

Northwest Atlantic



Fisheries Organization

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Tagging Activities Reported for the Northwest Atlantic in 1989

Compiled by

NAFO Secretariat

1. Tagging Activities in 1989

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 1987 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, 86/3, 87/8, 88/7 and 89/06 respectively.

Information received at the Secretariat regarding tagging carried out during 1989 were circulated during 1989 and early 1990 in NAFO Circular Letters 89/14, 89/52, 89/53, 89/64, 89/69, 89/70, 90/03, 90/04, 90/05, 90/16, 90/26 and 90/28. 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 1989 by species, country and division is given in Table 1, and details of 1989 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 1988 (circulated during 1989 in NAFO Circular Letters 89/40 and 89/41), are listed in Table 3.

The countries and fisheries laboratories which reported tagging activities in 1989 are as follows:

- | | | |
|------------------------|---|---|
| CANADA (SF) | - | Department of Fisheries and Oceans, Sciences Branch
P. O. Box 1006, Dartmouth, Nova Scotia
Canada B2Y 4A2 |
| | - | Department of Fisheries and Oceans, Biological
Sciences Branch, P. O. Box 550, Halifax, Nova Scotia
Canada B3J 2S7 |
| CANADA (G) | - | Department of Fisheries and Oceans, Science Branch
Gulf Region, P. O. Box 5030, Moncton, New Brunswick
Canada E1C 9B6 |
| CANADA (N) | - | Department of Fisheries and Oceans, Science Branch
Northwest Atlantic Fishery Centre, P. O. Box 5667
St. John's, Newfoundland, Canada A1C 5X1 |
| CANADA (Q) | - | Department of Fisheries and Oceans, Biological
Sciences Branch, P. O. Box 1,000, 850, Route de la
Mer, Mont-Joli, Quebec, Canada G5H 3Z4 |
| DENMARK
(Greenland) | - | Greenland Fisheries Research Institute
Tagensvej 135, 1, DK-2200 Copenhagen N
Denmark |
| USSR | - | Polar Research Institute of Marine Fisheries and
Oceanography (PINRO), 6 Knipovich Street
Murmansk 183773, USSR |

Table 1. Summary of available tagging information for 1989.

Species	Country	Div.	No. of tags
Atlantic cod (<i>Gadus morhua</i>)	Canada (N)	2J, 3K, 3L, 3P	8,457
	Denmark (Greenland)	1D, 1E, 1F, Ices 14B	2,530
	USSR	3O, 3L	2,317
Haddock (<i>Melanogrammus aeglefinus</i>)	Canada (SF)	4V	11,000
Atlantic salmon (<i>Salmo salar</i>)	Canada (G)	4R, 4T	6,114
Atlantic herring (<i>Clupea harengus</i>)	Canada (G)	4T	3,000
American plaice (<i>Hippoglossoides platessoides</i>)	Canada (N)	3N	505
Yellowtail flounder (<i>Limanda ferrugina</i>)	Canada (N)	3N	1,213
Greenland halibut (<i>Reinhardtius hippoglossoides</i>)	Denmark (Greenland)	1A	634
Common lumpfish (<i>Cyclopterus lumpus</i>)	Canada (N)	3Ps	2,065
American lobster (<i>Homarus americanus</i>)	Canada (SF)	4X	2,508
	Canada (Q)	4S	4,500
Giant Sea scallop (<i>Placopecten magellanicus</i>)	Canada (SF)	4T	3,440

Table 2. List of tagging activities reported to the Secretariat for 1989.

Species	Country	Div.	Location or position	Dates	Types of tags used	Range of Serial numbers	No. of tags
Atlantic cod (<i>Gadus morhua</i>)	Canada (N)	2J	Hamilton Bank	21-22 Nov	Petersen Disc Yellow T-bar Orange T-bar	L25152-L25462 H27326-H27475 J27326-J27475	311 150 149
		3K	N.E. Funk Island Bank	8-10 Feb	Petersen Disc Yellow T-bar Orange T-bar	L21942-L22799 H25001-H25450 J25001-J25449	858 446 449
		3L	Cape Bonavista	6-7 Jun	Petersen disc Orange T-bar Yellow T-bar	L22800-L23349 J25450-J25725 H25451-H25725	550 275 275
		"	Cape Freels	9 Jun	Petersen disc Orange T-bar Yellow T-bar	L23350-L23899 J25726-J26000 H23726-H26000	549 275 275
		"	Woolfall Area A	11-12 Jun	Petersen disc Orange T-bar Yellow T-bar	L23900-L24417 J26001-J26250 H26001-H26250	515 250 250
		"	Woolfall Area B	14-15 Jun	Petersen disc Orange T-bar Yellow T-bar	L24418-L24689 J26251-J26375 H26251-H26375	271 125 125
		"	Cape Bonavista	17-18 Jun	Orange T-bar Yellow T-bar	J26376-J27094 H26376-H27100	719 723
		3P	Danzic Point	22 Aug- 06 Sep	Petersen Disc	L24690-L25151	461
		"	Fortune Bay		Yellow T-bar Orange T-bar	H27101-H27325 J27095-J27325	225 231
	Denmark (Greenland)	1D	Fyllas Bank	16 Aug	Yellow T-bar	15000-15323 18280-18470 19500-19549 19600-19699	321 189 50 99
		"	63°01'N 50°50'W	01 Sep	" "	17662-17980 18000-18279 19489-19499	316 275 11
		1E	61°59'N 49°51'W	22 Aug	" "	15324-15999 17000-17048	666 48
		1F	59°48'N 45°42'W	23 Aug	" "	17049-17493 17578-17585	440 8
		"	60°06'N 45°12'W	26 Aug	" "	17494-17499 17525-17549	6 25
		(Ices 14B)	59°46'N 42°57'N	29 Aug	" "	17586-17661	76
	USSR	3O	44°01'N 52°41'W	20 Apr	Hydrostatic	77401-77462	62
		"	44°00'N 52°40'W	21 Apr	"	77463-77500, 251501-251530	68
		3L	46°39'N 51°32'W	29 Apr	"	251531-251600, 286301-286322	92
		"	46°41'N 51°39'W	29 Apr	"	286323-286400, 323901-323921, 323923-323932, 323934-324000, 333001-333029	205
		"	46°43'N 51°41'W	29 Apr	"	333030-333100, 333601-333682	153
		"	46°40'N 51°38'W	29 Apr	"	333683-333800, 334001-334100	218
		"	46°41'N 51°42'W	29 Apr	"	334101-334200	100
		"	46°41'N 51°39'W	30 Apr	"	334301-334440	140
		"	46°40'N 51°38'W	30 Apr	"	334441-334500, 335001-335260	320
		"	46°41'N 51°38'W	30 Apr	"	335261-335328, 335331-335340, 335344, 335349, 335352, 335356, 335359, 335361- 335363, 335365- 335369, 335371- 335394	115

Table 2. (Continued)

Species	Country	Div.	Location or position	Dates	Types of tags used	Range of Serial numbers	No. of tags
Atlantic cod (<i>Gadus morhua</i>)	USSR	3L	46°42'N 51°41'W	30 Apr	Hydrostatic	335395-335400, 335501-335615, 335617, 335619-335673	177
	"	"	46°42'N 51°40'W	30 Apr	"	335674-335820, 335825, 335829, 335831-335840, 335842-335865, 335867-335869, 335871-335900	216
	"	"	46°39'N 51°35'W	30 Apr	"	335901-336000, 30402-30412, 30415-30418, 30420-30462, 30464-30497	193
	"	"	46°35'N 51°33'W	30 Apr	"	47841-47856, 47858-47860, 62301-62400, 62901-62999, 72201-72240	258
Haddock (<i>Melanogrammus aeglefinus</i>)	Canada (SF)	4V	Banquereau Bank	6-15 May	Yellow T-bar	221000-232000	11,000
Atlantic salmon (<i>Salmo salar</i>) (smolts)	Canada (G)	4R	Western Arm Brook Newfoundland.	Jun	Small blue carlin	2248000-2248999 2249950-2249959	1,010
(kelts-1SW)	"	"	Western Arm Brook	Jun	" " "	2245500-2245748	249
	"	4T	N.B. Stewart Brook (Tributary to North- west Miramichi River)	25 May	Microtag	Agency 55 Code 16/15	1,100 1+smolt
	"	"	Lake-O-Law Brook (Tributary to North- east Margaree River)	23-29 May	"	Agency 55 Code 16/14	1,184 2+smolt
(1SW)	"	"	Restigouche River, N.B. (Dalhousie)	Jun-Jul	Small blue small	2222000-2222027	26
(Smolts)	"	"	Bartholomew River, N.B. (Miramichi System)	May-Jun	" " "	2221822-2221999 2225000-2225899	176 896
(MSW)	"	"	Miramichi River, N.B. (Millbank)	May-1 Nov	" " "	2213900-2213925 2213600-2213615 2213617-2213712 2213714-2213789 2226490	26 16 96 76 1
(1SW)	"	"	Miramichi River, N.B. (Millbank)	May-1 Nov	" " "	2213397-2213399 2213426 2213428-2213599 2226000-2226489 2226491-2226561	3 1 172 490 71
(1SW)	"	"	Miramichi River, N.B. (Millbank)	May-1 Nov	" " "	2226563-2226649 2226651-2226659	87 9
(1SW+MSW)	"	"	Margaree River, N.S.	Sep-Oct	" "	2223583-2223999 2223300-2223309 (Excluding) 2223950-2223951	425
Atlantic herring (<i>Clupea harengus</i>)	Canada (G)	4T	Miramichi Bay, N.B. (Escuminac)	May	Yellow T-bar (Spaghetti - Floy Type)	0001-0999 2001-4000	3,000
American plaice (<i>Hippoglossoides platessoides</i>)	Canada (N)	3N	Southeast Shoal	30-31 Aug 2 Sep	Petersen disc	S1000-S2734 (The tagging number series includes both American plaice and yellowtail flounder as both species were tagged at the same time for the same experiment.)	505
Yellowtail flounder (<i>Limanda ferruginea</i>)	Canada (N)	3N	Southeast Shoal	30-31 Aug 2 Sep	Petersen disc	S1000-S2734 (The tagging number series includes both American plaice and yellowtail flounder as both species were tagged at the same time for the same experiment.)	1,213
Greenland halibut (<i>Reinhardtius hippoglossoides</i>)	Denmark (Greenland)	1A	72°52'N 54°45'W	Aug-Sep	Yellow T-bar	DA-4 14476-14499 14658-14935 20667-20999	24 277 333

Table 2. (continued)

Species	Country	Div.	Location or position	Dates	Types of tags used	Range of Serial numbers	No. of tags
Common Lumpfish (<i>Cyclopterus lumpus</i>)	Canada (N)	3Ps	Red Harbour, P. Bay	12-21 Jun	Yellow T-bar	H24401-H25000	599
						H29301-H29750	449
					Orange T-bar	J24434-J25000	567
						J29301-J29750	450
American lobster (<i>Homarus americanus</i>)	Canada (SF)	4X	Pubnico Point, N.S. (43°44'N; 65°51'W)	Jun-Oct	Sphrylon (yellow spaghetti)	11001-12000	1,000
		"	Port L'Hebert, N.S. (43°50'N; 64°56'W)	Jul-Aug	" "	12001-12715	700
		"	Port Maitland, N.S. (44°00'N; 66°10'W)	May	" "	51801-51908	108
		"	No. Edge-Georges Bank (42°11'N; 66°27'W)	Mar	" "	90001-90400	400
		"	Georges Basin (42°23'N; 66°33'W)	Mar	" "	90501-90800	300
	Canada (Q)	4S	South Anticosti (49°00'N; 62°00'W)	Aug	Sphrylon (yellow)	0-5,000	4,500
Giant sea scallop (<i>Placopecten magellanicus</i>)	Canada (G)	4T	Northumberland Strait (between PEI and NS)	31 Aug- 12 Sep	Yellow petersen disc tags	1-240 1500-4700	3,440

Table 3. List of tagging activities reported to the Secretariat for 1988.

Species	Country	Div.	Location or position	Dates	Types of tags used	Range of Serial numbers	No. of tags
Greenland halibut (<i>Reinhardtius hippoglossoides</i> W.)	Greenland (Denmark)	1F	Julianehaab - Cape Farewell	23 Jan- 7 Feb	Yellow T-bar	DA4 20547-DA4 20666	120
Snow crab (<i>Chionoectes opilio</i>)	Canada (Q)	4S	La Tabatiere to Blanc Sablon	1-17 Jun	Injected stainless steel micro tag	N/A	5,000
					Spaghetti tag	26589-26657	68