



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



19th May 00:00 – 19th May 24:00 East Daylight Time (UTC -4)

1. Location

Position 41° 09.326' N, 072° 37.026' W @1200hrs Eastern Daylight Time (-4 GMT) 19th of May
IODP-MSP borehole N/A en route to MV03C
Prospectus borehole N/A
Water Depth: approximately 27 m

2. Operations Report

All crew and Science Team members were onboard the LB Robert at Bridgeport, Connecticut at 00:00h on the 19th of May. At 06:00h the crew lifted the pads on the legs from the seafloor. The ship left port at 06.30h EST to make the transit to site MV03C. The LB Robert transited through Long Island Sound with two pilots. A full science team meeting was held at 13:30h to update all members on safety during operations. The second pilot departed the vessel at 19:53h near Block Island.

3. Science Report

No science to report.

4. Core Recovery Details

Hole	N/A
Cores recovered	N/A
Drilled length (Coring, m)	N/A
Drilled length (Open hole, m)	N/A
Recovered length (m)	N/A
Recovery (%)	N/A
Depth at midnight (mbsf)	N/A

5. Time Breakdown

00:00 All onboard
06:30 Departure from Bridgeport, CT
11:00 Captain, contractor, ESO and CC meeting
13:30 Safety Briefing and update on shift working
24:00 In transit to MV03C

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

In port	6.5
Transiting	17.5
Operating	0.0
Technical downtime	0.0
Weather downtime	0.0
Other downtime (specify)	0.0

7. Weather

Wind 20-25 knots from the NW at 12.00. Visibility good.

8. Planned Activity for the next 24 hours

Arrive at site morning of 20th May 2025.
Pre-load and jack up.
Await confirmation from Captain to commence operations.

9. Health and Safety and Environmental

13:30h full team safety briefing for operational safety.

10. Photo of the day



Sunrise over the dockside at Bridgeport CT, as the L/B Robert sets sail.
Photo: Khurram@ECORD_IODP3_NSF_2025_05_19