

Northwest Atlantic



Fisheries Organization

Serial No. N1433

NAFO SCS Doc. 88/07

SCIENTIFIC COUNCIL MEETING - JUNE 1988

Tagging Activities Reported for the Northwest Atlantic in 1987

Compiled by

NAFO Secretariat

1. Tagging Activities in 1987

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 1986 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 and 87/8 respectively.

Information received at the Secretariat regarding tagging carried out during 1987 were circulated during 1987 and early 1988 in NAFO Circular Letters 87/21, 87/55, 87/61 and 88/11, 88/15, 88/19, 88/20 and 88/27. 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 1987 by species, country and division is given in Table 1, and details of 1987 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 1987 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
- Department of Fisheries and Oceans  
Biological Science Branch  
Marine Fish Division  
P. O. Box 1006  
Dartmouth, Nova Scotia  
Canada B2Y 4A2
- (Gulf Region) - Department of Fisheries and Oceans  
Science Branch, Gulf Region  
P. O. Box 5000  
Moncton, New Brunswick  
Canada E1C 9B6
- CANADA (N) - Department of Fisheries and Oceans  
Science Branch  
Northwest Atlantic Fisheries Centre  
P. O. Box 5667  
St. John's, Newfoundland  
Canada A1C 5X1
- CANADA (Q) - Department of Fisheries and Oceans  
Maurice-Lamontagne Institute  
850 Route de la Mer  
P. O. Box 1000  
Mont.-Joli., Quebec  
Canada G5H 3Z4

Table 1. Summary of available tagging information for 1987.

Species	Country	Div.	No. of tags
Atlantic cod ( <u>Gadus morhua</u> )	Canada (N)	3K, 3L	6,267
Haddock ( <u>Melanogrammus aeglefinus</u> )	Canada (M)	4V, 4W	3,300
Atlantic salmon ( <u>Salmo salar</u> )	Canada (M) Canada (N)	4T 1F, 2J, 2H, 3K, 3Ps	5,290 16,016
Arctic char ( <u>Salvelinus alpinus</u> )	Canada (N)	2H	579
Speckled trout ( <u>Salmo</u> spp.)	Canada (M)	4T	56
American lobster ( <u>Homarus americanus</u> )	Canada (M)	4X, 4W, 5Ze	6,932
Snow crab ( <u>Chionoectes opilio</u> )	Canada (Q)	4S, 4V, 4W	3,355

Table 2. List of tagging activities reported to the Secretariat for 1987.

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	Northern Funk Island Bank	Feb 11-12	Double dangler Peterson disc Orange T-bar Yellow T-bar	84-4150-84-4549	400	
						L15000-L15399	400	
						J020301-J020675	371	
						H020351-H020750	399	
	"	"	"	North of Funk Island	Jun 20	Peterson disc Yellow T-bar Orange T-bar	L16250-L16849	600
	"	"	"	"	"	"	H021351-H021650	300
	"	"	"	"	"	"	J021276-J021575	300
	"	3L	Northwest of Woolfall Bank	Jun 06	Double dangler Peterson disc Yellow T-bar Orange T-bar	84-4550-84-4799	250	
	L15400-L15649					250		
	"	"	"	"	"	"	H020751-H021000	250
"	"	"	"	"	"	J020676-J020925	249	
"	"	"	East of Cape Bonavista	Jun 13-15	Double dangler Peterson disc Yellow T-bar Orange T-bar	84-4800-84-4999	200	
L15650-L16249						600		
"	"	"	"	"	"	H021001-H021350	350	
"	"	"	"	"	"	J020926-J021275	348	
"	"	"	Northeast of Cape Bonavista	Jun 21-22	Peterson disc Yellow T-bar Orange T-bar	L16850-L17348	500	
H021651-H021900						250		
"	"	"	"	"	"	J021576-J021825	250	
Haddock ( <i>Melanogrammus aeglefinus</i> )	Canada (M)	4V	Gully Cove-Banguereau	Apr 07-09	Yellow T-bar	Z007001-Z008000	1000	
		4W	Western Bank	Apr 10-11	" "	Z008001-Z009150	1150	
		"	Emerald Bank	Apr 12-13	" "	Z009151-Z010300	1150	
Atlantic salmon ( <i>Salmo salar</i> ) (1SW&MSW)	Canada (M)	4T	Rivers flowing to Gulf of St. Lawrence-Miramichi River (Millbank)	Jun-Oct	Small blue carlin	ZZ1800-ZZ19853	1853	
		"	"	"	" " "	ZZ19854-ZZ21238 (1384 tags)	1305 (actual tags released)	
		"	Rivers flowing to Gulf of St. Lawrence-Bartholomew (Miramichi)	"	" " "	ZZ2068-ZZ2883	802	
		"	"	"	" " "	ZZ0639-ZZ0898	259	
		"	Rivers flowing to Gulf of St. Lawrence-Margaree River	May, Jun-Oct	" " "	ZZ23000-ZZ23137 p22500-p22999 p22200-p22299 p23000-p23199 p23300-p23499	1071	
		"	"	"	" " "	"	"	
(adults & post smolts)	Canada (N)	1F,2J 2H	Northwest Atlantic	Sep 29-Oct 08	Maroon carlin	X50010-X50046	35	
(smolts)	"	3K	Exploits river	May 29-Jun 01	Green carlin	p29600-p29699 p29800-p30999 p31200-p31399 p32600-p33199 p33400-p33699 p33800-p34399 p34700-p34799 p35200-p35299 p39100-p39199 p40000-p40185 p40186-p44499 p44550-p45269 p45300-p46699	10220	
(smolts)	"	3Ps	Bay d'Espoir, Newfoundland	Apr-May	Green streamer	5001-9991	4976	
(kelts)	"	"	"	"	Yellow carlin	Y4913-Y4915 Y4931-Y4934 Y4936-Y4941	13	
(parr)	"	"	Conne River, Bay of d'Espoir, Newfoundland	Apr-Sep	Green fingerling	5800-5959, 5976-5999, 7501-7599, 7601-7699, 7701-7768, 7780-7799, 7806-7826	373	

Table 2. (continued)

Species	Country	Div.	Location or position	Dates	Types of tags used	Range of Serial Numbers	No. of tags
Atlantic salmon ( <i>Salmo salar</i> ) (adult)	Canada (N)	3Ps	Bay d'Espoir, Newfoundland	May 21- Jul 08	Brown spaghetti	K584-K1154	399
Arctic char ( <i>Salvelinus alpinus</i> ) (adult)	Canada (N)	2H	Nain Bay, Labrador	May-Jun	Green carlin	L51000-L51031 L51035-L51043	41
			Tikkoatokak, Labrador	"	" "	L51032-L51034 L51300-L51599 L51700-L51749	351
			Webb Bay, Labrador	"	" "	L51600-L51620	21
			Okak Bay, Labrador	"	" "	L51800-L51801	2
			Voisey Bay, Labrador	"	" "	L51802-L51965	164
Speckled trout ( <i>Salmo</i> spp.)	Canada (M)	4T	Rivers flowing to Gulf of St. Lawrence	Jun-Oct	Small blue carlin	ZZ17059-ZZ17087	29
			-Bartholomew (Miramichi)	"	Adipose fin clipped	N/A	27
American lobster ( <i>Homarus americanus</i> )	Canada (M)	4X	42°30'N 66°35'W	Mar	Sphyrion anchor	79001-79994	994
			McNutts Island, NS	Jul 21- Aug 21	" "	00001-17144 (random nos.) 80395-81000 (series) 83001-84000 (series)	1785
			North Head, NB	Aug 11-26	Sphyrion anchor (pink)	1001-2000	997
			Port Maitland	Oct 26-27	Metal carapace tags	3001-4000	1000
			43°00'N 67°10'W	Oct	Sphyrion anchor	78351-78794	444
			4W 44°40'N 63°00'W	Jun	" "	01401-02000	600
American lobster ( <i>Homarus americanus</i> )	Canada (M)	5Ze	42°06'N 66°00'W	May	" "	75776-76000	225
			41°20'W 66°10'W	May	" "	76064-76950	887
Snow crab ( <i>Chionoecetes opilio</i> )	Canada (Q)	4SVW	La Tabiere to Blanc Sablon	Jun 01-12	Injected stainless steel micro tag	N/A	3268
					Spaghetti tag	26502-	87

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(Addendum)

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Additional information:

DENMARK (GREENLAND) - Greenland Fisheries Research Institute  
Tagensvej 135, 1  
DK-2200, Copenhagen N.  
Denmark

Table 1. Summary of available tagging information for 1987.

Species	Country	Division	No. of tags
Greenland halibut ( <u>Reinhardtius hippoglossoides</u> )	Denmark (Greenland)	1A, 1D	1,615

Table 2. List of tagging activities reported to the Secretariat for 1987.

Species	Country	Div.	Location or position	Dates	Types of tags used	Range of Serial Numbers	No. of tags
Greenland halibut ( <u>Reinhardtius hippoglossoides</u> )	Denmark (Greenland)	1A	Umansk	Aug 17-30	Yellow T-bar	Da.4.014192-014199 Da.4.014301-014657	4 233
		"	Jakobshavn Illulissat	Aug 08-15	" "	Da.4.013628-013999 Da.4.014125-014195 Da.4.014200-014300	369 67 99
	1D	Godthåb Fjord	Jan 09-23	" "	Da.4.012300-012499 Da.4.013025-013124 Da.4.020000-020546	198 98 543	