



Serial No. N2347

NAFO SCR Doc. 93/135

SCIENTIFIC COUNCIL MEETING - NOVEMBER 1993

The Icelandic Shrimp Fishery (*Pandalus borealis*)  
in the Denmark Strait in 1992 and 1993

by

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Catch and effort data

In 1992 the fishery was carried out in the period March through June. But most of the catch was taken in April and May. The total catch in the year was 2586 tonnes in 1993 (table 1) as compared to 1432 tonnes in 1992. This is by far the highest catch that Iceland has caught. The mean CPUE for the year 1993 was lower than in 1992 or 190 kg per trawling hour as compared to 209 kg in 1992. As in 1992 (table 2) the fishery was mainly taking place in strata 676 and 677 (fig 1.) (Skúladóttir 1993). The first time any catch in stratum 676 has been reported was in 1991 when 3 tons were caught there (Skúladóttir 1992). The proportion of catch by stratum in 1992 has been revised here as there were some errors in the data in 1992 (Skúladóttir 1993).

The average size of gear was about 2700 meshes circumference in 1993 as compared to the mean size of 2400 meshes of most previous years. The number of boats was about 25.

References

Skúladóttir, U. 1992. The Icelandic Shrimp fishery (*Pandalus borealis*) in the Denmark Strait in 1991 and early 1992. NAFO SCR Doc. No. 62. Serial No. N2116, 7 p.

1993. The Icelandic Shrimp fishery (*Pandalus borealis*) in the Denmark Strait in 1992 and early 1993. NAFO SCR Doc. No. 51. Serial No. N2232, 7 p.

Table 1. The catch, effort and CPUE as reported by Icelandic logbooks. In the Denmark Strait in 1992 and 1993. It is considered that the catch was reported 100 %.

YEAR	FROM LOGBOOKS			
	MONTH	CPUE kg/hr	EFFORT Tr. hours	CATCH Tonnes
1992	April	326	2839	926.0
	May	127	3908	494.7
Σ April-May		211	6747	1421
	July	110	90	9.9
	September	17	6	0.1
	October	77	13	1.0
Σ Jul-Oct	Total	101	109	11
Total 1992		209	6856	1432
1993*	Mar	335	759	254.6
	Apr	198	8034	1592.5
	May	153	4812	738.1
	Jun	71	15	1.1
Σ Mar-Jun	Total	190	13620	2586.3

\* Provisional

Table 2. Catch (tonnes) per stratum and month in 1992.

	Stratum number						
Month	626	627	628	676	677	678	727
April	48.17	34.93	0.04	559.80	283.07	0.02	
May	7.60	240.92	0.11	48.14	197.89		
July					9.42	0.46	
September		0.02	0.08				
October		0.15	0.30			0.03	0.56
<b>Total</b>	<b>55.77</b>	<b>276.02</b>	<b>0.53</b>	<b>607.94</b>	<b>480.38</b>	<b>0.51</b>	<b>0.56</b>

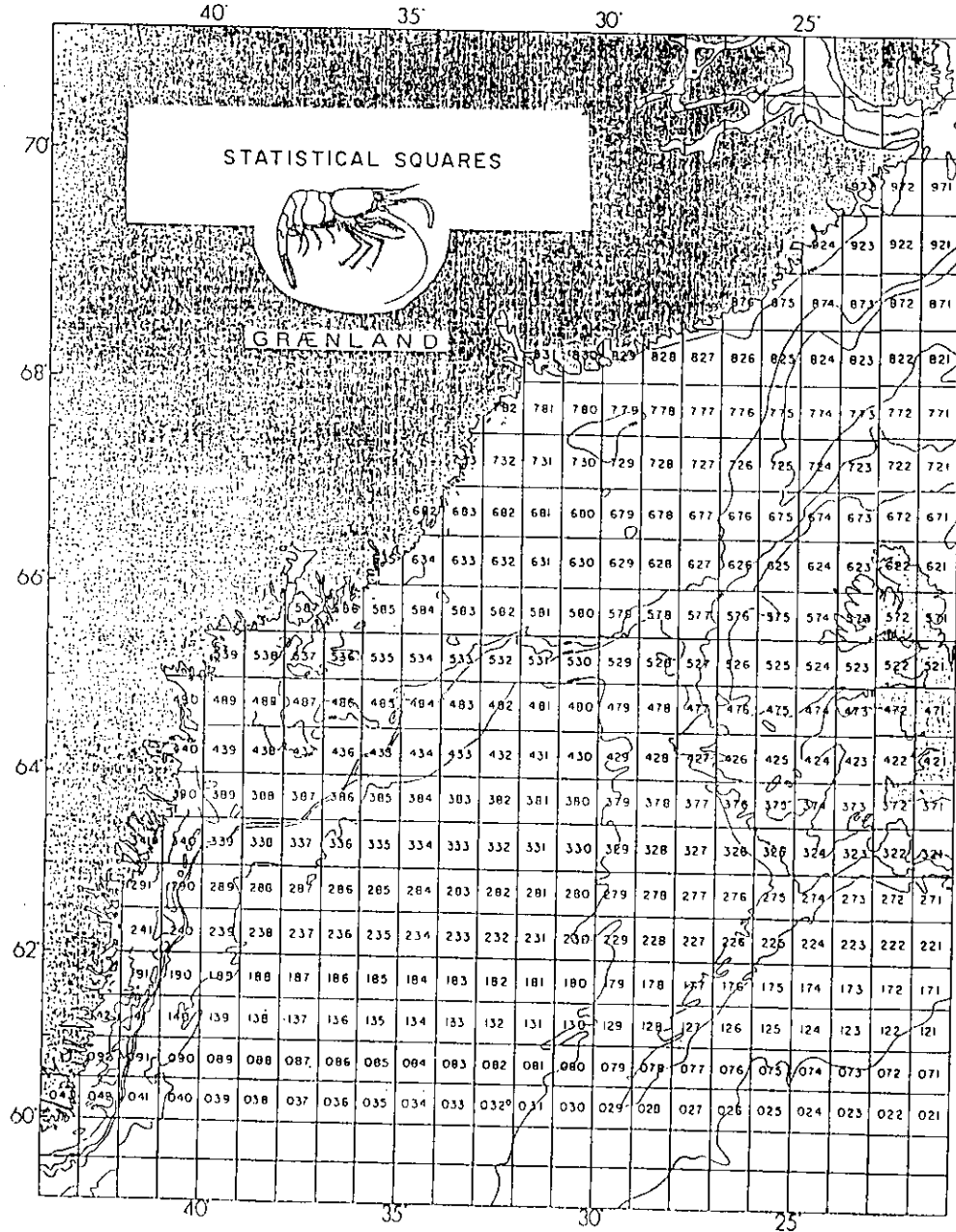


Fig. 1. The strata numbers in the Denmark strait.