



ANNUAL MEETING - JUNE 1955

Portuguese Research Report for 1954

No scientific personnel has been available during 1954 for work on the Portuguese cod fishing in the Convention Area, as it has already been stated by the Portuguese delegates taking part in the 1955 Annual Meeting.

The only researches carried out by Portugal during 1954 have been those concerned with the study of conversion factors.

The questionnaires have this year been returned so late from the various vessels that it is only possible to give here a summary report of the results. A full report will be forwarded at a later date to the Secretariat.

The experiments have in 1954 been made in accordance with the plans and methods used in 1953 (Cfr. Figuireido's reports, Annual Meeting 1954 - Documents No. 3, 4, 5, 6, 9, and 12).

The material from 1954 consists of the data from 59 questionnaires comprising 5,900 kgs. of cod (samples of 100 kgs.; 24 samples from Newfoundland, and 35 from Greenland, no samples from the Labrador area).

The following table shows the conversion factors found (L. - Dory Line fishing, Tr. - Trawl fishing):

	<u>Newfoundland</u>			<u>Greenland</u>		
	L.	Tr.	Total	L.	Tr.	Total
Minimum	2.08	2.56		2.12	2.32	
Average	2.96	2.89	2.92	2.89	2.81	2.86
Maximum	3.33	3.33		4.00	3.12	
No. of Kgs.	900	1,500	2,400	2,200	1,300	3,500
(1953			2.92)	(1953		2.62)
			(1,900 kgs.)			(1,700 kgs.)

Average all Samples (dory + trawl fishing)

1954 2.88 (5,900 kgs.) - Newfoundland and Greenland

1953 2.84 (5,034 kgs.) - Newfoundland, Labrador and Greenland.

The questions of to what degree the size of the fish and their position in the hold of the vessel might influence the size of the conversion factor shall not be discussed here. Attention is however drawn to the remarkable agreement between the conversion factors found in the two years 1953 and 1954.

Researches being carried out.

Dr. Mario Ruivo, Scientific Adviser to the Portuguese Government as to ICNAF, has since April 1954, been charged with the Portuguese researches in the Convention Area.

He has been covering work in Subarea 3 during April and May. About 3,000 observations (sizes, otoliths, stage of maturity, degree of parasitisation) have been made. Further researches of the same kind will be carried out during this summer in West Greenland waters. The researches will concern dory fishing as well as trawl fishing. Four observers will be at work on various vessels of the Portuguese cod fishing fleet.

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