



Serial No. 3578  
(D.c.8)

ICNAF Summ. Doc. 75/23

ANNUAL MEETING - JUNE 1975

Summary of Trawl Material and Mesh Size Sampling, 1974

by

Assistant Executive Secretary

1. In accordance with recommendations of STACRES, member countries are requested to report annually on trawl materials and mesh sizes in use, including information on the use of topside chafers. Forms entitled "Summary of Trawl Materials and Mesh Size Sampling" (See Appendix) are circulated early in each year with the request that they be completed and returned to the Secretariat by 31 March, so that the data may be collated and documented for the Annual Meeting.
2. As on 2 June 1975 reports have been received from 11 member countries, whose 1974 data are summarized in Table 1. No responses were received from Bulgaria, France, Iceland, Norway, Poland, Romania.
3. Trawl materials and mesh size sampling data for the years 1969-71 are given in Redbook 1972, Part III, pages 87-96. Data for 1972 and 1973 are given in Summary Documents 73/25 and 74/18 respectively.

Abbreviations Used

<u>Species</u>		<u>Gear</u>	
Cod	- Cod	OT	- otter trawl
Had	- Haddock	OTSI	- otter trawl side
Red	- Redfish	OTSN	- otter trawl stern
Pol	- Pollock	MTSN	- Midwater trawl stern
WH	- White hake	PT	- Pair trawl
Flo	- Flounders	DS	- Danish seine
Arg	- Argentine	SS	- Scottish seine
Her	- Herring		
Mac	- Mackerel		
SH	- Silver hake		
Squ	- Squids		
Mix	- Mixed species		
		<u>Material</u>	
		PA	- Polyamides and Polyesters
		PE	- Polyethylene
		PP	- Polypropylene





Country	Sub-area	Vessel & Gear Type	Main Spec.	Net Material	Mesh Gauge Type	Number of codends measured by size group (mm)													Chaffer				
						<80	80-84	85-89	90-94	95-99	100-104	105-109	110-114	115-119	120-124	125-129	130-134	135-139		140-up			
USA (Cont'd)	4 (Cont'd)	OTSN	Cod Had	PA	ICNAF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ICNAF	5		
				PE	ICNAF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ICNAF	20	
	5	OTSI	Cod Had	PA	ICNAF	-	-	-	-	-	6	37	48	25	-	-	-	-	-	-	ICNAF	26	
				Flo	ICNAF	-	-	-	-	-	-	-	-	69	45	-	-	-	-	-	-	ICNAF	8
			S H	PA	ICNAF	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ICNAF	6
				PP	ICNAF	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Other <sup>5</sup>	21
			Red	PA	ICES	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Other <sup>5</sup>	15
				PP	ICES	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ICNAF	3
			Mix <sup>6</sup>	PA	ICES	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ICNAF	8
				PP	ICES	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ICNAF	3
Den (G)	1	OTST	Cod	PA	Rule	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ICNAF	8		
				Squ	ICNAF	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ICNAF	8

- 1 70-79 mm.
- 2 Not specified.
- 3 <50 mm.
- 4 Nets measured wet after use.
- 5 Top-side netting.
- 6 Mixed fishery by day vessels.
- 7 Cod, haddock and flounders.
- 8 Unused nets.

INTERNATIONAL COMMISSION FOR THE NORTHWEST ATLANTIC FISHERIES

SUMMARY OF TRAWL MATERIAL AND MESH SIZE SAMPLING

(for all trawl fisheries in the Convention Area, including that for non-regulated species)

COUNTRY	SUB-AREA	YEAR	MAIN SPECIES FISHED (list one or more species)	TRAWLER TYPE (check ✓)	TRAWL TYPE (check ✓)
				Side <input type="checkbox"/> Stern <input type="checkbox"/>	Bottom <input type="checkbox"/> Pelagic <input type="checkbox"/> Danish <input type="checkbox"/> Seine <input type="checkbox"/>

MESH SIZE GROUPS (mm)	NUMBER OF CODENDS MEASURED				
	Polyamides Polyesters	Polyethylenes	Polypropylenes	Manila/Sisal	Other (specify)
<50					
50-54					
55-59					
60-64					
65-69					
70-74					
75-79					
80-84					
85-89					
90-94					
95-99					
100-104					
105-109					
110-114					
115-119					
120-124					
125-129					
130-134					
135-139					
140-144					
145-149					
150-155					

MESH GAUGE USED (check ✓)	ICNAF <input type="checkbox"/>	ICES <input type="checkbox"/>	NEAFC (simple flat) <input type="checkbox"/>
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TOPSIDE CHAFER TYPE (insert number inspected)	ICNAF	POLISH	MULTIPLE FLAP
	OTHER (specify)		

DATE:

REPORTED BY:

ADDRESS:

Instructions for Completion of ICNAF Form  
"Summary of Trawl Material and Mesh Size Sampling"

1. This form (G&S/5C/1/72) succeeds ICNAF/GEAR AND SELECTIVITY 23 11 65 and includes changes recommended at the 1966 Annual Meeting for the annual collection of comprehensive information on the significant changes in gears, especially in the materials and mesh sizes used in the ICNAF trawl fisheries for both regulated and non-regulated species (Redbook 1966, Part I, p. 64-65).
2. To complete the form
  - (a) Use a separate form in reporting for each subarea, each main species fished, each trawler type and each trawl type;
  - (b) When limited knowledge makes it necessary to present information for trawls fished in various subareas and for more than one species on one copy of the form, countries should state specifically that the trawl materials and mesh sizes reported are the same for those subareas and species;
  - (c) Data on used codends is of greater use to the Commission. Where information on used codends is not available, countries should submit data on new codends and state on the form that the codends are new;
  - (d) Mesh size groups represent the number of codends with average mesh sizes of codends in each mesh size group;
  - (e) Opposite "Topside Chafer Type" record in the rectangle opposite the appropriate chafer type the number of codends measured which were using chafers. If the chafer is other than the types shown, please describe briefly;
  - (f) To identify the chemical category of the various trade-named twines used in the manufacture of the codend, use the following list extracted from a paper "Synthetic net materials and their trade names" prepared by Dr G. Klust with Mr P.J.G. Carrothers (Redbook 1966, Part III, p. 201-207):

<u>POLYAMIDE 66</u>	<u>POLYESTER</u>	<u>POLYETHYLENE</u>	<u>POLYPROPYLENE</u>
Anid	Dacron	Akvaflex	Akvaflex PP
<u>Enkalon</u>	<u>Diolen</u>	<u>Argon</u>	<u>Courlene PY</u>
Kenlon	Enkalene	Bellef	Danaflex
Knoxlock	Grisuten	<u>Corliplaste</u>	<u>Drumfil</u>
Lamonyl	Terital	<u>Courlene</u>	<u>Drylene 6</u>
Nailon	Terlenka	<u>Drumlene</u>	Herculon
Nylex	<u>Terylene</u>	<u>Drylene 3</u>	<u>Meraklon</u>
Nylon	<u>Tetoron</u>	<u>Echylon</u>	Movlon
Nylsuisse	<u>Trevira</u>	<u>Gunlene</u>	<u>Multiflex</u>
Platil		<u>Hi-Zex</u>	<u>Nufil</u>
Roblon		<u>Kanelight</u>	Propylon
Tynex		<u>Lavaten</u>	<u>Pylen</u>
		(Lavaten)	Trofil P
<u>POLYAMIDE 6</u>		Marlex 50	Ulstron
<u>Amilan</u>		Norfil	Velon PS
<u>Anzalon</u>		Northylen	
<u>Caprolan</u>		<u>Nymplex</u>	
Celon		<u>Plachylon</u>	
Dayan		<u>Polyfa</u>	
<u>Dederon</u>		<u>Pylen E</u>	
<u>Enkalon</u>		Trofil	
<u>Forlion</u>		Velon LP	
<u>Grilon</u>		<u>Vetex</u>	
<u>Kapron, Capron</u>		Wirilene	
Lilion		Wynene 18	
Nopalon			
<u>Perlon</u>			
<u>Steelon</u>			

Note: Trade names underlined are those most commonly used in marine fishing gear in the ICNAF Area.