

**ICES COMPILATION OF MICROTAGS, FINCLIP
AND EXTERNAL TAG RELEASES 2003**

**by
THE WORKING GROUP ON NORTH ATLANTIC SALMON**

**ICES Headquarters
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1 TERMS OF REFERENCE

The terms of reference for the 2004 Working Group on North Atlantic Salmon (C.Res. 2002/2ACFM03) stated that the Group should

“With respect to the Atlantic salmon in the NASCO area, provide a compilation of tag releases by countries in 2003”.

Data were provided by Working Group members for national tagging programs, as far as possible including all agencies and organizations. These compilations for 2003 are presented by country together with a summary of the tags and marks by all countries (Table 1). Data were supplied in the standard format agreed by the Working Group in 1997. A list of national tag clearing houses is also given (Appendix 1).

2 SUMMARY TABLE

TABLE 1. SUMMARY OF ATLANTIC SALMON TAGGED AND MARKED IN 2003. 'Hatchery' and 'Wild' refer to smolts or parr; 'Adult' refers to wild and hatchery fish. Data from Belgium were not available. Fish were not tagged in Finland or Denmark. PIT tags were not included.

Country	Origin	Primary Tag or Mark			Total
		Microtag	External mark	Adipose clip	
Canada	Hatchery	0	31,048	2,014,223	2,045,271
	Wild	651	29,167	0	29,818
	Adult	0	6,388	0	6,388
	Total	651	66,603	2,014,223	2,081,477
NB: Wild/Microtag fish had secondary adipose clip					
Iceland	Hatchery	239,879	290	0	240,169
	Wild	4,364	0	0	4,364
	Adult	0	608	0	608
	Total	244,243	898	0	245,141
Ireland	Hatchery	310,323	0	0	310,323
	Wild	8,063	0	0	8,063
	Adult	0	0	0	0
	Total	318,386	0	0	318,386
Norway	Hatchery	0	47,934	0	47,934
	Wild	0	2,887	0	2,887
	Adult	0	680	0	680
	Total	0	51,501	0	51,501
Russia	Hatchery	0	0	287,200	287,200
	Wild	0	0	0	0
	Adult	0	2,218	0	2,218
	Total	0	2,218	287,200	289,418
Spain	Hatchery	10,676	0	231,703	242,379
	Wild	0	0	0	0
	Adult	0	0	0	0
	Total	10,676	0	231,703	242,379
Sweden	Hatchery	0	4,000	20,580	24,580
	Wild	0	447	0	447
	Adult	0	0	0	0
	Total	0	4,447	20,580	25,027
UK (England & Wales)	Hatchery	59,840	17,920	50,750	128,510
	Wild	6,239	0	1,595	7,834
	Adult	0	2,185	0	2,185
	Total	66,079	20,105	52,345	138,529
UK (N. Ireland)	Hatchery	17,526	0	3,472	20,998
	Wild	2,507	0	0	2,507
	Adult	0	0	0	0
	Total	20,033	0	3,472	23,505
UK (Scotland)	Hatchery	7,500	0	0	7,500
	Wild	5,013	3,296	2,184	10,493
	Adult	0	737	0	737
	Total	12,513	4,033	2,184	18,730
USA	Hatchery	0	356,737	138,329	495,066
	Wild	0	2,301	410	2,711
	Adult	0	1,466	3,623	5,089
	Total	0	360,504	142,362	502,866
All Countries	Hatchery	645,744	457,929	2,746,257	3,849,930
	Wild	26,837	38,098	4,189	69,124
	Adult	0	14,282	3,623	17,905
	Total	672,581	510,309	2,754,069	3,936,959

3 NUMBER OF TAGS AND MARKS APPLIED TO ATLANTIC SALMON BY COUNTRIES FOR 2002

3.1 Canada

ICES COMPILATION OF MICROTAG, FIN CLIP, AND EXTERNAL TAG RELEASES

Marking Season: 2003

Country: Canada

Grand Total Primary Marks

JUVENILES		Hatchery	Wild	ADULTS	All
Microtags	0	651**			651**
External Tags	11048	29167	6388		66603
Adipose Clip	2014223				2014223
Other clips, External marks					
TOTAL					2081477

**also ADC

MARKING AGENCY	AGE	LIFE STAGE	H/W	STOCK ORIGIN	PRIMARY TAG or MARK	NUMBER MARKED	CODE OR SERIAL	AUX CLIP	REL DATE	PLACE OF RELEASE	COMMENT
DFO Maritimes	0+	Parr	H	Stewiacke	ADC	91578					
	0+	Parr	H	Stewiacke	ADC	32920			Oct	Folly R	
		Adult	genebank	Stewiacke	Blue earlin	81	T13200-T13324 and		Oct	Chiganois R	
							152734-152999		Oct	Salmon R Colehester	
		Adult	genebank	Stewiacke	Green Carlin	2	AA47482, AA47484		Oct	Salmon R Colehester	
		Adult	genebank	Stewiacke	White Carlin	16	12514-12681		Nov	Salmon R Colehester	
	1+	Smolt	H	Stewiacke	ADC	8431			May	Stewiacke R	
	0+	Parr	H	Stewiacke	ADC	27000			Oct	Stewiacke R	
	1+	Smolt	H	Stewiacke	Blue earlin	8366	A93600-A94099, A95000- A96299, A97000-A97999,	ADC	May	Stewiacke R	
							E10500-E11999, E76000- E76999, E74100-E74499,				
							A94100-A94999, D63800-D64999,				
							D98100-D98999, D99000-D99999,				
	2+	Smolt	H	Stewiacke	Yellow Carlin	160	A29-A420	ADC	May	Stewiacke R	
	1+	Smolt	H	Gaspereau	ADC	25922			May	Gaspereau R	
	1+	Parr	H	Gaspereau	ADC	18600			April	Gaspereau R	
	0+	Parr	H	Gaspereau	ADC	21726			Oct	Gaspereau R	

Canada continued

	1+	Smolt	H	Gaspereau	Green, Orange and Black T-bar	1500			ADC	May	Gaspereau R	
	1+	Smolt	H	Salmon R Digby	ADC	25000				May	Salmon R Digby	
	1+	Tusket	H	Tusket	ADC	43900				May	Tusket R	
	0+	Parr	H	Tusket	ADC	4672				Oct	Tusket R	
	1+	Smolt	H	Tusket	Green and Blue T-bar	4000			ADC	May	Tusket R	
	1+	Smolt	H	Mersey	ADC	7524				May	Mersey R	
	1+	Smolt	H	Medway	ADC	38640			ADC	May	Medway R	
	0+	Parr	H	Medway	ADC	13074				Oct	Medway R	
	1+	Smolt	H	LaHave	ADC	44871				May	LaHave R	
	0+	Parr	H	LaHave	ADC	20887				Oct	LaHave R	
	1+	Smolt	H	LaHave	Green, Blue, Black, Red, Yellow, Orange and Clear T-Bar	5999			ADC	May	LaHave R	
		Adult	15W/2H	LaHave	Blue Carlin	17		X59060-X59616		Nov	LaHave R	
	1+	Smolt	H	Gold	ADC	4220				May	Gold R	
	0+	Parr	H	Gold	ADC	5900				Oct	Gold R	
		Adult	H	Gold	Red Carlin	191		D1-D37, D59, D60, D69-170, D171-D194, D203-D233, D241-D265, D269-D304	ADC	Oct	Gold R	
	0+	Parr	H	Sackville	ADC	4000				Oct	Sackville R	
	1+	Smolt	H	Sackville	ADC	18623				May	Sackville R	
	1+	Smolt	H	East R Sh Hbr	ADC	1500				May	East R Sh Hbr	
	0+	Parr	H	East R Sh Hbr	ADC	8800				Oct	East R Sh Hbr	
	1+	Smolt	H	East R Sh Hbr	Blue and Green T-bar	4000			ADC	May	East R Sh Hbr	
		adults	genebank	Big Salmon R	blue carlin	5		T52508, T52531, T52607, T52676, and T52700	white/blue disk	Sept/Oct	Big Salmon R	
		adults	genebank	Big Salmon R	green carlin	10		AA47137, AA47192, AA84040, AA47193, AA84464, A84948, AA84050, AA47144, AA47187 and AA84957	white/blue disk	Sept/Oct	Big Salmon R	
		adults	8H/9W	Hammond R	green carlin	17		AA79962-79988	left ventral	Dec	Saint John R	
		adults	Genebank	Saint John R	blue carlin	96		E12200-E12599		Oct.	Saint John R	
		adults	genebank	Saint John R	green carlin	48		AA73200-73299		Oct.	Saint John R	
		pre-grilse	genebank	Big Salmon R	white carlin	265		73500-73599 C007-C960	22 with sonic tags	Oct.	Point Wolfe	
		pre-grilse	genebank	Big Salmon R	blue carlin	19		F8052-F8145	2 with sonic tags	Oct.	Point Wolfe	
		pre-grilse	H	Big Salmon R	Blue carlin	35		F8053-F8143		June	Petticoe R	
		pre-grilse	H	Big Salmon R	White carlin	515		C005-C959	4 with sonic tags	June/July	Petticoe R	

Canada continued

[illegible]

Canada continued

	Smolt	Wild	Exploits	Stream	97	NFB4151-NFB4250	Nil	June 10/03	Exploits River	N/A NFB4160, NFB4195, NFB4207
	Smolt	Wild	Exploits	Stream	42	NFB3051-NFB3100	Nil	June 10/03	Exploits River	N/A NFB3052, NFB3063
			River							NFB3070, NFB3083
										NFB3088, NFB3090
										NFB3095, NFB3099
	Smolt	Wild	Exploits	Stream	94	NFB4251-NFB4350	Nil	June 11/03	Exploits River	N/A NFB4253, NFB4254
			River							NFB4256, NFB4261
										NFB4266
										N/A NFB4347
	Smolt	Wild	Exploits	Stream	95	NFB4351-NFB4449	Nil	June 14/03	Exploits River	N/A NFB4352, NFB4353
			River							NFB4384, NFB4395
	Smolt	Wild	Exploits	Stream	100	NFB4451-NFB4550	Nil	June 15/03	Exploits River	
			River							
	Smolt	Wild	Exploits	Stream	100	NFB4551-NFB4650	Nil	June 16/03	Exploits River	
			River							
	Smolt	Wild	Exploits	Stream	99	NFB3101-NFB3200	Nil	June 16/03	Exploits River	N/A NFB3194
			River							
	Smolt	Wild	Exploits	Stream	98	NFB4651-NFB4750	Nil	June 17/03	Exploits River	N/A NFB4678, NFB4748
			River							
	Smolt	Wild	Exploits	Stream	94	NFB4751-NFB4850	Nil	June 18/03	Exploits River	N/A NFB4763, NFB4765
			River							NFB4766, NFB4770
										NFB4797, NFB4836
	Smolt	Wild	Exploits	Stream	98	NFB4851-NFB4950	Nil	June 19/03	Exploits River	N/A NFB4874, NFB4907
			River							
	Smolt	Wild	Exploits	Stream	30	NFB4952-NFB4999	Nil	June 20/03	Exploits River	N/A NFB4957, NFB4958
			River							NGB4960, NFB4962
										NFB4963, NFB4969
										NFB4972-4974, NFB4983
										NFB4985-4987, NFB4990
										NGB4991, NFB4994
										NFB4995, NFB4998
	Smolt	Wild	Exploits	Stream	42	NFB2002-NFB2050	Nil	June 20/03	Exploits River	N/A NFB2011, NFB2020
			River							NFB2021, NFB2023
										NFB2032, NFB2037
										NFB2045
	Smolt	Wild	Exploits	Stream	97	NFB2051-NFB2150	Nil	June 21/03	Exploits River	N/A NFB2064, NFB2089
			River							NFB2145
	Smolt	Wild	Exploits	Stream	100	NFB2151-NFB2250	Nil	June 22/03	Exploits River	
	Smolt	Wild	Exploits	Stream	50	NFB2251-NFB2300	Nil	June 23/03	Exploits River	
	Smolt	Wild	Exploits	Stream	37	NFB2351-NFB2399	Nil	June 23/03	Exploits River	N/A NFB2352-2354, NFB2360
			River							NFB2366, NFB2375-2377
										NFB2380, NFB2388-2389
										NFB2394

Canada continued

		Smolt	Wild	Exploits	Steamer	49		NFB201-NFB3250	Nil	June 23/03	Exploits River	N/A NFB3231
		Smolt	Wild	Exploits	Steamer	100		NFB2451-NFB2550	Nil	June 24/03	Exploits River	
		Smolt	Wild	Exploits	Steamer	50		NFB3251-NFB3300	Nil	June 24/03	Exploits River	
		Smolt	Wild	Exploits	Steamer	50		NFB2551-NFB2600	Nil	June 25/03	Exploits River	
		Smolt	Wild	Exploits	Steamer	48		NFB3301-NFB3350	Nil	June 25/03	Exploits River	N/A NFB3306, NFB3326
		Smolt	Wild	Exploits	Steamer	49		NFB2601-NFB2650	Nil	June 26/03	Exploits River	N/A NFB2640
		Smolt	Wild	Exploits	Steamer	49		NFB3351-NFB3400	Nil	June 26/03	Exploits River	NFB3361
		Smolt	Wild	Exploits	Steamer	49		NFB2701-NFB2750	Nil	June 27/03	Exploits River	NFB2747
		Smolt	Wild	Exploits	Steamer	50		NFB3401-NFB3450	Nil	June 27/03	Exploits River	
		Smolt	Wild	Exploits	Steamer	50		NFB2751-NFB2800	Nil	June 28/03	Exploits River	
		Smolt	Wild	Exploits	Steamer	41		NFB3451-NFB3500	Nil	June 28/03	Exploits River	N/A NFB3454, NFB3456-3459
												NFB3461, NFB3472-3473
		Smolt	Wild	Exploits	Steamer	49		NFB2801-NFB2850	Nil			NFB3496, NFB3499
		Smolt	Wild	Exploits	Steamer	46		NFB3501-NFB3550	Nil	June 29/03	Exploits River	NFB2805
										June 29/03	Exploits River	N/A NFB3521, NFB3527-3528
		Smolt	Wild	Exploits	Steamer	50		NFB2851-NFB2900	Nil	June 30/03	Exploits River	NFB3535
		Smolt	Wild	Exploits	Steamer	49		NFB3551-NFB3600	Nil	June 30/03	Exploits River	N/A NFB3581
		Smolt	Wild	Exploits	Steamer	49		NFB2901-NFB2950	Nil	July 1/03	Exploits River	N/A NFB2915
		Smolt	Wild	Exploits	Steamer	50		NFB3601-NFB3650	Nil	July 1/03	Exploits River	
		Smolt	Wild	Exploits	Steamer	50		NFB0001-NFB0050	Nil	July 2/03	Exploits River	
		Smolt	Wild	Exploits	Steamer	50		NFB3651-NFB3700	Nil	July 2/03	Exploits River	
		Smolt	Wild	Exploits	Steamer	75		NFA5500-NFA5599	Nil	May 26/03	Exploits River	N/A NFA5504-5505
												NFA5507-5508, NFA5510-5513
												NFA5515-5516, NFA5518-5520
												NFA5525, NFA5528-5530
												NFA5532, NFA5534
												NFA5536-5538, NFA5540
												NFA5544, NFA5549
		Smolt	Wild	Exploits	Steamer	49		NFA5600-NFA5649	Nil	May 28/03	Exploits River	N/A NFA562
		Smolt	Wild	Exploits	Steamer	100		NFA5650-NFA5749	Nil	May 30/03	Exploits River	
		Smolt	Wild	Exploits	Steamer	100		NFA5750-NFA5849	Nil	June 2/03	Exploits River	
		Smolt	Wild	Exploits	Steamer	98		NFA5850-NFA5949	Nil	June 4/03	Exploits River	N/A NFA5863, NFA5910
		Smolt	Wild	Exploits	Steamer	99		NFA6050-NFA6149	Nil	June 6/03	Exploits River	N/A NFA6094
		Smolt	Wild	Exploits	Steamer	99		NFA6200-NFA6299	Nil	June 9/03	Exploits River	NFA6242
		Smolt	Wild	Exploits	Steamer	100		NFA6350-NFA6449	Nil	June 11/03	Exploits River	N/A NFA6487
		Smolt	Wild	Exploits	Steamer	49		NFA6450-NFA6499	Nil	June 12/03	Exploits River	
		Smolt	Wild	Exploits	Steamer	100		NFA6550-NFA6649	Nil	June 16/03	Exploits River	
		Smolt	Wild	Exploits	Steamer	100		NFA6700-NFA6799	Nil	June 19/03	Exploits River	
		Smolt	Wild	Exploits	Steamer	100		NFA6850-NFA6949	Nil	June 20/03	Exploits River	
		Smolt	Wild	Exploits	Steamer	100		NFA7000-NFA7099	Nil	June 23/03	Exploits River	
		Smolt	Wild	Exploits	Steamer	50		NFA7150-NFA7199	Nil	June 25/03	Exploits River	
		Smolt	Wild	Exploits	Steamer	25		NFA7200-NFA7224	Nil	June 27/03	Exploits River	
		Smolt	Wild	Exploits	Steamer	25		NFA7225-NFA7249	Nil	June 30/03	Exploits River	
		Smolt	Wild	Exploits	Steamer	50		NFA7250-NFA7299	Nil	July 4-9/03	Exploits River	
		Smolt	Wild	Exploits	Steamer	23		NFA7300-NFA7324	Nil	July 11/03	Exploits River	N/A NFA7304, NFA7323
		Smolt	Wild	Exploits	Steamer	25		NFA7325-NFA7349	Nil	July 14/03	Exploits River	
		Smolt	Wild	Exploits	Steamer	25		NFA7350-NFA7374	Nil	July 16/03	Exploits River	
		Smolt	Wild	Exploits	Steamer	50		NFA6000-NFA6049	Nil	June 6/03	Exploits River	
		Smolt	Wild	Exploits	Steamer	50		NFA6150-NFA6199	Nil	June 9/03	Exploits River	
		Smolt	Wild	Exploits	Steamer	50		NFA6300-NFA6349	Nil	June 11/03	Exploits River	
		Smolt	Wild	Exploits	Steamer	50		NFA6500-NFA6549	Nil	June 16/03	Exploits River	
		Smolt	Wild	Exploits	Steamer	50		NFA6650-NFA6699	Nil	June 19/03	Exploits River	
		Smolt	Wild	Exploits	Steamer	50		NFA6800-NFA6849	Nil	June 20/03	Exploits River	
		Smolt	Wild	Exploits	Steamer	49		NFA6950-NFA6999	Nil	June 23/03	Exploits River	N/A NFA6968
		Smolt	Wild	Exploits	Steamer	50		NFA7100-NFA7149	Nil	June 25/03	Exploits River	

Canada continued

		Adult	Wild	English River, Lab	Red T-bar	24	I0706-I0758			July	English River	
		Smolt	W	Comte River.	Green, Streamer	1335	1791 - 3126			May- June 04	Comte River	
		Kelt	W	Western Arm Brook	Green Carlin	27	N5658, N5659, N5668-N5689, N5938-N5940	Nil		May- June	WAB down stream	
		Kelt	W	Western Arm Brook	Blue Carlin	175	3812-3996	Nil		May 28-Jun 13	WAB down stream	
		Smolt	W	Western Arm Brook	Orange Carlin	70	1500 -1569	Nil		June	WAB down stream	
		Adult	W	Harry's River	Green Carlin	158	P38781-P39237	Nil		June - July	Harry's Riv - upstream	
		Smolt	W	Campbellton River	-B4 tags, with a carlin backing plate as indicated in code column	39	N10463-N10465, N10486-N10491, N10493, N11655-N11673			May	Campbellton River	Captured and released from Smolt trap
							N11684-N11691, N11693, N11695					
		Kelt	W	Campbellton River	Floy T-bar anchor	379	J44243-J44373	Nil		May	Campbellton River	
							J44376- J44399			May		
							J44401-J44650			May - June		
Cardigan SEC	2+	Smolt	H	Morell	AC	40680		none		May	Morell River	
		Adult (male)	W	Riv. Cascapédia (0110)	Floy tag	92	0001 to 0091			Oct/ Nov	Riv. Cascapédia (0110)	Writing: Cascapédia 418-392-5079
	2 or 3 years	Smolt	W	Riv. Sainte-Marguerite (0110)	Brown ribbon (Duration: 1½ month)	10080	00000 to 10000			June	Riv. Sainte-Marguerite	Writing: CIRSA
							0000 to 1000					No Writing
	1 year	Smolt	H	Riv. aux Rochers (0719)	Adipose clip	20617				June	Riv. aux Rochers (0719)	
	1 to 3 years	Smolt	1218H/951W	Riv. Malbaie (0515)	Steamer FTSL-73	71	1421 to 1499			June	Riv. Malbaie (0515)	Color: Brown Writing: MALBAIE
					Steamer FTSL-73	1325	1641 to 2999			June	Riv. Malbaie (0515)	Color: Brown Writing: MALBAIE
					Fingerling FTF-69	84	2103 to 2199			June	Riv. Malbaie (0515)	Color: Baby blue (1/4 x 1/8 inch)
					Fingerling FTF-69	574	2411 to 2999			June	Riv. Malbaie (0515)	Color: Baby blue (1/4 x 1/8 inch)
					Fingerling FTF-69	43	3755 to 3799			June	Riv. Malbaie (0515)	Color: Baby blue (1/4 x 1/8 inch)
					Fingerling FTF-69	72	600 to 671			June	Riv. Malbaie (0515)	Color: Baby blue (1/4 x 1/8 inch)

3.2 France

Marking Season: 2002
Grand Total Primary Marks

Country: France

JUVENILES		ADULTS	
			All
Microtags			
External Tags			
Adipose Clip	380,673		
Other clips and marks	234,270		
TOTAL FISH MARKED		614,943	0

MARKING AGENCY	AGE	LIFE STAGE	H/W	STOCK ORIGIN	PRIMARY TAG or MARK	NUMBER MARKED	CODE OR SERIAL	AUX CLIP	REL DATE	PLACE OF RELEASE	COMMENT
Association Migradour	0+	Parr	H	Adour-Gaves	ADC	16,500			July	Béhéobie (Nive)	
	0+	Parr	H	Adour-Gaves	ADC	6,000			July	Lauribar (Nive)	
	0+	Parr	H	Adour-Gaves	ADC	48,330			July	Gave d'Oloron and tributaries (1)	(1) Saison, Gave d'Aspe, Lourdios, Vert
Conseil Supérieur de la Pêche	0+	Parr	H	Brittany	ADC	217,760			July-september	Aulne + tributaries	
	0+	Parr	H	Brittany	ADC	33,172			September	Couesnon	
	1+	Smolt	H	Allier-Rhine	ADC	42,500			February-April	Bruche (Rhine)	
Association MiGaDo	1+	Smolt	H*	Dordogne (S)	ADC	11,146		Fluor. pigment	March	Garonne	Below the first dam
	1+	Smolt	H	Dordogne	ADC	5,265		Fluor. pigment	March	Garonne	Below the first dam
	0+	Parr	H*	Dordogne (S)	Fluor. pigment	21,103			July	Garonne	
	0+	Parr	H	Dordogne	Fluor. pigment	12,064			July	Garonne	
	0+	Parr	H	Adour	Fluor. pigment	7,871			July	Garonne	
	0+	Parr	H	Adour	Fluor. pigment	41,532			July	Garonne/Neste	
	0+	Parr	H	Dordogne	Fluor. pigment	148,500			July	Dordogne	
	0+	Parr	H	Dordogne	Fluor. pigment	2,200			July	Tributaries (2)	(2) Bourette, Mamoul, Maumont and Loyre
	0+	Parr	H	Dordogne	Fluor. pigment	1,000			November	Dordogne and Tributaries (3)	(3) Mamoul
	TOTAL					614,943					

ADC = adipose fin clipping

Fluor. pigment = Dordogne : four fluorescent pigments splashed with a spray gun (yellow, orange, red and blue)

H* : smolts and parrs bred in captivity but born from parents caught in the river

3.3 Iceland

ICES COMPILATION OF MICROTAG, FIN,CLIP AND EXTERNAL TAG RELEASES

Marking Season: 2003

Country: Iceland

Grand Total Primary Marks

JUVENILES		ADULTS	
Hatchery	Wild	All	
Microtagged	239879	4364	0
External	290	0	608
Adipose	0	0	0
Other clips, internal tags	0	0	0

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Marking Agency*	Age	Life stage	Hatchery or Wild	Stock Origin	Primary Tag or Mark**	Number marked	Code or Serial	Secondary Mark**	Release Date	Release Location	Comment
IFF	?	Smolt	Hatchery	Domestic stock	CWT	1162	000715	ADC	January/Desember	Iceland	Reared in pens
IFF	?	Smolt	Hatchery	Domestic stock	CWT	5787	010415	ADC	January/Desember	Iceland	Reared in pens
IFF	?	Smolt	Hatchery	Domestic stock	CWT	2484	011013	ADC	January/Desember	Iceland	Reared in pens
IFF	?	Smolt	Hatchery	Domestic stock	CWT	2833	011515	ADC	January/Desember	Iceland	Reared in pens
IFF	?	Smolt	Hatchery	Domestic stock	DCWT	1531	016463ser	ADC	January/Desember	Iceland	Reared in pens
IFF	1+	Smolt	Hatchery	Rangá	DCWT	948	016863ser	ADC	June/July	Eystri Rangá	
IFF	?	Smolt	Hatchery	Domestic stock	DCWT	972	017463ser	ADC	January/Desember	Iceland	Reared in pens
IFF	?	Smolt	Hatchery	Domestic stock	DCWT	1164	017663ser	ADC	January/Desember	Iceland	Reared in pens
IFF	1+	Smolt	Hatchery	Rangá	DCWT	1000	017963ser	ADC	June/July	Eystri Rangá	
IFF	?	Smolt	Hatchery	Domestic stock	DCWT	914	018763ser	ADC	January/Desember	Iceland	Reared in pens
IFF	?	Smolt	Hatchery	Domestic stock	DCWT	1723	018963ser	ADC	January/Desember	Iceland	Reared in pens
IFF	1+	Smolt	Hatchery	Rangá	DCWT	998	019363ser	ADC	June/July	Eystri Rangá	
IFF	?	Smolt	Hatchery	Domestic stock	DCWT	5301	019863ser	ADC	January/Desember	Iceland	Reared in pens
IFF	?	Smolt	Hatchery	Domestic stock	CWT	17658	020415	ADC	January/Desember	Iceland	Reared in pens
IFF	?	Smolt	Hatchery	Domestic stock	DCWT	5877	026463ser	ADC	January/Desember	Iceland	Reared in pens
IFF	?	Smolt	Hatchery	Domestic stock	DCWT	6380	026563ser	ADC	January/Desember	Iceland	Reared in pens
IFF	?	Smolt	Hatchery	Domestic stock	DCWT	11113	026663ser	ADC	January/Desember	Iceland	Reared in pens
IFF	?	Smolt	Hatchery	Domestic stock	DCWT	12010	026763ser	ADC	January/Desember	Iceland	Reared in pens
IFF	?	Smolt	Wild	Ellíðaár	DCWT	645	026863ser	ADC	June/July	Ellíðaár	
IFF	?	Smolt	Wild	Kálfa	DCWT	976	026863ser	ADC	June/July	Kálfa	
IFF	?	Smolt	Hatchery	Domestic stock	DCWT	8991	026863ser	ADC	January/Desember	Iceland	Reared in pens
IFF	?	Smolt	Wild	Ellíðaár	DCWT	97	026963ser	ADC	June/July	Ellíðaár	
IFF	?	Smolt	Hatchery	Domestic stock	DCWT	11292	026963ser	ADC	January/Desember	Iceland	Reared in pens
IFF	?	Smolt	Hatchery	Domestic stock	DCWT	6370	027063ser	ADC	January/Desember	Iceland	Reared in pens
IFF	?	Smolt	Wild	Ellíðaár	DCWT	3	027063ser	ADC	June/July	Ellíðaár	
IFF	?	Smolt	Hatchery	Ellíðaár	DCWT	1133	027063ser***	ADC	June/July	Ellíðaár	
IFF	?	Smolt	Wild	Kálfa	DCWT	274	027063ser	ADC	June/July	Kálfa	
IFF	1+	Smolt	Hatchery	Sogið	DCWT	1512	027063ser	ADC	June/July	Sogið	
IFF	1+	Smolt	Hatchery	Dalsá	DCWT	503	027063ser	ADC	June/July	Ölfusá	
IFF	1+	Smolt	Hatchery	Sogið	DCWT	504	027063ser	ADC	June/July	Ölfusá	
IFF	1+	Smolt	Hatchery	Rangá	DCWT	1031	027163ser	ADC	June/July	Eystri Rangá	
IFF	?	Smolt	Hatchery	Domestic stock	DCWT	8687	027163ser	ADC	January/Desember	Iceland	Reared in pens
IFF	1+	Smolt	Hatchery	Rangá	DCWT	1602	027163ser	ADC	June/July	Skógá	
IFF	1+	Smolt	Hatchery	Ellíðaár	DCWT	5257	027263ser	ADC	June/July	Ellíðaár	
IFF	1+	Smolt	Hatchery	Rangá	DCWT	2000	027263ser	ADC	June/July	Eystri Rangá	
IFF	?	Smolt	Hatchery	Domestic stock	DCWT	2122	027263ser	ADC	January/Desember	Iceland	Reared in pens
IFF	2+	Smolt	Hatchery	Rangá	DCWT	2012	027263ser	ADC	June/July	Ytri Rangá	
IFF	1+	Smolt	Hatchery	Rangá	DCWT	2070	027363ser	ADC	June/July	Eystri Rangá	
IFF	1+	Smolt	Hatchery	Dalsá	DCWT	1000	027363ser	ADC	June/July	Eystri Rangá	
IFF	?	Smolt	Hatchery	Domestic stock	DCWT	7680	027363ser	ADC	January/Desember	Iceland	Reared in pens
IFF	?	Smolt	Hatchery	Domestic stock	DCWT	11291	027463ser	ADC	January/Desember	Iceland	Reared in pens
IFF	?	Smolt	Hatchery	Domestic stock	DCWT	10446	027663ser	ADC	January/Desember	Iceland	Reared in pens
IFF	?	Smolt	Hatchery	Domestic stock	DCWT	11468	027763ser	ADC	January/Desember	Iceland	Reared in pens
IFF	?	Smolt	Hatchery	Domestic stock	DCWT	674	027863ser	ADC	January/Desember	Iceland	Reared in pens
IFF	?	Smolt	Wild	Ellíðaár	DCWT	505	027863ser***	ADC	June/July	Ellíðaár	
IFF	?	Smolt	Wild	Ellíðaár	DCWT	310	027863ser	ADC	June/July	Ellíðaár	
IFF	?	Smolt	Wild	Kálfa	DCWT	259	027863ser	ADC	June/July	Kálfa	
IFF	?	Smolt	Wild	Vesturdalsá	DCWT	608	027863ser	ADC	June/July	Vesturdalsá	
IFF	1+	Smolt	Hatchery	Ellíðaár	DCWT	247	027963ser***	ADC	June/July	Ellíðaár	
IFF	1+	Smolt	Hatchery	Ellíðaár	DCWT	4002	027963ser	ADC	June/July	Ellíðaár	
IFF	?	Smolt	Wild	Kálfa	DCWT	687	027963ser	ADC	June/July	Kálfa	
IFF	1+	Smolt	Hatchery	Sogið	DCWT	1507	027963ser	ADC	June/July	Sogið	
IFF	1+	Smolt	Hatchery	?	DCWT	5015	027963ser	ADC	June/July	Tungufjót	
IFF	1+	Smolt	Hatchery	Ellíðaár	DCWT	6764	028063ser	ADC	June/July	Ellíðaár	
IFF	1+	Smolt	Hatchery	Ellíðaár	DCWT	4759	028063ser***	ADC	June/July	Ellíðaár	
IFF	?	Smolt	Hatchery	Domestic stock	DCWT	7230	028263ser	ADC	January/Desember	Iceland	Reared in pens
IFF	?	Smolt	Hatchery	Domestic stock	DCWT	11978	028363ser	ADC	January/Desember	Iceland	Reared in pens
IFF	?	Smolt	Hatchery	Domestic stock	CWT	87	060215	ADC	January/Desember	Iceland	Reared in pens
IFF	?	Smolt	Hatchery	Domestic stock	CWT	1649	070213	ADC	January/Desember	Iceland	Reared in pens
IFF	?	Smolt	Hatchery	Domestic stock	CWT	6072	100015	ADC	January/Desember	Iceland	Reared in pens
IFF	?	Smolt	Hatchery	Domestic stock	CWT	1356	120615	ADC	January/Desember	Iceland	Reared in pens
IFF	?	Smolt	Hatchery	Domestic stock	CWT	1931	130815	ADC	January/Desember	Iceland	Reared in pens
IFF	?	Smolt	Hatchery	Domestic stock	CWT	9782	131413	ADC	January/Desember	Iceland	Reared in pens

Marketing season: 2005		Country: Iceland						Page 2 of 2	
RAC	Adult	Vatnsdalsá	T_Dart_green	4	IS77075-IS77078	none	June/August	Vatnsdalsá	Catch and Release
RAC	Adult	Laxá í Kjós og Bugða	T_Bar_white	79	Kjos 2002: 26-479	none	June/August	Laxá í Kjós og Bugða	Catch and release
RAC	Adult	Grímsá	T_Bar_blue	153	Grímsá 2350-2925	none	June/August	Grímsá	Catch and release
RAC	Adult	Haffjarðará	T_Bar_green	18	IS67975-IS67995	none	June/August	Haffjarðará	Catch and release
RAC	Adult	Haffjarðará	T_Bar_green	35	IS75383-IS75466	none	June/August	Haffjarðará	Catch and release
RAC	Adult	Haffjarðará	T_Bar_green	1	IS75754	none	June/August	Haffjarðará	Catch and release
RAC	Adult	Haffjarðará	T_Bar_green	21	IS76650-IS76696	none	June/August	Haffjarðará	Catch and release
RAC	Adult	Laxá í Aðaldal	T_Bar_green	6	IS70705-IS70713	none	June/August	Laxá í Aðaldal	Catch and release
RAC	Adult	Laxá í Aðaldal	T_Bar_green	17	IS75550-IS75583	none	June/August	Laxá í Aðaldal	Catch and release
RAC	Adult	Laxá í Aðaldal	T_Bar_green	5	IS75675-IS75689	none	June/August	Laxá í Aðaldal	Catch and release
RAC	Adult	Laxá í Aðaldal	T_Bar_green	2	IS76645-IS76646	none	June/August	Laxá í Aðaldal	Catch and release
RAC	Adult	Selá í Vopnafirði	T_Bar_green	1	IS67789	none	June/August	Selá í Vopnafirði	Catch and release
RAC	Adult	Selá í Vopnafirði	T_Bar_green	20	IS70756-IS70774	none	June/August	Selá í Vopnafirði	Catch and release
RAC	Adult	Selá í Vopnafirði	T_Bar_green	42	IS70925-IS70995	none	June/August	Selá í Vopnafirði	Catch and release
RAC	Adult	Selá í Vopnafirði	T_Bar_green	1	IS72632	none	June/August	Selá í Vopnafirði	Catch and release
RAC	Adult	Selá í Vopnafirði	T_Bar_green	1	IS71646	none	June/August	Selá í Vopnafirði	Catch and release
RAC	Adult	Selá í Vopnafirði	T_Bar_green	21	IS77600-IS77666	none	June/August	Selá í Vopnafirði	Catch and release
RAC	Adult	Selá í Vopnafirði	T_Bar_green	53	IS77701-IS77799	none	June/August	Selá í Vopnafirði	Catch and release
RAC	Adult	Laxá í Leirársveit	T_Bar_green	22	IS75525-IS75553	none	June/August	Laxá í Leirársveit	Catch and release
RAC	Adult	Laxá í Leirársveit	T_Bar_green	26	IS76800-IS76843	none	June/August	Laxá í Leirársveit	Catch and release
RAC	Adult	Hofsá í Vopnafirði	T_Bar_green	4	IS71026-IS71030	none	June/August	Hofsá í Vopnafirði	Catch and release
RAC	Adult	Hofsá í Vopnafirði	T_Bar_green	5	IS71142-IS71147	none	June/August	Hofsá í Vopnafirði	Catch and release
RAC	Adult	Hofsá í Vopnafirði	T_Bar_green	1	IS71240	none	June/August	Hofsá í Vopnafirði	Catch and release
RAC	Adult	Hofsá í Vopnafirði	T_Bar_green	3	IS75771-IS75789	none	June/August	Hofsá í Vopnafirði	Catch and release
RAC	Adult	Hofsá í Vopnafirði	T_Bar_green	35	IS75814-IS75897	none	June/August	Hofsá í Vopnafirði	Catch and release
RAC	Adult	Hofsá í Vopnafirði	T_Bar_green	21	IS75900-IS75924	none	June/August	Hofsá í Vopnafirði	Catch and release
RAC	Adult	Hofsá í Vopnafirði	T_Bar_green	7	IS76859-IS76886	none	June/August	Hofsá í Vopnafirði	Catch and release
RAC	Adult	Hofsá í Vopnafirði	T_Bar_green	4	IS76950-IS76953	none	June/August	Hofsá í Vopnafirði	Catch and release
STR	Smolt	Hatchery	River Galtalækur	T_Bar_white	50	IS01854-IS01900****	none	June/August	River Galtalækur
STR	Smolt	Hatchery	River Galtalækur	T_Bar_white	8	IS01993-IS02000****	none	June/August	River Galtalækur
STR	Smolt	Hatchery	River Galtalækur	T_Bar_white	34	IS01512-IS01550****	none	June/August	River Galtalækur
STR	Smolt	Hatchery	River Galtalækur	T_Bar_white	4	IS01471-IS01474****	none	June/August	River Galtalækur
STR	Smolt	Hatchery	River Galtalækur	T_Bar_white	3	IS01698-IS01700****	none	June/August	River Galtalækur
STR	Smolt	Hatchery	River Galtalækur	T_Bar_blue	191	IS73800-IS73993****	none	June/August	River Galtalækur
STR	Smolt	Hatchery	River Galtalækur	DST	2	****	none	June/August	River Galtalækur
STR	Smolt	Hatchery	River Galtalækur	DST (dummys)	36	****	none	June/August	River Galtalækur

* IFF: Institute of Freshwater Fisheries

* RAC: Local River Association and fishermen

* STR: Salmon & Trout Research

** DCWT =Desimal coded wire tag, CWT= coded wire tag, ADC=adipose fin clip

*** Smolts tagged with two different codes (about 1/3 has two tags in snout).

**** Some of these fish may include DST data storage tag or vice versa

3.4 Ireland

Marking Agency	Age	Life Stage	Hatchery or Wild	Stock Origin	Primary Tag/Brand	Number Marked	Code or Serial No.	Auxiliary clip	Release Date	Location of release	Comment
Marine Institute	1+	Parr	H	Lee	CWT	10024	47/01/67	Adipose	02/04/2003	Cork City	
Ireland	1+	Parr	H	Shannon	CWT	11092	47/01/64	Adipose	27/03/2003	Parteen	
Migration 2003	1+	Parr	H	Shannon	CWT	11978	47/01/65	Adipose	27/03/2003	Parteen	
	1+	Parr	H	Shannon	CWT	8454	47/01/66	Adipose	11/04/2003	Parteen	
	1+	Parr	H	Shannon	CWT	3287	47/01/68a	Adipose	11/04/2003	Parteen	
	1+	Parr	H	Shannon	CWT	3478	47/01/69a	Adipose	11/04/2003	Parteen	
	1+	Parr	H	Shannon	CWT	3783	47/01/70a	Adipose	11/04/2003	Parteen	
	1+	Parr	H	Shannon	CWT	2611	47/01/71a	Adipose	11/04/2003	Parteen	
	1+	Parr	H	Shannon	CWT	2212	47/01/85a	Adipose	11/04/2003	Parteen	
	1+	Parr	H	Shannon	CWT	4846	47/04/08a	Adipose	11/04/2003	Parteen	
	1+	Parr	H	Shannon	CWT	4230	47/18/21c	Adipose	11/04/2003	Parteen	
	1+	Parr	H	Shannon	CWT	8421	47/01/94	Adipose	11/04/2003	Parteen	
	1+	Parr	H	Shannon	CWT	12127	47/01/95	Adipose	11/04/2003	Parteen	
	1+	Parr	H	Shannon	CWT	6857	47/01/93	Adipose	11/04/2003	Parteen	
	1+	Parr	H	Burrishoole	CWT/N	11785	47/01/96	Adipose	26/04/2003	Delphi	
	1+	Parr	H	Burrishoole	CWT/N	2146	47/19/56b	Adipose	26/04/2003	Delphi	
	1+	Parr	H	Bundorragha	CWT	11611	47/01/97	Adipose	26/04/2003	Delphi	
	1+	Parr	H	Bundorragha	CWT	12034	47/01/98	Adipose	26/04/2003	Delphi	
	1+	Parr	H	Bundorragha	CWT	1093	47/17/36c	Adipose	26/04/2003	Delphi	
	1+	Parr	H	Bundorragha	CWT	828	47/01/84a	Adipose	26/04/2003	Delphi	
	1+	Parr	H	Bundorragha	CWT	1103	47/03/12a	Adipose	26/04/2003	Delphi	
	1+	Parr	H	Bundorragha	CWT	6441	47/02/67	Adipose	26/04/2003	Delphi	
	1+	Parr	H	Bundorragha	CWT	5642	47/02/68	Adipose	26/04/2003	Delphi	
	1+	Parr	H	Bundorragha	CWT	5556	47/02/69	Adipose	26/04/2003	Delphi	
	1+	Parr	H	Bundorragha	CWT	3808	47/02/70	Adipose	26/04/2003	Delphi	
	1+	Parr	H	Bunowen	CWT	1596	47/19/62b	Adipose	14/03/2003	Bunowen	
	1+	Parr	H	Bunowen	CWT	11989	47/01/99	Adipose	14/03/2003	Bunowen	
	1+	Parr	H	Erriff	CWT	11490	47/02/64	Adipose	14/03/2003	Erriff	
	1+	Parr	H	Erriff	CWT	11790	47/02/65	Adipose	14/03/2003	Erriff	
	1+	Parr	H	Cong	CWT	11732	47/02/66	Adipose	14/03/2003	Corrib	
	1+	Parr	H	Cong	CWT/seq	10508	47/02/02a	Adipose	14/03/2003	Corrib	
	1+	Parr	H	Cong	CWT	5178	47/02/79	Adipose	28/04/2003	Gowla	
	1+	Parr	H	Cong	CWT	5163	47/02/80	Adipose	28/04/2003	Gowla	
	1+	Parr	H	Cong	CWT	5215	47/02/81	Adipose	29/04/2003	Invermore	
	1+	Parr	H	Cong	CWT	5197	47/02/82	Adipose	29/04/2003	Invermore	
	1+	Parr	H	Burrishoole	CWT	2324	47/19/35b	Adipose	01/05/2003	Burrishoole	
	1+	Parr	H	Burrishoole	CWT	4601	47/02/71	Adipose	01/05/2003	Burrishoole	
	1+	Parr	H	Burrishoole	CWT	4612	47/02/72	Adipose	01/05/2003	Burrishoole	
	1+	Parr	H	Burrishoole	CWT	4674	47/02/73	Adipose	01/05/2003	Burrishoole	
	1+	Parr	H	Burrishoole	CWT	4864	47/02/74	Adipose	01/05/2003	Burrishoole	
	1+	Parr	H	Shannon	CWT/V	7115	47/02/75	Adipose	30/04/2003	Burrishoole	
	1+	Parr	H	Shannon	CWT/V	7042	47/02/76	Adipose	30/04/2003	Burrishoole	
	1+	Parr	H	Burrishoole	CWT	4984	47/02/77	Adipose	01/05/2003	Burrishoole	
	1+	Parr	H	Shannon	CWT/V	7028	47/02/78	Adipose	30/04/2003	Burrishoole	
	1+	Parr	H	Shannon	CWT/V	4116	47/00/00d	Adipose	30/04/2003	Burrishoole	
	1+	Parr	H	Shannon	CWT/V	6308	47/02/83	Adipose	30/04/2003	Burrishoole	
	1+	Parr	H	Shannon	CWT/V	7072	47/02/84	Adipose	30/04/2003	Burrishoole	
	1+	Parr	H	Erne	CWT	10278	47/02/85	Adipose	01/05/2003	Erne	
	1/2/3+	Smolt	W	Corrib	CWT	172	47/18/26b	Adipose	08/04/2003	Galway	
	1/2/3+	Smolt	W	Corrib	CWT	581	47/17/37d	Adipose	14/04/2003	Galway	
	1/2/3+	Smolt	W	Corrib	CWT	556	47/17/58c	Adipose	23/04/2003	Galway	
	1/2/3+	Smolt	W	Corrib	CWT	1082	47/02/86	Adipose	30/04/2003	Galway	
	1/2/3+	Smolt	W	Corrib	CWT	529	47/02/88	Adipose	13/05/2003	Galway	
	1/2/3+	Smolt	W	Finn	CWT	389	47/03/14a	Adipose	16/04/2003	Killygordon	
	1/2/3+	Smolt	W	Finn	CWT	2616	47/02/91	Adipose	29/04/2003	Killygordon	
	1/2/3+	Smolt	W	Faughan	CWT	1346	47/03/13a	Adipose	30/04/2003	Eglinton	
	1/2/3+	Smolt	W	Faughan	CWT	762	47/02/89	Adipose	03/05/2003	Eglinton	
	1/2/3+	Smolt	W	Suir	CWT	30	47/02/87	Adipose	09/05/2003	Kilsheelan	
					Hatchery	310323					
					Wild	8063					

3.5 Norway

Grand Total Primary Marks

JUVENILES		Wild	
Hatchery			
AGE	LIFE STAGE	H/W	STOCK ORIGIN
Microtags	1 smolt	H	Dale
External Tags	1 smolt	H	Dale
Adipose Clip	1 smolt	H	Dale
Other clips, External marks	1 smolt	H	Dale
TOTAL FISH MARKI		47934	2887

ADULTS		All	
		0	0
		680	680
		0	0
		0	0
		680	

Ices compilation of Microtags, fin clip and external tag releases

Maring season : 2003

Country : Norway, addendum

MARKING AGENCY	AGE	LIFE STAGE	H/W	STOCK ORIGIN	PRIMARY TAG or MARK	NUMBER MARKED	CODE OR SERIAL NO.	AUX CLIP/MARKS	RELEASE DATE	PLACE OF RELEASE	COMMENT
IMR		1 smolt	H	Dale	CWT-seq	2039	59/01/56:2028-5253	adipose fin	04/05/2003	Dale River	untreated
IMR		1 smolt	H	Dale	CWT-seq	2019	59/01/56: 5258-8499	adipose fin	04/05/2003	Dale River	ted, anti sealice
IMR		1 smolt	H	Dale	CWT-seq	2023	59/01/56: 8515-11740	adipose fin	18/05/2003	Dale River	ted, anti sealice
IMR		1 smolt	H	Dale	CWT-seq	2082	59/01/5611743-15036	adipose fin	18/05/2003	Dale River	untreated
IMR		1 smolt	H	Dale	CWT-seq	1575	59/01/61: 126-2659	adipose fin	02/06/2003	Dale River	untreated
IMR		1 smolt	H	Dale	CWT-seq	1479	59/01/61: 2664-5013	adipose fin	02/06/2003	Dale River	ted, anti sealice
IMR		1 smolt	H	Dale	CWT-seq	229	59/01/56: 15467- 15835	adipose fin	02/06/2003	Dale River	ted, anti sealice
IMR		1 smolt	H	Dale	CWT-seq	232	59/01/56: 15840- 16215	adipose fin	02/06/2003	Dale River	parr & untreated
IMR		1 smolt	H	Dale	CWT-seq	255	59/01/56: 15052- 15462	adipose fin	02/06/2003	Dale River	untreated
IMR		1 smolt	H	Vosso	CWT-seq	2200	59/01/58:15291- 18872	adipose fin	13/05/2003	R.Vosso,Gettle	No treatment
IMR		1 smolt	H	Vosso	CWT-seq	698	59/01/58:18874-20000	adipose fin	14/05/2003	R.Vosso,Bolstad	No treatment
IMR		1 smolt	H	Vosso	CWT-seq	1698	59/01/59:169 - 2908	adipose fin	14/05/2003	R.Vosso,Bolstad	No treatment
IMR		1 smolt	H	Vosso	CWT-seq	2190	59/01/59: 2909-6497	adipose fin	14/05/2003	R.Vosso,Bolstad	Fed Anti-licefeed
IMR		1 smolt	H	Vosso	CWT-seq	2200	59/01/59:6507-10032	adipose fin	13/05/2003	R.Vosso, Flage	Fed Anti-licefeed
IMR		1 smolt	H	Vosso	CWT-seq	2225	59/01/59:10033-13629	adipose fin	13/05/2003	Towed out fjord	Fed Anti-licefeed
IMR		1 smolt	H	Vosso	CWT-seq	2200	59/01/59:13634-17196	adipose fin	13/05/2003	Towed out fjord	No treatment
IMR		1 smolt	H	Vosso	CWT-seq	1353	59/01/59:17297-19380	adipose fin	13/05/2003	R.Vosso,Gettle	Fed Anti-licefeed
IMR		1 smolt	H	Vosso	CWT-seq	467	59/01/60:133- 887	adipose fin	13/05/2003	R.Vosso,Gettle	Fed Anti-licefeed
IMR		1 smolt	H	Vosso	CWT-seq	1800	59/01/60: 889- 3745	adipose fin	13/05/2003	Towed out fjord	Fed Anti-licefeed
IMR		1 smolt	H	Vosso	CWT-seq	1700	59/01/60: 3746- 6611	adipose fin	14/05/2003	R. Vosso, Bolsta	No treatment
IMR		1 smolt	H	Vosso	CWT-seq	1700	59/01/60: 6612- 9323	adipose fin	14/05/2003	R. Vosso, Bolsta	Fed Anti-licefeed
		1 smolt	H	Vosso	CWT-seq	1900	59/01/60: 9325- 12547	adipose fin	13/05/2003	Towed out fjord	No treatment
		1 smolt	H	Vosso	CWT-seq	1425	59/01/60: 12548- 14834	adipose fin	13/05/2003	R. Vosso, Flage	No treatment
SUM CWT						35689					

30775 NINA
23200 NINA
89664 Sum

3.6 Russia

ICES COMPILATION OF MICROTAG, FIN CLIP, AND EXTERNAL TAG RELEASES

Marking Season: 2003

Country: RUSSIA

Grand Total Primary Marks

JUVENILES		ADULTS	
	Hatchery	Wild	All
Microtags	0	0	0
External Tags	0	0	2218
Adipose Clip	287200	0	0
Other clips, External marks	0	0	0
TOTAL FISH MARKED	287200	0	2218

MARKING AGENCY	AGE	LIFE STAGE	H/W	STOCK ORIGIN	PRIMARY TAG or MARK	NUMBER MARKED	CODE OR SERIAL	AUX CLIP	REL DATE	PLACE OF RELEASE	COMMENT
PINRO	1SW-4SW	adult	W	Kharlovka River	Floy	269	1001-1275		June - August	Kharlovka River	
	1SW-4SW	adult	W	E. Litsa River	Floy	131	1001-1149		June - August	E. Litsa River	
	1SW,2SW	adult	W	Ponoi River	Floy	1818	20001-22000		June - September	Ponoi River	
Karelnybvod	2.	parr	H	Keret River	AD	264900			April-May	Keret River	
	3.	parr	H	Keret River	AD	6900			April-May	Kem River	
	2.	parr	H	Keret River	AD	4500			April-May	Segezha River	
	2.	parr	H	Keret River	AD	10900			April-May	Wyg River	

3.7 Spain

ICES COMPILATION OF MICROTAG, FIN CLIP, AND EXTERNAL TAG RELEASES

Marking Season:

2003

Country:

SPAIN (Navarra)

Origin	Primary Tag or Mark			Total
	Microtag	External mark	Adipose clip	
Hatchery juvenile	10676		231703	242379
Wild juvenile				0
Adult				0
Total	10676	0	231703	242379

Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tague or Mark	Number Marked	Code or Serial	Secondary Tag or Mark	Release Date	Release Location	Comment
GN*	1+	Smolt	H	Bidasoa-02	DCWT	10676	23/50/04	ADC	February	Bidasoa	
GN*	0+	Parr	H	Bidasoa-03	ADC	162448		ADC	June	Bidasoa	
GN*	0+	Parr	H	Bidasoa-03	ADC	44954		ADC	June	Ezkurra	Tributary of Bidasoa River
GN*	0+	Parr	H	Bidasoa-03	ADC	24301		ADC	June	Ezpelura	Tributary of Bidasoa River

*GN = GOBIERNO DE NAVARRA

Dirección General de Medio Ambiente
Servicio de Conservación de la Biodiversidad
Avenida del Ejército, 2
E-31002 Pamplona (Navarra)
Spain

3.8 Sweden

Marking agency	Age	Life stage	H/W	Stock origin	Number marked	Code or serial	Auxiliary clips/marks	Release date	Place of release	Comments
Sweden	?	Juvenile	H	?		4000 Not reported				
Sweden	?	Juvenile	H	?		20580	AD CLIP ONLY			
Sweden	?	Juvenile	W	?		447 Not reported				

3.9 UK (England and Wales)

Marking season: 2003

Country: UK (England and Wales)

Totals					
Primary Tag or Mark			Total		
Origin	Microtag	External Mark	Adipose Clip	Total	
Hatchery juvenile	59,840	17,920	50,750	128,510	
Wild juvenile	6,239		1,595	7,834	
Adult		2,185		2,185	
Total fish marked			66,079	20,105	138,529

Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number marked	Code or Serial	Secondary Tag or Mark	Tag date	Release Location	Comment	
EA North East	Various	Adult	W	Tyne	Floy tag	25	Various green/orange tags	None	Jun-Dec	Tyne		
	Various	Adult	W	Thames	Radio tag			14	SAL3 TO01-20	Floy tag	Various	Thames
	Various	Adult	W	Thames	Floy tag	8,491	2 Yellow 00416/17	None	Various	Thames		
	S1	Smolt	H	Delphi	Elastomer			Adipose	20/02/03	Thames		
	EA Thames	S1	Smolt	H	Shannon	Microtag	10,090	02/42/02	Adipose	10/03/03	Thames (Kennet)	
	EA Thames	S1	Smolt	H	Shannon	Microtag	10,100	02/42/03	Adipose	10/03/03	Thames (Kennet)	
	EA Thames	S1	Smolt	H	Delphi	Microtag	9,850	01/42/49	Adipose	11/03/03	Thames (Kennet)	
	EA Thames	S1	Smolt	H	Shannon	Microtag	10,250	02/42/04	Adipose	12/03/03	Thames (Kennet)	
	EA Thames	S1	Smolt	H	Shannon	Microtag	9,550	02/42/06	Adipose	12/03/03	Thames (Kennet)	
	EA Thames	S1	Smolt	H	Delphi	Elastomer	5,221		Adipose	14/05/03	Thames	
EA Thames	S2	Smolt	H	Shannon	Elastomer	4,208		Adipose	03/02/03	Thames (Kennet)		
EA South West	Various	Adult	W	Tamar	Floy tag	97		None	Apr-Jun	Tamar		
EA South West	Various	Parr	H	Axe	None	5,200		Adipose	22/01/03	Axe		
EA South West	Various	Parr	H	Axe	None	2,000		Adipose	06/08/03	Axe		
EA Wales	Various	Adult	W	Taff	CART tag	49	Various	Floy tag	May-Dec	Taff		
EA Wales	Various	Adult	W	Taff	Floy tag	167	Green 4707-5839	None	May-Dec	Taff		
EA Wales	Various	Adult	W	Dee	Floy tag	1,195	Various blue	None	Feb-Oct	Dee		
EA Wales	S1	Smolt	H	Taff	Microtag	4,400	02/42/01	Adipose	07/03/03	Taff		
EA Wales	S2	Smolt	H	Taff	Microtag	5,600	02/42/07	Adipose	12/03/03	Taff		
EA Wales	Various	Parr	H	Mawddach	None	4,200		Adipose	16/01/03	Mawddach		
EA Wales	Various	Parr	H	Conwy	None	5,200		Adipose	05/03/03	Conwy (Lledr)		
EA Wales	Various	Parr	H	Conwy (Lledr)	None	4,000		Adipose	02/04/03	Conwy		
EA Wales	S1	Smolt	H	Dee (Tryweryn)	None	2,500		Adipose	27/01/03	Dee (Brenig)		
EA Wales	S1	Smolt	H	Dee (Tryweryn)	None	2,500		Adipose	27/01/03	Dee (Brenig)		
EA Wales	S1	Smolt	H	Dee (Tryweryn)	None	3,200		Adipose	28/01/03	Dee (Tryweryn)		
EA Wales	S1	Smolt	H	Dee (Recon. Kelt)	None	3,500		Adipose	31/03/03	Dee (Brenig)		
EA Wales	S1	Smolt	H	Dee	None	3,500		Adipose	01/04/03	Dee (Tryweryn)		
EA Wales	S1	Smolt	H	Dee	None	3,500		Adipose	02/04/03	Dee (Tryweryn)		
EA Wales	S1	Smolt	H	Dee	None	3,500		Adipose	02/04/03	Dee (Tryweryn)		
EA North West	Various	Adult	W	Eden (Caldew)	Floy tag	618	Yellow B200-900	None	Nov-Dec	Eden (Caldew)		
EA North West	S1	Smolt	H	Lune	None	8,250		Adipose	12/03/03	Lune (Various)		
EA North West	S1	Smolt	H	Lune	None	3,200		Adipose	13/03/03	Lune (Various)		
CEFAS/EA Wales	Various	Smolt	W	Dee	Microtag	2,059	01/42/22	Adipose	Apr-May	Dee		
CEFAS	Various	Smolt	W	Tamar	Microtag	4,180	01/42/48	Adipose	Apr-03	Tamar		
CEFAS	Various	Adult	W	Avon (Hants)	Radio/Acoustic	18	TW5/900-990, 3922B	Floy tag	May-July	Avon (Hants)		
CEFAS	Various	Smolt	W	Tees	Acoustic	6	2455-81	None	May	Tees		
CEFAS	Various	Parr	W	Dee (Ceiriog)	PIT	1,368	DC0021....	Adipose	Sept	Dee (Ceiriog)		
CEFAS	Various	Parr	W	Itchen	PIT	227	DC0021....	Adipose	Aug	Itchen		

3.10 UK (Northern Ireland)

ICES COMPILATION OF MICROTAG, FIN CLIP, AND EXTERNAL TAG RELEASES

Marking Season: 2003

Country: UK (N. Ireland)

Grand Total Primary Marks

JUVENILES		ADULTS	
Microtags External Tags Adipose Clip Other clips, External marks	Hatchery	Wild	All
	17526	2507	0
	0	0	0
	3472	0	0
20998		2507	0

TOTAL FISH MARKED

MARKING AGENCY	AGE	LIFE STAGE	H/W	STOCK ORIGIN	PRIMARY TAG or MARK	NUMBER MARKED	CODE OR SERIAL	AUX CLIP	REL DATE	PLACE OF RELEASE	COMMENT
DARD	2+	SMOLT	H	R. BUSH	CWT	3396	43/16/44	AD	15-Apr-03	R. BUSH	
DARD	2+	SMOLT	H	R. BUSH		3167		AD	15-Apr-03	R. BUSH	
DARD	1+	SMOLT	H	R. BUSH	CWT	10530	43/01/14	AD	17-Apr-03	R. BUSH	
DARD	1+	SMOLT	H	R. BUSH	CWT	2526	43/16/36	AD	17-Apr-03	R. LAGAN	PANJET LEFT PELVIC
DARD	1+	SMOLT	H	R. BUSH	CWT	1074	43/16/30	AD	17-Apr-03	R. LAGAN	PANJET LEFT PECTORAL
DARD	1+	SMOLT	H	R. BUSH		305		AD	17-Apr-03	R. BUSH	
DARD	2+	SMOLT	W	R. BUSH	CWT	2024	01/43/03	AD	25-Apr-03	R. BUSH	SEQUENTIAL TAGS
DARD	1+	SMOLT	W	R. BUSH	CWT	483	01/43/03	AD	09-May-03	R. BUSH	SEQUENTIAL TAGS

3.11 UK (Scotland)

ICES COMPILATION OF MICROTAG, FINCLIP, and EXTERNAL TAG RELEASES

2003

Marking Agency	Age	Life Stage	H/W	Stock Origin	Tag Type or Mark	Number Marked	Code or Serial No.	Auxiliary Clips/mark	Release Date	Place of Release	Comments
Fisheries Research Services	1or2+	Parr	W	R. Tay (Almond)	Pit Tag	282	Individual Codes	None	June 2003	Almond	Tributary of R. Tay
FRS	1-3	Parr	W	R. Dee (Girnock)	CWT Sequential	1254	62/50/26	Adipose	10/10 - 16/12/2003	Girnock	Tributary of Aberdeenshire Dee
FRS	2-4	Smolt	W	R. Dee (Girnock)	CWT Sequential	2167	62/50/26	Adipose	28/01 - 1/05/2003	Girnock	Tributary of Aberdeenshire Dee
FRS	1-4	Smolt	W	R. North Esk	Green Mod Carlin &	1564	C60031 - C61607 &	Adipose	01/04 - 18/05/2003	North Esk	
FRS	1-4	Smolt	W	R. North Esk	DCWT Sequential	1444	A00002 - A01507 &	Adipose	02/04 - 05/06/2003	North Esk	
FRS	1-4	Smolt	W	R. North Esk	DCWT Sequential	1092	62/01/03	Adipose	18/04 - 24/04/2003	North Esk	
FRS	2-4	Smolt	W	R. North Esk (Westwater)	Pit Tag	588	Individual Codes	Adipose	20/03 - 16/05/2003	Westwater	Tributary of R. North Esk
FRS	1-3	Parr	W	R. North Esk (Water of Mark)	Pit Tag	192	Individual Codes	Adipose	23/06 - 26/09/2003	Water of Mark	Tributary of R. North Esk
FRS	2+, 3+	Smolt	W	R. Conon	Pit Tag	1122	Individual Codes		April/May 2003	Conon	
FRS	Adult	Adult	W	R. Conon	Floy Tag - Green	20	P000526-P000550		23/04-30/05/2003	Conon	
FRS	Adult	Adult	W	R. Conon	Floy Tag - Orange	18	000007 - 0000025	Adipose	30/10/2003	Conon	
Tweed Foundation	Parr	Parr	W	R. Tweed	CWT	500	62/30/01	Adipose	Summer 2003	Tweed Catchment	
River Naver Fishery Board	Adult	Adult	W	R. Naver	Floy Tag - Blue	59	200-375	None	Mar - May 2003	Naver	
R.N.F.B.	Adult	Adult	W	R. Naver	Floy Tag - Yellow	130	976 - 1150	None	Jun - Sep 2003	Naver	
Tay District Salmon Fishery Board	Adult	Adult	W	R. Tay	Needle Tag - Grey	500	1 - 1000	None	15/01 - 15/10/2003	Tay	
West Sutherland Fisheries Trust	Smolt	Smolt	W	Manse Loch	Pink Elastomer Dye	288	N/A	None	April/May 2003	Manse system	
Seafield Centre	1+	Smolt	H	R. Carron	CWT	6000	62/30/02 & 62/30/04	Adipose	18/05/2003	Carron	
Seafield Centre	1+	Smolt	H	R. Applecross	CWT	1500	62/30/04	Adipose	15/05/2003	Applecross	
Kyle of Sutherland	Adult	Adult	W	R. Shin	Floy Tag - Green	10	270-500	None	Aug-Sep 2003	Shin	
D.S.F.B.											

3.12 USA

USA

ICES COMPILATION OF MICROTAG, FIN CLIP, AND EXTERNAL TAG RELEASES

Marking Season: 2003

Country: USA

Origin	Primary Tag or Mark			Total
	Microtag	External mark	Adipose clip	
Hatchery juvenile	0	495,066	356,737	495,066
Wild juvenile	0	410	0	2,711
Adult	0	3,623	0	5,089
Total	0	499,099	356,737	502,866

Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number Marked	Code or Serial	Secondary Tag or Mark	Release Date	Release Location	Comment
PGE	4	Adult	W	Connecticut	RAD	4		PIT	May		
USGS	0,1	Parr	W	Connecticut	PIT	2000				West Brook Study	
USGS	0,1	Parr	W	Connecticut	PIT	410		PAINT		Smith Brook Study	
USFWS	2	Smolt	H	Connecticut	AD	87737			April		
USFWS	4	Adult	H	Dennys	PIT	53			Dec		
USFWS	5	Adult	H	Dennys	PIT	78			Dec		
NOAA/USFWS	0	Parr	H	Dennys	LV	30400			Oct		
NOAA/USFWS	1	Parr	H	Dennys	VIE	600		AD	April		
NOAA/USFWS	1	Smolt	H	Dennys	VIE	28500		AD	April		
NOAA/USFWS	1	Smolt	H	Dennys	VIE	26700		AD	May		
USFWS	4	Adult	H	East Machias	PIT	102			Oct		
USFWS	4	Adult	H	Machias	PIT	196			Dec		
USFWS	5	Adult	H	Machias	PIT	180			April		
NHFG	3	Adult	H	Merrimack	FLOY	420			May		
NHFG	3	Adult	H	Merrimack	FLOY	257			June		
NHFG	3	Adult	H	Merrimack	FLOY	400			Oct		
NHFG	4	Adult	H	Merrimack	FLOY	200			April		
NHFG	4	Adult	H	Merrimack	FLOY	432			May		
NHFG	4	Adult	H	Merrimack	FLOY	150			June		

Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number Marked	Code or Serial	Secondary Tag or Mark	Release Date	Release Location	Comment
NHFG	4	Adult	H	Merrimack	FLOY	100			Oct		
USFWS	1	Parr	H	Merrimack	RV	600			June	Pemigewasset River	
USFWS	1	Parr	H	Merrimack	RV	329			June	Souhegan River	
USFWS	2	Smolt	H	Merrimack	RV	1000			April	Lawrence, MA	
USFWS	4	Adult	H	Narragaus	PIT	192			Dec		
USFWS	5	Adult	H	Narragaus	PIT	144			April		
NOAA	2	Smolt	W	Narragaus	PING	101			May		
ASC/USGS		Adult	W	Penobscot	PIT	447			July		
USFWS	3	Adult	H	Penobscot	AP	898			Nov		
USFWS	4	Adult	H	Penobscot	AP	766			Nov		
NOAA/USFWS	0	Parr	H	Penobscot	RV	106000			Sept		
NOAA/USFWS	1	Smolt	H	Penobscot	DYE	1200		AD	April		
NOAA/USFWS	1	Smolt	H	Penobscot	DYE	4200		AD	May		
NOAA/USFWS	1	Smolt	H	Penobscot	DYE	2100		AD	June		
NOAA/USFWS	1	Smolt	H	Penobscot	VIE	98200		AD	April		
NOAA/USFWS	1	Smolt	H	Penobscot	VIE	24600		AD	April		
NOAA/USFWS	1	Smolt	H	Penobscot	VIE	6400		AD	May		
NOAA/USFWS	1	Smolt	H	Penobscot	VIE	73700		AD	May		
PSNH	1	Smolt	W	Penobscot	RAD	200			May	Garvins Falls, MK River	
NOAA/USFWS	1	Smolt	H	Pleasant	VIE	2800		AD	May		
USFWS	4	Adult	H	Sheepscot	PIT	70			Dec		

APPENDIX 1

NATIONAL TAG CLEARING HOUSES TO WHICH ATLANTIC SALMON TAGS SHOULD BE RETURNED FOR VERIFICATION

Country	Institution	Address
BELGIUM	Unite de Recherches en Biologie des Organismes	Rue de Bruxelles, 61 B-5000 NAMUR (Belgique) Claire.Prignon@fundp.ac.be
CANADA	Atlantic Salmon Tag Clearing House Department of Fisheries & Oceans Bedford Institute of Oceanography (Att. K. Rutherford)	P.O.Box 1006 Darmouth Nova Scotia, B2Y 4A2 RutherfordK@mar.dfo-mpo.gc.ca
DENMARK	Danmarks Fiskeri og Havundersogelser	Charlottenlund Slot DK-2920 Charlottenlund ffi@dfu.min.dk
FAROES	Faroes Fisheries Laboratories	Noatun, P.O. Box 3051 FO-110 Torshavn janarge@frs.fo
FINLAND	Finnish Game & Fisheries Research Institute	P.O. Box 202 SF-00151 Helsinki maiya.lansman@rktl.fi
FRANCE	Conseil Supérieur de la Pêche	Délégation Régionale 84, rue de Rennes F-35510 Cesson-Sévigné jean-pierre.porcher@csp.environnement.gouv.fr
ICELAND	Institute of Freshwater Fisheries	Vagnhofdi 7 112 Reykjavik Gudni.Gudbergsson@veidimal.is
IRELAND	Marine Institute Fisheries Research Center (Att. A. Cullen)	Abbotstown, Castleknock Dublin 15 Anne.cullen@marine.ie
NORWAY	Norwegian Institute for Nature Research (NINA)	Tungasletta 2 N-7005 Trondheim l.p.hansen@ninaosl.ninaniku.no
PORTUGAL	Institute Superior Agronomia Dept. de Engenharia Florestal	Tapada da Ajuda 1399 Lisbon Portugal
RUSSIA	Knipovitch Polar Research Institute of Marine Fisheries & Oceanography (Att. S. Prusov)	6 Knipovitch Street 183763 Murmansk prusov@pinro.ru
SPAIN (Navarra)	Gobierno de Navarra Servicio de Medio Ambiente	c/o Alhondiga, 1E 31002 Pamplona

SPAIN (Asturias)	Principado de Asturias Consejeria de Agricultura (Att. Mr. Jeronimo de la Hoz)	Seccion de Pesca fluvial C/ Coronel Aranda s/n 33005 OVIEDO – ASTURIAS
SWEDEN	Laxforskningsinstitutet Swedish Salmon Research Institute	Forskarstigen S-814 94 Alvkarleby
UK (England Wales)	CEFAS, Lowestoft Laboratory &(Att. I. Russell)	Pakefield Road, Lowestoft Suffolk NR33 OHT i.c.russell@cefas.co.uk
UK (Scotland)	Fisheries Research Services (Att. J. Higgins)	Freshwater Fisheries Lab. Field Station, 16 River Street, Montrose DD108DL j.higgins@marlab.ac.uk
UK (N Ireland)	Department of Agriculture and Rural Development for N. Ireland, Bushmills Salmon Station (Att. J. Moffett)	21 Church Stree Bushmills Co. Antrim BT57 8QJ ian.moffett@dardni.gov.uk
USA	Northwest Fisheries Center NMFS/NOAA (Att. T.Sheehan)	166 Water Street Woods Hole, MA 02543 Russell.Brown@noaa.gov
