



**Daily Drilling and Scientific Report for IODP Expedition 386
Japan Trench Paleoseismology, 2021**



13th May 00:00 – 24:00 JST Japan Standard Time (UTC+9)

1. Location at noon

Position 38° 32.6' N, 144° 6.9' E

IODP-MSP borehole: N/A

Prospectus borehole: N/A

Water Depth: N/A

3. Operation

MBES/SBP survey around Site M0084 was completed by 0215 hrs. The ship began sailing to Site M0081 while monitoring sea surface current. Very strong surface current (>2.5 knot) was observed between 38° 5' N and 37° 35' N. Southern area of 37° 35' N still showed strong surface current (>1.5 knot).

3. Science Report

N/A

4. Core Recovery Details

Hole		
Barrel length (m)		
Cored length (m)		
Curated length (m)		
Recovery (%)		
Number of sections		

5. Time Breakdown

00:00 Continue MBES/SBP survey around Site M0084.

#18(W-E): From Lat: 40°27.7509' N, Long: 144°25.4872' E to Lat: 40°27.1347' N, Long: 144°28.2668' E

#3(E-W): From Lat: 40°26.5099' N, Long: 144°27.8004' E to Lat: 40°27.1441' N, Long: 144°25.4517' E

#5(W-E): From Lat: 40°26.0728' N, Long: 144°25.1669' E to Lat: 40°25.4389' N, Long: 144°27.5451' E

02:15 Sail to Site M0081 while monitoring surface current.

6. Hours (inc. cumulative total) – no contractual implications can be made from these figures

In port	35.0
Transiting	119.65
Operating	352.5
Technical downtime	0.0
Weather downtime	226.9
Other downtime (specify)	0.0

7. Weather

Cloudy and warm (~18 degC), with steady southeasterly wind (~12 m/s) throughout the day.

8. Planned Activity for the next 24 hours

Conduct 2nd 40 m GPC at Site M0081

9. Health and Safety and Environmental

Ship's drill

10. Photo of the day



1) Ship's drill (photo by NOKutsu@ECORD/IODP/JAMSTEC)



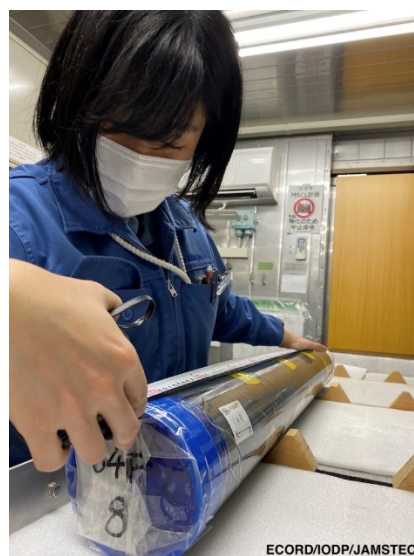
2) Lab tech placing core into an ESCAL bag (photo by LMaeda@ECORD/IODP/JAMSTEC)



3) Lab tech purging, vacuuming and sealing ESCAL bag (photo by LMaeda@ECORD/IODP/JAMSTEC)



4) A lab tech folding up the edge of ESCAL bag (photo by LMaeda@ECORD/IODP/JAMSTEC)



5) A lab tech checking the core length before MSCL scanning (photo by NOKutsu@ECORD/IODP/JAMSTEC)



6) A lab tech making liner patches (photo by LMaeda@ECORD/IODP/JAMSTEC)



7) A lab tech pipetting IW for analysis (photo by LMaeda@ECORD/IODP/JAMSTEC)