

Mr. Ballis.

MINISTRY OF AGRICULTURE FISHERIES AND FOOD
FISHERIES LABORATORY LOWESTOFT SUFFOLK ENGLAND

1974 RESEARCH VESSEL PROGRAMME

REPORT: R V CORELLA: 1a

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

STAFF

- K W Wilson (NIC)
- R A A Blackman
- D Kirkwood
- P Hardiman
- S Lovewell

DURATION

Left Lowestoft 15.30 h 3 January
 Arrived Lowestoft 08.50 h 8 January
 All times are Greenwich Mean Time

LOCALITY

North Sea

AIMS

1. To collect samples of fish, benthos and sediments from areas of actual or impending oil production, and from control areas, for hydrocarbon analysis (9.3.4.)
2. To collect additional sediment and water samples from the Ekofisk field for intercalibration with the Norwegians, Torry Research Station and Orierton Oil Pollution Research Unit (9.3.4.).

NARRATIVE:

CORELLA sailed for the "Dan" oil field sampling a control site en route. Sampling at the "Dan" site was completed at 03.00 h 5 Jan. Then CORELLA steamed to the vicinity of the "Eldfisk" and "Ekofisk" fields. Poor weather conditions prevented any further work until 0700 h 6 Jan when samples were taken at the "Eldfisk" oil field. Aim 2 was completed with water and sediment samples taken close to the oil storage reservoir at "Ekofisk". Samples taken at "Auk" oil field completed Aim 1 and CORELLA sailed for Lowestoft.

RESULTS

1. Despite poor weather conditions satisfactory samples of fish, benthos and sediment were taken at the following stations. Fish and benthos were taken in a Granton trawl; sediment in a Shipek grab.

SITE	POSITION:
Control	54° 15.0'N 03.45 E
'Dan'	55° 27.0 05 08
'Eldfisk'	56 20.5 03 16
'Ekofisk'	56 31.5 03 14
'Auk'	56 25.5N 02 02

2. Surface and bottom water samples were taken in lined and unlined NIO bottles and treated as requested for the intercalibration exercise.

K W Wilson
(Naturalist in Charge)
21.1.1974

SEEN IN DRAFT J E W Ralfour (Master)
E T Bridge (Fishing Skipper)

INITALLED A J L

DISTRIBUTION
Basic List

Mr Wilson
Dr Blackman
Mr Kirkwood
Mr Hardiman
Mr Lovewell
Dr White
Dr R Hardy } TRS
Dr K Whittle }
Mr B Dicks Orierton
Mr A McIntyre DAFS