

Northwest Atlantic



Fisheries Organization

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SCIENTIFIC COUNCIL MEETING - JUNE 1984

Tagging Activities Reported for the Northwest Atlantic in 1983
and Additional Information for Earlier Years

Compiled by

NAFO Secretariat

1. Tagging Activities in 1983

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 1982 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 and 83/VI/8 respectively.

Information received at the Secretariat regarding tagging carried out during 1983 were circulated during 1983 and early 1984 in NAFO Circular Letters 83/34, 83/36, 83/53, 83/59, 83/60, 83/63, 83/64, 83/68, 83/70, 83/73, 84/02, 84/03, 84/05, 84/08 and 84/11. 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 1983 by species, country and area is given in Table 1, and details of 1983 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 1983 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 A1C 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 |
| USA (Maine) | - Dept. of Maine Resources, Fisheries Research Station
West Boothbay Harbor, Maine 04575
USA |

2. Additional Tagging Information for 1981 and 1982

Table 3 contains information on tagging activities in 1981 and 1982 which was not included in previous summary documents (SCS 82/VI/4 and 83/VI/8) containing information for these years.

Table 1. Summary of available tagging information for 1983.

Species	Country	Areas	No. of tags
Atlantic cod	Canada(N)	3K, 3L	10,842
	Canada(Q)	4R, 4S	9,995
	Denmark(G)	1D, ICES XIV	1,435
Greenland cod	Denmark(G)	1A, 1D	9
Haddock	Canada(M)	4X	3,547
Pollock	Canada(M)	4W, 4X	10,055
Greenland halibut	Denmark(G)	1A	9
Atlantic herring	Canada(M)	4Vn	112
	USA(Maine)	4X, 5Y	15,013
Spotted wolffish	Denmark(G)	1A, 1D	3
American shad	Canada(M)	4X	2,512
Atlantic salmon	Canada(M)	4X	97
	Canada(Q)	4S	14
Atlantic sturgeon	Canada(M)	4X	1
American lobster	Canada(M)	4X	6,314
	USA(Maine)	5Y	2,068
Queen crab	Canada(M)	4V	1,288
Sea scallop	Canada(M)	4T	1,083

Table 2. List of tagging activities reported to the Secretariat for 1983

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)	3L	North Grand Bank	May 19-20	Petersen discs Yellow T-bar Orange T-bar	L08000-L08349 H13001-H13350 J13001-J13350	350 349 348
		3L	NE Grand Bank	Mar 19-22	Double dangler Petersen disc Yellow T-bar Orange T-bar	82.0850-82.1349 L06500-L06999 H011001-H011500 J11001-J11500	489 500 499 496
		3K	N Funk Island Bank	Mar 23-25	Double dangler Petersen disc Yellow T-bar Orange T-bar	82.1350-82.1849 L07000-L07499 H011501-H012000 J11501-J12000	498 500 500 498
		3K	Belle Isle Bank	Mar 25-28	Double dangler Petersen disc Yellow T-bar Orange T-bar	82.1850-82.2499 L07500-L07999 H012001-H013000 J12001-J13000	647 500 999 996
		3K	Horse Islands	Sep 6-15	Double dangler Petersen disc Yellow T-bar Orange T-bar	82.2500-82.2699 L08350-L08542 H13351-H13443 H13451-H13500 J13351-J13400 J13451-J13500	200 191 93 50 50 50
		3K	Bay Verte	Sep 24-25	Petersen disc Yellow T-bar Orange T-bar	L08543-L08549 H13601-H13650 J13587-J13650	7 50 64
		3K	La Scie Harbour	Sep 4-25	Yellow streamers Orange streamers Yellow T-bar " " " " Orange T-bar " " " "	54101-54900 54101-54900 H13444-H13450 H13501-H13600 H13651-H13700 J13401-J13450 J13501-J13586 J13651-J13675	800 800 7 100 50 50 86 25
	Canada (Q)	4R	51°43'N 55°35'W	Sep 6-7	FD68B orange anchor	QA00001-QA02090	2086
			51°17'N 56°50'W	Sep 7-8	" " "	QA02091-QA03396	1303
			50°52'N 57°25'W	Sep 8-10	" " "	QA03397-QA03450	1236
			49°40'N 58°16'W	Sep 9-10	" " "	QA03756-QA04936 QA03451-QA03755 QA04937-QA05192	560
			49°00'N 59°00'W	Sep 11-13	FD68B orange anchor	QA05194-QA06233	1032
		4S	51°11'N 58°18'W	Jul 11-13	Red dangler, 45 mm	M00026-M02000	1921
			50°36'N 59°10'W	Jul 14-18	" " 25 mm " " 25 mm " " 25 mm	02017-02024 2000-2999 20051-21350	7 899 951
	Denmark (G)	1D	64°22'N 51°33'W	Jul 27	Yellow T-bar	012019-012024 013125-013271	153
			64°25'N 51°25'W	Sep 19	" "	013278-013296 013298-013299	
			64°35'N 51°11'W	Sep 20	Yellow T-bar	010003, 010025, 010028, 010065, 010068, 010071, 010080, 010090-010091 010130-010132 010134-010137 010139-010140 010142-010149 012020-012022 012023-012049	34 20
			64°15'N 51°42'W	Sep 21	Yellow T-bar	013126, 013137, 013156, 013170, 013184, 013200, 013219, 013227, 013246	36
			63°16'N 51°28'W	Oct 1	Petersen disc	52492-52499	8
			63°19'N 51°46'W	Oct 21	" "	52500-52522	23
			63°42'N 52°22'W	Oct 22	" "	52524-52649	126
		ICES XIV	65°55'N 37°05'W (East Greenland)	Sep 2-9	Yellow T-bar	16000-16158 16160-16219 16221-16699 16701-16977 16990-16999	1035
	Greenland cod (<i>Gadus ogace</i>)	1D	64°25'N 51°25'W	Sep 19	Yellow T-bar	010097, 013297	2
			64°35'N 51°11'W	Sep 20	" "	010130, 010133	2
		1A	71°07'N 51°23'W	Sep 14-18	Petersen disc	52477-52478 52489-52491	5

Table 2. (continued)

Species	Country	Div.	Location or position		Dates	Types of tags used	Range of Serial Numbers	No. of Tags
Haddock (<i>Melanogrammus aeglefinus</i>)	Canada (M)	4X	42°50'N	65°55'W	Mar 31-Apr 6	Yellow spaghetti T-bar	C42322-C42618	297
			43°03'N	64°06'W	" "	" " "	C42619-C42918	300
			42°50'N	64°57'W	" "	" " "	C42919-C45869	2950
Pollock (<i>Pollachius virens</i>)	Canada (M)	4W	45°21'N	62°11'W	May 27-Jun 2	Yellow spaghetti T-bar	C045870-C051000	5131
		4X	44°57'N	66°58'W	May 30	Yellow spaghetti T-bar	C051001-C051800	800
			44°57'N	66°57'W	May 31-Jun 1	" " "	C051801-C054000	2197
			44°39'N	66°50'W	Jun 3	Yellow spaghetti T-bar	(3 tags not used) C054001-C055956 (29 tags not used)	1927
Greenland halibut (<i>Reinhardtius hippoglossoides</i>)	Denmark (G)	1A	71°07'N	51°23'W	Sep 14-18	Petersen disc	52479-52487	9
Spotted wolffish (<i>Anarhichas minor</i>)	Denmark (G)	1A	71°07'N	51°23'W	Sep 14-18	Petersen disc	52476, 52488	2
		1D	63°19'N	51°46'W	Oct 21	Petersen disc	52523	1
Atlantic herring (<i>Clupea harengus</i>)	Canada (M)	4Vn	46°06'N	60°45'W	Apr 19	Orange spaghetti T-bar	M32051-M32162	112
	USA (Maine)	4X	Bocabec Bay, N.B.		Sep 23	Yellow spaghetti T-bar	68C-120C	5300
		5Y	Seal Island		Jul 12	Yellow spaghetti T-bar	180676-181275	591
			Monhegan Island		Aug 4	" " "	181276-181475	199
			Little Kennebec Bay, Machiasport		Aug 25	" " "	51C-60C	1000
			Isle au Haut Christmas Cove, Southport Is.		Sep 30 Oct 24	" " " " " "	121C-170C 171C-200C	4965 2958
Atlantic salmon (<i>Salmo salar</i>)	Canada (Q)	4S	N Gulf of St. Lawrence		September	Yellow spaghetti T-bar	79001-79014	14
	Canada (M)	4X	Minas Basin		May 10-Aug 15	Floy FT Dart	MD12731, MD12777, MD12807, MD12846, MD12861, MD12863, MD12878, MD12996, MD13000, MD17471, MD17483, MD17989, MD18082, MD18105, MD18108, MD18137, MD18139, MD18198, MD18320, MD18324, MD18391, MD18393, MD18395, MD18471, MD18487, MD18492, MD18495, MD18510, MD18511, MD18564, MD18571	31
			Magaguadavic River, St. George, N.B.		Sep 7-Oct 19	Floy FT Dart	MD11903-MD12000 (less 32 tags not used)	66
Shad (<i>Alosa sapidissima</i>)	Canada (M)	4X	Minas Basin		May 10-Aug 15	Floy FT Dart	MD12501-MD12999 MD14247-MD14900 MD16864-MD16900 MD16988-MD18600 (less 291 tags not used)	2512
Atlantic sturgeon (<i>Acipenser oxyrinchus</i>)	Canada (M)	4X	Minas Basin		May 10-Aug 15	Floy FT Dart	MD18070	1
American lobster (<i>Homarus americanus</i>)	Canada (M)	4X	Grand Manan, N.B.		Jan-Aug	Yellow sphyron anchor tag	046239-046698 046751-046822 (22 missing)	510
			Wedgeport, N.S.		Jul-Aug	Yellow sphyron anchor tag	057001-059000 (25 missing)	1975
			Port Maitland, N.S.		Nov 2-5	Yellow sphyron anchor tag	059001 to 060000 (22 missing)	978
			Shelburne N.S. 43°30'N 65°12'W		Jun 30-Jul 5	Yellow sphyron anchor tag	55001-55058	57
			SW Browns Bank (42°40'N 66°30'W)		Apr 28-Jun 21	Yellow sphyron anchor tag	032801-032824 054001-054792	813
					Aug 19-24	" " " "	054793-054826	33
					Nov 19-24	" " " "	062001-062700	700
			SE Browns Bank (42°15'N 65°30'W)		Apr 27-Jul 24	Yellow sphyron anchor tag	047001-047243 047301-047350 056001-057000	1248

Table 2. (continued)

Species	Country	Div.	Location or position	Dates	Types of tags used	Range of Serial Numbers	No. of Tags
American lobster (<i>Homarus americanus</i>)	USA (Maine)	5Y	Boothbay Harbor	Oct 11-Nov 2	Rock lobster Red sphyron Red cinch-up	0601-1175 1801-2350 3573-4600	1023
			Stonington area	Oct 11-Nov 2	Rock lobster Red sphyron Red cinch-up	0001-0600 1201-1781 2401-3572	1045
Queen crab (<i>Chionoecetes opilio</i>)	Canada (M)	4V	45°43'N 59°55'W to 45°30'N 59°52'W	Jun 14-16	Orange spaghetti T-bar	30782-31450 31501-32125 (less 6 tags)	1288
Sea scallop (<i>Placopecten magellanicus</i>)	Canada (M)	4T	Nepisquit Bay (Baie des Chaleurs)	Sep 14-15	Petersen disc	GS.0000-GS.0634	634
				Oct 20-21	Petersen disc	GS.1450-GS.1499 GS.1601-GS.1999	50 399

Table 3. Additional information on tagging activities in 1981 and 1982.

Species	Country	Div.	Location or position	Dates	Types of tags used	Range of Serial Numbers	No. of Tags
Atlantic herring (<i>Clupea harengus</i>)	USA (Maine)	5Y	44°24'N 68°00'W	Jun 2/81	Yellow spaghetti T-bar	12001-122700	2698
			44°22'N 68°05'W	Jun 17/81	" " "	122701-126000	3298
			43°43'N 70°00'W	Jun 23/81	" " "	126001-127000	1000
			44°30'N 67°43'W	Jun 25/81	" " "	127001-128750	1782
						128951-129000	
			44°05'N 69°03'W	Jul 6/81	" " "	129001-131700	2698
			43°58'N 69°10'W	Jul 8/81	" " "	131701-135000	3295
			43°43'N 70°01'W	Jul 10/81	" " "	135001-139000	3999
			45°01'N 67°04'W	Jul 22/81	" " "	139001-144000	4949
			44°04'N 69°04'W	Jul 27/81	" " "	144001-147400	3398
			44°46'N 67°01'W	Aug 5/81	" " "	147401-151000	4698
						152001-153100	
			44°07'N 68°50'W	Aug 11/81	" " "	151001-152000	3900
						153001-156000	
			44°26'N 67°52'W	Aug 19/81	" " "	156001-160000	3999
			43°51'N 69°33'W	Aug 25/81	" " "	160001-164000	3996
		4X	45°01'N 67°04'W	Sep 1/81	" " "	170001-171000	1000
		5Y	44°39'N 67°11'W	Sep 15/81	" " "	164001-167650	3650
		5Y	43°51'N 69°38'W	Jun 21/82	Yellow spaghetti T-bar	171001-174000	2992
			44°38'N 67°26'W	Jun 25/82	" " "	1C-20C	2000
			44°26'N 67°58'W	Aug 19/82	" " "	31C-40C	990
		4X	45°05'N 67°06'W	Sep 1/82	" " "	22C-30C, 41C-50C	1875
		5Y	44°47'N 67°00'W	Sep 8/82	" " "	174001-176000	2000
		4X	45°01'N 67°04'W	Oct 18/82	" " "	176001-180675	4635

