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

1988 RESEARCH VESSEL PROGRAMME

REPORT: RV PRINCE MADOG 38/88

(PROVISIONAL: Not to be quoted without prior reference to the author)

STAFF:

A Franklin (SIC)
C R Allchin
S W Feist

DURATION:

Left Menai Bridge 0930 h 5 September 1988
Arrived Menai Bridge 1500 h 8 September 1988
All times are Greenwich Mean Time

LOCATION:

North-eastern Irish Sea

AIMS:

1. To collect fish samples from Liverpool and Morecambe Bays, for EQS submissions to EC and Oslo/Paris Commissions.
2. To undertake fish disease studies at selected sites in these areas.
3. To collect samples of fish at sites south and east of the Isle of Man, as a continuation of the study on spatial variation in contaminant concentrations.

NARRATIVE:

Prince Madog sailed from Menai Bridge in the morning of 5 September out into Liverpool Bay, where trawling commenced in the Dumping Ground area. Fishing continued into the evening when the ship returned inshore to anchor for the night. Trawling recommenced in the morning of 6 September to the southwest of the Dump Ground. Areas to the south of the Dump Site and in Burbo Bight were also worked during the day, before the vessel steamed north, during the evening, to Morecambe Bay. The required samples of fish were obtained from Morecambe Bay during the morning of 7 September and Prince Madog then returned to the Dumping Ground area to complete the sampling programme for Liverpool Bay. The vessel then steamed west to south-east of the Isle of Man, where rod and line fishing was undertaken until the late evening. Rod and line fishing continued in the area during the morning of 8 September and Prince Madog then returned to Menai Bridge, docking at 1500 hrs.

RESULTS:

- Aim 1: The required samples of fish for EQS purposes were obtained from Liverpool and Morecambe Bays.

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- Aim 2: Just over 1000 dab were examined for the incidence of disease during the cruise. Overall, 7.2% were found to have ulcers, lymphocystis or epidermal hyperplasia.
- Aim 3: Samples of whiting, mackerel and pouting were obtained using rod and line in the area to the south-east of the Isle of Man.

A Franklin
22 Septemebr 1988

SEEN IN DART: I LL Hugh (Master)

INITIALLED: JAC, JEP, RJP

DISTRIBUTION:

Basic List +
A Franklin
C R Allchin
S W Feist
E I S Rees (UCNW, Menai Bridge)
K W Wilson (North West Water)

ja

DATA ARCHIVE REPORT

Ship: PRINCE MADOG SIC: A Franklin

Cruise: 38/88 Section: AEP2/FSMI

Dates: 5.9.88.-8.9.88.

Working area (by name and latitude/longitude limits)
(together with a track chart)

NORTH EAST IRISH SEA

53°25'N-54°00N

3°10'W- 4°20'W

Data collected (describe in general terms with numbers of stations involved
in each case, eg

Bottom temperatures - 10 stations

Groundfish survey - 50 stations)

(continue on second A4 sheet if needed)

COLLECTION OF FISH SPECIES FOR CHEMICAL ANALYSIS - 18 STATIONS

EXAMINATION OF DAB FOR THE INCIDENCE OF DISEASE - 12 STATIONS

CRUISE TRACK - PRINCE MADOG 38/88.

