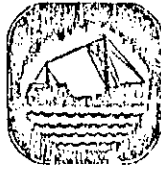


INTERNATIONAL COMMISSION FOR



THE NORTHWEST ATLANTIC FISHERIES.

ICNAF Res. Doc. 66-38

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ANNUAL MEETING - JUNE 1966

SPANISH RESEARCH REPORT 1966

BY O. RODRIGUEZ MARTIN
Dirección General de Pesca Marítima.

SPANISH RESEARCH REPORT. 1965
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by O. Rodriguez Martin

Dirección General de Pesca Maritima

1.- Statistical Information (Annex nº 1)

24 trawlers and 94 pair trawlers (this vessels represent only 47 gears) have operated in the ICNAF area during the year 1965.

These vessels make a total weight of 63.000 tons, approximately a half for each type, and have a crew about 3.500 fishermen.

Total catch was 232.000 tons, of which 97% belongs to cod, 2% to haddock, and 1% other species (white-hake and pollock).

TABLE I.- CATCHES IN TONS

SUBDIVISIONS	TRAWLER	PAIR TRAWLER	TOTAL
1 B	622	-	622
1C	29	-	29
TOTAL SUBAREA 1.	651	-	651
2G	832	-	832
2H	6.827	-	6.827
2J	51.822	-	51.822
TOTAL SUBAREA 2.	59.481	-	59.489
3K	9.950	-	9.950
3L	11.014	21.076	32.090
3M	1.538	-	1.538
3N	2.111	28.495	30.606
3O	337	35.646	35.983
3P	2.366	13.496	15.862
TOTAL SUBAREA 3.	27.316	98.713	126.029
4R	219	-	219
4T	24	19	43
4V	1.899	32.579	34.478
4W	-	12.891	12.891
4X	-	148	148
TOTAL SUBAREA 4.	2.142	45.637	47.779
5Z	-	69	69
TOTAL SUBAREA 5.	-	69	69
TOTAL GENERAL:	189.590	144.419	234.009

If we compared catches of trawlers and pair trawlers, in successive (Fig.1), we can observe a consistent and convergen encrease until 1964 in which catches of the pair trawlers happen to equal those of trawlers.

In 1965 pair trawlers keep encreasing there catches going over the trawlers by far.

The Spanish cod fleet, dedicated only to salt and dry cod requires better and better quality of species and sizes of fish.

For this reazon cod is the only specie sought, other fishes (haddock, pollock, white hake, etc.) being ignored.

2.-DISCARD.-

Information about discards provided by the masters of the trawlers is given in annexes 2a - 2b. Studing caerfully the data of each vessel we can observe striking disagreements, which must be due only to the different points of view of the masters.

That is why we have only taken down the available information, but we think that a sampling system could be more efficient, using only a few ships whose captains could be more trustful.

We understand that could be better to have observers on boat certain vessels and make general estimation from their data.

3.- RECAPTURED TAGS (Annex n^o 3)

During the present year, we have received information about 184 tags recaptured by Spanish fishermen, most of them coming from Canada, USSR.

All these tags were return to their countries of origin and reward of 50-Pts. was paid to the fishermen who delivered them.

4.- SCIENTIFIC COOPERATION

4.1.- During the months October and November the biologist Mr. O. Cendrero, embarked on a Spanish trawlers to carry out some observations in Newfoundland and Labrador about length and age frequencies, sex ratio, and relationship total length/head lenght. Results are given in Res. Doc. 66 - 27

4.2.- Similarly Mr. Figueras has done study about length, ages and growth of cod in Subareas 1-2-3 using material collected by observers seamen, whose results appared in Reg. Doc. 66 - 70.

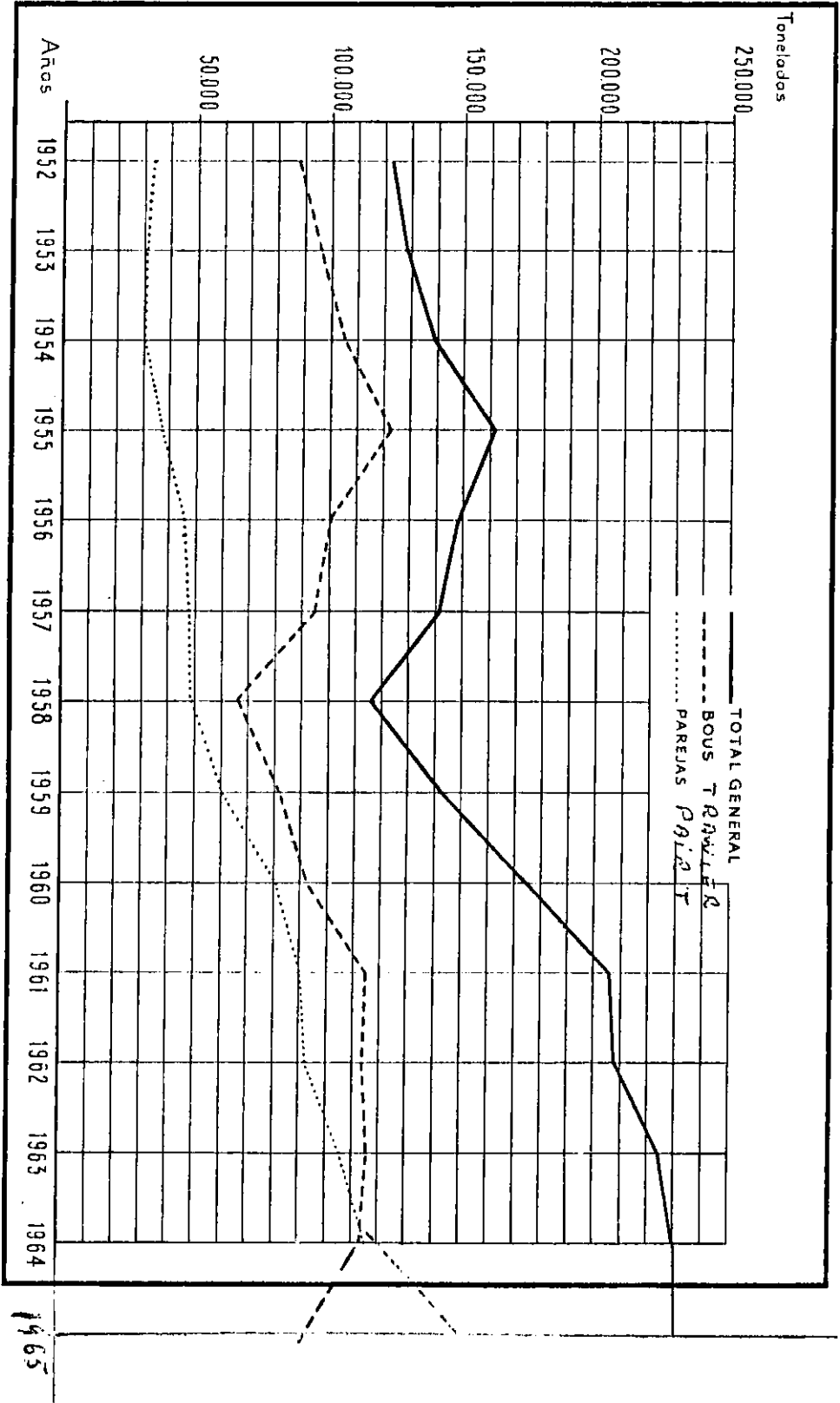


Figura 1. Catches of the Spanish fleet in the Northwest Atlantic

STATISTICAL DATA I.C.N.A.F. - 1965
(Estadística I.C.N.A.F. - 1965)

Annex I

CONCEPTS. (Concepto)	OFFAL TRAWLERS. (Bous)	PAIR TRAWLERS. (Farejas)	TOTALS. (Total)
Number of vessels. (Nr. de barcos)	24	94(1)	118
Tons. G. D. (Tons. G. D.)	32,400	30,330	62,730
Crew. (Tripulación)	1,333	1,923	3,461
No. of days on grounds (Nr. días en bancos)	3,871	10,246	16,117
No. of days fished. (Nr. días pescando)	4,933	9,067	14,006
No. of sets. (Nr. de lances)	26,462	24,444	47,906
No. of trawl hours. (Nr. de horas de arrastre)	55,591'90	73,522'75	144,474'65
CAPTURES. (Capturas)			
Dot	89,162'4	136,074'6	225,237'0
(Secalmo)			
Blacklock	313'0	4,662'3	4,950'3
(Llofino)			
White Hake	50'7	245'7	296'4
(Locha)			
Pollock	55'2	1,733'5	1,810'7
(Galero)			
TOTAL CAPTURES. (Total captures)	89,535'8	142,741'1	232,280'4

REGULAR CONVERSION FACTOR: 3

(factor de conversión aplicado: 3)

(1) as these vessels are "pair-trawlers" they represent only 47 trawl gears.

(como estos barcos pescan en pareja, representan 47 artes de pesca)

ICNAF STATISTICS FORM FOR REPORTING DISCARD FISH (Metric Tons Round Fresh)															
Vessel Type	Tonnage Class	Country	Year	Species		Total Amount Discard	THIRD QUARTER (July-September)			FOURTH QUARTER (October-December)			TOTAL FOR YEAR		
				Code	Species		Total Amount Discard	Amt. of Landings Sampled (1)	Total Amount Discard	Amt. of Landings Sampled (1)	Total Amount Discard	Amt. of Landings Sampled (1)			
100 - 150	151 - 500	Spain	1966	500 - Haddock - Various		144,000.0									
DIVISIONS															
1 - 1						240.5	11,361.0	11	1,800.0	311	1,800.0	311	3,601.0	311	3,601.0
1 - 2						200.5	17,470.1	710	2,700.1	710	2,700.1	710	5,400.2	710	5,400.2
1 - 3						200.5	10,300.4	1,000	1,000	1,000	1,000	1,000	2,000	1,000	2,000
1 - 4						0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	1.0
1 - 5						10.4	1,000.0	0.1	2,150.2	1,511	2,150.2	1,511	3,661.4	1,511	3,661.4
2 - 1						0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	0.7	1.4
2 - 2						0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	0.7	1.4
2 - 3						0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	0.7	1.4
2 - 4						0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	0.7	1.4
2 - 5						0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	0.7	1.4
3 - 1						0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	0.7	1.4
3 - 2						0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	0.7	1.4
3 - 3						0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	0.7	1.4
3 - 4						0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	0.7	1.4
3 - 5						0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	0.7	1.4
4 - 1						0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	0.7	1.4
4 - 2						0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	0.7	1.4
4 - 3						0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	0.7	1.4
4 - 4						0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	0.7	1.4
4 - 5						0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	0.7	1.4
5 - 1						0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	0.7	1.4
5 - 2						0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	0.7	1.4
5 - 3						0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	0.7	1.4
5 - 4						0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	0.7	1.4
5 - 5						0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	0.7	1.4
METHOD USED (e.g. observation at sea; interview at dockside; logbooks; etc.):															

(1) The Amount of Landings Sampled upon which the Estimated Percentage Discard was based.

Annex 3.
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TAGS RECAPTURED BY SPANISH VESSELS

No tag	Specie	Country of origin	Situation of release		Date of tag	Size of tag	Situation of recapture		Date of recapture	Deep	Size at recapture	Vessel	Weight
			lat.	long.			lat.	long.					
04.510	Coq.	U.S.S.R.					54-26 N.	54-05 W	25-9-64		59 cm.	Aguilón	700
10.805	"	"					52-47 N	52-48 W	22-2-65	355	52 "	Tornado	950
24.590	"	"					55-08 N	54-20 W	2-4-65		46 "	Dagmón	650
29.742	"	"					54-14 N	53-22 W	6-4-65		50 "	"	1.750
30.954	"	"					57-24 N	50-32 W	4-65	305	62 "	Bochorno	2.400
39.110	"	"					51-57 N	52-08 W	9-1-65		56 "	"	1.100
35.220	"	Canada	40-45 N	50-50 W	31-10-63		55-05 N	55-00 W	12-2-65			Virazón	
32.401	"	"	"	"	"		"	"	"			"	
44.480	"	"	52-35 N	51-50 W	7-3-63		52-20 N	52-00 W	12-2-65			"	
6-2.950	"	"	53-40 N	53-20 W	10-5-64		52-00 N	52-00 W	20-2-65			"	
1.022	"	"	52-21 N	52-15 W	11-2-64		53-00 N	54-20 W	16-2-65			"	
27.048	"	"	46-20 N	50-40 W	6-7-63		54-20 N	53-20 W	21-2-65			"	
6.2002	"	"	51-20 N	51-00 W	17-5-65		56-00 N	59-00 W	10-3-65			"	
34.403	"	"	53-05 N	55-50 W	6-3-63		52-20 N	52-00 W	12-2-65			"	
2.5017	"	"	"	"	"		"	"	"			"	
3.4003	"	"	46-05 N	50-40 W	2-7-65		50-00 N	52-00 W	22-2-65			"	
30.740	"	"	"	"	"		"	"	"			"	
1.1426	"	"	50-05 N	50-20 W	1-10-64		50-00 N	52-10 W	4-2-65			"	
2.1070	"	"	"	"	"		"	"	"			"	
3.1101	"	"	"	"	10-5-64		50-00 N	52-00 W	5-2-65			"	

Annex 3.
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TAGS RECAPTURED BY SPANISH VESSELS

No tag	Specie	Country of origin	Situation of release		Date of tag	Size of tag	Situation of recapture		Date of recapture	Deep	Size at recapture	Vessel	Weight
			lat.	long.			lat.	long.					
1-1.105	Cod.	Canadá	52-05 N	58-20 W	16-5-64		58-00 N	52-30 W	5-2-65			Virazón	
51.534	"	"	58-35 N	55-15 W	21-6-62		52-20 N	52-10 W	15-2-65			"	
32.670	"	"	40-20 N	58-25 W	20-8-62		"	"	"			"	
7-1.253	"	"	51-30 N	51-00 W	17-3-64		55-07 N	54-57 W	11-8-65			Tornado	
1-1.486	"	"	55-05 N	50-20 W	-		54-00 N	50-26 W	2-8-65			"	
7- 202	"	"	"	"	"		"	"	"			"	
1- 137	"	"	40-30 N	55-40 W	6-11-63		50-47 N	52-10 W	22-2-65			"	
1-2.710	"	"	50-50 N	57-20 W	20-9-64		40-20 N	59-42 W	"			"	
1-2.710	"	"	"	"	"		"	"	"			"	
1-1.224	"	"	51-20 N	51-00 W	10-3-64		50-48 N	54-01 W	2-0-64			"	
1-1.225	"	"	"	"	"		"	"	"			"	
40.556	"	"	46-30 N	52-30 W	11-10-64		58-00 N	54-30 W	27-0-64			"	
40.587	"	"	"	"	"		"	"	"			"	
47.554	"	"	58-35 N	55-20 W	10-3-62		48-20 N	50-42 W	2-2-65			"	
47.565	"	"	"	"	"		"	"	"			"	
50.140	"	"	43-50 N	52-30 W	10-10-60		52-30 N	59-30 W	0-6-64			"	
1-1.400	"	"	50-05 N	50-20 W	14-5-64		50-20 N	58-09 W	10-10-64			"	
1- 944	"	"	"	"	"		"	"	"			"	
0-0.900	"	"	51-15 N	53-35 W	1-10-64		54-30 N	54-00 W	19-4-65			Regación	
1.514	"	"	51-15 N	57-10 W	22-7-64		50-30 N	51-30 W	2-4-65			"	

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TAGS RECAPTURED BY SPANISH VESSELS

MS tag	Specie	Country of origin	Situation of release		Date of tag	Size of tag	Situation of recapture		Date of recapture	Deep	Size at recapture	Vessel	Weights
			lat.	long.			lat.	long.					
1.812	Cod.	Canada	54-25 N	57-20 W	2-7-64		55-08 N	54-20 W	2-4-65			Región	
6-3.619	"	"	48-45 N	53-05 W	18-10-64		54-18 N	53-25 W	4-4-65			"	
6-3.615	"	"	51-18 N	51-05 W	17-5-64		53-05 N	54-50 W	14-3-65			"	
6-1.975	"	"	52-45 N	51-39 W	-		53-45 N	51-50 W	no consta			Nochorno	
2-1.976	"	"	"	"	-		"	"	"			"	
35.500	"	"	53-25 N	53-45 W	6-3-63		52-56 N	54-15 W	59-9-64			"	
65.921	"	"	"	"	"		"	"	"			"	
9-4.036	"	"	53-30 N	53-50 W	"		53-44 N	53-57 W	no consta			"	
63.951	"	"	"	"	"		47-43 N	53-30 W	27-2-65			Olanzo	
60.157	"	"	52-10 N	52-10 W	11-9-63		47-45 N	53-25 W	4-5-65			"	
60.158	"	"	"	"	"		"	"	"			"	
7-3.245	Y	"	"	"	"		47-48 N	53-00 W	27-2-65			"	
6-1.046	"	"	"	"	"		"	"	"			"	
60.070	"	"	47-35 N	53-10 W	24-3-63		"	"	"			"	
92.071	"	"	"	"	"		"	"	"			"	
7- 252	"	"	46-40 N	53-30 W	8-1-63		47-22 N	51-34 W	29-4-65			Solano	
7- 253	"	"	"	"	"		"	"	"			"	
62.026	"	"	53-50 N	53-43 W	6-3-63		52-55 N	53-30 W	1-3-65			"	
62.027	"	"	"	"	"		"	"	"			"	
6-1.140	"	"	"	"	"		52-00 N	54-25 W	2-4-65			"	

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TAGS RECAPTURED BY SPANISH VESSELS

No tag	Specie	Country of origin	Situation of release		Date of tag	Size of tag	Situation of recapture		Date of recapture	Deep	Size at recapture	Vessel	Weight
			lat.	long.			lat.	long.					
G-2.771	Coç.	Canadá	52-40N	52-15 W	10-5-64		51-00 N	54-25 W	2-4-65			Solano	
J-1.514	"	"	52-40 N	52-20 W	18-5-64		51-10 N	53-15 W	11-2-65			"	
J-1.515	"	"	"	"	"		"	"	"			"	
G-2.525	"	"	52-35 N	52-20 W	14-5-65		51-50 N	51-00 W	8-8-65			"	
G-2.526	"	"	"	"	"		"	"	"			"	
G-2.621	"	"	"	"	"		51-43 N	53-57 W	9-4-65			"	
I-1.024	"	"	"	"	"		"	"	"			"	
G-2.504	"	"	"	"	"		52-07 N	51-56 W	20-8-65			"	
04.121	"	"	"	"	"		51-02 N	51-40 W	11-3-65			Argo	
04.122	"	"	"	"	"		"	"	"			"	
I-2.056	"	"	"	"	"		52-00 N	52-25 W	27-1-65			"	
I-3.041	"	"	"	"	"		52-58 N	52-50 W	5-3-65			"	
J-3.220	"	"	"	"	"		"	"	"			"	
J-1.225	"	"	"	"	"		52-00 N	52-30 W	20-2-65			"	
82.152	"	U.S.C.R.	"	"	"		52-50 N	52-10 W	4-3-65		56 cm.	"	1.500
62.599	"	"	"	"	"		55-00 N	54-30 W	6-4-65		50 cm.	"	900
97.897	"	Canadá	48-30 N	52-40 W	3-11-63		53-47 N	52-48 W	22-2-65			-	
10.663	"	"	47-24 N	61-10 W	17-5-66	30 cm.	45-10 N	50- W	--10-64		100 cm.	-	
04.252	"	"	44-06 N	50-15 W	21-9-63	52 cm.			21-3-65			Elizecho	
04.670	"	"	40-01 N	5-52 W	22-10-61	60 cm.			21-3-65			Mar Diez	

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TAGS RECAPTURED BY SPANISH VESSELS

No tag	Specie	Country of origin	Situation of release		Date of tag	Size of tag	Situation of recapture		Date of recapture	Deep	Size at recapture	Vessel	Weight
			lat. long's	lat. long's			lat. long's	lat. long's					
81.178	Doc.	Spanadé	42-04 N	58-58W	20-2-64	80 cms.			17-3-65			Terinoni	
J-1.190	"	"	52-40 N	56-25W	18-5-64		54-35 N	58-38 W	20-4-65		72 cms.	Licio	2.500
I-1.403	"	"	"	"	"		"	"	"		"	"	"
J-2050	"	"	50-35 N	58-20W	8-3-64		50-20 N	58-15 W	18-3-65		68 "	"	1.000
I-1.870	"	"	54-15 N	57-20W	2-7-64		54-25 N	58-20 W	2-4-65		68 "	"	2.000
47.002	"	"	58-5 N	55-15W	15-8-62		58-05 N	52-45 W	5-5-65		70 "	"	2.000
J-1.041	"	"	52-35 N	54-25W	24-8-62		54-25 N	52-50 W	17-4-65		38 "	"	"
J- 992	"	"	"	"	"		"	"	"		"	"	"
97.005	"	"	50-35 N	54-30W	18-1-63		54-50 N	54-02 W	3-4-65		54 "	Docorno	
I-1.729	"	"	48-45 N	52-25W	18-10-63		55-05 N	54-45 W	30-3-65		39 "	"	
I-2.730	"	"	"	"	"		"1	"	"		"	"	
44.573	"	"	58-50 N	55-40W	7-8-63		"	"	31-3-65		61 "	"	2.000
54.144	"	"	"	"	"		"	"	"		"	"	"
G-1.918	"	"	51-08 N	55-30W	14-11-63		54-15 N	58-45 W	11-3-65		66 "	"	
D-2.654	"	"	"	"	"		"	"	"		"	"	
I-2.791	"	"	42-50 N	56-00W	120-10-64		54-00 N	59-10 W	17-4-65		65 "	Y	1.000
J-2.032	"	"	"	"	"		"	"	"		"	"	"
J-1.353	"	"	58-30 N	58-50W	14-5-64		55-05 N	54-15 W	31-3-65		55 "	"	1.500
J-1.536	"	"	"	"	"		"	"	"		"	"	"
H-2.900	"	"	48-50 N	58-00W	24-10-64		50-05 N	54-55 W	27-2-65		60 "	"	2.000

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TAGS RECAPTURED BY SPANISH VESSELS

No tag	Specie	Country of origin	Situation of release lat. long.	Date of tag	Size of tag	Situation of recapture lat. long.	Date of recapture	Deep	Size at recapture	Vessel	Weight
D-3.171	Cod.	Canadá	58-00 N 58-00 W	24-10-64		55-05 N 54-51 W	27-3-65		62 cms.	Bechorno	2.000
J- 078	"	"	58-05 N 58-20 W	11-5-64		52-55 N 52-35 W	9-3-65		70 "	"	4.000
T-2.064	"	"	48-50 N 52-55 W	20-10-64		55-03 N 54-50 W	6-4-65		63 "	"	3.000
47.861	"	"	50-55 N 45-20 W	12-9-62		55-05 N 54-55 W	24-3-65		62 "	"	3.600
47.869	"	"	"	"		"	"		"	"	"
J-2.745	"	"	48-45 N 53-00 W	29-10-64		54-40 N 52-50 W	10-4-65		32 "	Vencovol	5.560
J-3.030	"	"	"	"		"	"		"	"	"
J-1.647	"	"	54-25 N 57-30 W	21-7-64		5-04 N 54-30 W	14-3-65		54 "	"	1.800
J-3.927	"	"	48-15 N 42-35 W	23-1-64		55-00 N 57-10 W	26-3-65		63 "	"	4.200
G-4.150	"	"	50-40 N 52-55 W	26-10-64		54-45 N 53-50 W	6-4-65		58 "	"	1.000
G-4.180	"	"	"	"		"	"		"	"	"
G-4.242	"	"	58-25 N 60-20 W	2-8-62		54-30 N 54-15 W	2-2-65		60 "	Libreco	1.500
G-4.240	"	"	"	"		"	"		"	"	"
J-2.103	"	"	58-40 N 52-30 W	5-8-64		54-17 N 54-15 W	28-3-65		75 "	"	2.750
J-2.104	"	"	"	"		"	"		"	"	"
I-2.203	"	"	58-30 N 62-30 W	6-8-64		58-30 N 58-25 W	2-3-65		68 "	"	2.500
I-2.204	"	"	"	"		"	"		"	"	"
G-3.559	"	"	50-40 N 62-30 W	-		44-17 N 44-25 W	21-5-65			Regación	
T-2.597	"	"	"	-		"	"			"	
57.973	"	"	50-30 N 51-30 W	24-8-63		50-30 N 50-30 W	11-5-65			"	

Annex J.
Area ICHAF
Year 1965

TAGS RECAPTURED BY SPANISH VESSELS

No tag	Specie	Country of origin	Situation of release		Date of tag	Size of tag	Situation of recapture		Date of recapture	Deep	Size at recapture	Vessel	Weight
			lat.	long.			lat.	long.					
K- 887	Cod.	Canada	45-30 N	55-10 W	22-6-65		45-05 N	55-15 W	1-7-65			Begañon	
G-2.239	"	"	47-10 N	51-15 W	30-4-64		43-25 N	51-50 W	13-7-65			"	
E- 396	"	"	"	"	"		"	"	"			"	
J-2.847	"	"	48-40 N	53-00 W	29-10-64		43-08 N	51-38 W	13-7-65			"	
S.265	"	"	"	"	"		"	"	"			"	
I-2.907	"	"	40-45 N	52-55 W	2-11-64		46-00 N	47-50 W	23-6-65			Alicio	
J-2.908	"	"	"	"	"		"	"	"			"	
A-4.824	Scotcher	"	51-26 N	09-28 W	26-3-65		50-53 N	10-10 W	-0-65			"Fasole San Juan"	
P- 878	Cod.	Alemania					50-48 N	50-57 W	31-5-65		58 cms.	Abrego	1,500 apr
96.584	"	U.S.S.S.					55-37 N	56-50 W	16-3-65		51 "	Vendaval	1,300 "
234.011	"	"					53-48 N	53-57 W	31-5-65		56 "	Abrego	1,150 "
6.625	"	"	54-35 N	53-40 W	10-4-63		54-17 N	54-26 W	20-5-65		57 "	Alicio	1,100 "
42.030	"	"					54-17 N	54-28 W	24-5-65		56 "	Abrego	1,000 "
65.957	"	"					54-17 N	54-25 W	25-5-65		49 "	"	500 "
95.197	"	"					54-10 N	54-25 W	19-5-65		60 "	"	1,600 "
4.652	"	"					54-35 N	51-31 W	9-6-65		30 "	Bio Dobra	2,000 "
G-5.110	"	Canada	46-03 N	52-22 W	11-5-65							"	
34.301	"	U.S.S.S.	55-19 N	54-50 W	15-5-68							"	
D-S.459	"	"					43-20 N	49-30 W	27-9-65	250	64 "	Brisa	2,400 "
29.695	"	"					56-08 N	57-30 W	10-5-65	360	56 "	Tornado	1,350 "
96.112	"	"					53-53 N	53-50 W	26-5-65	300	53 "	"	1,150 "

Annex 3.
Area ILLAF
Year 1965

TAGS RECAPTURED BY SPANISH VESSELS

Tag No	Specie	Country of origin	Situation of release		Date of tag	Size of tag	Situation of recapture		Date of recapture	Boop	Size at recapture	Vessel	Weight
			lat.	long.			lat.	long.					
44.004	"	"	"	"	"	"	"	"	"	"	Eriosa	"	
40.010	"	"	48-45 N	53-05 W	11-10-65	"	55-05 N	54-40 W	14-5-65	"	"	"	
90.006	"	"	"	"	"	"	"	"	"	"	"	"	
41.010	"	"	43-40 N	53-00 W	"	"	44-15 N	50-00 W	10-6-65	"	"	"	
50.469	"	"	"	"	"	"	"	"	"	"	"	"	
1-2.502	"	"	50-30 N	62-40 W	6-9-64	"	50-30 N	58-24 W	6-9-65	"	Yorlaco	"	
1-2.503	"	"	"	"	"	"	"	"	"	"	"	"	
20.012	"	"	50-55 N	50-30 W	21-8-62	"	50-00 N	54-55 W	10-8-65	"	Yorlaco	"	
2-014	"	"	"	"	"	"	"	"	"	"	"	"	
68.060	"	"	50-05 N	57-40 W	3-3-62	"	50-05 N	50-10 W	3-5-65	"	"	"	
1.014	"	"	53-35 N	50-30 W	15-3-64	"	53-35 N	53-10 W	2-5-65	"	"	"	
1.015	"	"	"	"	"	"	"	"	"	"	"	"	
80.542	"	"	53-30 N	50-20 W	14-2-65	"	"	"	"	"	"	"	
11-1.461	"	"	53-35 N	53-25 W	"	"	41-24 N	54-10 W	31-7-65	"	"	"	
11-1.462	"	"	"	"	"	"	"	"	"	"	"	"	
45.143	"	"	53-30 N	61-40 W	24-9-63	"	54-14 N	54-21 W	16-5-65	"	"	"	
90.724	"	"	45-40 N	40-20 W	20-4-64	"	40-35 N	50-37 W	9-6-65	"	"	"	
90.725	"	"	"	"	"	"	"	"	"	"	"	"	
26.104	"	"	51-15 N	56-45 W	27-9-55	"	51-10 N	57-05 W	14-2-65	"	Muracoán	"	

Annex 3.
ICMNF
Area
Year 1965

TAGS RECAPTURED BY SPANISH VESSELS

Tag	Species	Country of origin	Situation of release lat. long.	Date of tag	Size of tag	Situation of recapture lat. long.	Date of recapture	Deep	Size at recapture	Vessel	Weight
I-3.705	Cod.	Canadá	48-25 N 52-10 W	0-8-65		48-20 N 51-45 W	21-6-65				
I-4.574	"	"	"	"		"	"				
I-2.263	"	"	53-30 N 62-45 W	5-8-64		53-45 N 62-55 W	21-2-65				
I-2.264	"	"				"	"				
I-3.441	"	"	48-15 N 52-45 W	25-11-65		51-25 N 50-30 W	10-2-65				
I-2.184	"	"	54-30 N 57-15 W	24-7-64		54-36 N 53-09 W	24-2-65				
I- 653	"	"	50-35 N 56-10 W	11-5-64		50-35 N 52-04 W	25-4-65				
I- 659	"	"	"	"		"	"				
I-2.740	"	"	49-45 N 60-10 W	28-10-62		51-20 N 57-10 W	2-3-65				
I-2.614	"	"	45-15 N 55-00 W	18-6-63		45-10 N 55-10 W	2-11-65				
I- 734	"	"	"	"		"	"				
I- 541	"	"	40-15 N 50-15 W	12-3-64		48-50 N 50-07 W	21-9-65				
I- 542	"	"	"	"		"	"				
I-2.267	"	"	50-56 N 57-15 W	15-9-64		50-55 N 57-30 W	21-10-65				
I-2.676	"	"				"	"				
I-2.695	"	"				54-10 N 54-10 W	9-6-65		63 cms.		
I-2.414	"	"				44-34 N 51-53 W	"		77 "		
I-2.495	"	U.S.S.	51-31 N 51-00 W	12-5-63		53-00 N 54-55 W	16-9-65		64 "		2.700
I- 505	"	Alexandria	54-46 N 54-21 W	20-5-65		54-45 N 54-10 W	23-5-65		53 "		1.200
I- 5	"	"	54-48 N 54-37 W	"		"	3-6-65		51 "		1.400

