

MINISTRY OF AGRICULTURE, FISHERIES AND FOOD
FISHERIES LABORATORY, LOWESTOFT, SUFFOLK, ENGLAND

1985 RESEARCH VESSEL PROGRAMME

REPORT: RV PRINCE MADOG: CRUISE 36

STAFF:

S Rowlatt (SIC)
D Limpenny
E I S Rees (UCNW)
L Hummerstone (MBA)
G Burt (MBA)
C M G Vivian (LWSFJC)

DURATION:

Left Menai Bridge 1000 h 9 September
Arrived Menai Bridge 1000 h 13 September
(All times are Greenwich Mean Time)

LOCATION:

Liverpool Bay

AIMS:

1. To continue a routine monitoring survey of the Liverpool Bay sewage sludge dumpsite using grabbing and coring.
2. To collect samples of benthos for chemical analysis at MBA.

NARRATIVE:

Prince Madog sailed from Menai Bridge at 1000 h on 9 September and proceeded to the survey area where 15 grab stations were sampled that afternoon and evening. On 10 September the routine monitoring survey of Liverpool Bay sewage sludge dumpsite was complete. In the evening of 10 September and throughout 11 September grab samples were collected from the vicinity of the dredge spoil dumpsite Z thus completing a survey started on Prince Madog cruise 33, but terminated then due to bad weather. On 10 September a dredge spoil plume was tracked using HF sonar and samples taken for chemical analysis. On 12 September a series of 10 core, grab and anchor dredge stations were worked. A waste plume from the M V Kinder dumping vessel was sampled.

RESULTS:

1. All aims were successfully achieved.
2. A grab survey, terminated on an earlier cruise due to bad weather was completed.
3. A dredged spoil plume was tracked using sonar and samples taken for chemical analysis.
4. A waste plume from the M V Kinder (ESL) was sampled.

S Rowlatt

INITIALLED: H W H

DISTRIBUTION:

Basic List +
D Limpenny E I S Rees
L Hummerstone C M G Vivian