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2 Prof M' Manus.

This report summarises the work of a cruise to gather data for both DANI & CEFAS. It is too early to provide summary data but the cruise is a good example of the good working relationships between DANI and the UK government laboratories

Dan H. 18/6

Cruise Report LF 2399

Benthic Studies

Personnel:

M Service SIC	DANI
J Peel	DANI
K Leonard	CEFAS
D McMeekan	CEFAS
H Emerson	CEFAS
I McCubbin	CEFAS

Objectives:

Carry out Roxann survey in NW Irish Sea mud patch;
Collect water samples for Technicium 99analysis.

Narrative:

All scientific equipment was loaded on the afternoon of 4th June and CEFAS staff joined the ship at this point. DANI staff joined the ship on the 6th June and the vessel embarked at 22:00h. The ships RoxAnn and flow through salinometer were put into operation as the vessel steamed through Belfast Lough. During the night the vessel steamed an East/West grid down the North Channel prior to moving South to the first sample station.

Monday 7th June:

The vessel was on station at 8:00h and the Rosette sampler deployed. During the day Stations 2,6,8,7,12,11,9 and14 were all sampled. The vessel then began to steam through the remaining stations collecting surface water samples.

Tuesday 8th June:

Overnight the L Foyle moved into the eastern Irish Sea and as the day progressed surface water samples were collected as the vessel moved north along the Cumbrian coast. The vessel then passed through the N Channel performing one further rosette deployment before returning to Belfast. DANI staff disembarked at 22:30.

Wednesday 9th June.

CEFAS equipment and staff were offloaded by 11:00h.

Conclusion:

The cruise passed off uneventfully and all main objectives were achieved. It should be noted however, that the absence of a PC suitable for running the software for the CTD/Rosette initially caused a problem and was only resolved by a member of DANI staff providing a temporary loan of suitable machine. This problem is likely to become even more acute in the near future.

M Service SIC

A Niblock Master