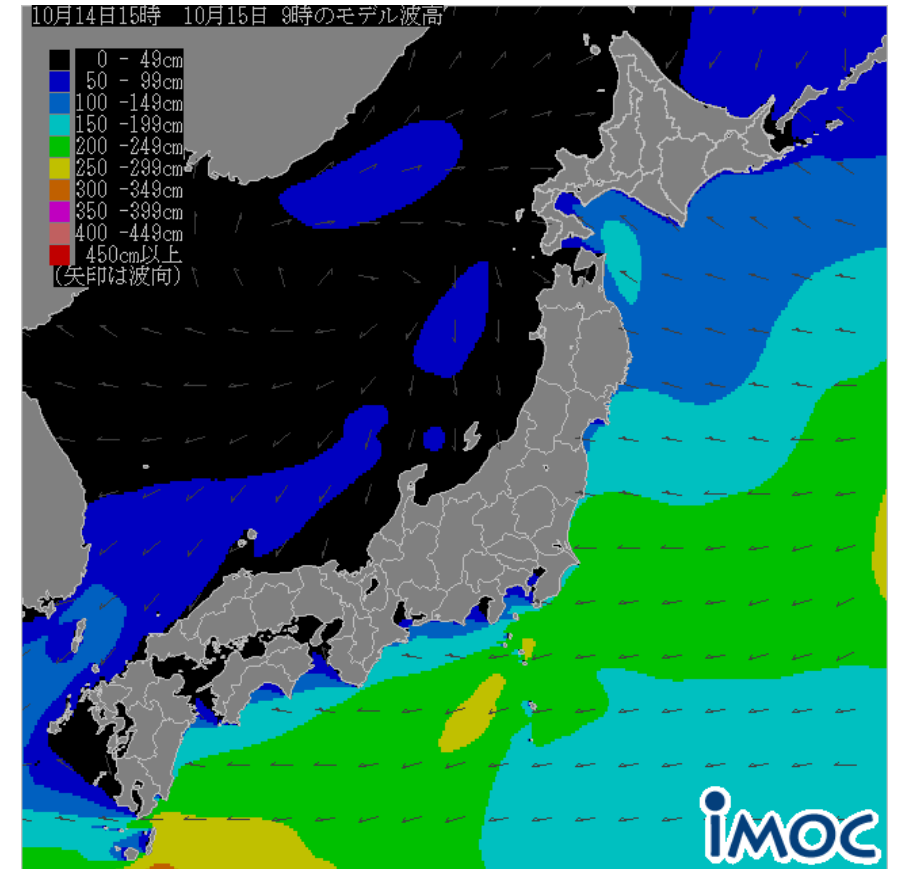


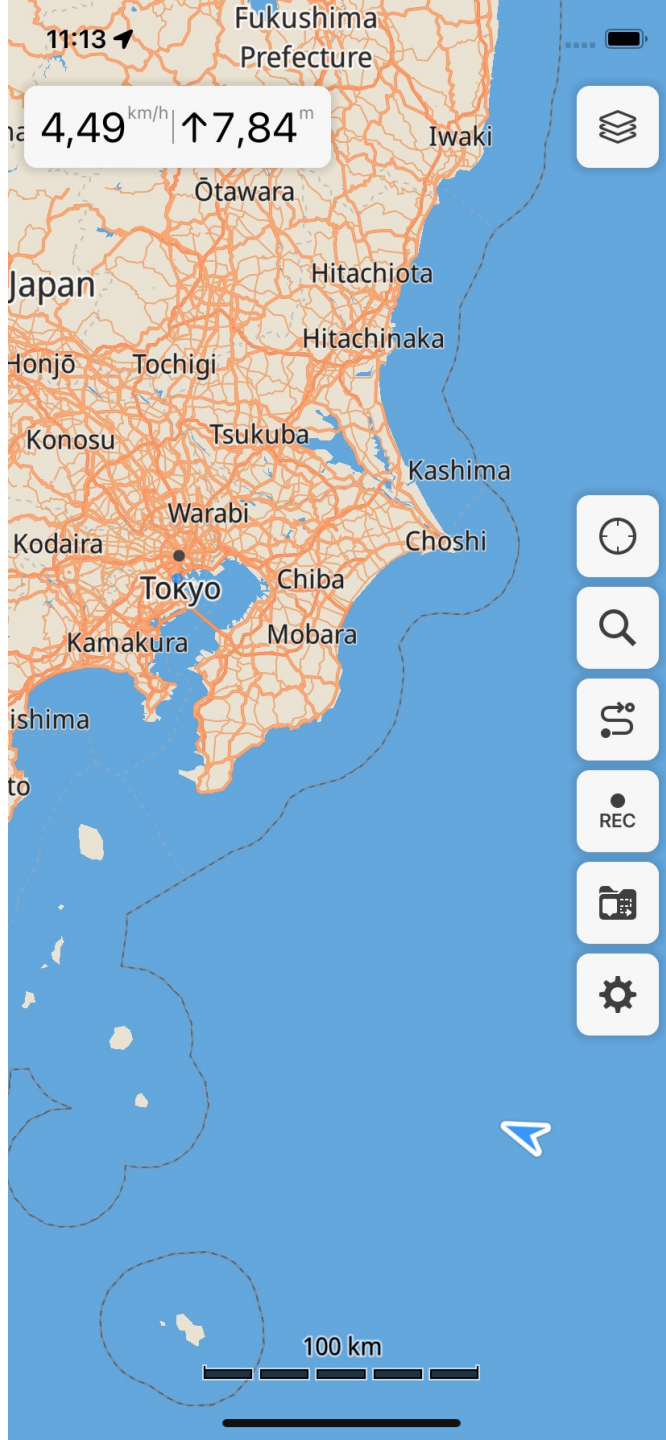
Umitaka-maru UM22-04
cruise part 2



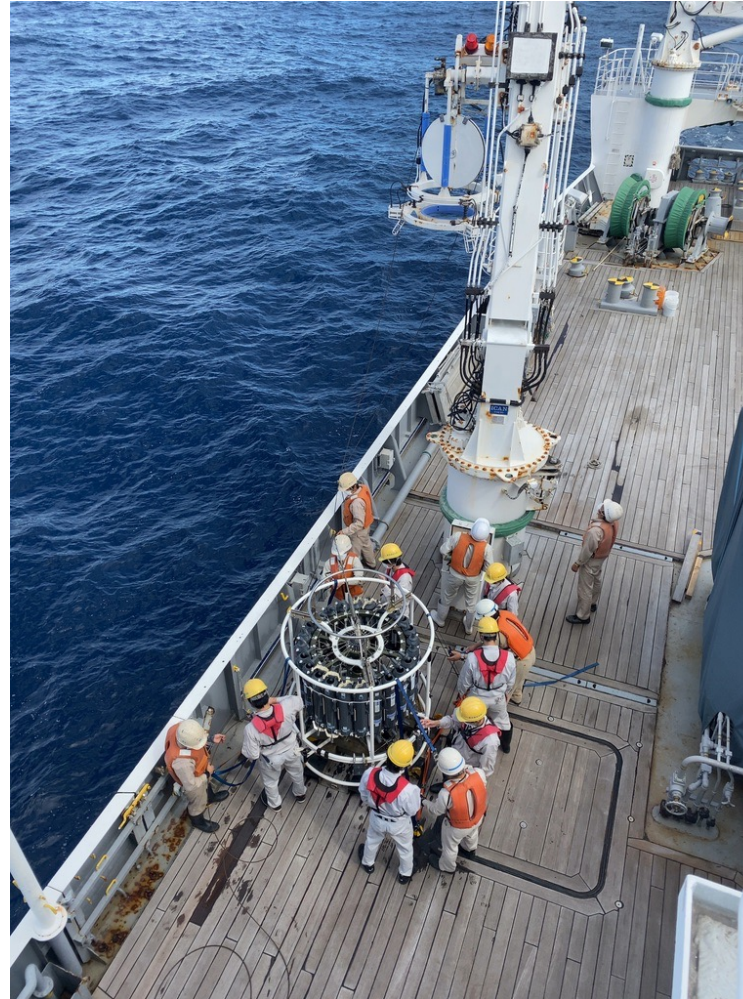
- During in Tokyo bay, we had a lecture for students.
- Mathias, Sebastian and Kazumasa presented their studies.



- Weather condition was getting recovering, and we departed to Station 5 (4000 m).



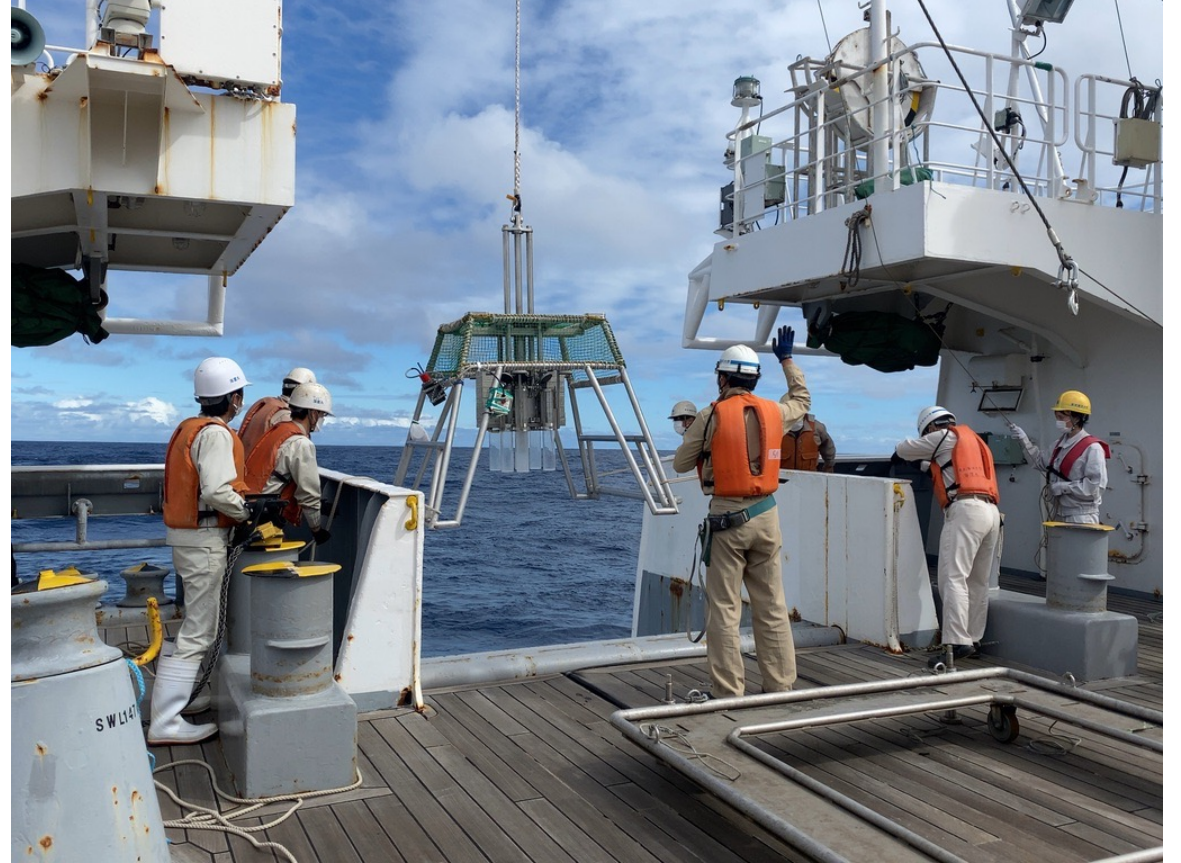
- St. 5 is far from Honshu island.
- Internet connection is unavailable.



- First, CTD operation has started.



- At St. 5, wave was higher but the weather condition was not bad.



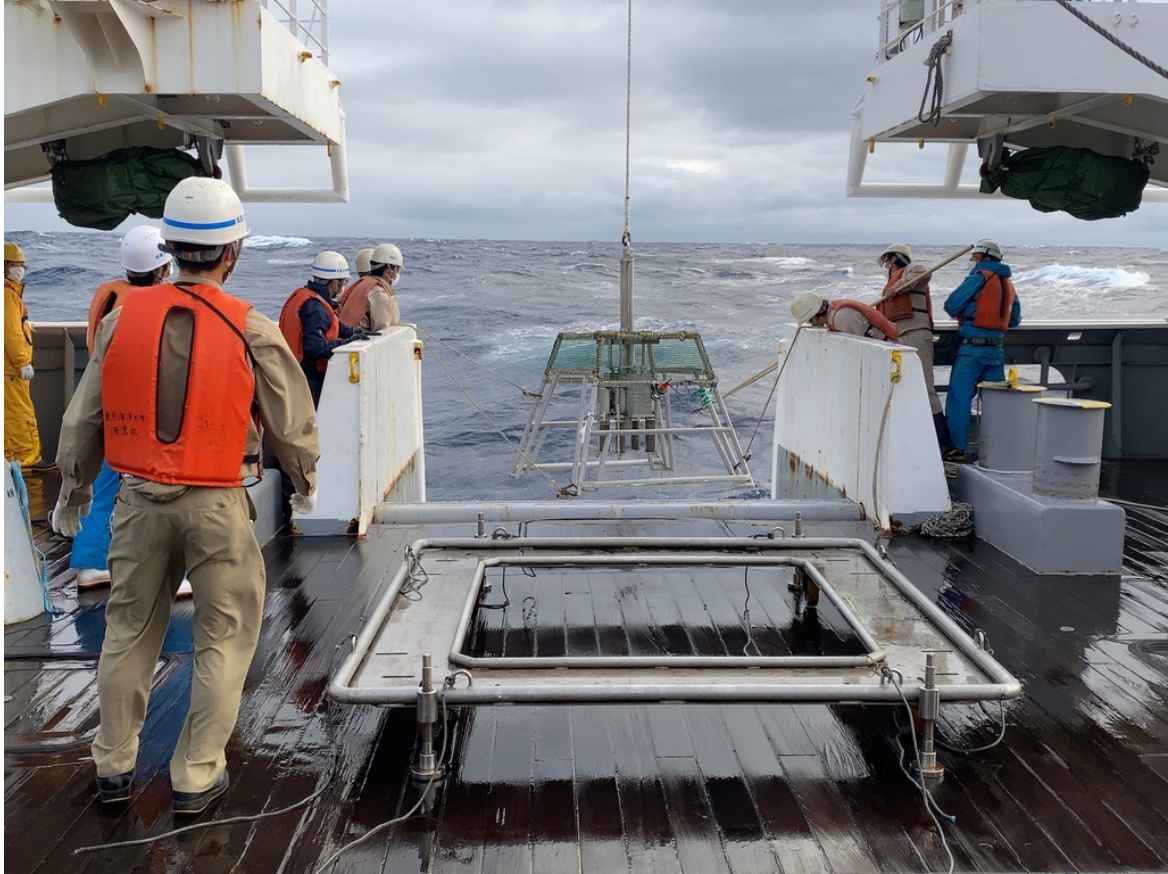
- MUC deployment has started.



- During the MUC deployment, the weather was getting worse. Wave height was increasing.



- Finally, seawater was intruded on the deck.



- MUC has recovered in the bad weather condition.
- 6 cores were collected.





- Sampling was carried out in the shaking laboratory.





- We escaped to the shiny Sagami bay.
- Morning exercise is conducted every day at 6:30 (Radio Taiso, a popular Japanese physical exercise.)



- MUC deployment at St.3 (Sagami bay) was conducted again.



- We went back to Tokyo bay on 16/10.



- Port call at Tokyo port.
- Umitaka-maru met Shinyo-maru again.

Summary.

- UM22-14 (11/10-17/10) by Umitaka-Maru, TUMSAT
 - Two CTD casts (at St. 3 and St. 5)
 - Five MUC deployments (St. 3, St. 2, St .1, St. 5 and St. 3-2)
 - Observation at St. 4 (2500 m) was cancelled due to bad weather condition.