

Northwest Atlantic



Fisheries Organization

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SCIENTIFIC COUNCIL MEETING - JUNE 1983

Tagging Activities Reported for the Northwest Atlantic in 1982

Compiled by

NAFO Secretariat

At the 1974 Annual Meeting of ICNAF's Standing Committee on Research and Statistics, it was recommended that fisheries laboratories be requested to report to the Secretariat details of tag releases in the Northwest Atlantic and that the Secretariat promptly circulate the information and also collate the material received each year for presentation to the Annual Meeting. Tagging information provided for 1975 to 1981 were compiled and presented in ICNAF Sum. Doc. 76/VI/28, 77/VI/19, 78/VI/19, 79/VI/21, and NAFO SCS Doc. 80/VI/7, 81/VI/6 and 82/VI/4 respectively.

Information received at the Secretariat regarding tagging carried out during 1982 were circulated during 1982 and early 1983 in NAFO Circular Letters 82/35, 82/44, 82/53, 82/54, 82/56, 82/57, 82/58, 82/66, 82/67, 82/68, 82/74, 82/76, 82/79, 83/1, 83/3, 83/8 and 83/22. Each of the circular letters contained a reminder that reports on tag releases should be forwarded to the Secretariat as soon as possible after the tagging was carried out.

A summary of tagging activity in 1982 by species, country and area is given in Table 1, and details of 1982 tagging are given in Table 2. The ranges of serial numbers listed do not always reflect the precise number of tags used, as the national reports sometimes indicated that a few tags were missing from the series used.

The countries and fisheries laboratories which reported tagging activities in 1982 are as follows:

- | | |
|-------------|--|
| Canada (M) | - Dept. of Fisheries and Oceans, Biological Station
St. Andrews, New Brunswick
Canada EOG 2X0 |
| Canada (N) | - Dept. of Fisheries and Oceans, Northwest Atlantic Fisheries Centre
P. O. Box 5667, St. John's, Newfoundland
Canada ALC 5X1 |
| Canada (Q) | - Dept. of Fisheries and Oceans, Research Branch
P. O. Box 15500, Quebec, P. Q.
Canada G1K 7Y7 |
| Denmark (G) | - Grønlands Fiskeriundersøgelse
Tagensvej 135, 1.
DK-2200 København N
Denmark |
| France (SP) | - Institut Scientifique et Technique des
Pêches Maritimes
B. P. 1240,
F-97500 Saint Pierre
St. Pierre et Miquelon |
| USA (Maine) | - Dept. of Maine Resources, Fisheries Research Station
West Boothbay Harbor, Maine 04575
USA |

Table 1. Summary of available tagging information for 1982

Species	Country	Areas	No. of tags
Atlantic cod	Canada(N)	2J, 3K, 3L	11,558
	Denmark(G)	1D, EG	1,283
	France(SP)	3P	1,496
	USA(Maine)	5Y	436
Haddock	USA(Maine)	5Y	27
Pollock	Canada(M)	3P, 4W, 4X	8,304
American plaice	USA(Maine)	5Y	171
Witch flounder	Canada(Q)	4T	210
	USA(Maine)	5Y	3
Yellowtail flounder	USA(Maine)	5Y	76
Summer flounder	USA(Maine)	5Y	1
Greenland halibut	Canada(Q)	4T	1,046
Atlantic herring	Canada(M)	4W	7,124
	Canada(Q)	4T	26,900
Bluefin tuna	Canada(M)	4T	1
American shad	Canada(M)	4T, 4X	7,369
Arctic char	Canada(N)	2G, 2H	1,419
Atlantic salmon	Canada(N)	2H, 3K	690
	Canada(M)	4X	50
Lumpfish	Canada(N)	2J, 3K, 3L, 3P, 4R	1,945
Short-finned squid	Canada(N)	3K, 3L	1,244
	Canada(M)	4W	3,897
American lobster	Canada(M)	4W, 4X	9,885
Queen crab	Canada(M)	4Vn	737

Table 2. List of 1982 tagging activities reported to the Secretariat by Canada, Denmark, France and USA.

Species	Country	Div.	Location or position	Dates	Types of tags used	Range of Serial Numbers	No. of Tags
Atlantic cod	Canada (N)	2J	NE Hamilton Bank	Mar 18-19	Yellow petersen disc	L04850-L04899	50
		"	"	"	Yellow petersen disc and 5 cm yellow dangler	804224-804249	26
		"	"	"	Yellow spaghetti T-bar	H007426-H007475	50
		"	"	"	Orange spaghetti T-bar	J007451-J007492	42
		2J	SE Hamilton Bank	Mar 20-23	Yellow petersen disc	L04900-L05649	750
		"	"	"	Yellow petersen disc and 5 cm yellow dangler	804250-804995	744
		"	"	"	Yellow spaghetti T-bar	H007476-H008225	744
		"	"	"	Orange spaghetti T-bar	J007493-J008250	754
		3K	N Funk Island Bank	Mar 24-26	Yellow petersen disc	L05650-L06249	596
		"	"	"	Yellow petersen disc and 5 cm yellow dangler	820000-820599	592
		"	"	"	Yellow spaghetti T-bar	H008226-H008835	599
		"	"	"	Orange spaghetti T-bar	J008251-J008850	596
		3K	S Funk Island Bank	Mar 15	Yellow petersen disc and 5 cm yellow dangler	804200-804223	24
		3K	Notre Dame Bay (49°25'N, 55°06'W)	Sep 20-24	Orange spaghetti T-bar	J010751-J010850	100
		"	"	"	Yellow spaghetti T-bar	H010776-H010860	85
		"	(49°31'N, 55°03'W)	Sep 22-29	Yellow streamer	53801-54042	239
		"	"	"	Orange streamer	53801-54042	242
		"	(49°34'N, 55°11'W)	Sep 27-28	Yellow spaghetti T-bar	H010861-H010950	90
		"	"	"	Double dangles	820750-820824	75
		"	"	"	Yellow petersen disc	L06400-L06474	75
		"	"	"	Orange spaghetti T-bar	J010851-J010936	86
		3L	East of Cape Bonavista	Mar 12-14	Yellow petersen disc	L04500-L04849	355
		"	"	"	Yellow petersen disc and 5 cm yellow dangler	L06395-L06399	350
		"	"	"	Yellow spaghetti T-bar	H007076-H007425	393
		"	"	"	"	H008926-H008975	354
		"	"	"	Orange spaghetti T-bar	J007101-J007450	
		"	"	"	"	J008951-J008959	
		3L	North Cape of Grand Bank	Mar 27-29	Yellow petersen disc	L06250-L06394	143
		"	"	"	Yellow petersen disc and 5 cm yellow dangler	820600-820749	150
		"	"	"	Yellow spaghetti T-bar	H008826-H008925	100
		"	"	"	Orange spaghetti T-bar	J008851-J008950	99
		"	Trinity Bay (Old Bonaventure)	Jun 22-27	Yellow streamer	53067-53494	427
		"	"	"	Orange streamer	53067-53494	428
		"	"	"	Yellow spaghetti T-bar	H008976-H009000	572
		"	"	"	"	H010001-H010550	
		"	"	"	Orange spaghetti T-bar	J008960-J009000	566
		"	"	"	"	J010001-J010525	
		3L	Bonavista Bay (Swale Island)	Jul 1-14	Yellow streamer	53495-53800	306
		"	"	"	Orange streamer	53495-53800	306
		"	"	"	Yellow spaghetti T-bar	H010551-H010775	225
		"	"	"	Orange spaghetti T-bar	J010526-J010750	225
Denmark (G)	1D	64°15'N, 50°55'W	Jun 15	Yellow spaghetti T-bar	010000-010129	119	
	EG	65°46'N, 37°07'W (E. Greenland)	Sep 4-10	Yellow spaghetti T-bar	010150-011318	1164	
France (SP)	3P	45°40'N, 55°55'W (St. Pierre Bank)	Nov 16-18	Yellow spaghetti T-bar	B000-B999	996	
	"	"	"	"	C000-C499	500	
USA (Maine)	5Y	Sheepscot Bay	May 4-5	Yellow spaghetti T-bar	056338-056352	93	
	"	"	"	"	056356-056395		
	"	"	"	"	056409-056446		
	"	"	"	"	056459-056462		
	5Y	Sheepscot Bay	May 17-18	Yellow spaghetti T-bar	056463-056476	54	
	"	"	"	"	056478-056481		
	"	"	"	"	056490-056506		
	"	"	"	"	056516-056522		
	"	"	"	"	056531-056543		
	"	"	May 25-Jun 4	Yellow spaghetti T-bar	056556-056583	114	
	"	"	"	"	056585-056604		
	"	"	"	"	056606-056616		
	"	"	"	"	056625-056637		
	"	"	"	"	056642-056645		
	"	"	"	"	056660-056699		
	"	"	"	"	056701-056702		
	"	"	"	"	056704-056706		
"	"	"	"				
"	"	"	"				

Table 2. (cont'd)

Species	Country	Div.	Location or position	Dates	Types of tags used	Range of Serial Numbers	No. of tags
Atlantic cod	USA (Maine)	5Y	"	Jun 9-15	Yellow spaghetti T-bar	056708,056710	71
		"	"	"	"	056713-056725	
		"	"	"	"	056729-056740	
		"	"	"	"	056755-056761	
		"	"	"	"	056772,056806	
		"	"	"	"	056793-056795	
		"	"	"	"	056812-056823	
		"	"	"	"	056831,056875	104
		"	"	"	"	056833-056848	
		"	"	"	"	056870-056871	
		"	"	Jun 21-28	Yellow spaghetti T-bar	056888-056889	
		"	"	"	"	056891-056894	
		"	"	"	"	056921-056931	
		"	"	"	"	056940-056955	
		"	"	"	"	056970-056971	
		"	"	"	"	056976-056986	
		"	"	"	"	056991-057013	
		"	"	"	"	057018-057023	
		"	"	"	"	057037-057048	
		"	"	"	"	057059-057071	
		"	"	"	"	057090-057095	
Haddock	USA (Maine)	5Y	Sheepscot Bay	Jun 10-28	Yellow spaghetti T-bar	056751-056754	27
		"	"	"	"	056805,056867	
		"	"	"	"	056869	
		"	"	"	"	056872-056874	
		"	"	"	"	056906-056909	
		"	"	"	"	056967-056969	
		"	"	"	"	056975	
		"	"	"	"	057024-057025	
		"	"	"	"	057036,057049	
		"	"	"	"	057086,057089	
Pollock	Canada (M)	3P	47°34'N, 59°09'W	Aug 10, 16	Spaghetti T-bar	C42001-C42321 (less 9 tags)	312
		4W	45°21'N, 61°11'W	May 20-26	Spaghetti T-bar	V11001-V12000	3993
		"	"	"	"	V14001-V15000	
		"	"	"	"	V19001-V20000	
		"	"	"	"	V34001-V35000 (less 7 tags)	3999
		4X	44°56'N, 66°56'W	May 20-21	Spaghetti T-bar	C35001-C39000 (less 1 tag)	
American plaice	USA (Maine)	5Y	Sheepscot Bay	May 6-28	Yellow spaghetti T-bar	056397-056402	27
		"	"	"	"	056447-056453	
		"	"	"	"	056482,056523	
		"	"	"	"	056508-056511	
		"	"	"	"	056544-056550	
		"	"	"	"	056641	144
		"	"	Jun 9-28	Yellow spaghetti T-bar	056726	
		"	"	"	"	056741-056745	
		"	"	"	"	056762-056769	
		"	"	"	"	056773-056789	
		"	"	"	"	056807-056811	
		"	"	"	"	056824-056828	
		"	"	"	"	056849-056866	
		"	"	"	"	056876-056885	
		"	"	"	"	056896-056905	
		"	"	"	"	056910-056920	
		"	"	"	"	056932-056937	
		"	"	"	"	056956-056965	
		"	"	"	"	056972-056974	
		"	"	"	"	056987-056989	
		"	"	"	"	057015-057017	
		"	"	"	"	057026-057033	
		"	"	"	"	057051-057058	
		"	"	"	"	057072-057081	
		"	"	"	"	057097-057100	
Witch flounder	Canada (Q)	4T	St. Lawrence R. estuary	Jul 6-13	Red spaghetti T-bar	4000-4030	210
		"	"	"	"	5800-5830	
		"	"	"	"	25000-25200	
	USA (Maine)	5Y	Sheepscot Bay	Jun 24-28	Yellow spaghetti T-bar	056990,057017	3
		"	"	"	"	057101	
Yellowtail flounder	USA (Maine)	5Y	Sheepscot Bay	May 4-28	Yellow spaghetti T-bar	056354,056477	41
		"	"	"	"	056403-056408	
		"	"	"	"	056454-056458	
		"	"	"	"	056483-056489	
		"	"	"	"	056512-056515	
		"	"	"	"	056530,056584	
		"	"	"	"	056551-056553	
		"	"	"	"	056605	
		"	"	"	"	056617-056624	
		"	"	"	"	056638-056640	

Table 2. (cont'd)

Species	Country	Div.	Location or position	Dates	Types of tags used	Range of Serial Numbers	No. of tags
Yellowtail flounder	USA (Maine)	5Y	Sheepscot Bay	Jun 3-28	Yellow spaghetti T-bar	056656-056659 056700,056703 056707,056709 056711-056712 056727-056728 056746-056750 056770,056832 056790-056792 056829-056830 056868,056938 056886-056887 056966,057014 057034-057035 057082-057085	35
Summer flounder	USA (Maine)	5Y	Sheepscot Bay	Jun 22	Yellow spaghetti T-bar	056939	1
Greenland halibut	Canada (Q)	4T	St. Lawrence R. estuary	Jul 6-13	Red petersen disc	0800-1852	1046
Atlantic herring	Canada (M)	4W	45°07'N, 61°02'W	Nov 24	Spaghetti T-bar	H337501-H340999 M28376-M32000	3499 3625
	Canada (Q)	4T	SW Gulf of St. Lawrence	Sep 7-12	FD-68BC anchor	30585-31000 32001-36000 56001-79000	26900
Bluefin tuna	Canada (M)	4T	46°30'N, 62°02'W	Sep 23	WHOI Type H	B04351	1
American shad	Canada (M)	4T	Miramichi R. (NB)	May 15- Jun 15	Floy FT dart	MD14001-MD15000 (550 not used)	450
		4X	Annapolis R. (NS)	May 1- Jun 30	Floy FT dart	MD08001-MD09000 MD10001-MD13000	4000
		"	Minas Basin (NS)	Jun 1- Aug 30	Floy FT dart	MD15001-MD17000 (50 used for salmon, see below)	1950
		"	Cumberland Basin	Jul 1- Oct 15	Floy FT dart	MD13001-MD13700 (91 not used)	609
		"	St. John Hr. (NB)	Aug 1- Nov 1	Floy FT dart	MD09001-MD10000 (640 not used)	360
Arctic char	Canada (N)	2G	Hebron, Labrador	Jul 30- Sep 15	Green carlin	C3950-C3999 L54000-L54249 L54700-L54899	519
		"	"	Sep 1-29	Fingerling (white) " (dark blue)	1400-1499 4000-4199	298
		2H	Nain, Labrador	May 2- Jun 29	Green carlin	C1036-C1399 C2726-C3141	602
Atlantic salmon	Canada (N)	2H	Nain, Labrador	Aug 7-14	Yellow carlin	Y4822-Y4899	45
		3K	Notre Dame Bay, Nfld	Jun 15-16	Yellow carlin	Y5536-Y6181	645
	Canada (M)	4X	Minas Basin (NS)	Jun 1- Aug 30	Floy FT dart	MD15001-MD17000 (1950 used for shad, see above)	50
Lumpfish	Canada (N)	2J	Cartwright, Lab.	Jun 22	Orange spaghetti T-bar	J009001-J009023	23
		3K	Comfort Cove, Nfld	Jun 2	Yellow spaghetti T-bar	H009201-H009252	52
		3L	Catalina, Nfld	Jun 29	Yellow spaghetti T-bar	H009001-H009008	8
		3P	Grand Bank, Nfld	Jun 25-29	Yellow spaghetti T-bar	H009409-H009450 H009501-H009600	142
		"	"	"	Orange spaghetti T-bar	J009879-J010000 J009301-J009839	661
		"	Burgeo, Nfld	May 19	Orange spaghetti T-bar	J009026-J009300 J009840-J009878	314
		"	"	"	Yellow spaghetti T-bar	H009019-H009075	57
		4R	Codroy, Nfld	Jun 10 Jul 3	Yellow spaghetti T-bar	H009601-H010000 H009009-H009015	407
		"	Forteau, Labrador	Jun 11	Yellow spaghetti T-bar	H009076-H009200 H009253-H009408	281

Table 2. (cont'd)

Species	Country	Div.	Location or position	Dates	Types of tags used	Range of Serial Numbers	No. of tags
Short-finned squid (<i>I. illecebrosus</i>)	Canada (N)	3K	Twillingate, Nfld	Aug 20-22	Yellow anchor T-bar	5B23000-5B23362	360
		3K	White Bay, Nfld	Sep 25-26	Yellow anchor T-bar	5B23463-5B24140	674
		3L	Holyrood, Nfld	Aug 3-7	Yellow anchor T-bar	5B29001-5B29219 5B29251-5B29256 (less 15 tags)	210
	Canada (M)	4W	Chedabucto Bay	Aug 20-21	Anchor tag	4002-7000(less 4) 7076-7288(less 6) 7297-7350(less 1) 7356-8000(less 3)	3897
American lobster	Canada (M)	4W	Liverpool-Cabarus Nova Scotia	May-Jul	Yellow spaghetti T-bar	L048001-L051730	3700
		4W	42°40'N, 66°43'W	Jul-Aug	Yellow spaghetti T-bar	30301-31000	2806
		"	to	"	"	32001-32750	
		"	42°15'N, 65°30'W	"	"	47551-47900	
		"	"	"	"	52001-53000	968
		4X	Port Maitland, NS	Nov 2-12	Yellow spaghetti T-bar and monel carapace	45029-46000 B7029-B8000	
		4X	Grand Manan, NB	Mar 14- Jun 16	Yellow spaghetti T-bar	09456-09538	82
		"	"	Jul 20- Dec 9	Yellow spaghetti T-bar	43001-45000 46001-46238 46451-46561	2329
Queen crab	Canada (M)	4Vn	35-45 km off Glace Bay, NS	Aug 13	Orange spaghetti T-bar	C30042-C30781	737