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

1986 RESEARCH VESSEL PROGRAMME

REPORT: RV CLIONE: CRUISE 12a  
(PROVISIONAL: Not to be quoted without prior reference to the author)

STAFF

S M Rowlatt  
H L Rees  
P Hudson  
D Limpenny  
A Clark  
M Lambert

DURATION

Left Lowestoft 0800 h 14 October  
Arrived Barry 2100 h 19 October

LOCALITY

English and Bristol Channels

AIMS

1. To survey the proposed Hastings Shingle Bank aggregate extraction site using sidescan sonar with grabbing for ground truth, trawling and dredging.
2. To carry out a monitoring survey of the Bristol Channel sewage sludge dumpsites using grabbing, coring and dredging.
3. To survey the Swansea Bay dredged material dumpsite using sidescan sonar, grabbing and beam trawling.

NARRATIVE

CLIONE sailed from Lowestoft on 14 October and proceeded to the Hastings Shingle Bank. On 15/16 October the area was surveyed using sidescan sonar, scallop and anchor dredging (aim 1). On completion of this work CLIONE sailed to the Plymouth sewage sludge dumpsite where 27 grabs were taken on 17 October as a reconnaissance survey to assess the variability of the sediments. This was an additional aim and will allow the definition of a FEPA II temporal monitoring site. CLIONE proceeded to Swansea Bay where sidescan, grab and beam trawl surveys were carried out (aim 3) on 18/19 October in deteriorating weather conditions. Further work had to be abandoned and CLIONE docked in Barry at 2100 h on 19 October.

RESULTS

Aims 1 and 3 were successfully completed. In addition a reconnaissance survey of sediment quality was completed at the Plymouth sewage dumpsite.

Aim 2 had to be abandoned due to the onset of storm conditions.

Results of the surveys will not be available until the data are processed.

S M Rowlatt  
Scientist-in-Charge  
27 October 1986

SEEN IN DRAFT: J R French, Master  
P McKay, Fishing Skipper

INITIALLED: PCW, HWH

DISTRIBUTION

Basic List +  
H L Rees  
P Hudson  
D Limpenny  
A Clark  
M Lambert  
S M Rowlatt