

Northwest Atlantic



Fisheries Organization

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Tagging Activities Reported for the Northwest Atlantic in 1986

Compiled by

NAFO Secretariat

1. Tagging Activities in 1986

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 1985 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, 82/VI/4, 83/VI/8, 84/VI/5, 85/4 and 86/3 respectively.

Information received at the Secretariat regarding tagging carried out during 1986 were circulated during 1986 and early 1987 in NAFO Circular Letters 86/32, 86/52, 86/60, 86/61, 86/63, 86/72 and 87/04, 87/12, 87/23 and 87/25. 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 1986 by species, country and division is given in Table 1, and details of 1986 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. Outstanding data, not previously reported for 1985, are listed in Table 3.

The countries and fisheries laboratories which reported tagging activities in 1986 are as follows:

CANADA (M) (Scotia-Fundy) - Department of Fisheries and Oceans
Biological Station
St. Andrews, New Brunswick
Canada E0G 2X0

- Department of Fisheries and Oceans
Marine Invertebrates Division
P. O. Box 550
Halifax, Nova Scotia
Canada B3J 2S7

(Gulf Region) - Department of Fisheries and Oceans
Fisheries Research Branch
P. O. Box 5030
Moncton, New Brunswick
Canada E1C 9B6

CANADA (N) - Department of Fisheries and Oceans
Northwest Atlantic Fisheries Centre
P. O. Box 5667
St. John's, Newfoundland
Canada A1C 5X1

CANADA (Q) - Department of Fisheries and Oceans
Fisheries Research Branch
P. O. Box 15,500
Quebec City, Quebec
Canada G1K 7Y7

DENMARK (G) - Grønlands Fiskeriundersøgelser
Tagensvej 135, 1, DK-2200 København N
Denmark

Table 1. Summary of available tagging information for 1986.

Species	Country	Div.	No. of tags
Atlantic cod (<i>Gadus morhua</i>)	Canada (N) Canada (Q)	3K, 3L, 3Ps 4R	12,197 6,694
Greenland halibut (<i>Reinhardtius hippoglossoides</i>)	Denmark (Greenland)	1A	43
Spotted wolffish (<i>Anarhichas minor</i>)	Denmark (Greenland)	1A	276
Atlantic herring (<i>Clupea harengus</i>)	Canada (Q)	4S, 4T	12,353
Atlantic salmon (<i>Salmo salar</i>)	Canada (N) Canada (M)	2H, 2J, 3K, 3L, 3Ps 4T	636 63,872
Arctic char (<i>Salvelinus alpinus</i>)	Canada (N)	2H	664
American lobster (<i>Homarus americanus</i>)	Canada (M) Canada (Q)	4W, 4X, 5Ze 4S	9,514 4,942
Snow crab (<i>Chionoecetes opilio</i>)	Canada (Q)	4T	1,572

Table 2. List of tagging activities reported to the Secretariat for 1986.

Species	Country	Div.	Location or position	Dates	Types of tags used	Range of Serial Numbers	No. of tags
Atlantic cod (adult) (<i>Gadus morhua</i>)	Canada (N)	3K	Eastern Funk Island Bank	Jun 10	Orange T-bar Yellow T-bar	J18901-J18950 H18705-H18750	50 46
		"	Grey Islands	Jun 13-15	Double dangler Peterson disc " " Yellow T-bar Orange T-bar	84-2800-84-3549 L13650-L14299 L14900-L14999 H17851-H19500 J18951-J19700	740 648 100 649 645
		"	S.W. Funk Island Bank	Jun 19-20	Double dangler Peterson disc Yellow T-bar Orange T-bar	84-3550-84-3749 L14300-L14496 H19501-H19650 J19701-J19850	200 197 150 150
		3L	North Cape of Grand Bank	Jun 08	Double dangler Peterson disc Yellow T-bar Orange T-bar	84-2700-84-2799 L13550-L13649 H18651-H18704 J18851-J18900	100 100 54 48
		"	Point Lance, St. Mary's Bay	Sep 11-Oct 04	Double dangler " " Peterson disc " " Yellow T-bar " " " " Orange T-bar " " " "	84-3750-84-3999 84-4050-84-4149 L14497-L14750 L14800-L14899 H19651-H19750 H20001-H20200 H20251-H20350 J19851-J19900 J20001-J20150 J20161-J20300	249 100 250 100 100 200 100 49 150 140
		"	St. Mary's, St. Mary's Bay	Sep 15-Oct 05	Yellow T-bar Orange T-bar	H19751-H19910 J19901-J20000	160 100
		3Ps	Burgeo Bank	Mar 12-16	Double dangler Peterson disc Yellow T-bar Orange T-bar	84-1050-84-1849 L11900-L12699 H17051-H17850 J17251-J18050	799 797 794 800
		"	Southern St. Pierre Bank	Mar 17-21	Double dangler Peterson disc Yellow T-bar Orange T-bar	84-1850-84-2349 L12700-L13199 H17851-H18343 J18051-J18500	500 500 490 441
		"	Southern Green Bank	Mar 21-23	Double dangler Peterson disc Yellow T-bar Orange T-bar	84-2350-84-2699 L13200-L13544 H18344-H18650 J18501-J18850	350 345 304 342
		"	St. Brides, Placentia Bay	Oct 03	Double dangler Peterson disc Yellow T-bar Orange T-bar	84-4000-84-4049 L14751-L14799 H20201-H20250 J20151-J20160	50 50 50 10
	Canada (Q)	4R	Trout River (49°30'N, 58°02'W)	Jun 28-30	Anchoring FD-68-BC Orange marked "Pêches Canada"	QC2401-3672	1270
		"	Cow Head (49°53'N, 57°48'W)	Jul 01-02	" "	QC3673-4425	745
		"	Daniel's Harbour (50°11'N, 57°37'W)	Jul 03-04	" "	QC4426-6000	1575
		"	Nameless Cove (51°17'N, 56°39'W)	Jul 05-07	" "	QC6001-7206 QC7221-7225	1186
		"	Quirpon (51°36'N, 55°33'W)	Jul 05-08	" "	QD1-909	812
		"	Abrahams Cove (48°31'N, 58°56'W)	Jul 08	" "	QC7207-7220 QC7227-7291	80
		"	Cooks Harbour (51°34'N, 55°37'W)	Jul 09-10	" "	QD912-1950	1026
Greenland halibut (<i>Reinhardtius hippoglossoides</i>)	Denmark (Greenland)	1A	Jakobshavn	Aug 1986	Yellow T-bars	13300-13344 13625-13627	43
Spotted wolffish (<i>Anarhichas minor</i>)	Denmark (Greenland)	1A	69°55'N, 51°10'W	Aug 1986	Yellow T-bars	13345-13624	273
		1A	Jakobshavn	Aug 1986	Yellow T-bars	13315-13318	3

Species	Country	Div.	Location or position	Dates	Types of tags used	Range of Serial Numbers	No. of tags
Atlantic herring (<i>Clupea harengus</i>)	Canada (Q)	4S	Baie de Sept-Iles, PQ	May 07-12	Anchoring FD-68-BC Yellow marked "Pêches Canada"	94498-96564	2063
		"	Pointe aux Jambons, PQ entre Port-Cartier et Sept-Iles	May 13-26	" "	96565-105727	9150
		4T	Isle Verte, PQ	May 26-Jun 01	" "	13000-131155	1140
Atlantic salmon (<i>Salmo salar</i>) (adult)	Canada (N)	2J, 2H & 3L	Labrador Sea and Grand Banks	Oct 23-Nov 05	Maroon Carlin	X50006-X50009	3
		3K	Halls Bay, Nfld	Oct 26	Green Carlin	A852-A899 A5500-A5599 A6200-A6299 A5584 }	194
		3Ps	Bay d'Espoir, Nfld	May 29-Jul 08	Brown Spaghetti	K00001-K00583	439
Atlantic salmon 2+ smolt	Canada (M)	4T	Rivers flowing to the southern Gulf of St. Lawrence (Charlo FCS)	Apr 03-04	Microtags and adipose clip	Code 16/8 Code 16/7	5361 5545
		"	Rivers flowing to the southern Gulf of St. Lawrence (Miramichi FCS)	Apr 15-18	" "	Code 16/10 Code 16/11 Code 16/9	10728 4763 4855
		"	Rivers flowing to the southern Gulf of St. Lawrence (Margaree FCS)	Apr 09	" "	Code 2/23	3376
		"	Rivers flowing to the southern Gulf of St. Lawrence (Cobequid FCS)	Apr 10	" "	Code 0/0 Blank Code 2/25	7311 1992
		"	Rivers flowing to the southern Gulf of St. Lawrence (Cardigan FCS)	Apr 07	" "	Code 16/9	3872
					Adipose clip only		16069
Arctic Char (<i>Salvelinus alpinus</i>) (adult)	Canada (N)	2H	Main Bay, Labrador	Jun	Green Carlin	L55550-L55599 L55900-L55989	50 87
		"	Tikkoatokak, Labrador	Jun	" "	L58701-L58899 L59151-L59186	198 36
		"	Webb Bay, Labrador	Jun	" "	L58900-L59012	112
		"	Okak Bay, Labrador	Jun	" "	L53800-L53909	109
		"	Voisey Bay, Labrador	Jun	" "	L53950-L53960	11
		"	" "	Jul	" "	L53139-L53147 L53350-L53362 }	22
		"	Antons, Labrador	Jul	" "	L53100-L53138	39
American Lobster (<i>Homarus americanus</i>)	Canada (M)	4W	Halifax County	Oct 01-30	Sphyrion	00001-01416	1416
		4X	Shelburne, N.S. (43°35'N, 65°15'W)	Jul 03	"	55140-55204	65
		"	Pubnico Point, N.S. (43°34'N, 65°48'W)	Jul 03	"	55351-55450	100
		"	Port Mouton, N.S. (43°55'N, 64°55'W)	Jul 04	"	55451-55550	100
		"	McNutt's Island (Approx. (43°35'N, 65°20'W)	Jul 22-Aug 22	Yellow spaghetti	00848-00998 (less 64 tags not used) 06998	87 1
						10003-10951 (less 917 tags not used)	32
						11023-11850 (less 809 tags not used)	19
						12127-12951 (less 764 tags not used)	61
						13010-13974 (less 924 tags not used)	41
						14006-14953 (less 890 tags not used)	58
						15787, 16983, 19403 62358-63000 (less 32 tags not used)	3 611

Species	Country	Div.	Location or position	Dates	Types of tags used	Range of Serial Numbers	No. of tags	
American Lobster (<i>Homarus americanus</i>)	Canada (M)	4X				68588-70000 (less 9 tags not used) 80001-80393 (less 13 tags not used)	1404 380	
			"	German Bank (Approx. (43°20'N, 66°30'W)	Sep 19-29	" "	81001-83000 (2 tags missing)	1998
			"	Port Maitland (Approx. (43°55'N, 66°10'W)	Oct 20-23	Metal carapace	2001-3000 (3 tags missing)	997
		5Ze		Fundian Channel (42°30'N, 66°40'W)	Oct 21-25	yellow spaghetti	63017-63265	249
		"	Crowell Basin (43°00'N, 67°00'W)	Nov 06	" "	78001-78292	292	
		"	Georges Bank (41°20'N, 66°10'W)	Jun 19-25	Sphyrion	77001-78001	1000	
		"	Georges Bank (41°20'N, 66°10'W)	Oct 21-25	"	63401-64000	600	
		Canada (Q)	4S	Anticosti Island	Aug 6-21	Injected Stainless	N/A	1673
				Steel micro tag	N/A	3269		
Snow Crab (<i>Chionoecetes opilio</i>)	Canada (Q)	4T	Forestville to Godbout	Apr 17-28	Injected stainless steel micro tag	N/A	1572	
					Spaghetti tag	26480-26569	74	

Table 3. List of tagging activities reported to the Secretariat in 1985.

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