

International Commission for



the Northwest Atlantic Fisheries

Serial No. 5435

ICNAF Sum. Doc. 79/VI/21

ANNUAL MEETING - JUNE 1979

Tagging Activities Reported by Member Countries for 1978

Compiled by

ICNAF Secretariat

At the 1974 Annual Meeting, STACRES recommended that member countries 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 in a summary document. Tagging information provided for 1975, 1976 and 1977 was compiled and presented in Sum. Doc. 76/VI/28, 77/VI/19 and 78/VI/19 respectively.

Information received at the Secretariat regarding tagging carried out during 1978 was circulated to member countries during 1978 and early 1979 in Circular Letters 78/41, 78/42, 78/46, 78/60, 78/72, 78/78, 79/3, 79/5, 79/6, 79/13 and 79/20. 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, and the last five circular letters requested that all reports for 1978 should reach the Secretariat by 31 March 1979.

Details of 1978 tagging by species, country, area, dates, types of tags used and serial numbers of tags are listed on the appended pages. 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. In the case of salmon, tagging dates were not generally reported nor were the numbers of released fish given; consequently the indicated numbers of tagged salmon in the last column of the tables were determined by the ranges of serial numbers.

The various institutes, which reported tagging experiments in 1978, are identified by the country and by a number in parentheses which corresponds to the number given with the addresses of the institutes below:

- | | |
|---------|--|
| Denmark | (1) Grønlands Fiskeriundersøgelse, Jaegersborg, Alle 1B, 2920 Charlottenlund, Denmark. |
| Canada | (2) Fisheries and Marine Service, Biological Station, St. Andrews, New Brunswick.
(3) Newfoundland Environment Center, P. O. Box 5667, St. John's, Newfoundland.
(4) Fisheries and Marine Service, P. O. Box 550, Halifax, Nova Scotia.
(5) Fisheries and Marine Service, P. O. Box 15500, Quebec, P. Q.
(6) North American Salmon Research Centre, P. O. Box 488, St. Andrews, New Brunswick.
(7) Department of Tourism, P. O. Box 798, Gaspé, Quebec. |
| USA | (8) National Marine Fisheries Service, Woods Hole, Massachusetts 02543.
(9) Maine Department of Marine Resources, Fisheries Research Station, West Boothbay Harbour, Maine 04575.
(10) US Department of Interior, Conn. River Program, P. O. Box 455, Amherst, Mass.
(11) US Department of Interior, Merrimack River Program, Newtons Corner, Mass.
(12) Atlantic Sea Run Salmon Commission, 34 Idaho Ave., Bangor, Maine 04401. |

(over)

* Executive Secretary, ICNAF, P. O. Box 638, Dartmouth, Nova Scotia, Canada B2Y 3Y9

The following is a summary of the available tagging information reported:

Species	Country	ICNAF Subarea
Cod	Denmark(G) Canada USA	1A, 1D 2J, 3K, 3L, 4W 5Y
Greenland cod	Denmark(G)	1A
Haddock	Canada USA	4W 5Y
Atlantic halibut	USA	5Y
Greenland halibut	Denmark(G)	1A
Red hake	USA	5Y
Pollock	Canada USA	4W 5Y
Yellowtail flounder	USA	5Y
Winter flounder	USA	5Y
Scup	USA	5Y
Spotted wolffish	Denmark(G)	1A
White hake	USA	5Y
Herring	Canada USA	4T, 4Vn, 4W, 4X 5Y
Mackerel	USA	5Y
Butterfish	USA	5Y
Bluefin tuna	Canada	4W, 4X
Salmon	Canada USA	
Squid (<i>Illex</i>)	Canada	3L
Sea scallops	Canada	4T, 4X, 5Ze
Lobster	Canada	4X

Species	Country	ICNAF Div.	Location or Position	Date	Type of Tag	Range of Serial Numbers	Number of Releases
Atlantic cod (<i>Gadus morhua</i>)	Denmark (1)	1A	71°07'N 51°19'W 71°05'N 51°26'W	Oct 8 Oct 15	White Petersen Tag "	55859 58922-58925 58927-58928 58931	1 4 2 1
			64°22'N 51°25'W	Jul 11-12	Yellow T-tag, DA 4	00826-00828 00830 00832-00837 00839-00846 00848-00850 00852-00874 00876-00877 00879-00881 00885 00887-00893 00895-00901 00905-00906 01700-01799 01990-01999 06782-07000 03001-03164 03165-03278 03279-03300 03301-03304 03306-03310 03312-03329 03332-03334 03337-03338	3 1 6 8 3 23 2 3 1 7 7 2 100 10 219 164 114 22 4 5 18 3 2
			64°21'N 51°25'W 64°07'N 51°47'W 64°07'N 51°50'W 64°01'N 51°50'W	Jul 20-21 Aug 28 Oct 19 Oct 25	" " " "	03001-03164 03165-03278 03279-03300 03301-03304 03306-03310 03312-03329 03332-03334 03337-03338	164 114 22 4 5 18 3 2
			43°27'N 61°56'W to 43°36'N 62°26'W 44°24'N 60°26'W to 44°32'N 60°33'W	Nov 14-15 Oct 28- Nov 4	Yellow spaghetti,T-bar "	P006051-P006102 P000028-P006049	52* 6022
	Canada (3)	2J	52°34'N 52°06'W 52°28'N 52°10'W 52°38'N 52°08'W 52°24'N 52°12'W 52°15'N 52°16'W 52°16'N 52°15'W 52°17'N 52°15'W	Feb 26-27 Mar 2 Mar 2 Mar 4 Mar 4-5 Mar 5	1/2" Yellow Peterson disk with blank Yellow spaghetti,T-bar " 1/2" Yellow Peterson disk with blank	23000-23365 24600-24715 C49730-49900 C49926-50000 24800-25289 25440-25490	366 116 171 75 490 51
			52°02'N 51°29'W 51°53'N 51°35'W 52°51'N 50°59'W 51°59'N 51°09'W 52°13'N 52°17'W 52°09'N 52°13'W 52°11'N 51°54'W 51°55'N 52°20'W 51°59'N 50°54'W 51°51'N 51°10'W 52°12'N 52°17'W	Feb 27-28 Mar 1-2 Mar 4 Mar 5 Mar 10-12 Feb 28- Mar 2 Mar 4	1/2" Yellow Peterson disk with blank " " " " Yellow spaghetti,T-bar "	23000-23365 23914-24599 24716-24799 25290-25439 25491-26544 C49001-49728 C49901-49925	537 654 84 149 1049 728 26
			47°36'N 53°16'W	Oct 13, 17, 22-23	Yellow streamer " Orange streamer "	50001-50026 50529-50579 50001-50025 50529-50578	152
			47°42'N 53°13'W	Oct 18-21	Yellow streamer Orange streamer	50027-50528 50026-50528	1000
			47°53'N 53°22'W	Oct 25	Yellow streamer Orange streamer	50580-50589 50579-50589	21
			47°32'N 58°36'W	Oct 26, 28-29	Yellow streamer " Orange streamer "	50590-50662 50716-50767 50590-50662 50715-50767	149
			47°42'N 53°51'W	Oct 27	Yellow streamer Orange streamer	50663-50715 50663-50714	105
	USA (9)	5Y	5-6 miles ENE Portland Light Buoy	Mar 24	Yellow spaghetti,T-bar	50002-50010 50012-50013 50015-50017 50019 50021-50033 50036-50040 50045-50049 50051-50064 50066-50078 50082-50090 50092-50096 50098 50101-50105	9 2 3 1 13 5 5 14 13 9 5 1 5

Species	Country	ICNAF Div.	Location or Position	Date	Type of Tag	Range of Serial Numbers	Number of Releases
Atlantic cod (Cont'd)	USA(9) (Cont'd)	5Y	5-6 miles ENE Portland Light Buoy	Mar 24	Yellow spaghetti, T-bar	50108-50157	50
						50159-50200	42
						50202-50220	19
						50222-50248	27
						50250-50273	24
						50276-50292	17
			Sheepscot Bay	May 22	"	50350	1
				May 26	"	50301-50303	3
						50305	1
			Sheepscot - Boothbay Harbor	Jun 19-21	"	50307-50319	13
			Sheepscot Bay	Jun 26-28	"	50321	1
			Sequin Is - SSW	Jun 29	"	50322-50327	6
			Ledges		"	50328-50338	10
					"	50340	1
					"	50502	1
			Sheepscot Bay - Sheepscot River	Jun 30	"	50503-50504	2
					"	50601-50605	5
					"	50642-50647	6
					"	50649	1
				Jul 5-7	"	50339	1
					"	50341-50347	7
					"	50349	1
					"	50351	1
					"	50506-50511	6
					"	50513-50517	5
					"	50520-50525	6
					"	50527-50546	20
					"	50551-50559	9
					"	50561-50567	7
					"	50569-50570	2
					"	50571	1
					"	50573-50579	7
				Jul 18-21	"	50461-50463	3
					"	50466-50468	3
					"	50471	1
					"	50473-50480	8
					"	50482-50483	2
					"	50485-50490	6
					"	50494-50499	6
					"	50580-50581	2
					"	50584-50585	2
					"	50592-50595	4
					"	50597-50600	4
					"	50660-50664	5
					"	50666	1
					"	50668-50669	2
					"	50671-50673	3
					"	50676	1
					"	50681	1
					"	50685-50687	3
					"	50690-50691	2
					"	50693-50695	3
					"	50699	1
				Jul 25-28	"	51972-51973	2
					"	51794	1
					"	51998-51999	2
				Sep 14	"	51792	1
				Sep 21	"	51783	1
				Sep 26	"	51750	1
				Oct 11	"	51746	1
				Dec 7	"	51651-51655	5
			Seguin Is. - Sheepscot Bay		"	51657	1
					"	51659-51663	5
					"	51665	1
					"	51667	1
					"	51701-51711	11
					"	51713	1
					"	51715	1
					"	51717-51718	2
					"	51721	1
					"	51723-51724	2
					"	51726-51738	13
					"	51740-51741	2
					"	51743-51744	2
				Dec 12	"	51604-51609	4
					"	51611-51614	4
					"	51616-51635	20
					"	51637-51650	14
					"	51671-51676	6
					"	51678-51700	23
			Sheepscot River	Dec 13	"	51501-51502	2

Species	Country	ICNAF Div.	Location or Position	Date	Type of Tag	Range of Serial Numbers	Number of Releases
Greenland cod (<i>Gadus ogac</i>)	Denmark (1)	1A	71°07'N 51°16'W	Oct 8	White Petersen tag	58860	1
			71°07'N 51°19'W	Oct 8-9	"	58862-58868	7
					"	58856-58858	3
					"	58871-58873	3
					"	58889, 58911	2
			71°08'N 51°26'W	Oct 12	"	58890-58899	10
					"	58901-58902	2
			71°07'N 51°16'W	Oct 13	"	58915-58916	2
			71°05'N 51°26'W	Oct 15	"	58918-58920	3
					"	58926, 58929	2
					"	58932-58934	3
					"	58954	1
		1D	64°01'N 51°50'W	Oct 25	"	03305, 03311	2
					"	03330-03331	2
					"	03336	1
Haddock	USA (9)	5Y	Sheepscot River	Jul 19	Yellow spaghetti, T-bar	50491	1
				Jul 21	"	50500	1
				Jul 26	"	50638	1
			Seguin Is. - Sheepscot River		"	51974	1
					"	51979-51982	4
					"	51994-51995	2
				Dec 7	"	51668-51669	2
	Canada (6)	4W	43°27'N 61°56'W to 43°36'N 62°26'W	Nov 14-15	"	P006051-P006102	52*
Atlantic halibut	USA (9)	5Y	Sequin Is. - Sheepscot Bay	Jul 25	"	51959	1
Greenland halibut	Denmark (1)	1A	71°07'N 51°19'W	Oct 9-12	White Petersen tag	58869-58870	2
			71°07'N 51°25'W	Oct 9-12	"	58874, 58914	2
					"	58875-58878	4
					"	58881, 58884	2
					"	58887-58888	2
					"	58900	1
			71°05'N 51°26'W	Oct 15	"	58903-58908	6
						58917	1
Red hake	USA (9)	5Y	Sheepscot River	Jul 28	Yellow spaghetti, T-bar	51796	1
				Sep 13	"	51751-51752	2
					"	51754	1
Pollock	Canada (2)	4W	45°15'30"N	Jun 22-23	YDN (Plastic yellow disc)	49000-49999	992
			44°08'N 63°10'W	Oct 25	Yellow spaghetti, T-bar	(8 tags not used) P000000-P000027	28
	USA (9)	5Y	Sheepscot River	Jul 20-21	"	50451-50460	10
					"	50465	1
					"	50630-50637	8
					"	50670	1
					"	50674-50675	2
					"	50683	1
					"	50687	1
				Dec 27	"	51504	1
Yellowtail flounder	USA (9)	5Y	Seguin Is. - Sheepscot Bay	Jul 25-27	Yellow spaghetti, T-bar	51952-51958	7
					"	51966-51967	2
					"	51970-51971	2
					"	51976-51978	3
					"	51991	1
				Sep 29	"	51748	1
Black back or Winter flounder	USA (9)	5Y	Seguin Is. - Sheepscot Bay	Jul 25	Yellow spaghetti, T-bar	51960-51965	6
			Sheepscot River	Dec 13	"	51503	1
Scup	USA (9)	5Y	Sheepscot River	Jul 18	Yellow spaghetti, T-bar	50586	1
White hake	USA (9)	5Y	Sheepscot River	Sep 13-14	Yellow spaghetti, T-bar	51787	1
					"	51789	1
					"	51793	1

Species	Country	ICNAF Div.	Location or Position	Date	Type of Tag	Range of Serial Numbers	Number of Releases
Spotted wolffish	Denmark (1)	1A	71°08'N 51°20'W	Oct 8-9	White Petersen tag	58048-58050	3
					"	58853	1
					"	58879-58880	2
					"	58882-58883	2
					"	58885-58886	2
			71°07'N 51°19'W 71°05'N 51°26'W	Oct 12 Oct 15	"	58909-58910	2
					"	58912-58913	2
					"	58921, 58930	2
					"	58935-58937	19
					"		
Atlantic herring	Canada (2)	4T	46°20'N 62°15'W	Oct 18 Oct 25	Yellow spaghetti, T-bar	267000-269499	2500
					"	269500-274999	5500
		4Vn	46°28'N 60°15'W 46°24'N 60°14'W	Nov 6 Nov 9	"	275000-275232	233
					"	275233-275417	
			46°23'N 60°06'W 46°22'N 59°58'W	Nov 17-18 Nov 19-20 Nov 21-22	"	275424	186
					"	275783-275860	78
					"	275861-276366	506
					"	276367-276863	
			46°23'N 60°06'W 46°22'N 59°58'W	Nov 17-18 Nov 19-20	"	276866-276869	
					"	276871-276978	629
					"	276980-276999	
					"	277000-277265	266
					"	277266-277874	
					"	277880	
					"	277882-277883	627
					"	277885-277899	
					"	277902-277923	
					"	277925-278091	
		4W	46°28'N 60°22'W	Nov 30	"	278300-278311	653
					"	278313-278557	
					"	278093-278299	
			46°32'N 60°23'W	Dec 2	"	278558-278999	442
					"	280000-280302	
					"	280304-280374	374
			Cape Canso Chedabucto Bay East of Cape Canso	Jan 13	Yellow spaghetti, T-bar	250650-251174	525
					"		
				Jan 13	"	251183-251199	17
					"	252250-252721	472
					"	252726-253000	275
					"	253695-253924	230
					"	256000-256149	150
					"	251200-251374	175
					"	251650-251999	350
					"	253925-254249	325
			SE of White HD, CB	Jan 23	"	255000-255379	380
					"	254250-254374	125
					"	255380-255574	195
					"	256650-256999	350
			NE of C.A. Buoy, Chedabucto Bay	Jan 29	"	255575-255999	425
					"	257000-257145	146
					"	259000-259249	250
					"	259267-259274	8
			45°10'N 61°06'W	Nov 11	"	275418-275423	
					"	275425-275782	364
			45°10'N 61°04'W	Dec 6-7	"	277875-277879	
					"	277884, 277900	8
					"	277975	
					"	279000-279667	668
			45°10'N 61°25'W 45°04'N 61°34'W	Dec 7-8 Dec 7 Dec 4	"	279668-279999	332
					"	280375-280912	538
					"	280913-281558	646
					"	281559-281782	224
			45°03'N 61°20'W 45°21'N 60°45'W	Dec 9 Dec 13	"	281783-281969	216
					"	281971-281999	
					"	282000-282199	
					"	282205-282215	219
			45°04'N 61°34'W	Dec 9	"	282217-282224	
					"	282225-282249	
					"	282252-282274	48
					"	282275-282462	
			45°22'N 60°48'W	Dec 13	"	282463-282533	
					"	282535-282536	
					"	282538-282550	325
					"	282553-282603	
			45°21'N 60°45'W	Dec 13	"	283000-283139	140
					"		

Species	Country	ICNAF Div.	Location or Position	Date	Type of Tag	Range of Serial Numbers	Number of Releases
Atlantic herring (Cont'd)	Canada (2) (Cont'd)	4X	Perry Shore NW Letite Passage Passamaquoddy Bay	Feb 3 Mar 14	" "	209025-209074 200150-200173 209075-209999 210000-212999	50 3950
			Liverpool Bay, N.S.	Apr 17 Apr 19 Jul 26 Jul 28 Jul 29 Jul 20	" " " " " "	213000-218999 219000-222999 223000-226999 227000-230399 230400-232999 258000-258999	6000 4000 4000 3392 2600
			44°45'N 65°50'W 44°39'N 65°45'W 44°40'N 65°50'W	Jul 21	"	260000-260999 261000-261224 261225-261249 261275-261999 263000-263474 258027, 258088 258440, 258502 258523, 258659 258953 262000-262049 262051-262999 263475-263974 263975-264124 264125-266499	2225 1232 1498 150 375
	Canada (5)	4T	Isle-Verte, Que.	May 11 May 12 May 18 May 19 May 20 May 21 May 22 May 23 May 24 May 24 May 29 May 30 May 31 Jun 1 Jun 2 Jun 3 Jun 6 Jun 8 Jun 9	External anchor " " " " " " " " " " " " " " " " " "	10000-12000 12000-14000 14000-14264 14265-16152 16153-19336 19337-21940 21941-23179 23180-24027 24028-25170 25171-25411 25412-25850 25851-29215 29216-30000 00001-03314 03315-07287 07288-08347 08348-08477 08478-08884 09485-09769 09770-09832	2000 2000 264 1887 3183 2603 1238 847 1142 240 438 3364 785 3314 3972 1059 129 406 284 62
	USA (9)	5Y	Passamaquoddy Bay	Feb 21	Yellow spaghetti, T-bar	75501-77000	1500
			Tenants Harbor	Aug 7-9	"	Int. Herring 42001-42999 44001-45999	999 1999
			White Island	Aug 21	"	77001-77537	537
	USA (8)	5Y	Boot Cove, Lubec	Aug 31	"	Int. Herring 77538-78050	513
			Boston Island	Sep 7	"	Int. Herring 78051-80500	2450
			Sheepscot River	Sep 18-23	"	Int. Herring 43001-44000 46001-47000 48001-50000 60001-60800 60801-66000	1000 1000 2000 800 5200
	USA (8)	5Y	Muscongus Bay	Sep 26	"	93001-94500 96501-97000 94501-96500 97001-99000 99001-103000	1500 500 2000 2000 4000
			ESE Thacker's Is.	Oct 16	"		
			42°53'N 70°12'W 42°50'N 70°12'W 42°50'N 70°15'W 42°52'N 70°15'W	Nov 1 Nov 2 Nov 3 Nov 9	" " " "		
Atlantic mackerel	USA (9)	5Y	Sheepscot River	Jul 19 Jul 27-28	Yellow spaghetti, T-bar "	50472 51798-51800 51987-51990 51993	1 3 4 1
Atlantic butterfish	USA (9)	5Y	Sheepscot Bay	Sep 26	Yellow spaghetti, T-bar	51758	1
Bluefin tuna	Canada (2)	4W 4X	44°55'N 62°10'W Merry Rock, St. Margaret's Bay, N.S.	Jul 6 Sep 18	WHOI Type H WHOI Type H	B04222 B03441-B03445 B03447-B03449	1 5

Country: Canada (2)		Institution: North American Salmon Research Centre P. O. Box 488, St. Andrews, N. B.			Year: 1978	
Species	ICNAF Div.	Location or Position	Date	Type of Tag	Range of Serial Numbers	Number of Releases
Salmon (smolts)		Chamcook R., N.B.		Carlin, blue " " " " " "	6600-8999 9400-9999 10000-10099 10200-10299	2400 600 100 100
Salmon (adults)		Chamcook R., N. B.		Carlin, Green Carlin, Blue Carlin, White	630-654, 657, 659, 660, 662, 664-666, 668-674, 677-680, 682-688, 692, 693 FRA-J58364 913, 874, 1025, 883, 857, 898, 1087, 948, 941, 961, 938, 933, 1022, 932, 1086, 919, 1169, 1178	52 1 18

Country: Canada (3)		Institution: Newfoundland Environment Centre, Box 5667 St. John's, Newfoundland A1C 5X1			Year: 1978	
Species	ICNAF Div.	Location or Position	Date	Type of Tag	Range of Serial Numbers	Number of Releases
Salmon (adult)		S Nfld to Fermeuse		Carlin, yellow	Y900-1000	101
		Fogo-Twillingate, Nfld		Carlin, yellow	Y623-657	35
Salmon (kelts)		Noel Paul Spawning Channel, Nfld		Carlin, purple	P25000-25722	723
		West R., St. Barbe, Nfld		Atkins, blue	N1000-1204	205
Salmon (smolts)		Noel Paul Counting Fence, Nfld		Carlin, green	P21000-27271	6272

Country: Canada (4)		Institution: Fisheries and Marine Service, P. O. Box 550, Halifax, N. S.			Year: 1978	
Species	ICNAF Div.	Location or Position	Date	Type of Tag	Range of Serial Numbers	Number of Releases
Salmon (smolts)		LaHave R., N. S.		Carlin, blue " " " "	H90000-99999 M00000-12999 P37500-37899	10000 13000 400
		East R., Sheet Hr., N.S.		Carlin, blue " " " "	H85000-89999 M74000-77999 M21000-24999	5000 4000 4000
		Liscomb R.		Carlin, blue " "	M70000-73999 M13000-20999	4000 8000
		St. John R., N. B.		Carlin, blue " " " " " " " "	M25000-49999 P38000-38999 P70000-74999 P80000-84999 T19500-19599	25000 1000 5000 5000 100
		Bartholomew R.		Carlin, blue	P90000-97799	8000
Salmon (grilse and adults)				Carlin, blue " "	D70632-70717 D70806-70858	86 53
		St. John R., N. B.		Carlin, blue " "	T19600-19999 M79000-79564	400 565
Salmon (adult)		St. John R., N. B.		Carlin, red " "	500-574 932-947	75 16
				Carlin, green	1144-1199	56
Salmon (kelts)		East R., Sheet Hr, N.S.		Carlin, blue	T53300-53313	14

Country: Canada (7)		Institution: Department of Tourism, Province of Quebec P. O. Box 798, Gaspé, Quebec			Year: 1978	
Species	ICNAF Div.	Location or Position	Date	Type of Tag	Range of Serial Numbers	Number of Releases
Salmon (smolt)		St. Jean R., P. Q.		Carlin, green	PQ21200-21599	400
				" "	PQ21700-21799	800
				" "	PQ75700-79699	4000
				" "	PQ80000-80999	1000
				" "	PQ90000-94999	5000
		Matamek, R.		Carlin, green	PQ23012-23098	87
				" "	PQ23300-23399	100
				" "	PQ23625-23697	73
				" "	PQ23900-23947	48
				" "	PQ24000-24199	200
				" "	PQ24960-24968	9
		R. Becc-scies (Anticosti)		Carlin, green	PQ60100-60299	200
				" "	PQ88000-88999	1000
		R. McDonald (Anticosti)		Carlin, green	PQ72800-75699	2900
		R. Anse-Pleureuse		Carlin, green	PQ79700-79999	300
				" "	PQ81000-85999	5000
		R. Saguenay		Carlin, green	PQ89000-89999	1000
" "	PQ95000-100399		5400			
Salmon (adult)		St. Jean R.		T-bar	0001-0045	45

Country: USA (10)			Institution: US Dept. of Interior, Conn. River Basin Program, P. O. Box 455, Amherst, Mass.			Year: 1978
Species	ICNAF Div.	Location or Position	Date	Type of Tag	Range of Serial Numbers	Number of Releases
Salmon (smolts)		Connecticut R.		Carlin, Green	175000-199900	24901

Country: USA (11)			Institution: US Dept. of Interior, Merrimack River Program, Newtons Corner, Mass.			Year: 1978
Species	ICNAF Div.	Location or Position	Date	Type of Tag	Range of Serial Numbers	Number of Releases
Salmon (smolts)		Merrimack R., Lowell MA.		Brand "	"8" right side "8" left side	

Country: USA (12)		Institution: Atlantic Sea Run Salmon Commission 34 Idaho Ave., Bangor, Maine, 04401			Year: 1978	
Species	ICNAF Div.	Location or Position	Date	Type of Tag	Range of Serial Numbers	Number of Releases
Salmon (smolts)		Penobscot R.		Finclip	Anal	
				"	Adipose & left pelvic	
				"	Adipose & right pelvic	
				"	Left pelvic	
				"	Right Pelvic	
Salmon (adults)		Union R.		Finclip	Left pelvic	143
				"	Right pelvic	
		Union R.		Carlin, Green	4368A-4510A	
		Penobscot R.		Carlin, Green	0865A-2143A	

Species	Country	ICNAF Div.	Location or Position	Date	Type of Tag	Range of Serial Numbers	Number of Releases
Squid (<i>Illex</i>)	Canada (3)	3L	Holyrood 47°27'08"N 53°07'03"W	Oct 20-25 29-31 Nov 1	Anchor tag " "	B50027-50077 B50201-50500 B50901-50999 B08350-08398 B08425-08449 B38625-38650 B38751-38975 B23751-24000 B18800-18999 C48001-48250 C48414-48425 C48501-48779 A55600-55999 2701-2749 2951-3000 7601-7650 8001-8225 9551-9700 9751-9848 9901-9925	2027 (actual)
						Metal clips 1601-1643 1602-1721	588
						Orange ribbon Yellow ribbon Anchor tag C48251-48411 C48426-48500 C48780-49000 B50099-50100	133
			Harbour Main 47°27'09"N 53°07'03"W	Oct 26-28			436 (actual)
Sea scallops	Canada (2)	4T	46°52'N 64°19'W 46°56'N 62°49'W Pictou Island area	Aug 17 Aug 22 Aug 31	1/2" yellow disc " "	6801-6898 6800-7099 7100-7599	30 270 452
						1001-1625 7521-8998	561 452
						45000-45998	992
		4X	Between Digby Gut and Centerville, N.S.	Sep 28 Oct 2	3" spaghetti 1/2" yellow disc "	1-1000 5000-6799	948 1768
Northern lobster	Canada (2)	4X	Chebogue River, Yarmouth Co. St. Mary's Bay, Digby	Sep 7-8 Sep 19-22	Sphyrion Anchor (yellow spaghetti type tag) "	L12001-L12092 L6427-L6499 L6750 L6834-L6956 L6988-L7000 L7486-L7771 05502-05676	91 491 175
						13001-14000* B5001-B6000*	1000
			Baccaro Point to McNutt Is., Shelburne Port Maitland, Yarmouth	Nov 7-10 Nov 7-10	Sphyrion Anchor and Monel Metal Carapace tag		