

Northwest Atlantic



Fisheries Organization

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SCIENTIFIC COUNCIL MEETING - JUNE 1982

Tagging Activities Reported for the Northwest Atlantic in 1981

Compiled by

NAFO Secretariat

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 1980 were compiled and presented in ICNAF Sum. Doc. 76/VI/28, 77/VI/19, 78/VI/19, 79/VI/21, NAFO SCS Doc. 80/VI/7 and 81/VI/6, respectively.

Information received at the Secretariat regarding tagging carried out during 1981 were circulated during 1981 and early 1982 in NAFO Circular Letters 81/44, 81/59, 81/62, 81/63, 81/66, 81/70, 81/71, 82/2, 82/3 and 82/4. 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 1981 by species, country and area is given in Table 1, and details of 1981 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 experiments in 1981 are as follows:

- | | |
|------------|---|
| Denmark(G) | - Grønlands Fiskeriundersøgelse
Tagensvej 135, Sal 1.
DK-2200 København N
Denmark |
| Canada(M) | - Dept. of Fisheries and Oceans, Biological Station
St. Andrews, New Brunswick
Canada E0G 2X0 |
| Canada(N) | - Dept. of Fisheries and Oceans, Northwest Atlantic Fisheries Center,
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 |
| USA(Maine) | - Dept. of Maine Resources, Fisheries Research Station
West Boothbay Harbor, Maine 04575
USA |

Table 1. Summary of available tagging information for 1981

Species	Country	Areas	No. of tags
Atlantic cod	Canada(N)	2H, 2J, 3K, 3L	10,553
	Canada(M)	4T, 4V, 4W	10,378
	Denmark(G)	1A, 1C, 1D	1,253
	USA(Maine)	5Y	509
Haddock	USA(Maine)	5Y	4
Pollock	Canada(M)	4W, 4X	8,032
	USA(Maine)	5Y	447
American plaice	USA(Maine)	5Y	83
Witch flounder	USA(Maine)	5Y	4
Yellowtail flounder	USA(Maine)	5Y	117
Winter flounder	USA(Maine)	5Y	18
Greenland cod	Denmark(G)	1A, 1D	114
Greenland halibut	Denmark(G)	1A	9
Wolffish (<i>A. minor</i>)	Denmark(G)	1A	6
Atlantic herring	Canada(M)	4T, 4X	29,103
	Canada(Q)	4T	15,038
Bluefin tuna	Canada(M)	6	9
Atlantic butterfish	USA(Maine)	5Y	1
American shad	Canada(M)	Rivers SA 4	6,590
Striped bass	Canada(M)	Rivers SA 4	6
Scup	USA(Maine)	5Y	1
Short-finned squid	Canada(N)	3K, 3L, 3O, 3P	7,526
Sea scallops	Canada(M)	4T, 4X, 5Z	6,158
	Canada(N)	5Z	1,721
American lobster	Canada(M)	4X	780
Queen crab	Canada(M)	4T	3,075

Table 2. List of 1981 tagging activities reported to the Secretariat by Canada, Denmark and USA.

Species	Country	Div.	Location or position	Dates	Type of tags used	Range of Serial Numbers	No. of tags
Atlantic cod	Canada(N)	2H	56°53'N, 60°04'W	Aug 20	Double dangles	803750-803849	100
		"	"	"	Petersen discs	L04400-L04488	89
		"	"	"	Yellow T-bar	H07001-H07075	74
		"	"	"	Orange T-bar	J07001-J07075	75
		2J	NE Hamilton Bank	Mar 18-22	2" Yellow dangles and yellow Petersen disc	802310-803149	840
		"	"	"	Yellow Petersen disc	L02550-L03399	849
		"	"	"	Orange spaghetti T-bar	J05051-J05850	794
		"	"	"	Yellow spaghetti T-bar	H05076-H05900	822
		"	SE Hamilton Bank	Mar 24-25	2" Yellow dangles and yellow Petersen disc	803150-803249	100
		"	"	"	Yellow Petersen disc	L03400-L03499	100
		"	"	"	Orange spaghetti T-bar	J05851-J05950	100
		"	"	"	Yellow spaghetti T-bar	H05901-H05979	79
		"	54°54'N, 58°02'W	Aug 24	Petersen disc	L04489-L04499	11
		"	"	"	Orange T-bar	J07076-J07089	14
		3K	SW Funk I. Bank	Mar 14-17	2" Yellow dangles and yellow Petersen disc	802000-802309	310
		"	"	"	Yellow Petersen disc	L02250-L02549	299
		"	"	"	Yellow spaghetti T-bar	H04807-H05074	287
		"	"	"	Orange spaghetti T-bar	J04751-J05050	299
		"	"	"	"	H04704-H04724	
		"	NE Funk I. Bank	Mar 25-27	2" Yellow dangles and yellow Petersen disc	803250-803749	499
		"	"	"	Yellow Petersen disc	L03500-L04349	849
		"	"	"	Orange spaghetti T-bar	J05951-J06850	898
		"	"	"	Yellow spaghetti T-bar	H05980-H06875	893
		"	SE Funk I. Bank	Mar 28-29	Yellow Petersen disc	L04350-L04399	50
		"	"	"	Yellow spaghetti T-bar	H06876-H06922	47
		3L	Conception Bay	Jan 22-29	Orange spaghetti T-bar	J04701-J04750	50
		"	"	"	Yellow spaghetti T-bar	H04676-H04702	27
		"	Trinity Bay	Jun 23-Jul 2	Yellow streamer	52175-53066	882
		"	"	"	Orange streamer	52176-53066	889
		"	"	"	Yellow T-bar	H06923-H07000	78
		"	"	"	Orange T-bar	J06851-J07000	149
Canada(M)		4T	46°45'N, 61°15'W	Apr 11-21	T-bar spaghetti	C19001-C22531	3531
		4V	44°46'N, 57°47'W	Apr 28-May 3	T-bar spaghetti	C-22551-C23000	450
		"	"	"	"	V02001-V06000	3998
		4W	43°50'N, 61°05'W	Sep 10-15	T-bar spaghetti	V16001-V18399	2399
Denmark(G)		1A	71°07'N, 51°20'W	Sep 7-14	White Petersen disc	52338-52347, 52393-52395 52398, 52408, 52411, 52438 52414-52419, 52421-52422 52432-52433, 52440, 52442 52455, 52457	31
		1C	65°10'N, 52°18'W	Jun 14-15	Black Petersen disc	11288-11550, 11651	264
		1D	64°38'N, 50°29'W	May 26	Yellow spagh. T-bar	5118-5317	200
		"	64°16'N, 50°50'W	"	"	5318-5525	208
		"	64°19'N, 51°12'W	Jun 9	Yellow spagh. T-bar	02901-03000	100
		"	64°02'N, 51°23'W	Jun 25	Black Petersen disc	11551-11624	74
		"	64°02'N, 51°13'W	Sep 10-13	Black Petersen disc	11625-11633	9
		"	64°20'N, 51°35'W	Sep 11	"	11634-11700	68
		"	64°02'N, 51°40'W	Sep 13	"	11701-11726	26
		"	63°53'N, 51°21'W	Sep 15	"	11861-11912	51
		"	64°20'N, 51°30'W	Sep 18-19	"	11727-11860	134
		"	64°02'N, 51°42'W	Sep 21	"	11913-11935	23
		"	63°52'N, 51°28'W	Sep 28	"	11936-12000	65
USA(Maine)		5Y	Sheepscot Bay, Me.	May 1-Jun 18	Yellow spagh. T-bar	55516-55953, 56171, 56176	419
		"	"	Jun 24-29	"	55956-55976, 55979-55994 55999-56000, 56181-56198 56200 -56209	64
		"	"	Jul 9-24	"	56211, 56218-56219, 56221 56226, 56237-56240, 56317 56244-56248, 56251-56252 56319-56320, 56323, 56331 56325-56329	26
Haddock	USA(Maine)	5Y	Sheepscot Bay	May 5	Yellow spagh. T-bar	55569	1
		"	"	Jul 17-24	"	56237, 56250, 56318	3

Table 2. (cont'd)

Species	Country	Div.	Location or position	Dates	Type of tags used	Range of Serial Numbers	No. of tags
Pollock	Canada (M)	4W	45°21'N, 61°11'W	May 21-26	T-bar spaghetti	P019189-P020999 P021293-P021499 P029000-P029999	3013
		4X	44°23'N, 66°13'W	Aug 22	T-bar spaghetti	V31001-V31300	300
		"	45°04'N, 66°44'W	Oct 7	" "	C23001-C23800	800
		"	43°27'N, 65°39'W	Oct 22-28	" "	C23801-C24000 V06654-V07000 V07601-V07950 V08001-V10000 V12558-V13000 V13304-V13350 V13363-V13900	3919
		USA (Maine)	Sheepscot Bay	Jun 12	Yellow spagh. T-bar	55954, 56160	2
		"	" "	Jul 15-23	" " "	56220, 56254-56297	45
		"	East Boothbay	Jun-Oct	" " "	80501-80900	400
American plaice	USA (Maine)	5Y	Sheepscot Bay	May 1-Jun 29	Yellow spagh. T-bar	55995-55996, 56001-56005 56013-56016, 56022-56023 56028-56033, 56037-56040 56052-56081, 56086-56087 56090-56092, 56095-56098 56101-56106, 56111-56118 56125-56127, 56131-56146 56152, 56199, 56227-56228 56241, 56243, 56315	83
Witch flounder	USA (Maine)	5Y	Sheepscot Bay	May 8-Jun 11	Yellow spagh. T-bar	56027, 56041, 56054, 56156	4
Yellowtail flounder	USA (Maine)	5Y	Sheepscot Bay	May 1-27	Yellow spagh. T-bar	56006-56008, 56012, 56042 56017-56019, 56024, 56025 56034-56036, 56045-56051 56056, 56067, 56071, 56093 56084-56085, 56088, 56089 56097, 56099-56100, 56103 56107-56110, 56113	37
		"	" "	Jun 1-29	Yellow spagh. T-bar	56119-56123, 56128, 56130 56135-56144, 56147-56151 56154-56155, 56157-56159 56163-56170, 56172-56175 56177-56180, 55998, 56210 56211-56217, 56229-56236 56222, 56249, 56298-56304 56306, 56313, 56332-56334	45
		"	" "	Jul 9-30	Yellow spagh. T-bar		35
Winter flounder	USA (Maine)	5Y	Sheepscot Bay	May 5-Jul 28	Yellow spagh T-bar	55978, 56009-56011, 56116 56020-56021, 56082-56083 56132, 56162, 56223-56225 56242, 56305, 56316, 56324	18
Greenland cod	Denmark (G)	1A	71°08'N, 51°23'W	Sep 7-14	White Petersen disc	52348-52350, 52358-52392 52396, 52399-52405, 52420 52409-52410, 52412-52413 52423-52431, 52434-52437 52439, 52441, 52443-52447 52452-52454, 52456, 52469 52458-52467	86
		1D	64°31'N, 50°34'W	Mar 11	White Petersen disc	52311-52323	13
			64°39'N, 50°40'W	Mar 12	" " "	52324-52337	14
			63°53'N, 51°21'W	Sep 15	Black Petersen disc	11908	1
Greenland halibut	Denmark (G)	1A	71°08'N, 51°23'W	Sep 7-14	White Petersen disc	52351-52356, 52468 52406-52407	9
Wolffish (<i>A. minor</i>)	Denmark (G)	1A	71°08'N, 51°23'W	Sep 7-14	White Petersen disc	52448-52451 52357, 52397	6
Atlantic herring	Canada (M)	4T	46°21'N, 62°15'W	Oct 29-31	T-bar spaghetti	236900-241999 332250-337500	10298
		4X	45°10'N, 64°57'W	Jul 24	T-bar spaghetti	313500-313999 317000-325999 236865-236899 236947-236949 241450-241499 314000-316999 326000-332249	9515
		"	45°11'N, 67°09'W	Sep 15-16	T-bar spaghetti		9290

Table 2. (cont'd)

Species	Country	Div.	Location or position	Dates	Type of tags used	Range of Serial Number	No. of tags
Atlantic herring (Continued)	Canada(Q)	4T	48°00'N, 65°14'W	Oct 27	Anchor FD68C	40000-47000	7000
		"	48°24'N, 64°26'W	Oct 28	Anchor FD68C	47001-48025	1025
		"	"	"	Streamer FTSL73	J7813-J8800	988
		"	47°53'N, 65°27'W	Oct 29	Anchor FD68C	48026-51000	2975
		"	"	"	Streamer FTSL73	J8801-J9100	300
		"	48°48'N, 64°12'W	Oct 30	Anchor FD68C	53001-54000	1100
			48°49'N, 64°11'W	Nov 1	Anchor FD68C	54276-54375	1650
						54001-54275	
						54376-55750	
Bluefin tuna	Canada(M)	6	36°46'N, 75°16'W	Jun 21	WHOI-H	B05801-B05818 (double-tagged)	9
Atlantic butterfish	USA(Maine)	5Y	Sheepscot Bay	Jul 23	Yellow spagh. T-bar	56314	1
American shad	Canada(M)		Annapolis R, NS	Apr 22-May 27	Spaghetti FT-1	00181-01000	608
			Miramichi R, NB Saint John R, NB Cumberland Basin Upper Bay of Fundy	May 25-Jun 11	" "	MD3001-MD5000	2000
				Aug 25-Oct 29	" "	MD5001-MD5414	414
				Jun 3-Oct 2	" "	MD9701-MD1000	300
				"	" "	MD2093-MD3000	908
Striped bass	Canada(M)		Annapolis R, NS	May 20	Spaghetti FT-1	MD4718,MD4720	6
						MD4778,MD4779 MD4783,MD4785	
Scup	USA(Maine)	5Y	Sheepscot Bay	Jun 1	Yellow spagh. T-bar	56124	1
Short-finned squid <i>Illex</i>	Canada(N)	3K	Twillingate, Nfld	Aug 6-12	Yellow anchor	5B20001-5B20454(less 20) 5B21001-5B22801(less 36)	2195
		3L	Holyrood, Nfld	Aug 26-Sep 1	Yellow anchor	5B27001-5B28464	1445
		30	44°52'N, 53°56'W	Jun 11	Spaghetti	SA1406-SA1426	21
			44°55'N, 54°22'W	Jun 17	"	SA1401-SA1405	5
			43°16'N, 51°12'W	Jun 21	"	SA1433-SA1480	48
		3P	Mortier Bay, Nfld	Sep 1	Yellow anchor	SA1501-SA2000	500
			Placentia Bay, Nfld	Sep 2-5	"	SA2001-SA5000(less 9)	2992
			Hermitage Bay, Nfld	Sep 25	"	SA5001-SA5324	320
		4T	45°51'N, 62°27'W to 45°59'N, 62°46'W	Jun 9-15	3" spaghetti (wire)	S13203-S13295(less 39) S13300-S13399(less 62) S17313-S17361 S17963-S18021 S18213-S18298(less 53) S18414-S18463(less 9) S21817-S21891(less 25) S24902-S24999	413
						S18034-S18283(less 179) S00851-S00872(less 7)	
			46°35'N, 64°22'W	Jun 6	" " "	S24832-S24901(less 20) S22691-S22769(less 29) S23275-S23325(less 1)	85
			46°11'N, 63°45'W	Jul 10-13	" " "	S21300-S21399(less 50) S21450-S21699(less 76) S21850-S21899(less 38) S22200-S22399(less 103) S22450-S22550 S22600-S22699(less 64) S18437, S22713 S22850-S24499(less 781) S24602-S24561 S24700-S24799(less 50)	150
			44°49'N, 65°44'W to 44°33'N, 66°07'W	Jun 17-24	3" spaghetti (wire)	S1850-S1999(less 82) S17713-S17762 S19322-S19371 S19650-S19724(less 28) S13740-S13782(less 16) S04900-S04999(less 2)	1509
			"	Aug 4	3" spaghetti (T-bar)		68
			43°15'N, 66°43'W		3" spaghetti (wire)		147
			"	Aug 6	3" spaghetti (wire)		27
			42°25'N, 65°38'W		3" spaghetti (T-bar)		98

Table 2. (cont'd)

Species	Country	Div.	Location or position	Dates	Type of tags used	Range of Serial Numbers	No. of tags
Sea scallops (Continued)	Canada(M) (Continued)	"	43°42'N, 66°40'W to 43°59'N, 66°40'W	Aug 2-8	3" spaghetti (wire)	S13150-S13202(less 3) S17000-S17061(less 12) S17363-S17499(less 52) S17563-S17712(less 52) S17863-S17912 S18263-S18362 S18765-S18799(less 1) S19050-S19149(less 51) S00102-S00250(less 12) S00451-S00497(less 29) S4451-S4498 S4551-S4900(less 34)	516
		"	"	"	3" spaghetti (T-bar)		519
		"	Browns Bank	Oct 16-31	Sphyrion anchor	L30951-L30984(less 3)	31
		5Z	41°51'N, 66°12'W to 42°01'N, 66°44'W	Jul 29-30	3" spaghetti (wire)	S13630-S13683(less 2) S13807-S16856(less 2) S17459-S17562(less 6) S18016-S18411(less 296) S18614-S18664 S18715-S18764 S19170-S19219 S19713-S19766(less 2) S04001-S04450(less 38) S13301-S13453(less 8) S13531-S13629 S13684-S13733 S16701-S16753 S16860-S17111(less 49) S17163-S17262 S17613-S17862 S18113-S18162 S18464-S18714(less 51) S18800-S18899(less 66) S19901-S20000 S23987-S24035 S24100-S24199(less 50) S24248-S24399(less 50) S24450-S24601(less 2) S24652-S24704(less 3) S00001-S00100(less 5) S00250-S00550(less 99) S00650-S01000(less 83) S02001-S02999(less 41) S03501-S03700(less 2)	499
		"	"	"	3" spaghetti (T-bar)		412
		"	41°50'N, 65°30'W to 42°10'N, 67°30'W	Aug 13-17	3" spaghetti (wire)		1684
		Canada(N)	5Z 41°50'N, 65°30'W to 42°10'N, 67°30'W	Aug 13-17	3" spaghetti (T-bar)		
		"	"	"	3" spaghetti (T-bar)		1721
		"	"	"	"		
		"	"	"	"		
American lobster	Canada(M)	4X	Browns Bank	Jun 2-9	Sphyrion anchor	L30001-L30148, L31000	122
		"	"	Jul 24-31	"	L31662-L31934(less 9)	264
		"	"	Aug-Sep	"	L30153-L30300	108
		"	"	Oct 16-31	"	L31935-L32000(less 6)	
		"	"	"	"	L33751-L34000(less 24)	286
Queen crab	Canada(M)	4T	10 miles NW of Pleasant Bay, Cape Breton	Jun 3-5	Sphyrion anchor (orange)	25001-28075	3075