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Document No. 36.ANNUAL MEETING, JUNE, 1962.Data on the Use of Topside Codend Cover
and Codend Mesh Sizes.by
The Executive Secretary.

At the 1961 Annual Meeting the Working Group on Gear Research and Selectivity expressed the wish that the data on use of chafing gear (topside codend cover) and on trawl codend mesh sizes as reported by member countries when submitting "Annual Return of ICNAF Mesh Regulation Inspections and Results" be made available for the Research Committee for consideration.

The following two tables have - to meet this wish - been prepared in the Secretariat on the basis of the submissions by member countries for the years 1957-61; submissions for 1961 had only been received from a smaller part of the member countries when this compilation was made.

When using these figures, it must be borne in mind that the figures in the tables refer to numbers of trawls inspected, not to numbers of vessels.

Table 1 gives the data for use of topside codend cover. It appears from the table that cover is used on almost all trawls from Canada Newfoundland, from France and Portugal (ca. 70-100%). For Canada Maritimes and Quebec topside cover is used on about 20-30 % of the trawls. Only a very small percentage of trawls from U.S.A. (1-4 %) are used with topside cover. The report for 1961 indicates that topside cover is in use in the U.S.S.R. trawl fleet, but figures showing how frequently it is used are not available. No data on use of topside cover are available for Germany, Iceland, Italy and United Kingdom, the remaining countries trawling in the regulated subareas. The data reported do not show any definite changes in the use of topside cover over the years (1957-61).

Table 2 gives data on codend mesh sizes. It appears that the smaller mesh codends still in use by Canada in 1957 (to a less degree in 1958) have completely disappeared during the most recent years. The figures may further indicate that the meshes used in the trawls of the European fleets are slightly larger than those in use in the North American fleets.

TABLE 1. Annual Returns. Data on Use of Cover on Top of Codend; numbers of trawls¹⁾ inspected with (+) and without (-) such cover:

	Canada, Mar.-Quebec		Canada, NFLD.		France		Portugal		Spain		U.S.A.	
	+	-	+	-	+	-	+	-	+	-	+	-
1957	53	168	32	0	7	24	22	0	19	186	1	62
1958	36	183	19	1	162	42	22	0			3	224
1959	89	178	29	-	144	0	22	0	15	37	1	120
1960	57	220	29	4	214	4	22	0	15	37	5	139
						98					2	180

1) As the numbers stated are of trawls inspected, or sooner of inspections of individual trawls, the figures do not necessarily coincide with numbers of trawlers; therefore the rather great fluctuations in numbers from year to year. U.S.S.R. reports (1961) that cover on top of codend is used by U.S.S.R. trawlers. Iceland does not report the use of cover on top of codend (1961).

TABLE 2. Continuation.

1959	Canada, Maritimes and Quebec			Canada, Newfoundland.			France, Metrop-Sub. 1-4			France, St. P & M.			U S A			
	inches	mm	sisal or manila used	cotton used	synthetic used	sisal or manila used	synthetic used	manila used	synthetic used	manila used	synthetic used	sisal or manila used	synthetic used	sisal or manila used	synthetic used	
			n	uw	n	uw	n	uw	n	uw	n	uw	n	uw	n	uw
2 1/4-2 3/4	57-70	3														
2 3/4		2													1	3
3 1/4		7	1	3	1	5										
3 3/4		8		1	12	39	15	15						1	16	
4 1/4		28	28	1	18	32	4	6	5	12	12	19	14	13		
4 3/4		39	8		11		21	25	5			55	19	1		
5 1/4							4	50	30			47				
5 3/4																

Note: Iceland uses 110 mm = 4 1/4 inches; Italy informs that their trawlers use the ICNAF regulation mesh.

1960	Canada, Maritimes and Quebec.			Canada, Newfoundland.			France, Sub. 1-4.			Italy			Portugal			Spain			
	inches	mm	sisal or man. used	cotton used	synthetic used	others used	sisal or man. used	synthetic used	sis. or man. used	synthetic used	manila used	synthetic used	manila used	synthetic used	manila used	synthetic used	others used		
			n	uw	n	uw	n	uw	n	uw	n	uw	n	uw	n	uw	n	uw	
2 1/4-																			
2 3/4																			
3 1/4																			
3 3/4			1	5	10	2	73	28	70										
4 1/4		15	27	1	1	77	13	6	25	4	3	121	135	18	100	103	6	14	
4 3/4			1	4						14	50	15	15	151	23	11	11	3	18
5 1/4											22	10	10	58	47	44	27		27
5 3/4																			

Note: Germany uses 110 mm meshes (North Sea Convention of 1946). Iceland: 3 1/4- 3 3/4- 8, 3 3/4 - 4 1/4 - 4, 4 1/4-4 3/4- 8, 4 3/4-5 1/4-1 codend.

TABL .. Continuation.

1960		U S A sisal or manila used		synthetic used	
inches	mm	n	w	n	w
2 1/4					
2 3/4				22	
3 1/4				123	
3 3/4		69		16	80
4 1/4			7	9	6
4 3/4		19			
5 1/4		50			
5 3/4					

1961		France (Metrop.) manila		synthetic		Iceland manila		U S A sisal or manila		synthetic		
vessel tonnage	inches	mm	n	uw	n	ud	n	uw	n	uw	n	uw
2 1/4	57-70											
2 3/4	70-83											
3 1/4	89-95											
3 3/4	95-108		4		42	1					6	
4 1/4	108-121		3		33	11				43	182	
4 3/4	121-133			16	22		6			1	31	
5 1/4	133-146				20	15			14		31	
5 3/4	146-159				16	10			49			
	159-170					10						
						5						
						2						
						5						
						6						
						7						
						15						