

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

1989 RESEARCH VESSEL PROGRAMME

PROGRAMME: RV CORYSTES: CRUISE 6

STAFF:

- M G Pawson
- G D Pickett
- D R Eaton
- P M Hudson
- Ms R T Harrop
- S Jennings (Univ. Coll. Wales, Swansea).

DURATION: 18-31 May

LOCALITY: Bristol Channel

AIMS:

1. To carry out plankton surveys using the 73cm High Speed Towner to determine the extent and timing of sole spawning off Trevoise Head and of bass spawning in the Bristol Channel.
2. To sample bass eggs and larvae and adults to investigate spawning behaviour.
3. To deploy an ARGOS drifting buoy and sea surface drifters in a bass spawning focus to follow the dispersal of spawning products.
4. To obtain surface water samples for Tritium and salinity analysis between Hinkley Point and Cardiff.
5. To incubate bass eggs at a range of temperatures for development studies.

PLAN:

CORYSTES will sail on the morning tide of 18 May and proceed to the Bristol Channel. The plankton grid will be completed and the ARGOS buoy and drifters released according to the results of bass egg counts. Studies on spawning behaviour, egg and larval development and dispersal will be undertaken before the ARGOS buoy is retrieved.

M G Pawson
25 April 1989

INITIALLED: DJG

DISTRIBUTION:

Basic List +

- | | | | |
|-----------|----------|------------|---|
| M Pawson | D Eaton | R Harrop | D Symonds |
| G Pickett | P Hudson | S Jennings | K Steele |
| | | | Devon, Cornwall and South Wales
Sea Fisheries Committees |