

EXPORTS North Atlantic Process Ship Situational Awareness

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Vessel and Cruise ID: RSS James Cook, JC_214

Today, the Process ship accomplished

Today began with the final hours of a successful MOCNESS day-night paired tow followed by a CTD cast for production and grazing experiments. Multiple MSC deployments occurred mid-morning. The day concluded with mid-day optics, a 1000 m hydrocast, and CTDs and net-tows for zooplankton experiments.

Tomorrow, the Process ship will...

Tomorrow will be a “make-up” day for Epoch 2, using day 8 of this epoch to conduct the day missed due to weather. We will end Epoch 2 with Spa Day!

Process ship plans through the next 3 days...

In the coming days, we will move into Epoch 3. However, we anticipate another weather delay as winds/waves pick up late Wednesday and into Thursday. Accordingly, deployment of the trap arrays and WW have been delayed in order to ensure science can occur throughout their deployments in order to characterize the system.

System Status...

All systems appear to be operational, with the occasional glitch in specific instruments which are quickly assessed and fixed, largely with help of the IT technician Mark. Currently the cell sorting flow cytometer is still not operational and alternative cytometers are being employed to ensure live phytoplankton counts are conducted on samples from morning and mid-day CTD rosette sampling.

Group Status...

All are doing well and spirits seem high as we look forward to Epoch 3.