

Northwest Atlantic



Fisheries Organization

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Tagging Activities Reported for the Northwest Atlantic in 1988

Compiled by

NAFO Secretariat

1. Tagging Activities in 1988

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 and 88/7 respectively.

Information received at the Secretariat regarding tagging carried out during 1988 were circulated during 1988 and early 1989 in NAFO Circular Letters 88/23, 88/29, 88/33, 88/44, 88/46, 88/59, 88/70, 89/28 and 89/31. 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 1988 by species, country and division is given in Table 1, and details of 1988 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 1988 are as follows:

- | | | |
|---------------------------|---|---|
| CANADA (M) (Scotia-Fundy) | - | Department of Fisheries and Oceans
Biological Sciences Branch
P. O. Box 1006
Dartmouth, Nova Scotia
Canada B2Y 4A2 |
| | - | Department of Fisheries and Oceans
Benthic & Aquaculture Division
P. O. Box 550
Halifax, Nova Scotia
Canada B3J 2S7 |
| (Gulf Region) | - | 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 |

Table 1. Summary of available tagging information for 1988.

Species	Country	Div.	No. of tags
Atlantic cod (<i>Gadus morhua</i>)	Canada (N) Canada (M)	3K, 3L, 3Ps 4T	9,458 2
Haddock (<i>Melanogrammus aeglefinus</i>)	Canada (M)	4W	10,700
Atlantic salmon (<i>Salmo salar</i>)	Canada (M)	4R, 4T	12,888
American plaice (<i>Hippoglossoides platessoides</i>)	Canada (M)	4T	12
Yellowtail flounder (<i>Limanda ferrugina</i>)	Canada (M)	4T	5
White hake (<i>Urophycis tenuis</i>)	Canada (M)	4T	206
Winter skate (<i>Raja ocellata</i>)	Canada (M)	4T	38
Thorny skate (<i>Raja radiata</i>)	Canada (M)	4T	5
Winter flounder (<i>Pseudopleuronectes americanus</i>)	Canada (M)	4T	186
Common lumpfish (<i>Cyclopterus lumpus</i>)	Canada (N)	3Ps	833
American lobster (<i>Homarus americanus</i>)	Canada (M)	4T, 4W, 4X, 5Z	8,861
Snow crab (<i>Chionoectes opilio</i>)	Canada (M)	4T	1,793

Table 2. 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
Atlantic Cod (<i>Gadus morhua</i>)	Canada (N)	3K	N.E. Funk Island Bank	Feb 17-19	Peterson Disc Yellow T-bar Orange T-bar	L17350-L18399 H021901-H022375 J021826-J022300	1050 475 475
			S.E. Arm, Trinity Bay	Mar 27-28	Peterson Disc Yellow T-bar Orange T-bar	L18400-L18499 H022376-H022675 J022301-J022592	100 300 292
			Woolfall Bank	Apr 5-6	Peterson Disc Orange T-bar Yellow T-bar	L18500-L18999 J022593-J022850 H022676-H022925	498 258 250
			Virgin Rocks	Jun 6-7	Peterson Disc Yellow T-bar Orange T-bar	L19000-L19349 L19800-L19849 L19900-L19999 H22926-H23175 J22851-J23100	500 250 250
			Off St. John's	Jun 8-9	Peterson Disc Yellow T-bar Orange T-bar	L19350-L19799 L19850-L19899 H23176-H23425 J23101-J23350	500 250 250
		3K	Gray Islands Shelf	Jun 13	Peterson Disc Yellow T-bar Orange T-bar	L20000-L20749 H23426-H23800 J23351-J23725	748 375 372
			Off Cape Freels	Jun 16-17	Peterson Disc Yellow T-bar Orange T-bar	L20750-L21299 H23801-H24000 J23726-J24000	550 199 275
		3Ps	Danzic Point, P. Bay	Aug 14-Sep 15	Peterson Disc Yellow T-bar Orange T-bar	L21300-L21399 L21450-L21478 L21610-L21798 L21850-L21899 H29001-H29050 H29061-H29075 H29151-H29225 H29267-H29282 J29001-J29075 J29151-J29225 J29251-J29275	367 156 175
			Brunette Island	Aug 25-Sep 16	Peterson Disc Yellow T-bar Orange T-bar	L21400-L21449 L21482-L21499 L21550-L21609 L21799-L21849 L21900-L21941 H29051-H29060 H29076-H29100 H29116-H29150 H29226-H29266 J29076-J29077 J29101-J29150 J29226-J29250 J29289-J29300	221 111 89
				Aug 29-Sep 15	Peterson Disc Yellow T-bar Orange T-bar	L21479-L21481 L21500-L21549 H29101-H29115 H29283-H29300 J29078-J29100 J29276-J29288	53 33 36
	Canada (M)	4T	46°21'N 62°05'W	Sep 24	Floy spaghetti	G000658-G000659	2
Haddock (<i>Melanogrammus aeglefinus</i>)	Canada (M)	4W	Western Bank 43°45'N 61°35'W	May 5-12	Yellow T-bar	Z10301-Z21000	10700
Atlantic salmon (<i>Salmo salar</i>)	Canada (M)	4R	Nfld Western Arm Brook	Jun	Carlin	Z246000-Z247006 Z245000-Z245347	1007 348
		4T	NS Margaree River	Sep-Oct	Carlin	Z223138-Z223299 Z223400-Z223581	342
(1SW & MSW)			Miramichi R. Millbank	May-Oct	Small blue carlin	Z221031-Z221099 Z212000-Z212992 Z213000-Z213396 Z213400-Z213425 Z221239-Z221299	49 988 396 26 59
(Smolt)			Bartholomew River (Miramichi System)	May	Small blue carlin	Z221300-Z221821	513
			Margaree River	May 9	Microtag	Agency 55 code 16/12	4116
			Miramichi River	May 15-30	Microtag	Agency 55 code 16/11	5044

Table 2. Continued.

Species	Country	Div.	Location or position	Dates	Types of tags used	Range of Serial Numbers	No. of tags
American plaice (<i>Hippoglossoides platessoides</i>)	Canada (M)	4T	46°20'N 62°06'W	Sep 24	Floy spaghetti	G000736-G000747	12
Yellowtail flounder (<i>Limanda ferruginea</i>)	Canada (M)	4T	46°09'N 62°26'W	Sep 22	Floy spaghetti	G000539	1
			46°21'N 62°05'W	Sep 24	Floy spaghetti	G000668, G000662	2
			46°20'N 62°06'W	Sep 24	Floy spaghetti	G000792-G000793	2
White hake (<i>Urophycis tenuis</i>)	Canada (M)	4T	46°09'N 62°26'W	Sep 22	Floy spaghetti	G000501-G000532	32
			46°20'N 62°12'W	Sep 24	Floy spaghetti	G000540-G000550 G000569-G000571 G000574-G000575 G000562-G000566	18
			46°21'N 62°05'W	Sep 24	Floy spaghetti	G000601-G000633 G000635-G000652	51
			46°20'N 62°06'W	Sep 24	Floy spaghetti	G000713-G000735 G000525, G000796- G000799, G000876- G000888	22 18
			46°18'N 62°18'W	Sep 24	Floy spaghetti	G000976-G000996 G000850, G000910- G000914, G000927- G000949	20 30
			46°17'N 62°19'W	Sep 24	Floy spaghetti	G000051-G000057 G000969-G000974	13
Winter skate (<i>Raja ocellata</i>)	Canada (M)	4T	46°09'N 62°26'W	Sep 22	Floy spaghetti	G000533-G000538	6
			46°17'N 62°19'W	Sep 24	Floy spaghetti	G000915-G000918	4
			46°20'N 62°12'W	Sep 24	Floy spaghetti	G000561, G000563- G000565, G000567- G000568, G000572- G000573	8
			46°18'N 62°18'W	Sep 24	Floy spaghetti	G000792-G000793 G000901-G000909	7 9
			46°17'N 62°19'W	Sep 24	Floy spaghetti	G000915-G000918	4
Thorny skate (<i>Raja radiata</i>)	Canada (M)	4T	46°21'N 62°05'W	Sep 24	Floy spaghetti	G000657	1
			46°20'N 62°06'W	Sep 24	Floy spaghetti	G000889-G000892	4
Winter flounder (<i>Pseudopleuronectes americanus</i>)	Canada (M)	4T	46°21'N 62°05'W	Sep 24	Floy spaghetti	G000660-G000661, G000663-G000667	7
			46°20'N 62°12'W	Sep 24	Floy spaghetti	G000551-G000560, G000576-G000600	35
			46°20'N 62°06'W	Sep 24	Floy spaghetti	G000776-G000791, G000794-G000795, G000730-G000731, G000748-G000750 G000851-G000875	22 25
			46°18'N 62°18'W	Sep 24	Floy spaghetti	G000801-G000849 G000951-G000967, G000997-G001000	50 21
			46°17'N 62°19'W	Sep 24	Floy spaghetti	G000919, G000925, G000026-G000049	26
Common Lumpfish (<i>Cyclopterus lumpus</i>)	Canada (N)	3Ps	Red Harbour, P. Bay	May 16-18 Jun 30	Yellow T-bar Orange T-bar Yellow T-bar Orange T-bar	H24001-H24350 J24001-J24378 H24351-H24400 J24379-J24433	350 378 50 55
Lobster (<i>Homarus americanus</i>)	Canada (M)	4T	Port Hood, N.S. Margaree, N.S. Pleasant Bay, N.S.	Jul 4-9 Jul 12-16 Jul 19-24	Orange sphyron tag Orange sphyron tag Orange sphyron tag	27001-29000 29001-31000 31001-32075	2000 2000 1075
		4W	44°39'N 63°00'W	Jun 25	Sphyron	55601-55705	105
		4X	44°28'N 63°58'W	Jun 28	Sphyron	55751-55856	102
			44°55'N 63°45'W	Jun 29	Sphyron	55901-56000	100
			43°35'N 65°15'W	Jun 30	Sphyron	88701-88779	79
			43°34'N 65°48'W	Jun 24	Sphyron	55244-55350	105
			44°00'N 66°18'W	Jul 26	Sphyron	88651-88700 88801-88824	74
			43°30'N 64°34'W	Aug 30-Sep 1	Sphyron	02013-02480	465
			43°43'N 65°46'W	Sep 27-29	Sphyron	02501-02638	137
			44°00'N 66°12'W	Nov. 5-9	Sphyron	10001-10962	950
		5Z	41°20'N 66°10'W	May 6-11	Sphyron	88001-88650	639
			42°06'N 66°20'W	May 8-12	Sphyron	89001-89902	902
			41°45'N 67°15'W	Sep 9-13	Sphyron	50851-50982	128
Snow Crab (<i>Chionoecetes opilio</i>)	Canada (M)	4T	Southwestern Gulf	Aug 11-31	Sphyron	01701-01850 04001-04950	150 425
			Zone 18 (Western Cape Breton)	Aug 21-25	Sphyron	00001-00052 00070-00078 05001-06016	51 9 1012
					Carapace metal	M1707-M2198	146