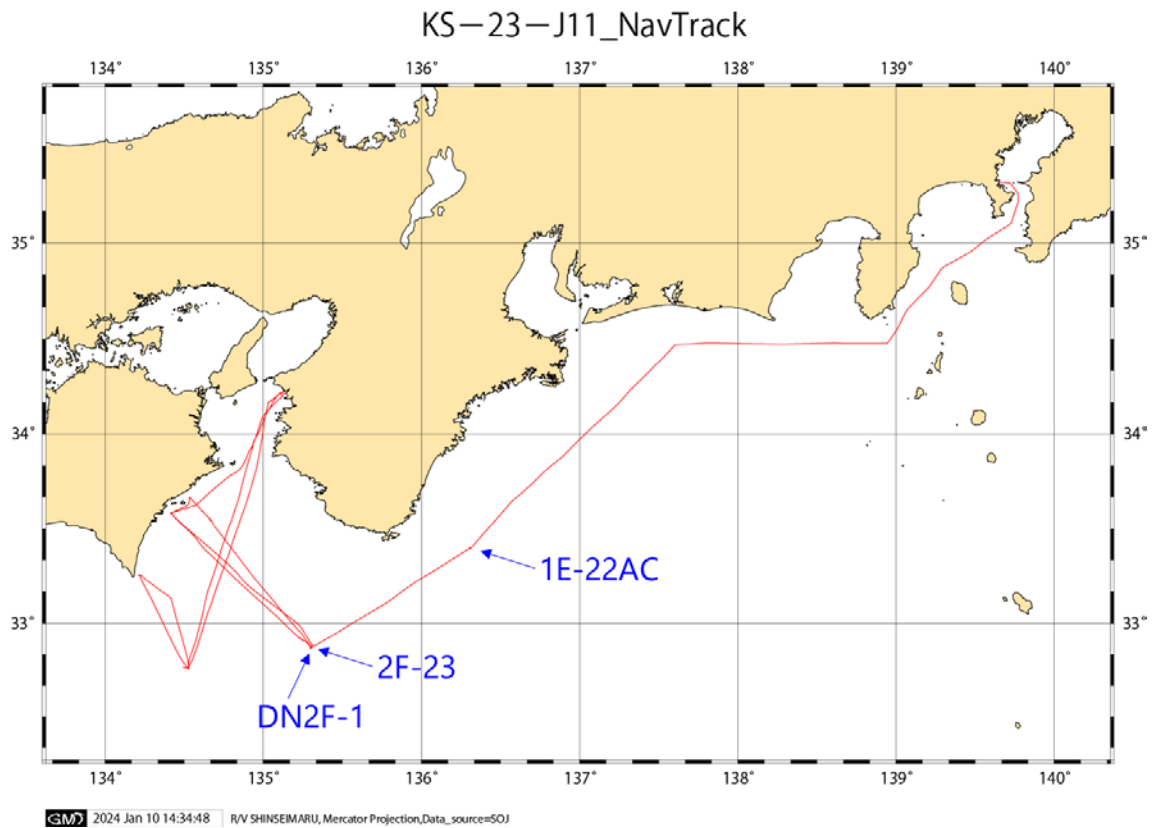


Cruise Summary

1. Cruise Information

- (1) **Cruise ID:** KS-23-J11 Leg1
- (2) **Vessel:** R/V SHINSEI MARU
- (3) **Cruise Title**
Real time ocean bottom crustal movement observation Maintenance of the DONET
- (4) **Chief Scientist**
Shuhei Nishida (JAMSTEC)
- (5) **Representative of the Science Party**
P23-14 Eiichiro Araki (JAMSTEC)
- (6) **Research Titles**
P23-14 Real time ocean bottom crustal movement observation
C23-03 Maintenance of the DONET
- (7) **Cruise Period**
2023/12/28 - 2024/01/05
- (8) **Ports of departure/call/arrival**
Yokosuka - Wakayama
- (9) **Research Area**
Kumano Nada, off Kii Channel

(10) Cruise Track



2. Overview of the Observation

- The extension cable of DONET observatory 1E-22 was disconnected.
- The health check of the sensors was carried out installed a brand new Long-Term Borehole Measurement System installed at CK23-03, and DAS and TW-COTDR measurements were taken using optical fibers installed in the borehole.
- A submarine cable was laid from DONET node 2F to brand new LTBMS, and the both instruments were connected.
- The ground motion sensor system at DONET observatory 2F-23 was backfilled with sand.