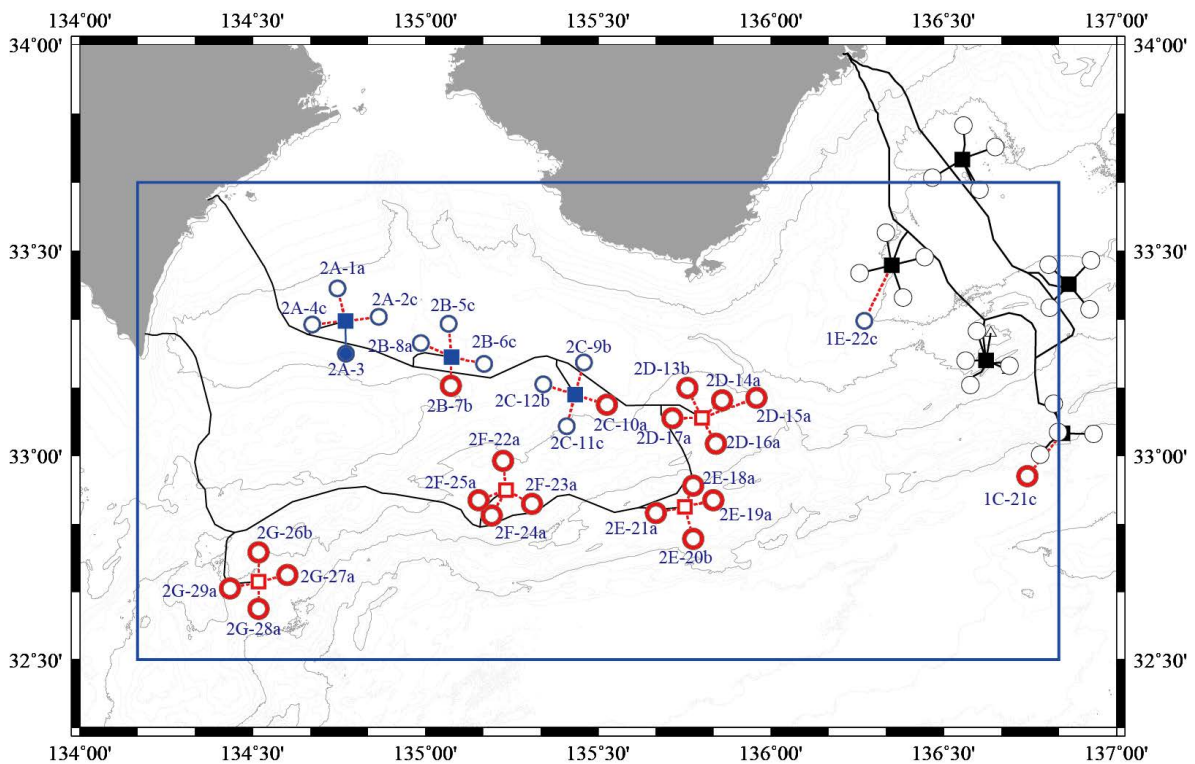


KR14-E05 Cruise Summary

1. Cruise Information

- Cruise ID: KR14-E05
- Name of vessel: Kairei
- Title of the cruise: Caissons Deployments of the oceanfloor network for earthquake and tsunamis.
- Chief scientist [Affiliation]: Shuhei Nishida [JAMSTE]
- Representative of Science Party:
Yoshiyuki KANEDA [JAMSTEC]
- Cruise period: 27th, Oct, 2014 ~ 10th, Nov., 2014
- Ports of departure and arrival:
Harumi ~ JASMTEC Yokosuka Head Quarter
- Research area: off Kii Channel and Kumano-nada



red circle: a caisson wasn't installed, blue circle: a caisson was existed

Fig.1 the Research Area of KR14-E05

2. Overview of the Observation

In this cruise, twenty operations of caissons deployment were carried out. Ten caissons were deployed for DONET2 observatory. The installed condition of these caissons were good by means of acoustic signals, i.e., installation tilt is within 8 degrees, penetration length was enough to install a ground motion sensor system of DONET2.

Table1 Casing Installation Position List

	Observatory	Acoustic		Tilt						
	ID	Tilt	Penetration	X	Y	Max	Latitude	Longitude	Depth [m]	Homer ID
CS35	2D-14	OK	Full	-2.6	4.7	5.4	33-08.1341N	135-51.4823E	2,387	51
CS39	2G-26	OK	Full	-5.4	-2.7	6.0	32-45.6791N	134-30.9895E	1,845	45
CS42	2F-22	OK	Full	-2.6	2.9	3.9	32-59.2499N	135-13.5067E	2,098	54
CS44	2F-25	OK	Full	-4.0	0.5	4.0	32-53.4987N	135-09.2183E	2,260	42
CS45	2D-13	OK	Full	-0.5	1.9	2.0	33-09.5504N	135-45.3158E	2,347	91
CS46	2E-19	OK	Full	-1.1	2.5	2.7	32-53.4958N	135-50.0001E	3,438	70
CS47	2E-18	OK	Full	4.2	-2.1	4.7	32-55.6191N	135-46.4712E	3,535	57
CS48	2D-16	OK	Full	-3.1	-3.6	4.7	33-01.7963N	135-50.4084E	2,409	67
CS49	2D-17	OK	Full	-4.8	1.0	4.9	33-05.4987N	135-42.8540E	2,695	69
CS50	2D-15	OK	Full	1.8	-0.3	1.8	33-08.5090N	135-57.5033E	2,236	66