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Data on French Shrimp Fishery off West Greenland in 1985

by

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The French fishery for shrimp (*Pandalus borealis*) off West Greenland was conducted in 1985 by two stern-trawlers (OTB 2 - class 6). The total landings (416 tons of shrimp) were fished from mid July to the end of September.

The fishing logbook of Finlande III was provided by the Captain to the Saint-Pierre et Miquelon laboratory. This paper presents informations on the distribution of the French fishery effort and c.p.u.e.

Location of the fishery

Finlande III fished off West Greenland from August 9th to September 29th and caught 212 metric tons of shrimp.

The fishing grounds were located on the northern part of the Store Hellefiske Bank, from 67°08 N to 68°00 N. The depth of trawling ranged from 180 m to 385 m with most of the tows made between 225 and 300 m.

In August (fig. 1 a), most of effort was made in the southern part of the fishing area : units KM3, KL4 and 5, KN3. In September (fig. 2 a), most of tows were located in the same units and in the north of the fishing area : units KR2 and 3.

Catch and CPUE

The monthly distributions of the c.p.u.e (kg/hour) are reported in figures 1 b and 2 b. The catch and c.p.u.e per month are presented in the table 1. The c.p.u.e obtained by the Finlande III in August 1980, 1981 and 1982 were respectively : 243 kg/h (DERIBLE et al., 1980), 330 kg/h (DUPOUY et al., 1981) and 324 kg/h (DUPOUY et al., 1983).

References

- DERIBLE (P.), DUPOUY (H.) and MINET (J.P.), 1980.- Catch, Effort and Biological characteristics of shrimp (Pandalus borealis) in the French fishery off West Greenland, 1980.- NAFO SCR Doc. 80/XI/159, 18 p.
- DUPOUY (H.), MINET (J.P.) and DERIBLE (P.), 1981 a - Catch, Effort and Biological characteristics of shrimp (Pandalus borealis) in the French fishery off West Greenland in 1981.- NAFO SCR Doc 81/XI/147, 13 p.
- DUPOUY (H.) and FONTAINE (B.), 1983.- Catch, Effort and Biological characteristics of shrimp (Pandalus borealis) in the French fishery off West Greenland, 1982.- NAFO SCR Doc 83/I/3, 19 p.

Table 1 - Catches of shrimp, effort and average catch per unit of effort obtained by the Finlande III (OT 2 - class 6) in NAFO Divisions 1 B and 1 C from August to September 1985.

Month	Catch (kg)	Fishing effort (hours)	CPUE (kg/hour)
August	87876	264	333
September	124129	358	347
TOTAL	212005	622	341

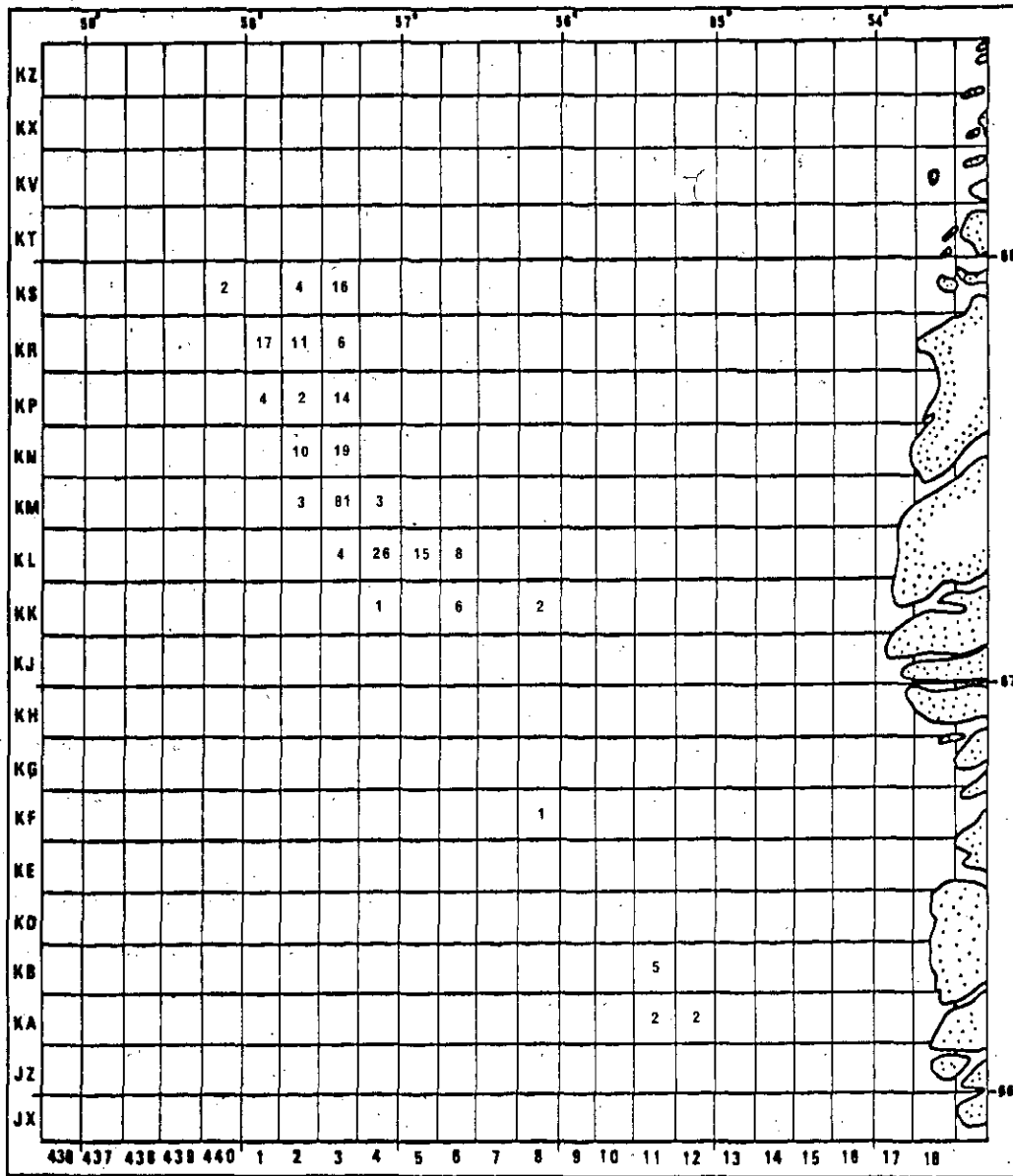


Fig. 1 a - Distribution of the fishing effort (hours) of Finlands III at West Greenland (NAFO Div. I B and I C) in August 1985.

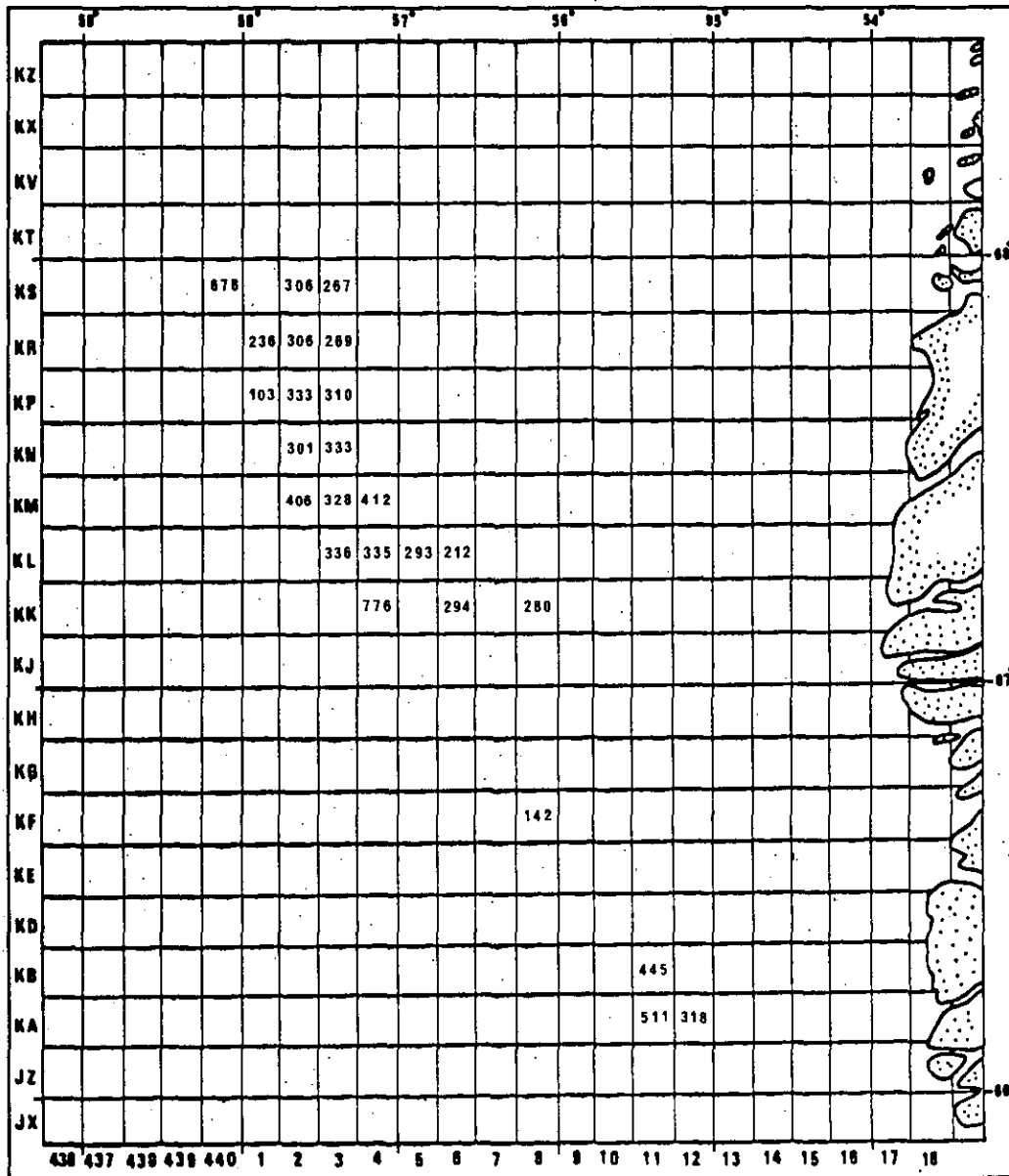


Fig. 1 b - Distribution of the CPUE (kg/hour) of Finlande III at West Greenland (NAFO Div. 1 B and 1. C) in August 1985.

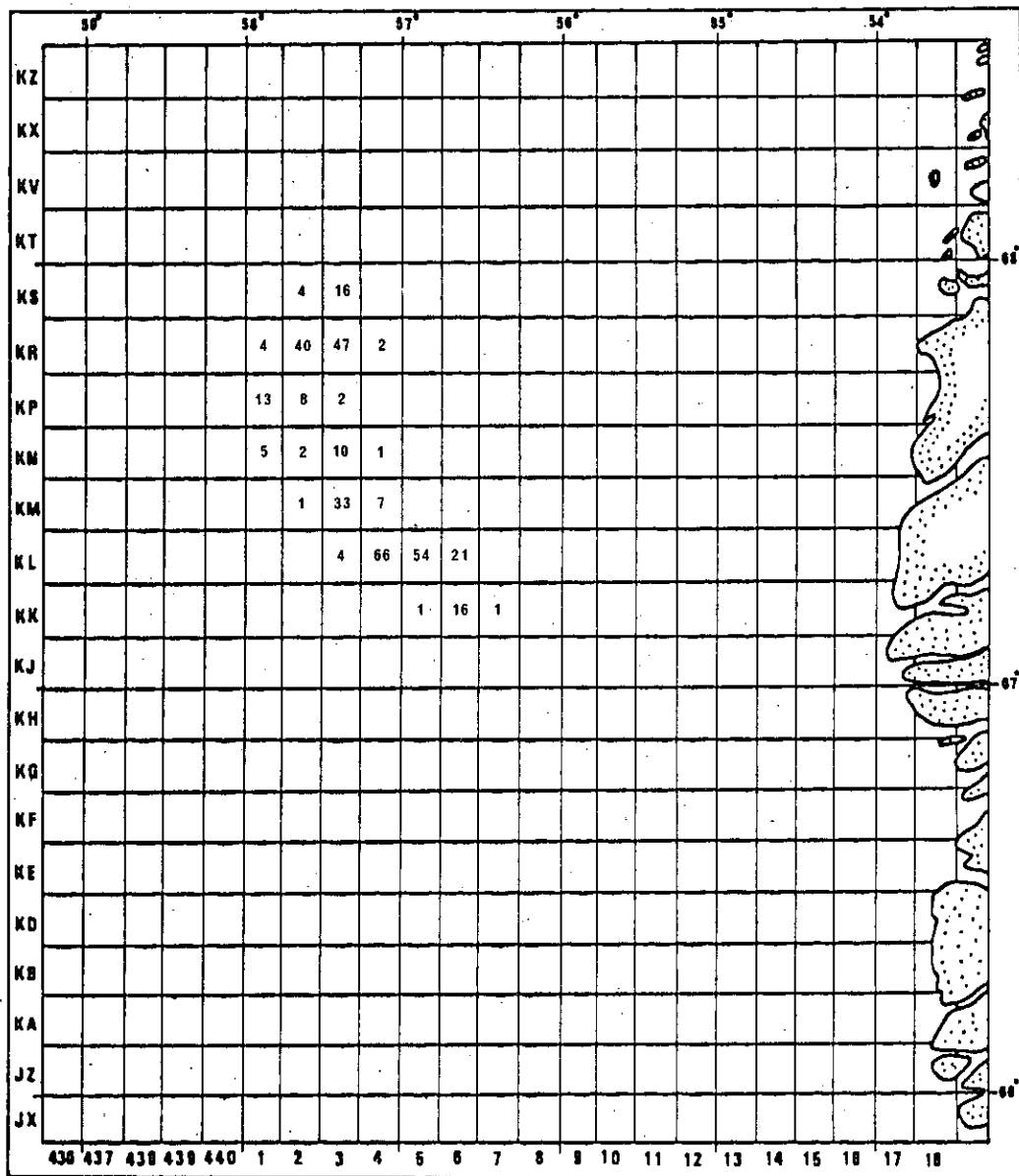


Fig. 2 a - Distribution of the fishing effort (hours) of Finlande III at West Greenland (NAFO Div. 1 B) in September 1985.

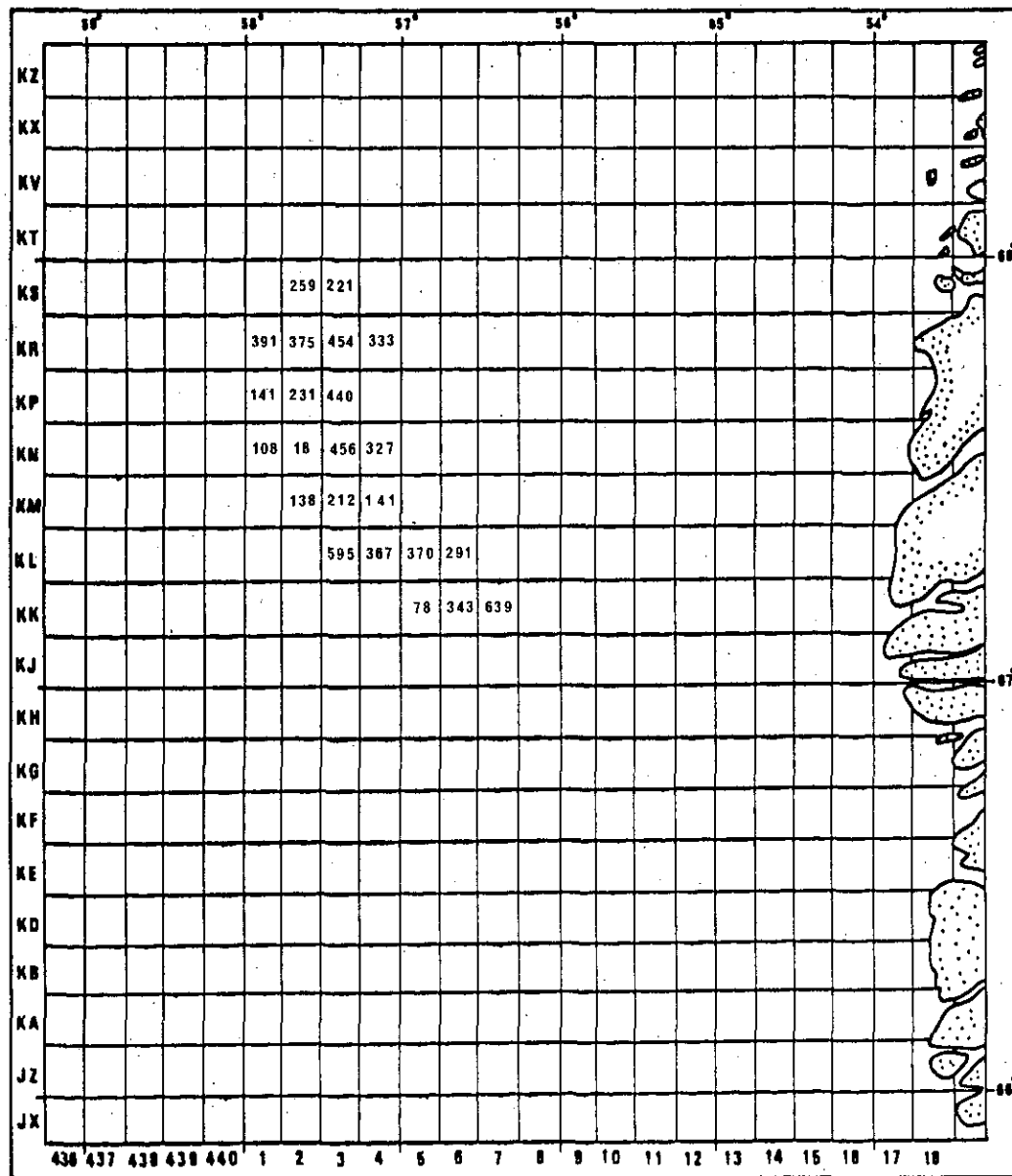


Fig. 2 b - Distribution of the CPUE (kg/hour) of Finlande III at West Greenland (NAFO Div. 1 B) in September 1985.