MINISTRY OF AGRICULTURE FISHERIES AND FOOD of or Electronic of the state of the sta FISHERIES LABORATORY, LOWESTOFT, SUFFOLK, ENGLAND

1981 RESEARCH VESSEL PROGRAMME

REPORT: FV SILVER STAR: CRUISE 1 rear Loos ...

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

STAFF:

L Woolner

OUT THE PROPERTY OF

P Davidson

DURATION:

DISTRIBUTED

14 March-3 April

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LOCATION:

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AIMS:

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1. To survey between the Cumbria coast and the Isle of Man and along the North Wales coast to determine the distribution of fish in relation to Company of the Society of the Societ depth and distance from the coast.

2. To collect stratified ctolith samples from all commercial species.

NARRATIVE:

Staff travelled to Conwy on 13 March and work commenced at 0500 h 14 March on the groundfish survey off the Welsh coast and continued the following day. Strong southerly winds prevented any work on 15 March but a further day's work was completed the following day before the southerly gales set in again. The Conwy sector was completed on 20 March but the gales reappeared and persisted over the next eight days, preventing any further work. On 29 March the standard trawling stations in Liverpool Bay were completed and the following day SILVER STAR sailed to Douglas (I.O.M.), carrying out two trawls en route. The weather improved dramatically and the remaining 12 stations were completed over the period 31 March to 2 April, enabling the SILVER STAR to return to Conwy at 0900 h 3 April. Staff returned to Lowestoft and Burnham on 4 April.

I would like to thank the skipper and crew of SILVER STAR for their valuable help and active co-operation, which was greatly appreciated.

RESULTS:

- 34 one hour trawl hauls were carried out covering the depth/belt strata between 3030'W and 40W off the N. Wales coast, in Liverpool Bay and those between the Manx 6 mile limit and the Cumbria 12 mile limit.
- 2. All commercial species were measured and otoliths taken from:

364 plaice

18 sole

194 whiting

8 lemon sole

179 cod

9 brill

The stomach contents of all otolithed fish were examined. Total with the manufacture of the stomach contents of all otolithed fish were examined. The system of the species of the transfer of the SATURE OF A SECTION OF THE SECTION O L Woolner (and in oit in second or alway in the second of the second :175-72 INITIALLED: DJG the allow it 9951596 5 DISTRIBUTION: CONTRACTO Basic List + firm adores in L Woolner LOUATION P Davidson Lancs and Western Sea Fisheries Committee Cumbrian Sea Fisheries Committee Mr J Corlett (I.O.M.) • Dr D Groves (Menai Bridge) Mr. Reskins: () Conwy Port Office Similar of a Section of the Mr. A M Barr, Conwy Skipper G Craven undiness follow were list and ordered in its list in the order of the all 1