

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

1985 RESEARCH VESSEL PROGRAMME

REPORT: RV PRINCE MADOG: CRUISE 33  
(PROVISIONAL: Not to be quoted without prior reference to the author)

#### STAFF

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#### DURATION

Left Port Penrhyn 1200 h 19 August  
Arrived Menai Bridge 0900 h 23 August  
(All times are Greenwich Mean Time)

#### LOCATION

Liverpool Bay

#### AIMS

1. To conduct a sedimentological survey of the two site Z dredged spoil dumpsites using grabbing, coring, and sidescan sonar.
2. To collect samples of benthos from the vicinity of the dumpsites for metals analysis.
3. To collect samples of water from the vicinity of the dumpsites for chemical analysis (in particular mercury determination).

#### NARRATIVE

PRINCE MADOG sailed from Port Penrhyn at 1200 h on 19 August and proceeded to the dredged spoil dumpsite Z where 17 grab stations were worked. Weather conditions worsened and PRINCE MADOG sheltered in Llandudno Bay on the morning of 20 August. With further deterioration in the weather PRINCE MADOG returned to Menai Bridge in the afternoon. On 21 August a water quality anchor station was worked near the dumpsite followed on 22 August by 5 beam trawls and 21 water quality stations in the same area. The weather prevented further work and PRINCE MADOG docked at 0900 h on 23 August.

#### RESULTS

- Aim 1: 17 grab stations were worked. No cores were taken nor sidescan used.
- Aim 2: No benthos samples were collected.
- Aim 3: One 13 h anchor station and 21 water quality stations were worked; this aim was thus successfully achieved.

S Rowlatt  
26 September 1985

INITIALLED: PCW HWH

#### DISTRIBUTION:

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