

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

1989 RESEARCH VESSEL PROGRAMME

REPORT: RV PRINCE MADOG 33/89  
(PROVISIONAL: Not to be quoted without prior reference to the author)

STAFF: A Franklin (SIC)  
C R Allchin -  
Ms S J Swaine

DURATION:

Left Menai Bridge 0930h 11 September 1989  
Arrived Menai Bridge 0730h 14 September 1989  
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 to the southeast of the Isle of Man, as a continuation of the study on spatial variation in contaminant concentrations.

NARRATIVE:

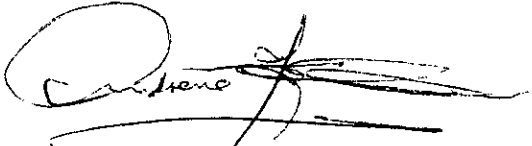
Prince Madog sailed from Menai Bridge on the morning of 11 September out to the Morecambe Bay area where trawling commenced to the west of Lune Deeps. Sampling was completed in the late evening and the ship anchored in the area overnight. Prince Madog then steamed south to commence trawling at the Liverpool Bay Disposal Ground during the morning of 12 September. Areas to the south and south-west of the Disposal Ground were also worked before the ship anchored for the night off Rhyl. Prince Madog steamed offshore in the early morning of 13 September to commence trawling in the area between Anglesey and the Isle of Man. Following damage to the net during the second haul, sampling continued using rod and line until the early evening when the ship took shelter for the night in the Menai Straits. Prince Madog returned to Menai Bridge on the morning of 14 September, docking at 07.30 hrs.

RESULTS:

Aim 1. Samples of fish, required for EQS purposes, were obtained from Liverpool and Morecambe Bays.

Aim 2: Just over 750 dab were examined for the incidence of disease during the cruise. Approximately 7.5% were found to have ulcers, lymphocystis or epidermal hyperplasia, essentially the same figure as in 1988.

Aim 3: Samples of mackerel, ray, dogfish and whiting were obtained from the area to the south-east of the Isle of Man.



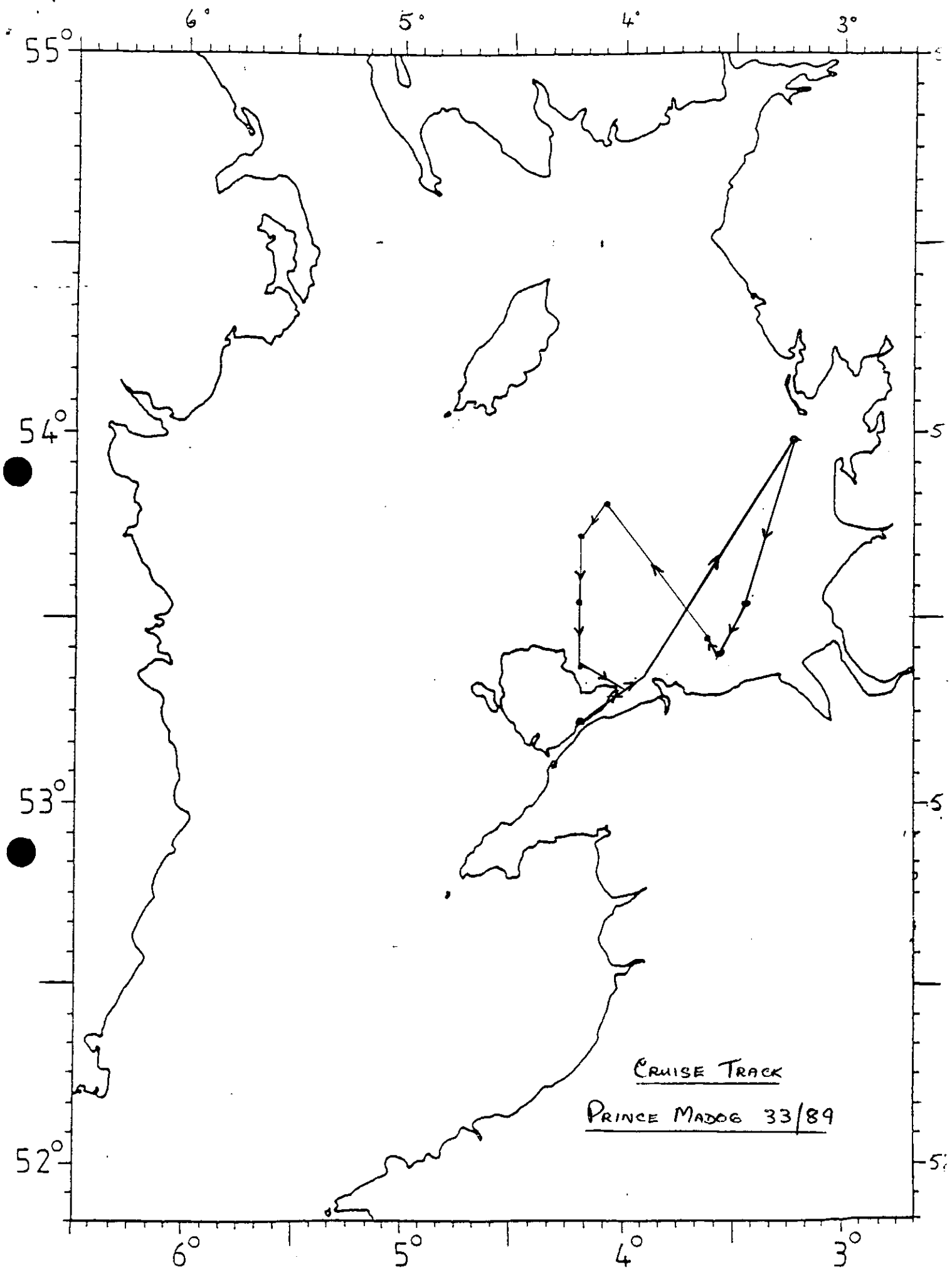
Andrew Franklin  
19 September 1989

SEEN IN DRAFT: I. LL. HUGHES (Master)

INITIALLED: *SP*

DISTRIBUTION:

Basic List +  
A Franklin  
C R Allchin  
S J Swaine  
E I S Rees (UCNW, Menai Bridge)



CRUISE TRACK

PRINCE MADOG 33/89

DATA RECEIVED REPORT

Ship PRINCE MADOG SIC A. FRANKLIN

Cruise 33/89 Section AEP2

Dates 11/9/89 - 14/9/89

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

NORTH-EAST IRISH SEA.

53°25'N - 54°N

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 - 16 STATIONS

EXAMINATION OF DAB FOR THE INCIDENCE OF DISEASE - 12 STATIONS