

## **EXPORTS North Atlantic Survey Ship Situational Awareness**

**Date:** 05/17/2021

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**Vessel and Cruise ID:** R/V Discovery, DY131

### **Today, the survey ship accomplished**

Discovery sampled all five core stations, with optics at A2-S and TMC towfish collection during the transit from A2-S to A2-N. The evening will be spent sampling a Spoke to the SW, with CTDs at roughly 20 km intervals.

### **Tomorrow, the survey ship will...**

Complete SW Spoke.

Begin Edge Experiment at 49° 04.5'N, 15° 33.5' W.

Conduct UCTD section while transiting coreward along 49° 04.5'N.

Optics along the UCTD section.

CTD cast paired with pumps, targeted on the frontal region using the UCTD observations.

Pumps conducted in conjunction with Sarmiento MOC tow.

### **Survey ship plans through the next 3 days...**

18 May: Edge Experiment, sampling with Sarmiento

19 May: Edge Experiment, sampling with Sarmiento

20 May: Back to the core, TMC CTD and towfish, pumps

### **System Status...**

All good.

### **Group Status...**

All good.