

R1/3

Not to be cited without prior reference to the Marine Laboratory, Aberdeen

*MV Argo*

Cruise 0395H

## REPORT

7 August - 1 September 1995

### Personnel

T Howell	HSO (in charge)
J Donald	ASO

### Objectives

1. To carry out a survey of scallop stocks in the North Sea.
2. To collect information on by-catches of other commercial fish and shellfish species.

**Out-turn days per project:** 20 days FBA1

### Narrative

The scientific staff joined *MV Argo* at Aberdeen at 0855 hours on 7 August. After loading *Argo* made for grounds to the south of Aberdeen and began sampling. Sampling continued on all the major East Coast Grounds following the pattern shown in Figure 1.

### Results

During the trip, 122 scallop dredge hauls were made and a total of 16,555 scallops were caught. The position of each haul is shown on the map in Figure 1. Catch rates varied considerably from a minimum of 0/hr to a maximum of 1,152/hr. The age and length frequencies for each statistical rectangle are shown in Figures 2 and 3 respectively. The number and length distributions of by-catch commercial fish and shellfish species were recorded. The total numbers of each species caught are given in Table 1.

T Howell  
16 July 1996

Table 1

Species	Numbers
<i>Buccinum undatum</i>	281
<i>Cancer paguras</i> F	70
<i>Cancer paguras</i> M	32
<i>Chlamys opercularis</i>	185
<i>Gadus morhua</i>	1
<i>Hippoglossoides platessoides</i>	11
<i>Homarus gamarus</i> M	1
<i>Limanda limanda</i>	5
<i>Lophius piscatorius</i>	190
<i>Microstomus kitt</i>	71
<i>Necora puber</i> F	1
<i>Necora puber</i> M	1
<i>Neptunea antiqua</i>	494
<i>Pleuronectes platessa</i>	96
<i>Raja naevis</i>	84
<i>Scyliorhinus canicula</i>	2

# EAST COAST SCALLOP SURVEY 1995

FIGURE 1

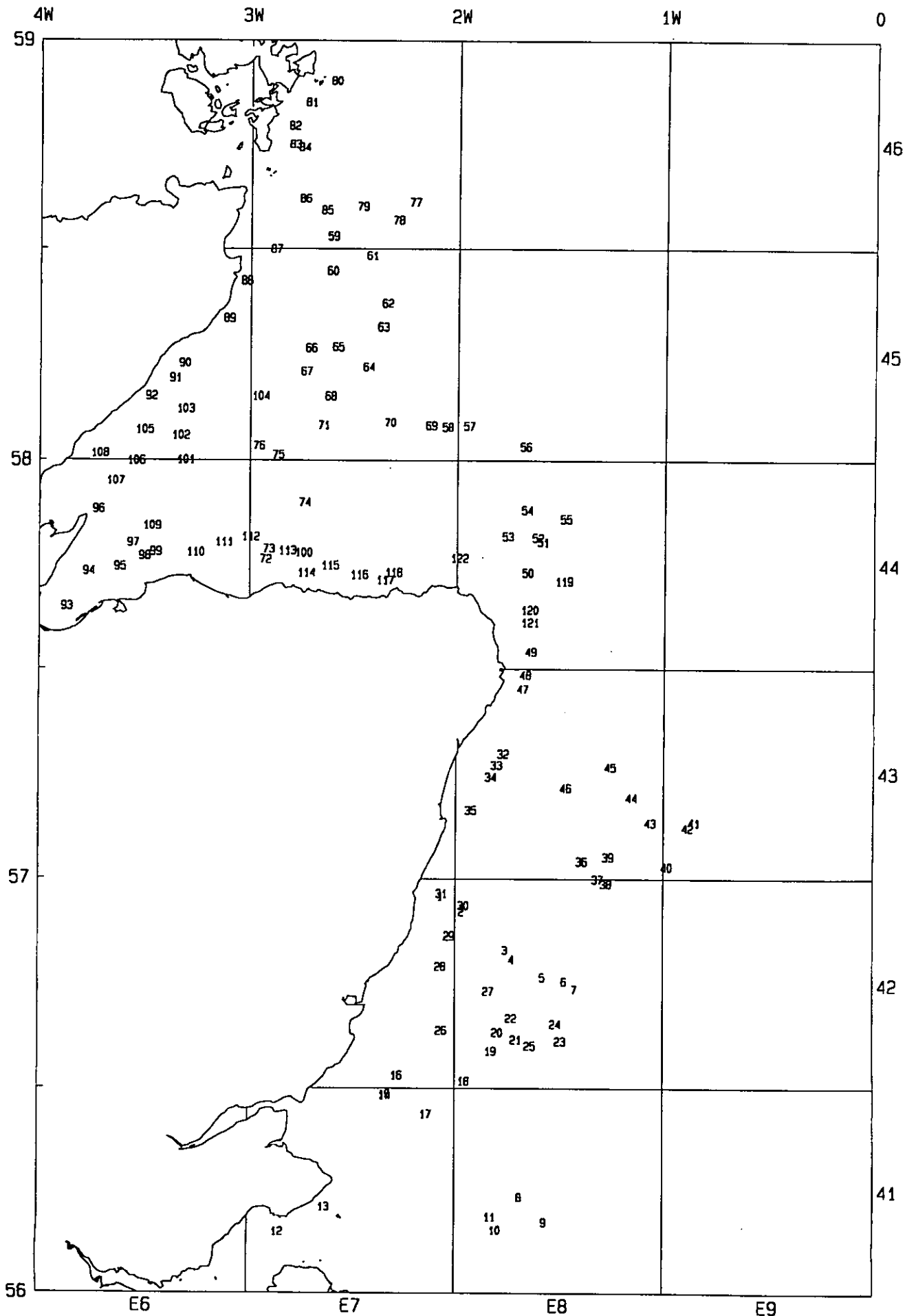


FIGURE 2

### East Coast Scallop Survey 1995 Catch rate by age in stat squares

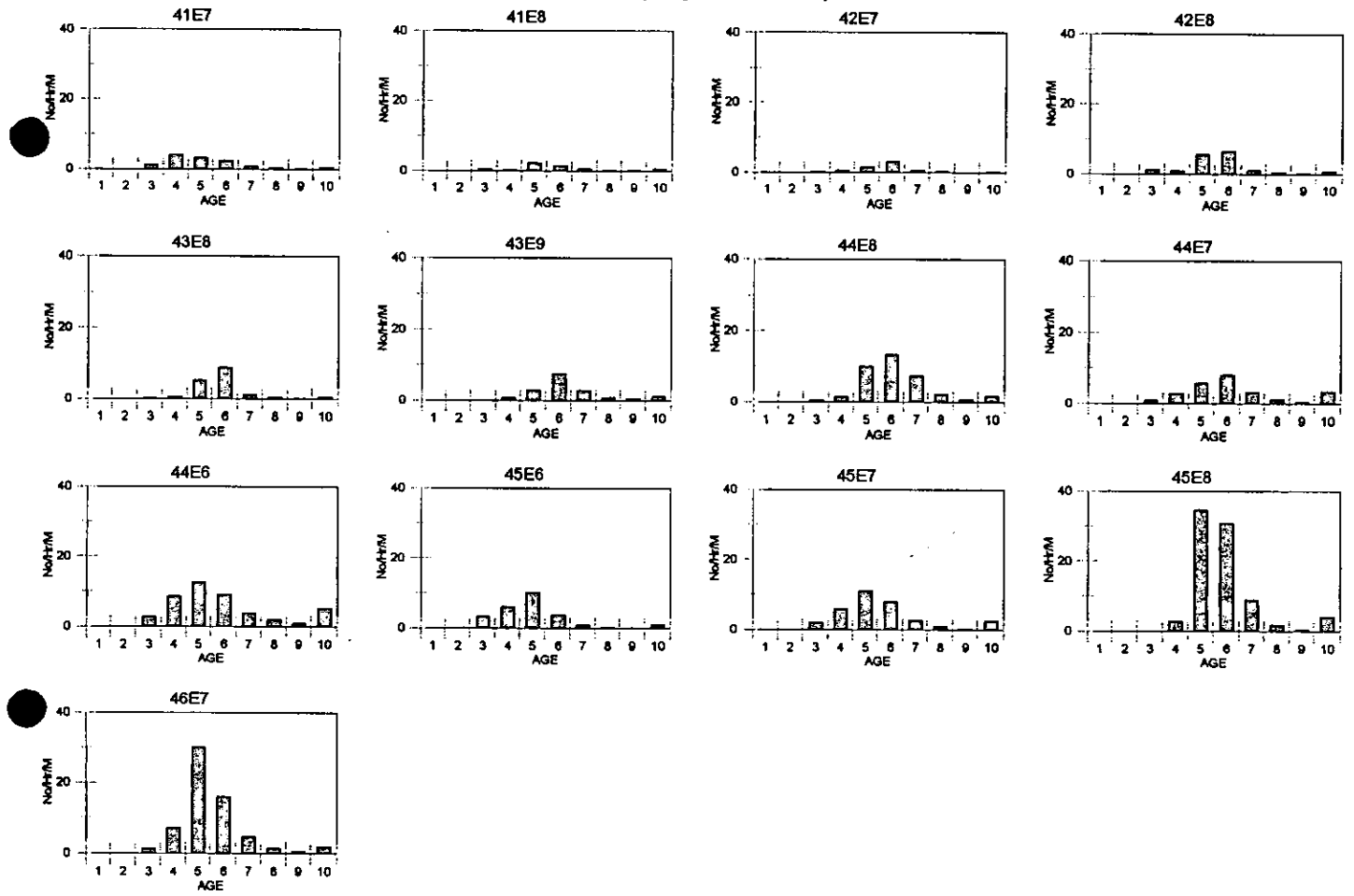


FIGURE 3

### East Coast Scallop Survey 1995 Numbers at size in stat squares

