



**Daily Drilling and Scientific Report for  
IODP3-NSF Expedition 501  
New England Shelf Hydrogeology, 2025**



**17<sup>th</sup> June 00:00 – 17<sup>th</sup> June 24:00 East Daylight Time (UTC -4)**

**1. Location**

Position 40.9976°N, 70.3334°W @12:00 EDT 17<sup>th</sup> of June  
IODP-MSP borehole M0112A  
Prospectus borehole MV-08A  
Water Depth: 41 m

**2. Operations Report**

Following a successful operation to recover all the drill pipe and CHD bottom hole assembly to deck at M0111C preparations were made to transit to site MV-08A. By midnight the L/B Robert had jacked down, transited to the new site and commenced pre-loading.

**3. Science Report**

The Science Team spent the day analysing results and preparing for the next Site. A science meeting was held, attended by all scientists, ESO staff and members of the drilling and ship's crew, where initial results from Site M0111 were presented and discussed.

**4. Core Recovery**

Hole	M0111C
Cores recovered	0
Drilled length (Coring, m)	0
Drilled length (Open hole, m)	0
Recovered length (m)	0
Recovery (%)	0
Depth at midnight (mbsf)	0

**5. Time Breakdown**

00:00 - 03:40 Attempt to cut CHD string above obstruction. Recover the cutting tool & HQ string to deck.  
03:40 - 06:00 Work CHD string and recover.  
06:00 - 06:45 Complete CHD string recovered, including the BHA.  
06:45 - 08:00 Recover casing.  
08:00 - 10:00 Dismantle rig floor and tie equipment down in preparation for moving location.  
10:00 - 10:40 Lower boat to sea surface and lift legs off sea bed.  
10:40 - 12:00 Transit to MV-08A.  
12:00 - 24:00 Position boat on location, lower the legs and perform pre-load procedures.

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

In port	n/a
Transiting	n/a
Operating	
Technical downtime	
Weather downtime	
Other downtime (specify)	

**7. Weather**

Again a steady 11 kt easterly blew all day, with low swell from the east southeast of around 1 m. Visibility was poor for much of the day, being close to zero, but improved to 8 nm by early evening.

**8. Planned Activity for the next 24 hours**

Complete pre-load procedures & commence coring at site MV-08A.

## 9. Health and Safety and Environmental

No health and safety issues were raised.

A search of the decks was completed for stranded seabirds. None were found.

## 10. Photo of the day



*Figure 1. Nick McMahon from Boart Longyear, cutting the joining lugs from the casing (LEBER@ECORD\_IODP3\_NSF\_rigfloor).*