

# **ICES WGNAS 2005**

**ADVISORY COMMITTEE ON FISHERIES MANAGEMENT  
ICES CM 2005/ACFM:17 ADDENDUM**

## **ICES Compilation of Microtags, Fin-clip, and External Tag Releases 2004 by The Working Group on North Atlantic Salmon**

**5-14 April**

**Nuuk, Greenland**



**International Council for the Exploration of the Sea  
Conseil International pour l'Exploration de la Mer**

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Recommended format for purposes of citation:

ICES. 2005. ICES Compilation of Microtags, Finclip, and External Tag Releases 2004 by The Working Group on North Atlantic Salmon, 5-14 April, Nuuk, Greenland. ICES CM 2005/ACFM:17 Addendum. 29 pp.

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## **1 Terms of Reference**

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The terms of reference for the 2005 Working Group on North Atlantic Salmon (C.Res. 2004/2ACFM04) stated that the Group should

“With respect to the Atlantic salmon in the NASCO area, provide a compilation of tag releases by countries in 2004”.

Data were provided by Working Group members for national tagging programs, as far as possible including all agencies and organizations. These compilations for 2004 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 (Annex 1).

## 2 Summary Table

**TABLE 1. SUMMARY OF ATLANTIC SALMON TAGGED AND MARKED IN 2004.** 'Hatchery' and 'Wild' refer to smolt and parr; 'Adults' refers to wild and hatchery fish 2004.

Country	Origin	Primary Tag or Mark			Total
		Microtag	External mark	Adipose clip	
Canada	Hatchery	0	9,347	1,197,991	1,207,338
	Wild	1,073	31,639	4,565	37,277
	Adult	0	6,926	829	7,755
	Total	1,073	47,912	1,203,385	1,252,370
France	Hatchery	0	132,396	458,991	591,387
	Wild	0	28,346	891	29,237
	Adult	15	0	0	15
	Total	15	160,742	459,882	620,639
Germany	Hatchery	43,785	0	95,000	138,785
	Wild	0	0	0	0
	Adult	0	0	0	0
	Total	43,785	0	95,000	138,785
Iceland	Hatchery <sup>1</sup>	278,848	0	0	278,848
	Wild	3,090	0	0	3,090
	Adult	0	513	0	513
	Total	281,938	513	0	282,451
Ireland	Hatchery	392,635	0	0	392,635
	Wild	8,280	0	0	8,280
	Adult	0	0	0	0
	Total	400,915	0	0	400,915
Norway	Hatchery	14,127	54,820	0	68,947
	Wild	1,923	2,446	0	4,369
	Adult	0	282	0	282
	Total	16,050	57,548	0	73,598
Russia	Hatchery	0	0	1,077,620	1,077,620
	Wild	0	0	0	0
	Adult	0	2,402	0	2,402
	Total	0	2,402	1,077,620	1,080,022
Spain	Hatchery	76,160	974	140,326	217,460
	Wild	0	954	0	954
	Adult	0	0	0	0
	Total	76,160	1,928	140,326	218,414
Sweden	Hatchery	0	3,000	40,157	43,157
	Wild	0	552	0	552
	Adult	0	0	0	0
	Total	0	3,552	40,157	43,709
UK (England & Wales)	Hatchery	80,868	0	87,458	168,326
	Wild	9,682	2,800	1,906	14,388
	Adult	0	1,216	0	1,216
	Total	90,550	4,016	89,364	183,930
UK (N. Ireland)	Hatchery	17,436	0	47,610	65,046
	Wild	1,784	0	0	1,784
	Adult	0	0	0	0
	Total	19,220	0	47,610	66,830
UK (Scotland)	Hatchery	11,043	0	0	11,043
	Wild	4,712	2,519	2,304	9,535
	Adult	0	1,292	0	1,292
	Total	15,755	3,811	2,304	21,870
USA <sup>2</sup>	Hatchery	0	568,846	438,204	569,143
	Wild	0	459	0	995
	Adult	0	2,698	0	4,424
	Total	0	572,003	438,204	574,562
All Countries	Hatchery	871,117	769,383	3,488,357	4,829,735
	Wild	30,544	69,715	9,666	110,461
	Adult	15	15,329	829	17,899
	Total	901,676	854,427	3,498,852	4,958,095

<sup>1</sup> The number of microtagged hatchery fish in Iceland includes 200,926 fish reared in seapens.

<sup>2</sup> The total numbers includes internal tags.

### 3 Number of tags and marks applied to Atlantic salmon by countries for 2004

#### 3.1 Canada

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

Marking Season: 2004

Country: Canada

**Grand Total Primary Marks**

JUVENILES	Hatchery	Wild	ADULTS	All
Microtags	0	1073		1073
External Tags	9347	31639	6926	47912
Adipose Clip	1197991	4565	829	1203385
Other clips, External marks				
<b>TOTAL</b>	1207338	37277	7755	1252370

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
Maritimes Region	1+	smolt	H	Tusket	ADC	22500			April	Tusket River	
	1+	smolt	H	LaHave	Blue Streamer	1333		ADC	April	LaHave River	
	1+	smolt	H	LaHave	ADC	11880			April	LaHave River	
	1+	smolt	H	LaHave	ADC	12336			May	LaHave River	
	1+	smolt	H	LaHave	Clear Streamer	4998		ADC	May	LaHave River	
	1+	smolt	H	LaHave	Black Streamer	1664		ADC	May	LaHave River	
	1+	smolt	H	LaHave	ADC	3328			May	LaHave River	
	1+	smolt	H	LaHave	ADC	681			June	LaHave River	
	1+	smolt	H	Gaspereau	ADC	10066			May	Gaspereau River	
	1+	smolt	H	Sackville	ADC	9344			May	Sackville River	
	1+	smolt	H	Sackville	ADC	500			June	Sackville River	
	1+	smolt	H	Stewiacke	ADC	7406			May	Stewiacke River	
	1+	smolt	H	Stewiacke	ADC	4640			May	Folly River	
	1+	smolt	H	Stewiacke	ADC	8152			May	Debert River	
	1+	smolt	H	Stewiacke	ADC	24778			May	Great Village River	
	0+	parr	H	Tusket	ADC	1088			Oct	Tusket River	
	0+	parr	H	LaHave	ADC	8000			Oct	LaHave River	
	0+	parr	H	Gaspereau	ADC	8378			Oct	Gaspereau River	
Maritimes Region	0+	parr	H	Stewiacke	ADC	2884			Oct	Stewiacke River	
		smolt	H	Stewiacke	Yellow Carlin	337	B201, B204, B205, B208, B209, B210, B213, B215, B218, B219, B220, B221, B223, B225, B228, B229, B231, B232, B234, B235, B237, B238, B239, B241-2,	ADC	May	Stewiacke River	

## Canada continued

							B243, B245, B249, B250, B251, B259,			
							B261, B262, B264, B265, B270, B274,			
							B276, B277, B278, B279, B282-B284,			
							B285, B291, B292, B293, B296, B300,			
							B301, B302, B304, B306, B309, B313,			
							B315, B318, B319, B322, B327, B328,			
							B329, B331, B333, B334, B336, B341-B349,			
							B356, B362, B363, B369-B373,			
							B378, B380-B384, B390-B396, B403			
							B408, B410, B411, B413, B416, B417,			
							B418, B419, B421, B423, B424, B426,			
							B429, B434, B436, B438, B439, B441,			
							B442, B444, B445, B447, B449, B450,			
							B454, B455, B457, B458, B462, B466,			
							B468-9, B470, B471, B472, B474, B475,			
							B478, B479, B480, B481, B483, B485,			
							B492, B493, B494, B497, B499, B502,			
							B503, B504, B510, B513, B514, B515,			
							B516, B518, B519-B526, B528-B533,			
							B535-B537, B539-B702, B704			
		Adult	genebank	Gold	ADC	20			Oct	Gold River
		Adult	genebank	Gold	red carlin	83	D006, D009, D025, D027, D030, D032,	ADC	Oct	Gold River
							D045, D059, D067, D086, D123, D136,			
							D161, D177, D179, D184, D189, D191, D201,			
							D205, D217, D223, D226, D227, D249,			
							D259, D262, D264, D273, D277, D279,			
							D281, D282, D284, D288, D294, D303			
							D901-D905, D907-D911, D913-D920,			
							D922-D929, D931-936, D938, D940-			
							D944, D947-D954			
Nova Scotia Power Inc	1+	smolt	H	Gaspereau	garment tags - blue, pink, clear, teal, green, red, black, orange, yellow,	886		ADC	May-June	Gaspereau River
Maritimes Region	1	Smolt	H	Magaguadavic River	ADC	918			May	Magaguadavic River
	1	Smolt	H	Magaguadavic River	ADC	910		right eye red vie	May	Magaguadavic River
	0+	Parr	H	Magaguadavic River	ADC	8,434			September	Magaguadavic River
	MSW	Adult	Captive Rea	Black River	Carlin Tag	46	A350, A371, A379, A385, A398, A403,		October	Black River
							A406-A410, A416, A425, A434, A441,			
							A444, A445, A453, A459, A464, A469,			
							A471, A474, A475, A480, A482, A492,			



Canada continued

						A496, A499, A500, A503, A508, A520,				
						A521, A527, A528, A536, A542, A543,				
						A545, A547, A549, A550, A554, A562,				
						A564				
	1	Smolt	H	Hammond River	ADC	4,001			May	Hammond River
	1	Smolt	H	Saint John River	ADC	52,178			May	Saint John River
	1+	Parr	H	Saint John River	ADC	47,760			May	Saint John River
	0+	Parr	H	Hammond River	ADC	16,371			September	Hammond River
	0+	Parr	H	Saint John River	ADC	129,147			September	Tobique River
	MSW	Adult	Captive Rea	Saint John River	Carlin Tag	49	AA73261,AA73230,AA73289,AA73221,		October	Saint John River
							AA73544,AA73234,AA73557,AA73203,			
							AA73575,AA73270,AA73279,AA73294,			
							AA73266,AA73571,AA73265,AA73578,			
							AA72370,AA73250,AA73520,AA73517,			
							AA73569,AA73516,AA73391,AA73599,			
							AA73591,AA73218,AA73560,AA73567,			
							AA73226,AA73285,AA73538,AA73559,			
							AA73523,AA73585,AA73217,AA73533,			
							AA73551,AA73220,AA73240,AA73269,			
							AA73296,AA73231,AA73295,AA73210,			
							AA73272,AA73562,AA73515,AA73235,			
							AA73259			
	1SW	Adult	Captive Rea	Saint John River	Garment Tag (T-Bar)	27		ADC	October	Saint John River
	MSW	Adult	Captive Rea	Saint John River	V-Notch	29			November	Tobique River
	MSW	Adult	Captive Rea	Saint John River	Carlin Tag	9	E12301,E12570,E12591,	V-Notch	November	Tobique River
							E12236,E12534,E12485,			
							AA73573,E12445,E12328			
	1SW	Adult	Captive Rea	Saint John River	V-Notch Adipose	104			September	Tobique River
	1SW	Adult	Captive Rea	Saint John River	Carlin Tag	30	AA73249, AA73267, AA73568,	V-Notch	September	Tobique River
							E12204, 209, 213, 241			
							263, 285, 309, 339, 345			
							347, 381, 382, 404, 418			
							421, 423, 424, 435, 472			
							475, 478, 489, 504, 508			
							537, 555, 594			
	1SW	Adult	Captive Rea	Saint John River	V-Notch Adipose	109			October	Tobique River
	MSW	Adult	Captive Rea	Saint John River	V-Notch Adipose	596			October	Tobique River
	1	Smolt	H	Big Salmon River	ADC	13,224			May	Big Salmon River
	1+	Parr	H	Big Salmon River	ADC	5,438			May	Big Salmon River
	0+	Parr	H	Big Salmon River	ADC	36,500			August	Big Salmon River

## Canada continued

	0+	Parr	H	Big Salmon River	ADC	36,437			September	Big Salmon River	
	0+	Parr	H	Big Salmon River	ADC	17,906			October	Big Salmon River	
	MSW	Adult	Captive Rea	Big Salmon River	Carlin Tag	13	AA84002,A235,A099,A202		October	Big Salmon River	Pit Tag
							AA84965,T52501,AA84902				
							AA47182,A207,A138,A251				
							A156,A056				
	ISW	Adult	Captive Rea	Big Salmon River	Carlin Tag	187	F6731, F6669, F6717, F6866, F6868,	ADC	October	Point Wolf River	PIT TAGGED
							F6502, F6678, F6702, F6824, F6881,				
							F6810, F6812, F6531, F6839, F6825,				
							F6713, F6884, F6670, F6816, F6828,				
							F6861, F6711, F6714, F6771, F6836,				
							F6842, F6844, F6811, F6823, F6876,				
							F6583, F6802, F6745, F6750, F6758,				
							F6559, F6790, F6785, F6801, F6722,				
							F6853, F6689, F6736, F6743, F6795,				
							F6507, F6535, F6582, F6674, F6732,				
							F6544, F6571, F6581, F6568, F6768,				
							F6764, F6826, F6840, F6882, D9800,				
Maritimes Region							F6503, F6504, F6516, F6519, F6526,				
							F6528, F6532, F6533, F6536, F6537,				
							F6540, F6551, F6552, F6557, F6558,				
							F6563, F6565, F6567, F6570, F6573,				
							F6574, F6580, F6584, F6586-F6599,				
							F6601-F6612, F6614, F6616-FF6621,				
							F6623-FF6630, F6632-F6638, F6640-				
							F6657, F6659-F6664, F6665, F6666,				
							F6727-F6729, F6740, F6746, F6751,				
							F6753, F6754, F6765, F6775, F6792,				
							F6796, F6797, F6799, F6804, F6817,				
							F6820, F6821, F6829, F6833, F6835,				
							F6838, F6841, F6846, F6849, F6862				
	MSW	Adult	Captive Rea	Big Salmon River	Carlin Tag	32	C002,C004,C007,C013,C030	ADC	October	Point Wolf River	PIT TAGGED
							C047,C055,C077,C175,C201				
							C202,C231,C234,C239,C240				
							C433,C458,C474,C477,C502				
							C512,C523,C529,C535,C540				
							C569,C573,F8056,F8057,F8083				
							F8095,F8105				
	ISW	Adult	Captive Rea	Big Salmon River	Carlin Tag	24	F6711,F6620,F6502,F6607,F6797	ADC	October	Point Wolf River	RADIO TAGGED
							F6650,F6601,F6614,F6623,F6641				
							F6849,F6659,F6621,F6648,F6821				

Canada continued

							F6536,F6775,F6636,F6729,F6565				
							F6753,F6595,F6586,F6573				
	1+	Post-Smolt	Captive Rea	Saint John River	ADC	819			August	Loch Lomond Lake	
	2 - 4yr	smolt	81H/192W	Big Salmon River	STR- Clear	273	AA20314-AA20588		May-June	Big Salmon River	
	2-4yr	smolt	5W	Saint John River	STR- Clear	5	AA10846-AA10850		Apr-May	Saint John River	fyke net capture
	2-4yr	smolt	41H/234W	Saint John River	STR- Clear	275	AA10360-AA10809	41 H- ADC	Apr-May	Saint John River	tags not used:
											AA10362-AA10365,
	2 - 4yr	smolt	7H/550W	Nashwaak River	STR- Clear	557	AA-17261-AA17821	7H- ADC	Apr-May	Nashwaak River	
St. Croix Intl Waterway Comm	0+	Parr	H	St. Croix R	ADC	2,845		^brand@dorsall	Oct	St. Croix R	
		Adult	H	St. Croix R	blue carlin	6	E97908, A39891, A39898, E97914, E97902, A39899		Nov	St. Croix R	
QUÉBEC		Smolt	W	Riv. Betsiamites (0707)	Adipose clip	69			june-july	Riv. Betsiamites (0707)	
		Smolt	W	Riv. St-Jean (0736)	Adipose clip	301			june-july	Riv. St-Jean (0736)	
	2 or 3 years	Smolt	W	Riv. Sainte-Marguerite (0628)	Brown ribbon (Duration: 1½ m)	1549			June	Riv. Sainte-Marguerite (0628)	Writing: CIRSA
	2 or 3 years	Smolt	W	Riv. Cascapédia (0110)	Adipose clip	4195			may-june	Riv. Cascapédia (0110)	
ADAM	1+	smolt	H	Margaree River	Adipose Clip (AC)	30051		none	June	Margaree Watershed	ADAM = Aquatic Development
ADAM	0+	fall fingerlings	H	Margaree River	AC	88922		none	Sept - Oct 2000	Margaree Watershed	
DFO	2+ and 3+	smolt	W	Margaree River	Clear Streamer	1984	A70,001-A72,000	none	May - June 2000	Northeast Margaree River	
Parks Canada	1SW, MSW	Adult	W	Cheticamp River	Carlin-blue	58	YY33,801- YY33,874	UpCaudal Punct	July - Nov.	Cheticamp River	estuarial traps
DFO Gulf	2+ to 4+	Smolt	W	Kedgwick	STR-clear	249	A13749 to A14000	none	May/June	Kedgwick	RST tagging
DFO Gulf	2+ to 4+	Smolt	W	Kedgwick	STR-clear	1,961	A50001 to A52000	none	May/June	Kedgwick	RST tagging
DFO Gulf	2+ to 4+	Smolt	W	Kedgwick	STR-green	62	NW24801 to NW24862	none	May/June	Kedgwick	RST tagging
DFO Gulf	2+ to 4+	Smolt	W	Restigouche	STR-clear	3,791	A52001 to A55830	none	May/June	Restigouche	RST tagging
DFO Gulf	2+ to 4+	Smolt	W	Upsalquitch	STR-clear	589	A56001 to A56600	none	May/June	Upsalquitch	RST tagging
JD Irving	2+ to 4+	Smolt	W	Little Main Restigouche	STR-clear	86	A08853 to A08979	none	May/June	Little Main Restigouche	RST tagging
JD Irving	2+ to 4+	Smolt	W	Little Main Restigouche	STR-clear	36	A12158 to A12193	none	May/June	Little Main Restigouche	RST tagging
JD Irving	2+ to 4+	Smolt	W	Little Main Restigouche	STR-clear	148	A12000 to A12300	none	Oct/Nov	Little Main Restigouche	RST tagging
JD Irving	2+ to 4+	Smolt	W	Little Main Restigouche	STR-green	123	NW24551 to NW24673	none	Oct/Nov	Little Main Restigouche	RST tagging
MSRT	0+	Parr	H	Little Main Restigouche	adipose clip	24,000		none	October	Little Main Restigouche	New Brunswick
JD Irving	0+	Parr	H	Little Main Restigouche	adipose clip	26,000		none	October	Little Main Restigouche	New Brunswick
DFO Gulf	1SW	Adult	W	Miramichi	Carlin-blue	88	YY2313 - YY2400	none	June	SW Miramichi	estuarial traps

## Canada continued

DFO Gulf	ISW	Adult	W	Miramichi	Carlin-blue	30	YY2471 - YY2500	none	June	SW Miramichi	estuarial traps
DFO Gulf	ISW	Adult	W	Miramichi	Carlin-blue	248	YY2751 - YY3000	none	June / July	SW Miramichi	estuarial traps
DFO Gulf	MSW	Adult	W	Miramichi	Carlin-blue	40	YY3711 - YY3750	none	June / July	SW Miramichi	estuarial traps
DFO Gulf	MSW	Adult	W	Miramichi	Carlin-blue	50	YY3951 - YY4000	none	July	SW Miramichi	estuarial traps
DFO Gulf	ISW	Adult	W	Miramichi	Carlin-blue	999	YY6001 - YY7000	none	July - Sept.	SW Miramichi	estuarial traps
DFO Gulf	MSW	Adult	W	Miramichi	Carlin-blue	873	YY7001 - YY7876	none	Juky - Oct.	SW Miramichi	estuarial traps
DFO Gulf	ISW	Adult	W	Miramichi	Carlin-blue	766	YY8001 - YY8766	none	Sept. / Oct.	SW Miramichi	estuarial traps
DFO Gulf	ISW, MSW	Adult	W	Miramichi	Carlin-blue	338	YY3162 - YY3500	none	June - Oct.	NW Miramichi	estuarial traps
DFO Gulf	ISW	Adult	W	Miramichi	Carlin-blue	75	YY3876 - YY3950	none	June	NW Miramichi	estuarial traps
DFO Gulf	ISW	Adult	W	Miramichi	Carlin-blue	997	YY4001 - YY5000	none	June - Oct.	NW Miramichi	estuarial traps
DFO Gulf	ISW	Adult	W	Miramichi	Carlin-blue	42	YY5601 - YY5642	none	Oct.	NW Miramichi	estuarial traps
DFO Gulf	MSW	Adult	W	Miramichi	Carlin-blue	9	YY9001 - YY9009	none	Oct.	NW Miramichi	estuarial traps
DFO Gulf	ISW, MSW	Adult	W	Miramichi	Carlin-blue	576	YY5001 - YY5577	none	June - Sept.	NW Miramichi	estuarial traps
DFO Gulf	ISW, MSW	Adult	W	Miramichi	Carlin-blue	276	YY5701 - YY5978	none	June - Sept.	NW Miramichi	estuarial traps
DFO Gulf	ISW, MSW	Adult	W	Rocky Brook	Carlin-blue	60	ZZ4000 - ZZ4060	none	Sept.	Rocky Brook	RST
DFO Gulf	ISW, MSW	Adult	W	Catamaran brook	Carlin-blue	17	YY8851 - YY8874	none	Oct.	Catamaran brook	counting fence
DFO Gulf	ISW, MSW	Adult	W	Catamaran brook	Carlin-blue	9	ZZ99855 - ZZ99863	none	Oct. / Nov.	Catamaran brook	counting fence
Burnt Church	ISW, MSW	Adult	W	Tabusintac R.	Carlin-blue	34	XX48 - XX81	none	Aug. - Oct.	Tabusintac R.	estuarial traps
.	.	.	.	.	.	.	.	.	.	.	.
DFO Gulf	2+, 3+ and 4+	Smolts	W	LSW Miramichi	Clear streamer	26	A22968 - A22300	none	May	LSW Miramichi	RST
DFO Gulf	2+, 3+ and 4+	Smolts	W	LSW Miramichi	Clear streamer	196	A24001 - A24200	none	May	LSW Miramichi	RST
DFO Gulf	2+, 3+ and 4+	Smolts	W	LSW Miramichi	Clear streamer	685	A24251 - A2500	none	May	LSW Miramichi	RST
DFO Gulf	2+, 3+ and 4+	Smolts	W	NW Miramichi	Clear streamer	51	A25001 - A25050	none	May	NW Miramichi	RST
DFO Gulf	2+, 3+ and 4+	Smolts	W	LSW Miramichi	Clear streamer	20	A25059 - A25078	none	May	LSW Miramichi	RST
DFO Gulf	2+, 3+ and 4+	Smolts	W	NW Miramichi	Clear streamer	50	A25101 - A25150	none	May	NW Miramichi	RST
DFO Gulf	2+ and 3+	Pre-smolts	W	Clearwater	Clear streamer	111	A25151 - A25265	none	Oct.	Clearwater	RST
DFO Gulf	2+ and 3+	Pre-smolts	W	Clearwater	Clear streamer	95	A25551 - A26634	none	Oct. - Nov.	Clearwater	RST
DFO Gulf	2+, 3+ and 4+	Smolts	W	LSW Miramichi	Clear streamer	1110	A26851 - A28000	none	May / June	LSW Miramichi	RST
DFO Gulf	2+, 3+ and 4+	Smolts	W	Dungarvon	Clear streamer	994	A32001 - A33000	none	May	Dungarvon	RST
DFO Gulf	2+, 3+ and 4+	Smolts	W	Cains	Clear streamer	754	A33001 - A33756	none	May / June	Cains	RST
DFO Gulf	2+ and 3+	Pre-smolts	W	Rocky Brook	Clear streamer	144	A33801 - A33968	none	Oct. - Nov.	Rocky Brook	RST
DFO Gulf	2+, 3+ and 4+	smolts	W	Dungarvon	Clear streamer	1989	A34001 - A36000	none	May / June	Dungarvon	RST
DFO Gulf	2+, 3+ and 4+	smolts	W	Cains	Clear streamer	1974	A36001 - A38000	none	May	Cains	RST
DFO Gulf	2+, 3+ and 4+	smolts	W	Cains	Clear streamer	333	A38651 - A39000	none	May	Cains	RST
DFO Gulf	2+, 3+ and 4+	smolts	W	Clearwater	Clear streamer	391	A39001 - A39400	none	May / June	Clearwater	RST
DFO Gulf	2+, 3+ and 4+	smolts	W	Clearwater	Clear streamer	26	A39451 - A39477	none	June	Clearwater	RST
DFO Gulf	2+, 3+ and 4+	smolts	W	Clearwater	Clear streamer	97	A39501 - A39699	none	May	Clearwater	RST
DFO Gulf	2+, 3+ and 4+	smolts	W	Clearwater	Clear streamer	193	A39751 - A39950	none	May	Clearwater	RST
DFO Gulf	2+, 3+ and 4+	smolts	W	Clearwater	Clear streamer	19	A40214 - A40248	none	May	Clearwater	RST
DFO Gulf	2+, 3+ and 4+	smolts	W	Rocky Brook	Clear streamer	50	A40251 - A40300	none	May	Rocky Brook	RST
DFO Gulf	2+, 3+ and 4+	smolts	W	Rocky Brook	Clear streamer	50	A40351 - A440400	none	May	Rocky Brook	RST
DFO Gulf	2+, 3+ and 4+	smolts	W	Rocky Brook	Clear streamer	4	A40597 - A40600	none	May	Rocky Brook	RST
DFO Gulf	2+, 3+ and 4+	smolts	W	Rocky Brook	Clear streamer	314	A40667 - A40999	none	May	Rocky Brook	RST
DFO Gulf	2+, 3+ and 4+	smolts	W	Rocky Brook	Wire nose tag	1073	none	noe	Oct. - Nov.	Rocky Brook	RST

Canada continued

DFO Gulf	2+, 3+ and 4+	smolts	W	Dungarvon	Clear streamer	26	A42951 - A42950	none	May	Dungarvon	RST
DFO Gulf	2+, 3+ and 4+	smolts	W	Rocky Brook	Clear streamer	288	A42951 - A43250	none	May	Rocky Brook	RST
DFO Gulf	2+, 3+ and 4+	smolts	W	Clearwater	Clear streamer	30	A43251 - A43280	none	June	Clearwater	RST
DFO Gulf	2+ and 3+	Pre-smolts	W	Clearwater	Clear streamer	19	A43281 - A43300	none	Oct.	Clearwater	RST
DFO Gulf	2+, 3+ and 4+	smolts	W	Clearwater	Clear streamer	48	A43301 - A43350	none	June	Clearwater	RST
DFO Gulf	2+ and 3+	Pre-smolts	W	Rocky Brook	Clear streamer	193	A43354 - A43549	none	Oct.	Rocky Brook	RST
DFO Gulf	2+, 3+ and 4+	smolts	W	Dungarvon	Clear streamer	92	A43551 - A43644	none	June	Dungarvon	RST
DFO Gulf	2+, 3+ and 4+	smolts	W	Cassilis	Clear streamer	2038	A44001 - A46100	none	May / June	Cassilis	estuarial traps
DFO Gulf	2+, 3+ and 4+	smolts	W	LSW Miramichi	Clear streamer	154	A47001 - A47151	none	June	LSW Miramichi	RST
DFO Gulf	2+, 3+ and 4+	smolts	W	LSW Miramichi	Clear streamer	48	A47351 - A47398	none	May	LSW Miramichi	RST
Miramichi SEC	0+	parr	H	LSW Miramichi	AC	19037	None	none	Nov.	LSW Miramichi	
Miramichi SEC	0+	parr	H	NW Miramichi	AC	27511	None	none	Sept. - Oct.	NW Miramichi	
Miramichi SEC	0+	parr	H	Sevogle	AC	17868	None	none	Sept. - Oct.	Sevogle	
Miramichi SEC	0+	parr	H	Cains	AC	42890	None	none	Sept. - Oct.	Cains	
Miramichi SEC	0+	parr	H	Clearwater	AC	65951	None	none	Sept. - Oct.	Clearwater	
Miramichi SEC	0+	parr	H	Dungarvon	AC	46910	None	none	Sept. - Oct.	Dungarvon	
Miramichi SEC	0+	parr	H	SW Miramichi	AC	259202	None	none	Sept. - Oct.	SW Miramichi	
ASF	2+, 3+ and 4+	smolts	W	Miramichi R.	Acoustic	100	2745F-2844F	none	May - June	Miramichi R.	
Cardigan Hatchery PEI	2+	smolt	H	Morell River	Adipose clip	40800	none	none	May	Mooneys Pond, Morell R.	
DFO (NL)		Kelt	Wild	Campbellton River	Orange T-Bar	339	J44651-J44671, J44673-J44744 J44746-J44779, J44781-J44887, J44889-J44994		May-June	Campbellton River	Counting Fence
DFO (NL)		Kelt	w		T. Bar	14	J43826 /49	adipose clip		Northeast Brook Trepassey	
DFO (NL)		Kelt	w		T. Bar	7	J43862 /68	adipose clip		Northeast Brook Trepassey	
DFO (NL)		Kelt	w		T. Bar	28	J43873/ 43900	adipose clip		Northeast Brook Trepassey	
DFO (NL)		Kelt	w		T. Bar	21	J42524/44	adipose clip		Northeast Brook Trepassey	
DFO (NL)		Kelt	w		T. Bar	11	H41501/11	adipose clip		Northeast Brook Trepassey	
DFO (NL)		Smolt	w	Conne River	green streamer	2018	3128 - 5147			Conne River	
NL Region		Kelt	w	Western Arm Brook	Green Carlin Tag	31	N5941 - N5971		May-04	Western Arm Brook	Downstream Trap
DFO		Smolt	W	Exploits River	Green Streamer	989	NFA8000 - NFA8999		May 23 - June	Exploits River	
DFO		Smolt	W	Exploits River	Green Streamer	332	NFA7400 - NFA7749		June 20 - July	Exploits River	
DFO		Smolt	W	Exploits River	Green Streamer	50	NFB1051 - NFB1100		29-May	Exploits River	
DFO		Smolt	W	Exploits River	Green Streamer	3,979	NFC0001 - NFC4399		May 16 - July	Exploits River	
DFO		Kelt	W	Exploits River	Green Streamer	18	NFC0051 - NFC0069		14-Jun	Exploits River	
DFO		Kelt	W	Exploits River	Green Streamer	196	NFC2051 - NFC2350		May 16 - June	Exploits River	
DFO		Kelt	W	Exploits River	Green Streamer	49	NFC2701 - NFC2750		June 4 - June 5	Exploits River	
DFO		Kelt	W	Exploits River	Purple T-Bar Anchor	92	0067 - 0197		June 1 - June 3	Exploits River	

## 3.2 France

## ICES compilation of microtag, fin clip, and external tag releases.

Marking Season: 2004

Country: France

## Grand Total Primary Marks

JUVENILES	Hatchery		Wild	ADULTS	All
	Microtags	External Tags	Adipose Clip		
					15
	458,991		891		
Other clips and marks	132,396		28,346		
<b>TOTAL FISH MARKED</b>	<b>591,387</b>		<b>29,237</b>		<b>15</b>

MARKING AGENCY <sup>(1)</sup>	AGE	LIFE STAGE	H/W	STOCK ORIGIN	PRIMARY TAG, MARK <sup>(2)</sup>	NUMBER MARKED	CODE OR SERIAL	AUX CLIP	RELEASE DATE	PLACE OF RELEASE	COMMENT
Association Saumon-Rhin	1SW and 2SW	Adult	W	Unknown	CWT	15	K36-K49	ADC	July-August	Rhine	Returning fish trapped at Iffezheim dam (fishpass), 700 km from the sea
	1+	Smolt	H	Allier	ADC	4000			April	Bruche (Rhine)	
FDAPPMA 35	0+	Parr	H	Brittany	ADC	29,381			October	Couesnon + trib.	
FDAPPMA 29	0+	Parr	H	Brittany	ADC	219,342			June-September	Aulne + tributaries	
INRA - Conseil Supérieur de la Pêche	1+, 2	Smolt	W	Oir	ADC	891			January-June	Oir (Sélune)	Research on monitored River Oir
SMAT du Haut-Allier	1+	Smolt	H	Allier	ADC	94,831			February	Allier	
	1+	Parr	H	Allier	ADC	115,437			February	Allier	
Association MiGaDo	1	Smolt	W	Garonne	Fluor. Yellow	14,103		ADC	March	Garonne	Lower stretch (below Golfech)
	0+	Parr	W	Garonne	Fluor. Pink	13,445			July	Garonne	Upper course
	0+	Parr	H	Garonne	Fluor. Pink	19,985			July	Garonne	Upper course
	0+	Parr	H	Adour	Fluor. Pink	24,211			July-August	Garonne	Upper course
	1	Smolt	W	Dordogne	Fluor. R, Y, B	538			March	Dordogne	Lower stretch (below Bergerac)
	1+	Smolt	W	Dordogne	Fluor. R, Y, B	71			May	Dordogne	Lower stretch (Mauzac)
	1+	Parr	W	Dordogne	Fluor. Blue	189			May	Dordogne	Middle stretch
	0+	Parr	H	Dordogne	Fluor. O, Y	39,000			July	Dordogne	Upper stretch
	0+	Parr	H	Dordogne	Fluor. G, Pink	22,200			July	Dordogne + tributaries	Upper Dordogne, Ménoire, Cère
0+	Parr	H	Dordogne	Fluor. Pink	27,000			July	Dordogne	Upper Dordogne	
<b>TOTAL</b>						<b>620,639</b>					

(1) FDPMA : Departmental Anglers Federation. INRA: National Agronomical Research Institute. SMAT du Haut-Allier : syndicat mixte d'aménagement du Haut-Allier

(2) CWT: Coded Wire Tag. ADC: adipose fin clipping. Fluor.: fluorescent pigment splashed with a spray gun. Y: yellow, O: orange, R: red, B: blue, G: green.

**Remark** : adult salmon are marked by dermojet tattooing or pelvic fin cutting for population estimation purposes in different locations: Chopolo (Nive), Uxondoa (Nivelle), Sordes l'Abbaye (Gave d'Oloron) the Moulin des Princes (Scorff), Eu (Bresle). Salmon smolt are also marked by various means on the monitored rivers Bresle, Oir and Scorff. These fish are not included in this table.

### 3.3 Germany

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

Marking Season: 2004

Country: Germany/Rhine catchment

#### Grand Total Primary Marks

	JUVENILES		ADULTS	
	Hatchery	Wild	All	
Microtags	43785	0	0	
External Tags	0	0	0	
Adipose Clip	95000	0	0	
Other clips, External marks	0	0	0	
<b>TOTAL FISH MARKED</b>	<b>138785</b>	<b>0</b>	<b>0</b>	

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
LÖBF NRW	1+	SMOLT	H	Burrishoole	CWT	1000	23/11/23	A. Clip	20-Mar-04	Dhünn	Sequential tags
LÖBF NRW	1+	SMOLT	H	Burrishoole	CWT	5000	23/11/23	A. Clip	25-Mar-04	Dhünn	Sequential tags
LÖBF NRW	1+	SMOLT	H	Burrishoole	CWT	5000	23/11/23	A. Clip	26-Mar-04	Dhünn	Sequential tags
LÖBF NRW	1+	SMOLT	H	Burrishoole	CWT	3900	23/11/23		29. Mar 04	Wupper	Sequential tags
LÖBF NRW	1+	SMOLT	H	Burrishoole	CWT	2820	23/11/24		29. Mar 04	Wupper	Sequential tags
LÖBF NRW	1+	SMOLT	H	Burrishoole	CWT	20400	23/12/10 + 23/12/11	A. Clip	01-Apr-04	Dhünn	Sequential tags
LÖBF NRW	1+	SMOLT	H	Ätran	A. Clip	21200			14-Apr-04	Agger	
LÖBF NRW	1+	SMOLT	H	Ätran	A. Clip	20400			06-Apr-04	Bröl	
LÖBF NRW	1+	SMOLT	H	Ätran	A. Clip	16700			23-Mar-04	Sieg	
LÖBF NRW	1+	SMOLT	H	Ätran	A. Clip	8700			24-Mar-04	Sieg	
LÖBF NRW	1+	SMOLT	H	Ätran	A. Clip	26000			29-Mar-04	Sieg	
LÖBF NRW	1+	SMOLT	H	Ätran	A. Clip	2000			05-May-04	Ruhr	
FRS BW	1+	Parrs	H	Burrishoole	CWT	233	23/11/12	A. Clip	17/ Nov/ 04	Kinzig / Upper Rhin	Sequential tags
FRS BW	1+	Parrs	H	Burrishoole	CWT	382	23/11/27	A. Clip	17/ Nov/ 04	Kinzig / Upper Rhin	Sequential tags
FRS BW	0+	Parrs	H	Allier	CWT	5050	23/11/27	A. Clip	11-Nov-04	Kinzig / Upper Rhin	Sequential tags

LÖBF NRW = Landesanstalt für Ökologie, Bodenordnung und Forsten NRW  
 Abt. Fischerei und Gewässerökologie  
 Heinsbergerstr. 53  
 57399 Kirchhundem, Germany

FRS BW = Fisheries Research Station of Baden-Wuerttemberg, Germany

## 3.4 Iceland

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

Marking Season: 2004

Country: Iceland

Grand Total Primary Marks

	JUVENILES		ADULTS
	Hatchery	Wild	All
Microtagged	278848	3090	0
External	0	0	513
Adipose	0	0	0
Other clips, internal tags	0	53	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	1+	Smolt	Hatchery	Sogið	DCWT	3368	027563ser	ADC	June/July	Sogið	
IFF	1+	Smolt	Hatchery	Domestic stock	DCWT	8088	027563ser	ADC	January/December	Iceland	Reared in seapens
IFF	1+	Smolt	Hatchery	Elliðaár	DCWT	9821	028163ser	ADC	June/July	Elliðaár	
IFF	1+	Smolt	Hatchery	Sogið	DCWT	1654	028163ser	ADC	June/July	Sogið	
IFF	1+	Smolt	Hatchery	Domestic stock	DCWT	11786	028463ser	ADC	January/December	Iceland	Reared in seapens
IFF	1+	Smolt	Hatchery	Domestic stock	DCWT	11501	028563ser	ADC	January/December	Iceland	Reared in seapens
IFF	1+	Smolt	Hatchery	Domestic stock	DCWT	11796	028663ser	ADC	January/December	Iceland	Reared in seapens
IFF	1+	Smolt	Hatchery	Domestic stock	DCWT	11082	028763ser	ADC	January/December	Iceland	Reared in seapens
IFF	1+	Smolt	Hatchery	Domestic stock	DCWT	11284	028863ser	ADC	January/December	Iceland	Reared in seapens
IFF	1+	Smolt	Hatchery	Leirvogsa	DCWT	243	028863ser	ADC	January/December	Leirvogsa	
IFF	1+	Smolt	Hatchery	Domestic stock	DCWT	11637	028963ser	ADC	January/December	Iceland	Reared in seapens
IFF	1+	Smolt	Hatchery	Domestic stock	DCWT	11909	029063ser	ADC	January/December	Iceland	Reared in seapens
IFF	1+	Smolt	Hatchery	Domestic stock	DCWT	11278	029163ser	ADC	January/December	Iceland	Reared in seapens
IFF	1+	Smolt	Hatchery	Domestic stock	DCWT	11877	029263ser	ADC	January/December	Iceland	Reared in seapens
IFF	1+	Smolt	Hatchery	Domestic stock	DCWT	11421	029363ser	ADC	January/December	Iceland	Reared in seapens
IFF	1+	Smolt	Hatchery	Domestic stock	DCWT	11021	029963ser	ADC	January/December	Iceland	Reared in seapens
IFF	1+	Smolt	Hatchery	Domestic stock	DCWT	11538	036463ser	ADC	January/December	Iceland	Reared in seapens
IFF	1+	Smolt	Hatchery	Domestic stock	DCWT	4416	036563ser	ADC	January/December	Iceland	Reared in seapens
IFF	1+	Smolt	Hatchery	Stóra Laxá	DCWT	1504	036563ser	ADC	June/July	Stóra Laxá	
IFF	1+	Smolt	Hatchery	Ölfusa	DCWT	1205	036563ser	ADC	June/July	Ölfusa	
IFF	1+	Smolt	Hatchery	Leirvogsa	DCWT	2782	036563ser	ADC	June/July	Leirvogsa	
IFF	1+	Smolt	Hatchery	Vatnsá	DCWT	5363	036663ser	ADC	June/July	Vatnsá	
IFF	1+	Smolt	Hatchery	Domestic stock	DCWT	10282	036763ser	ADC	January/December	Iceland	Reared in seapens
IFF	1+	Smolt	Hatchery	Elliðaár	DCWT	5464	036863ser	ADC	June/July	Elliðaár	
IFF	1+	Smolt	Hatchery	Straumfjarðaá	DCWT	2003	036863ser	ADC	June/July	Grímsá in Miklaholtshreppur.	
IFF	?	Smolt	Wild	Vesturdalsá	DCWT	7	036963ser	ADC	June/July	Vesturdalsá in Vopnafjörður	
IFF	?	Smolt	Wild	Kálfá	DCWT	68	036963ser	ADC	June/July	Kálfá	
IFF	?	Smolt	Wild	Vesturdalsá	DCWT	717	036963ser	ADC	June/July	Vesturdalsá in Vopnafjörður	
IFF	1+	Smolt	Hatchery	Elliðaár	DCWT	11461	037163ser***	ADC	June/July	Elliðaár	
IFF	1+	Smolt	Hatchery	Elliðaár	DCWT	376	037363ser***	ADC	June/July	Elliðaár	
IFF	?	Smolt	Wild	Elliðaár	DCWT	2193	037363ser	ADC	June/July	Elliðaár	
IFF	?	Smolt	Wild	Kálfá	DCWT	105	037363ser	ADC	June/July	Kálfá	
STR	1+	Smolt	Hatchery	Breiðdalsá	DCWT	4036	120363ser	ADC	June/July	Breiðdalsá	
STR	1+	Smolt	Hatchery	Breiðdalsá	DCWT	1014	120363ser	ADC	June/July	Pverá (Eystri Rangá)	
STR	0+	Smolt	Hatchery	Vesturdalsá	DCWT	2019	038863ser	ADC	June/July	Vesturdalsá in Vopnafjörður	
STR	1+	Smolt	Hatchery	Tungufjót	DCWT	2007	120263ser	ADC	June/July	Tungufjót	
STR	1+	Smolt	Hatchery	Þjórsá	DCWT	10019	120463ser	ADC	June/July	Þjórsá	
STR	1+	Smolt	Hatchery	Reykjadalsá	DCWT	2003	120263ser	ADC	June/July	Hafnará	
STR	1+	Smolt	Hatchery	Reykjadalsá	DCWT	502	120263ser	ADC	June/July	Skógá	
STR	1+	Smolt	Hatchery	Kálfá	DCWT	1007	120263ser	ADC	June/July	Eystri - Rangá	
STR	1+	Smolt	Hatchery	Eystri-Rangá	DCWT	3046	120263ser	ADC	June/July	Eystri - Rangá	
STR	1+	Smolt	Hatchery	Eystri-Rangá	DCWT	3033	120363ser	ADC	June/July	Eystri - Rangá	
STR	1+	Smolt	Hatchery	Eystri - Rangá	DCWT	1014	120063ser	ADC	June/July	Eystri - Rangá	
STR	1+ og 2+	Smolt	Hatchery	Ytri - Rangá	DCWT	979	120063ser	ADC	June/July	Ytri - Rangá	
STR	1+	Smolt	Hatchery	Hólsá	DCWT	1000	120063ser	ADC	June/July	Hólsá	
STR	1+ (fract. 2+)	Smolt	Hatchery	Skógá	DCWT	1009	120063ser	ADC	June/July	Skógá	
STR	1+	Smolt	Hatchery	Domestic stock	DCWT	11555	037663ser	ADC	January/December	Iceland	Reared in seapens
STR	1+	Smolt	Hatchery	Domestic stock	DCWT	11499	037763ser	ADC	January/December	Iceland	Reared in seapens
STR	1+	Smolt	Hatchery	Domestic stock	DCWT	11496	037863ser	ADC	January/December	Iceland	Reared in seapens
STR	1+	Smolt	Hatchery	Domestic stock	DCWT	5450	037963ser	ADC	January/December	Iceland	Reared in seapens



## Iceland continued

Continued

Marking Season: 2004

Country: Iceland

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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
RAC	?	Adult	Wild	Selá in Vopnafjörður	T_bar_green	5	IS67792-IS67797	none	June/August	Selá in Vopnafjörður	Catch and Release
RAC	?	Adult	Wild	Selá in Vopnafjörður	T_bar_green	8	IS70932-IS70950	none	June/August	Selá in Vopnafjörður	Catch and Release
RAC	?	Adult	Wild	Selá in Vopnafjörður	Dart_green	24	IS80260-IS80299	none	June/August	Selá in Vopnafjörður	Catch and Release
RAC	?	Adult	Wild	Selá in Vopnafjörður	Dart_green	1	IS80343	none	June/August	Selá in Vopnafjörður	Catch and Release
RAC	?	Adult	Wild	Selá in Vopnafjörður	Dart_green	48	IS80426-IS80498	none	June/August	Selá in Vopnafjörður	Catch and Release
RAC	?	Adult	Wild	Selá in Vopnafjörður	T_bar_green	83	IS81339-IS81438	none	June/August	Selá in Vopnafjörður	Catch and Release
RAC	?	Adult	Wild	Vesturdalsá	T_bar_green	1	IS80840	none	June/August	Vesturdalsá in Vopnafjörður	Catch and Release
RAC	?	Adult	Wild	Laxá í Aðaldal	T_bar_green	4	IS70618-IS70624	none	June/August	Laxá í Aðaldal	Catch and Release
RAC	?	Adult	Wild	Laxá in Aðaldalur	T_bar_green	31	IS75561-IS75662	none	June/August	Laxá in Aðaldalur	Catch and Release
RAC	?	Adult	Wild	Laxá in Aðaldalur	T_bar_green	15	IS76625-IS76649	none	June/August	Laxá in Aðaldalur	Catch and Release
RAC	?	Adult	Wild	Haffjarðará	T_bar_green	83	IS79802-IS79899	none	June/August	Haffjarðará	Catch and Release
RAC	?	Adult	Wild	Haffjarðará	T_bar_green	9	IS79951-IS79960	none	June/August	Haffjarðará	Catch and Release
RAC	?	Adult	Wild	Laxá í Kjós and Bugða	T_bar_white	5	365-481	none	June/August	Laxá í Kjós and Bugða	Catch and Release
RAC	?	Adult	Wild	Laxá in Leirársveit	T_bar_green	18	IS75700-IS75728	none	June/August	Laxá in Leirársveit	Catch and Release
RAC	?	Adult	Wild	Laxá in Leirársveit	T_bar_green	5	IS76819-IS76824	none	June/August	Laxá in Leirársveit	Catch and Release
RAC	?	Adult	Wild	Grímsá	T_bar_green	3	IS80900-IS80902	none	June/August	Grímsá	Catch and Release
RAC	?	Adult	Wild	Grímsá	T_bar_green	4	IS81003-IS81026	none	June/August	Grímsá	Catch and Release
RAC	?	Adult	Wild	Hofsá in Vopnafjörður	T_bar_green	7	IS75864-IS75874	none	June/August	Hofsá in Vopnafjörður	Catch and Release
RAC	?	Adult	Wild	Hofsá in Vopnafjörður	T_bar_green	1	IS75900	none	June/August	Hofsá in Vopnafjörður	Catch and Release
RAC	?	Adult	Wild	Hofsá in Vopnafjörður	T_bar_green	18	IS76862-IS76899	none	June/August	Hofsá in Vopnafjörður	Catch and Release
RAC	?	Adult	Wild	Hofsá in Vopnafjörður	T_bar_green	5	IS76910-IS76917	none	June/August	Hofsá in Vopnafjörður	Catch and Release
RAC	?	Adult	Wild	Hofsá in Vopnafjörður	T_bar_green	1	IS76970	none	June/August	Hofsá in Vopnafjörður	Catch and Release
RAC	?	Adult	Wild	Hofsá in Vopnafjörður	Dart_green	7	IS80301-IS80319	none	June/August	Hofsá in Vopnafjörður	Catch and Release
RAC	?	Adult	Wild	Hofsá in Vopnafjörður	Dart_green	16	IS80351-IS80319	none	June/August	Hofsá in Vopnafjörður	Catch and Release
RAC	?	Adult	Wild	Hofsá in Vopnafjörður	Dart_green	6	IS80433-IS80445	none	June/August	Hofsá in Vopnafjörður	Catch and Release
RAC	?	Adult	Wild	Hofsá in Vopnafjörður	T_bar_green	1	IS80742	none	June/August	Hofsá in Vopnafjörður	Catch and Release
RAC	?	Adult	Wild	Hofsá in Vopnafjörður	T_bar_green	25	IS81235-IS81299	none	June/August	Hofsá in Vopnafjörður	Catch and Release
IFF	?	Adult	Wild	Filjótaá	T_bar_green	3	IS79053-IS79055	none	June/August	Filjótaá	Catch and Release
IFF	?	Adult	Wild	Elliðaár	Radiotag-External	18	150.403-150.864 MHZ	none	June/August	Elliðaár	F2120/F2130 from ATS
IFF	?	Adult	Wild	Rangá	Radiotag-External	20	150-152 MHZ	none	June/August	Rangá	F2120/F2130 from ATS
IFF	?	Adult	Wild	Þjórsá	Radiotag-External	21	150-152 MHZ	none	June/August	Þjórsá	F2120/F2130 from ATS
IFF	?	Smolt	Wild and Hatch.	Kálfá	Radiotag-internal	19	150.728-151.074 MHZ	none	June/July	Kálfá	Pip3 single celled tag from Biotrack ltd
IFF	?	Smolt	Wild and Hatch.	Kálfá	Radiotag-internal	19	151.112-151.492 MHZ	none	June/July	Kálfá	F1420 from ATS
IFF	?	Smolt	Wild and Hatch.	Kálfá	Radiotag-internal	15	150.211-150.691 MHZ	none	June/July	Kálfá	F1410 from ATS
STR	?	Adult	Kelts	River Botnsá	T_bar_blue	8	IS73713-IS73720	none	June/August	River Botnsá	Also tagged with DSTs
STR	?	Adult	Kelts	River Botnsá	DST	8	?	none	June/August	River Botnsá	Internal in body cavity
STR	?	Adult	Spawner	River Litlaá	T_bar_green	1	IS82105	none	June/August	River Litlaá	

\* IFF: Institute of Freshwater Fisheries

\* RAC: Local River Association and fishermen

\* STR: Salmon &amp; Trout Research

\*\* DCWT =Desimal coded wire tag, CWT= coded wire tag, ADC=adipose fin clip, DST=Active Data Storage Tag

\*\*\* Smolts tagged with two different codes ( 376 smolts have these two tags in snout )

## 3.5 Ireland

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

Marking Agency	Age	Life Stage	Hatchery or Wild	Stock Origin	Primary Tag/Brand	Number Marked	Code or Serial	Auxiliary clip	Country:	Ireland	Comment
									Release Date	Location of release	
Marine Institute Migration 2004	0+	Fingerling	H	Shannon	CWT	10884	47/02/92	None	01/09/2003	R.Brosna	
	0+	Fingerling	H	Shannon	CWT	10782	47/02/93	None	01/09/2003	R.Brosna	
	0+	Fingerling	H	Shannon	CWT	11719	47/02/94	None	02/09/2004	R.Brosna	
	0+	Fingerling	H	Shannon	CWT	11786	47/02/95	None	02/09/2003	R.Brosna	
	0+	Fingerling	H	Shannon	CWT	5501	47/02/96	None	09/09/2003	R.Brosna	
	0+	Fingerling	H	Shannon	CWT	11956	47/02/97	None	04/09/2003	R.Brosna	
	0+	Fingerling	H	Shannon	CWT	6784	47/02/98	None	09/09/2003	R.Brosna	
	0+	Fingerling	H	Shannon	CWT	11620	47/03/68	None	01/09/2003	R.Brosna	
	1+	Parr	H	Shannon	CWT	8646	47/03/64	None	20/02/2004	R.Inny	
	1+	Parr	H	Shannon	CWT	11982	47/03/67	None	20/02/2004	R.Inny	
	1+	Smolt	H	Shannon	CWT	11947	47/03/65	Adipose	14/04/2004	Parteen	
	1+	Smolt	H	Shannon	CWT	11653	47/03/66	Adipose	14/04/2004	Parteen	
	1+	Smolt	H	Shannon	CWT	11717	47/03/71	Adipose	14/04/2004	Parteen	
	1+	Smolt	H	Shannon	CWT	6013	47/01/90a	Adipose	14/04/2004	Parteen	
	1+	Smolt	H	Shannon	CWT	1580	47/01/88a	Adipose	14/04/2004	Parteen	
	1+	Smolt	H	Shannon	CWT	465	47/01/89a	Adipose	14/04/2004	Parteen	
	1+	Smolt	H	Shannon	CWT	899	47/01/91a	Adipose	14/04/2004	Parteen	
	1+	Smolt	H	Shannon	CWT	8053	47/03/72	Adipose	13/04/2004	Parteen	
	1+	Smolt	H	Shannon	CWT	8919	47/03/73	Adipose	13/04/2004	Parteen	
	1+	Smolt	H	Shannon	CWT	8030	47/03/74	Adipose	13/04/2004	Parteen	
	1+	Smolt	H	Shannon	CWT	8351	47/03/75	Adipose	13/04/2004	Parteen	
	1+	Smolt	H	Lee	CWT	11614	47/02/99	Adipose	23/03/2004	Iniscarra	
	1+	Smolt	H	Bundorragha	CWT	11532	47/03/76	Adipose	27/04/2004	Delphi	
	1+	Smolt	H	Bundorragha	CWT	2620	47/03/77	Adipose	27/04/2004	Delphi	
	1+	Smolt	H	Burrishoole	CWT/H	10178	47/04/48a	Adipose	27/04/2004	Delphi	
	1+	Smolt	H	Burrishoole	CWT/H	1439	47/04/27a	Adipose	27/04/2004	Delphi	
	1+	Smolt	H	Burrishoole	CWT/H	5023	47/04/12a	Adipose	27/04/2004	Delphi	
	1+	Smolt	H	Bundorragha	CWT	11649	47/03/78	Adipose	27/04/2004	Delphi	
	1+	Smolt	H	Bundorragha	CWT	9323	47/03/79	Adipose	27/04/2004	Delphi	
	1+	Smolt	H	Bundorragha	CWT	7233	47/03/80	Adipose	27/04/2004	Delphi	
	1+	Smolt	H	Burrishoole	CWT	4322	47/03/81	Adipose	29/04/2004	Burrishoole	
	1+	Smolt	H	Burrishoole	CWT	4318	47/03/82	Adipose	29/04/2004	Burrishoole	
	1+	Smolt	H	Burrishoole	CWT	4330	47/03/83	Adipose	29/04/2004	Burrishoole	
	1+	Smolt	H	Shannon	CWT / X-O	9412	47/03/84	Adipose	29/04/2004	Burrishoole	
	1+	Smolt	H	Shannon	CWT / X-O	9032	47/03/85	Adipose	29/04/2004	Burrishoole	
	1+	Smolt	H	Shannon	CWT / X-O	8963	47/03/86	Adipose	29/04/2004	Burrishoole	
	1+	Smolt	H	Shannon	CWT / X-O	8785	47/03/87	Adipose	29/04/2004	Burrishoole	
	1+	Smolt	H	Burrishoole	CWT	4617	47/03/88	Adipose	29/04/2004	Burrishoole	
	1+	Smolt	H	Burrishoole	CWT	4035	47/03/89	Adipose	29/04/2004	Burrishoole	
	1+	Smolt	H	Burrishoole	CWT	4599	47/04/64	Adipose	29/04/2004	Burrishoole	
	1+	Smolt	H	Burrishoole	CWT	796	47/20/05b	Adipose	29/04/2004	Burrishoole	
	1+	Smolt	H	Cong	CWT	11025	47/03/90	Adipose	08/03/2004	Galway	
	1+	Smolt	H	Cong	CWT	12159	47/03/91	Adipose	11/03/2004	Cong	
	1+	Smolt	H	Cong	CWT	5043	47/03/92	Adipose	07/04/2004	Gowla	
	1+	Smolt	H	Cong	CWT	5088	47/03/93	Adipose	07/04/2004	Gowla	
	1+	Smolt	H	Cong	CWT	5050	47/03/94	Adipose	08/04/2004	Inver	
	1+	Smolt	H	Cong	CWT	5058	47/03/95	Adipose	08/04/2004	Inver	
1+	Smolt	H	Bunowen	CWT	12029	47/03/69	Adipose	26/03/2004	Bunowen		
1+	Smolt	H	Erriff	CWT	4500	47/03/96	Adipose	12/04/2004	Aasleagh		
1+	Smolt	H	Erriff	CWT	4641	47/03/97	Adipose	12/04/2004	Aasleagh		
1+	Smolt	H	Burrishoole	CWT/H	2306	47/03/98	Adipose	09/04/2004	Screebe		
1+	Smolt	H	Burrishoole	CWT/H	3250	47/03/99	Adipose	09/04/2004	Screebe		
1+	Smolt	H	Erne	CWT	8713	47/03/70	Adipose	05/05/2004	Ballyshannon		
1+	Smolt	H	Erne	CWT	610	47/04/11a	Adipose	05/05/2004	Ballyshannon		
1+	Smolt	H	Erne	CWT	56	47/19/47b	Adipose	05/05/2004	Ballyshannon		
1+/3+	Smolt	W	Corrib	CWT	1030	47/20/01b	Adipose	20/04/2004	Galway		
1+/3+	Smolt	W	Corrib	CWT	1054	47/19/49b	Adipose	24/04/2004	Galway		
1+/3+	Smolt	W	Corrib	CWT	642	47/20/12b	Adipose	29/04/2004	Galway		
1+/3+	Smolt	W	Corrib	CWT	2024	47/20/07b	Adipose	10/05/2004	Galway		
1+/3+	Smolt	W	Finn	CWT	1030	47/04/05a	Adipose	03/05/2004	Killygorgan		
1+/3+	Smolt	W	Faughan	CWT	2500	47/04/51a	Adipose	04/05/2004	Campsie		
			Wild Hatchery		8280	392635 Total	400915				

### 3.6 Norway

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

Marking Season: 2004

Country: Norway

#### Grand Total Primary Marks

JUVENILES		Hatchery	Wild	ADULTS		All
Microtags		14127	1923			0
External Tags		54820	2446			282
Adipose Clip		0	0			
Other clips, External marks		0	0			0
TOTAL FISH MARKED		68947	4369			282

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
NINA	1	smolt	H	Imsa	Carlin	3000	NI-35000-37999		06 May	Imsa	
NINA	1	smolt	H	Imsa	Carlin	3000	NI-32000-34999		06 May	Imsa	
NINA	1	smolt	H	Figgjo	Carlin	1000	NI-41000-41999		06 May	Imsa	
NINA	1	smolt	H	Lone	Carlin	2000	NI-38000-39999		06 May	Imsa	
NINA		smolt	W	Figgjo	Carlin	1000	NI-44000-44999		20 Apr	Figgjo	
NINA	1	smolt	H	Figgjo	Carlin	1400	NI-40000-40999		04 May	Figgjo	
NINA	1	smolt	H	Imsa	Carlin	1250	NI-86750-87999		07 May	Imsa	
NINA	1	smolt	H	Imsa	Carlin	1250	NI-85500-86749		07 May	Imsa	
NINA	1	smolt	H	Imsa	Carlin	1250	NI-84250-85499		07 May	Imsa	
NINA	1	smolt	H	Imsa	Carlin	1250	NI-83000-84249		07 May	Imsa	
NINA	1	smolt	H	Imsa	Carlin	2000	NI-42000-43999		06 May	Imsa	
NINA		smolt	W	Imsa	Carlin	896	NG-69038-69935			Imsa/fella	
NINA		adult	W	Imsa	Lea	196	Xx86457-86656			Imsa/fella	
NINA	1	smolt	H	Drammen	Carlin	999	NI-68000-68999		12 May	Drammen	
NINA	1	smolt	H	Drammen	Carlin	998	NI-69000-69999		12 May	Drammen	
NINA	1	smolt	H	Drammen	Carlin	999	NI-70000-70999		12 May	Drammen	
NINA	1	smolt	H	Drammen	Carlin	999	NI-71000-71999		12 May	Drammen	
NINA	1	smolt	H	Mandal	Carlin	2988	NI-72000-74999		14 May	Mandal	

## Norway continued

MARKING		LIFE		STOCK	PRIMARY	NUMBER	CODE OR	AUX	RELEASE	PLACE OF	
AGENCY	AGE	STAGE		ORIGIN	TAG or MARK	MARKED	SERIAL NO.	CLIP/MARKS	DATE	RELEASE	COMMENT
NINA	1	smolt	H	Mandal	Carlin	2986	NI-75000-77999		14 May	Mandal	
NINA	2	smolt	H	Eira	Carlin	2996	NI-26000-28999		28 May	Eira	
NINA	2	smolt	H	Eira	Carlin	2993	NI-29000-31999		14 May	Bud,Fræna	
NINA	1	smolt	H	Alta	Carlin	6208	NI-45000-51208		02 July	Altaelv	
NINA	1	smolt	H	Alta	Carlin	468	NH-99531-9999		02 July	Altaelv	
NINA	1	smolt	H	Alta	Carlin	3007	NI-51209-54224		02 July	Altaelv	
NINA	1	smolt	H	Alta	Carlin	3027	NI-54225-57259		02 July	Altaelv	
NINA	1	smolt	H	Alta	Carlin	150	NI-61295-61446		17 Jun	Halselv	
NINA	1	smolt	H	Alta	Carlin	150	NI-61447-61596		17 Jun	Halselv	
NINA	1	smolt	H	Alta	Carlin	150	NI-61597-61746		17 Jun	Halselv	
TOFA	1	smolt	H	Alta	Carlin	150	NI-61747-61896		17 Jun	Halselv	
NINA	1	smolt	H	Alta	Carlin	150	NI-61897-62046		17 Jun	Halselv	
NINA	1	smolt	H	Alta	Carlin	150	NI-62047-62169		17 Jun	Halselva	
NINA	1	smolt	H	Alta	Carlin	150	NI-62197-62346		08 July	Halselva	
NINA	1	smolt	H	Alta	Carlin	150	NI-62347-62496		08 July	Halselva	
NINA	1	smolt	H	Alta	Carlin	150	NI-62497-62648		01 July	Halselva	
NINA	1	smolt	H	Alta	Carlin	150	NI-62649-62798		01 July	Halselva	
NINA	1	smolt	H	Alta	Carlin	2017	NI-57260-59279		01 July	Halselva	
NINA	1	smolt	H	Alta	Carlin	2008	NI-59280-61294		01 July	Halselva	
NINA	1	smolt	H	Alta	Carlin	3227	NI-62800-65369		02 July	Halselva	
NINA		smolt	W	Halselva	Carlin	550	NI-24067-24636			Halselva/fella	
IMR	1	smolt	H	Dahle river	CWT-sequential	1858	59/01/54	adipose	07.05.2004	River Dahle	Anti-lice treatment
IMR	1	smolt	H	Dahle river	CWT-sequential	29	59/01/54	adipose	07.05.2004	River Dahle	Untreated
IMR	1	smolt	H	Dahle river	CWT-sequential	1828	59/01/56	adipose	07.05.2004	River Dahle	Untreated
IMR	1	smolt	H	Dahle river	CWT-sequential	1866	59/01/61	adipose	21.05.2004	River Dahle	Anti-lice treatment
IMR	1	smolt	H	Dahle river	CWT-sequential	1859	59/01/61	adipose	21.05.2004	River Dahle	Untreated
IMR	1	smolt	H	Dahle river	CWT-sequential	1750	59/01/61	adipose	04.06.2004	River Dahle	Untreated
IMR	1	smolt	H	Dahle river	CWT-sequential	1424	59/01/61	adipose	04.06.2004	River Dahle	Anti-lice treatment
IMR	not known	smolt	w	Dahle river	CWT-sequential	225	59/01/61	adipose	13.05.2004	River Dahle	Anti-lice treatment
IMR		smolt	H	Dahle river	CWT-sequential	49	59/01/61	adipose	13.05.2004	River Dahle	Anti-lice treatment
IMR	not known	smolt	W	Dahle river	CWT-sequential	227	59/01/61	adipose	13.05.2004	River Dahle	Untreated
IMR		smolt	H	Dahle river	CWT-sequential	45	59/01/61	adipose	13.05.2004	River Dahle	Untreated
IMR	not known	smolt	W	Dahle river	CWT-sequential	405	59/01/61	adipose	15.05.2004	River Dahle	Anti-lice treatment
IMR	not known	smolt	W	Dahle river	CWT-sequential	398	59/01/61	adipose	15.05.2004	River Dahle	Untreated

## Norway continued

MARKING		LIFE		STOCK	PRIMARY	NUMBER	CODE OR	AUX	RELEASE	PLACE OF	
AGENCY	AGE	STAGE	H/W	ORIGIN	TAG or MARK	MARKED	SERIAL NO.	CLIP/MARKS	DATE	RELEASE	COMMENT
IMR	1	smolt	H	Dahle river	CWT-sequential	353	59/01/63	adipose	04.06.2004	River Dahle	Anti-lice treatment
IMR	1	smolt	H	Dahle river	CWT-sequential	152	59/01/63	adipose	04.06.2004	River Dahle	Anti-lice treatment
IMR	1	smolt	H	Dahle river	CWT-sequential	536	59/01/63	adipose	04.06.2004	River Dahle	Anti-lice treatment
IMR	1	smolt	H	Dahle river	CWT-sequential	592	59/01/63	adipose	04.06.2004	River Dahle	Anti-lice treatment
IMR	not known	smolt	W	Dahle river	CWT-sequential	167	59/01/63	adipose	24.05.2004	River Dahle	Anti-lice treatment
IMR	1	smolt	H	Dahle river	CWT-sequential	15	59/01/63	adipose	24.05.2004	River Dahle	Anti-lice treatment
IMR	not known	smolt	W	Dahle river	CWT-sequential	216	59/01/63	adipose	24.05.2004	River Dahle	Untreated
IMR	1	smolt	H	Dahle river	CWT-sequential	21	59/01/63	adipose	24.05.2004	River Dahle	Untreated
IMR	1	smolt	H	Dahle river	CWT-sequential	244	59/01/63	adipose	02.06.2004	River Dahle	Untreated
IMR	not known	smolt	W	Dahle river	CWT-sequential	47	59/01/63	adipose	02.06.2004	River Dahle	Untreated
IMR	1	smolt	H	Dahle river	CWT-sequential	190	59/01/63	adipose	02.06.2004	River Dahle	Anti-lice treatment
IMR	not known	smolt	W	Dahle river	CWT-sequential	43	59/01/63	adipose	02.06.2004	River Dahle	Anti-lice treatment
IMR	1	smolt	H	Dahle river	CWT-sequential	235	59/01/63	adipose	06.06.2004	River Dahle	Untreated
IMR	not known	smolt	W	Dahle river	CWT-sequential	13	59/01/63	adipose	06.06.2004	River Dahle	Untreated
IMR	1	smolt	H	Dahle river	CWT-sequential	316	59/01/63	adipose	06.06.2004	River Dahle	Anti-lice treatment
IMR	not known	smolt	W	Dahle river	CWT-sequential	45	59/01/63	adipose	06.06.2004	River Dahle	Anti-lice treatment
IMR	1	smolt	H	Dahle river	CWT-sequential	320	59/01/63	adipose	10.06.2004	River Dahle	Untreated
IMR	not known	smolt	W	Dahle river	CWT-sequential	27	59/01/63	adipose	10.06.2004	River Dahle	Untreated
IMR	1	smolt	H	Dahle river	CWT-sequential	305	59/01/63	adipose	10.06.2004	River Dahle	Anti-lice treatment
IMR	not known	smolt	W	Dahle river	CWT-sequential	54	59/01/63	adipose	10.06.2004	River Dahle	Anti-lice treatment
IMR	1	smolt	H	Dahle river	CWT-sequential	80	59/01/63	adipose	14.06.2004	River Dahle	Untreated
IMR	not known	smolt	W	Dahle river	CWT-sequential	20	59/01/63	adipose	14.06.2004	River Dahle	Untreated
IMR	1	smolt	H	Dahle river	CWT-sequential	60	59/01/63	adipose	14.06.2004	River Dahle	Anti-lice treatment
IMR	not known	smolt	W	Dahle river	CWT-sequential	36	59/01/63	adipose	14.06.2004	River Dahle	Anti-lice treatment
IMR	not known	adult	W	na	DST-milli	86	4014-6129	floy 751-846	24-30. May	Norwegian Sea	adipose-clipped

## 3.7 Russia

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

Marking Season: 2004

Country: RUSSIA

## Grand Total Primary Marks

	JUVENILES		ADULTS	
	Hatchery	Wild	All	
Microtags	0	0		0
External Tags	0	0		2402
Adipose Clip	1077620	0		0
Other clips, External marks	0	0		0
<b>TOTAL FISH MARKED</b>	<b>1077620</b>	<b>0</b>		<b>2402</b>

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	Iokanga River	Floy T-Bar	22	24000-24999		June - August	Iokanga River	
	1SW-4SW	adult	W	Iokanga River	Floy T-Bar	14	51200-51990		June - August	Iokanga River	
	1SW-4SW	adult	W	Kharlovka River	Floy Dart	392	01220-01675		June - August	Kharlovka River	Legend "Kharlovka River"
	1SW-4SW	adult	W	Rynda River	Floy Dart	341	01001-02000		June - August	Rynda River	Legend "Rynda River"
	1SW-4SW	adult	W	E. Litsa River	Floy Dart	254	01001-01400		June - August	E. Litsa River	Legend "E. Litsa River"
	1SW-4SW	adult	W	Zolotaya River	Floy Dart	37	01001-01275		June - August	Zolotaya River	Legend "Zolotaya River"
	1SW,2SW	adult	W	Ponoi River	Floy T-Bar	1342	22001-24000		June - September	Ponoi River	Legend "Ponoi River"
Murmanrybvod	Taybola hatchery	2.	parr	H	Kola River	AD	92700		May	Kola River	
		2.	parr	H	Kola River	AD	10000		May	Kola River	
		2.	parr	H	Kola River	AD	45000		May	Kola River	
	Kandalaksha hatchery	2.	parr	H	Kola River	AD	53100		May	Kola River	
		2.	parr	H	Kola River	AD	53100		May	Titovka River	
	Knyzhegubsky hatchery	2+	parr	H	Kola River	AD	22000		May	Niva River	
		1+	parr	H	Kola River	AD	49000		May	Kola River	
	Umsky hatchery	1+	parr	H	Kola River	AD	73300		May	Kola River	
		2.	parr	H	Umba River	AD	73000		April	Umba River	
	1+	parr	H	Umba River	AD	115700		June-July	Umba River		
Karelybvod	2.	parr	H	Keret River	AD	370610		April-May	Keret River		
	3.	parr	H	Keret River	AD	240		April-May	Keret River		
	2.	parr	H	Keret River	AD	40320		April-May	Wyg River		
	2.	parr	H	Kem River	AD	79550		April-May	Kem River		

### 3.8 Spain

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

 Marking Season: **2004**

 Country: **SPAIN**

Origin	Primary Tag or Mark			Total
	Microtag	External mark	Adipose clip	
Hatchery juvenile	76160	974	140326	217460
Wild juvenile		954		954
Adult				0
<b>Total</b>	<b>76160</b>	<b>1928</b>	<b>140326</b>	<b>218414</b>

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
GN*	1+	Smolt	H	Bidasoa-03	DCWT	7906	23/50/07	ADC	march	Bidasoa	
GN*	0+	Parr	H	Bidasoa-04	ADC	61279			june	Bidasoa	
GN*	0+	Parr	H	Bidasoa-04	ADC	14481			june	Ezkurra	Tributary of Bidasoa River
GN*	0+	Parr	H	Bidasoa-04	ADC	5627			june	Ezpelura	Tributary of Bidasoa River
DFG**	1+	Smolt		R.URUMEA	CWT	1222	13/60/00	ADC	17-Feb-04	R.URUMEA	Sequential Tags
DFG**	1+	Smolt		R.URUMEA	CWT	1129	23/60/00	ADC	11-Mar-04	R.ORIA	Sequential Tags
DFG**	0+	Parr		R.URUMEA	ADC	5416			15.jul.04	R.URUMEA	
XG***	0+	Pre-smolt	H	Lérez-03	DCWT	7769	23/40/67	ADC	March	Lérez	
XG***	0+	Pre-smolt	H	Ulla-03	DCWT	8509	23/40/68	ADC	March	Ulla	
XG***	0+	Parr	H	Lérez-04	DCWT	11953	23/40/53	ADC	November	Lérez	
XG***	0+	Parr	H	Lérez-04	DCWT	11827	23/40/54	ADC	November	Lérez	
XG***	0+	Parr	H	Lérez-04	DCWT	5016	23/40/69	ADC	November	Lérez	
XG***	0+	Fry	H	Lérez-04	ADC	15799			June	Lérez	
XG***	0+	Parr	H	Tea-04	DCWT	5988	23/40/72	ADC	November	Tea	Miño Tributary
XG***	0+	Fry	H	Tea-04	ADC	18132			June	Tea	Miño Tributary
XG***	0+	Parr	H	Ulla-04	DCWT	9268	23/40/70	ADC	November	Ulla	
XG***	0+	Fry	H	Ulla-04	ADC	19592		ADC	June	Ulla	
XG***	0+	Parr	H	Tambre-04	DCWT	5573	23/40/35	ADC	November	Tambre	
XG***	+ & 2+	Smolt	W	Ulla-02 & 03	Floy Tag (Blue)	954			March-May	Ulla	Ximonde Smolts Trap (Ulla)
XG***	+ & 2+	Smolt	H	Liñares-02 & 03	Floy Tag (Yellow)	974			March-May	Liñares (Ulla tributary)	Hatchery origin of smolts released as alevin, caught at Liñares smolt trap

\*GN = GOBIERNO DE NAVARRA (Navarra)

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

\*\*DFG = Digtacion Foral de Gipuzkoa (Basque Country)

\*\*\*XG = XUNTA DE GALICIA

 Dirección Xeral de Conservación da Natureza  
 Subdirección Xeral de Recursos Cinexéticos e Piscícolas  
 San Lázaro s/n  
 15781 Santiago de Compostela

## 3.9 Sweden

Marking Season: 2004

Country: Sweden

## Grand Total Primary Marks

JUVENILES	Hatchery	Wild	ADULTS	All
	Microtags	0		0
External Tags	3000	552		0
Adipose Clip	40157	0		0
Other clips, External marks	0	0		0
<b>TOTAL FISH MARKI</b>	<b>43157</b>	<b>552</b>		<b>0</b>

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
Sydkraft Vattenkraft AB	1	Smolt	H	R. Lagan	Carlin	1000	SR301000-3999		April 2004	R. Lagan	
Sydkraft Vattenkraft AB	2	Smolt	H	R. Lagan	Carlin	1000	SR301000-3999		April 2004	R. Lagan	
Sydkraft Vattenkraft AB	1	Smolt	H	R. Lagan	Carlin	500	SR301000-3999	AD	April 2004	R. Nissan	
Sydkraft Vattenkraft AB	1	Smolt	H	R. Lagan		15026		AD	April 2004	R. Nissan	
Sydkraft Vattenkraft AB	2	Smolt	H	R. Lagan	Carlin	500	SR301000-3999		April 2004	R. Nissan	
County Council Halland	various	Smolt	W	R. Ätran	Carlin	552	SR121948-122499		April 2004	R. Ätran	
Vattenfall AB	1	Smolt	H	R. Göta älv		6150		AD	April 2004	R. Göta älv	
Vattenfall AB	2	Smolt	H	R. Göta älv		18981		AD	April 2004	R. Göta älv	



### 3.10 UK (England and Wales)

Marking season: 2004

Country: UK (England and Wales)

Totals	Origin	Primary Tag or Mark			Total
		Microtag	External Mark	Adipose Clip	
	Hatchery juvenile	80,868	0	87,458	168,326
	Wild juvenile	9,682	2,800	1,906	14,388
	Adult	0	1,216	0	1,216
	<b>Total fish marked</b>	<b>90,550</b>	<b>4,016</b>	<b>89,364</b>	<b>183,930</b>

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
EA North East	Various	Adult	W	Tyne	Floy tag	28	Various	None	Jan-Nov	Tyne
EA North East	Various	Smolt	H	Tyne (Kielder Burn)	Adipose	3,350		None	Various	Tyne (Kielder Burn)
EA Thames	Various	Adult	W	Thames	Radio tag	6	SAL3 var.	Floy tag	June-Sept	Thames
EA Thames	Various	Adult	W	Thames	Floy tag	1	438	None		Thames
EA Thames	S1	Smolt	H	Shannon (Ireland)	Microtag	10,031	01/42/40	Adipose	01-Mar	Thames (Kennet)
EA Thames	S1	Smolt	H	Shannon (Ireland)	Microtag	10,000	01/42/46	Adipose	01-Mar	Thames (Kennet)
EA Thames	S1	Smolt	H	Shannon (Ireland)	Microtag	10,126	02/42/05	Adipose	03-Mar	Thames (Kennet)
EA Thames	S1	Smolt	H	Shannon (Ireland)	Microtag	4,360	01/42/47	Adipose	03-Mar	Thames (Kennet)
EA Thames	S1	Smolt	H	Shannon (Ireland)	Microtag	6,857	01/42/64	Adipose	02-Mar	Thames (Kennet)
EA Thames	S1	Smolt	H	Shannon (Ireland)	Microtag	7,401	01/42/65	Adipose	03-Mar	Thames (Kennet)
EA Thames	S1	Smolt	H	Shannon (Ireland)	Adipose	4,963		None	26-Apr	Thames
EA Thames	S1	Smolt	H	Shannon (Ireland)	Adipose	3,300		None	15-May	Thames
EA Thames	S2	Smolt	H	Delphi (Ireland)	Adipose	5,345		None	17-Mar	Thames (Kennet)
EA South West	Various	Parr	H	Axe	Adipose	6,000		None	16-Sep	Axe
EA South West	Various	Parr	H	Axe	Adipose	2,000		None	16-Sep	Otter
EA South West	Various	Parr	H	Axe	Adipose	1,000		None	16-Sep	Exe (Culm)
CEH	Various	Parr	W	Frome	PIT	2,800	DC002A/9/D....	None	Sept-Oct	Frome
EA Midlands	Various	Parr	H	Severn (Teme)	Microtag	3,820	01/42/42	Adipose	July	Severn (Teme)
EA Midlands	Various	Parr	H	Severn (Tanat)	Microtag	5,000	01/42/41	Adipose	July	Severn (Tanat)
EA Wales	Various	Adult	W	Taff	Floy tag	100	Various	None	May-Dec	Taff
EA Wales	Various	Adult	W	Taff	CART tag	21	Various	Floy tag	May-Dec	Taff
EA Wales	S2	Smolt	H	Taff	Microtag	9,800	01/42/45	Adipose	March	Taff
EA Wales	S1	Smolt	H	Taff	Adipose	50,000		None	Apr-May	Taff
EA Wales	Various	Adult	W	Dee	Floy tag	1,029	Various	None	Feb-Oct	Dee
EA Wales	S1	Smolt	H	Mawddach	Adipose	3,100		None	16-Jan	Mawddach (Wnion)
EA Wales	S2	Smolt	H	Conwy (Lledr)	Adipose	8,400		None	Feb	Conwy (Lledr)
EA North West	1+	Parr	H	Ribble	Microtag	10,700	23/42/25	Adipose	Feb-Mar	Ribble
EA North West	1+	Parr	H	Ribble	Microtag	1,400	18/42/56	Adipose	Feb-Mar	Ribble
EA North West	S2	Smolt	H	Ribble	Microtag	1,373	18/42/57	Adipose	Feb-Mar	Ribble
CEFAS/EA Wales	Various	Smolt	W	Dee (Ceiriog)	Microtag	2,348	01/42/29	Adipose	Apr-May	Dee (Ceiriog)
CEFAS/EA Wales	Various	Smolt	W	Dee	Microtag	2,933	01/42/37	Adipose	Apr-May	Dee (Lower)
CEFAS	Various	Smolt	W	Tamar	Microtag	4,401	01/42/03	Adipose	Apr	Tamar
CEFAS	Various	Parr	W	Dee (Ceiriog)	PIT	1,708	DC002A.... & DC002B....	Adipose	Sept	Dee (Ceiriog)
CEFAS	Various	Parr	W	Itchen	PIT	198	DC002A....	Adipose	July-Sept	Itchen
CEFAS	Various	Adult	W	Tyne	Acoustic tag	31	Var. 1 to 76	Floy tag	Mar-Oct	Tyne



### 3.12 UK (Scotland)

#### UK (Scotland)

#### ICES COMPILATION OF MICROTAG, FINCLIP, and EXTERNAL TAG RELEASES

Marking season : 2004

Totals

Origin	Microtag	Primary Tag or Mark		Total
		External Tag/Mark	Adipose Clip	
Hatchery Juvenile	11043	0	0	11043
Wild Juvenile	4712	2519	2304*	9535
Adult	0	1292	0	1292
<b>Total</b>	<b>15755</b>	<b>3811</b>	<b>2304</b>	<b>21870</b>

\* also Pit Tagged (internal)

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	1-3	Parr	W	R. Dee (Girnock)	CWT Sequential	310	62/50/26	Adipose	20/09 - 22/10/2004	Girnock	
FRS	1-3	Parr	W	R. Dee (Girnock)	CWT Sequential	644	62/50/25	Adipose	25/10 - 15/12/2004	Girnock	
FRS	2-4	Smolt	W	R. Dee (Girnock)	CWT Sequential	1989	62/50/26	Adipose	15/01 - 6/05/2004	Girnock	
FRS	1-3	Parr	W	R. Dee (Girnock)	Pit Tag	521	Individual Codes	Adipose	Feb - Sept 2004	Girnock	
FRS	1-4	Smolt	W	R. North Esk	Green Mod Carlin & DCWT	349	C61608 - C61957 & 62/01/04	Adipose	19/04 - 01/06/2004	North Esk	
FRS	1-4	Smolt	W	R. North Esk	Green Streamer & DCWT	372	A01508 - A01898 & 62/01/04	Adipose	15/04 - 20/05/2004	North Esk	
FRS	1-4	Smolt	W	R. North Esk	DCWT	1469	62/01/04	Adipose	19/04 - 20/05/2004	North Esk	
FRS	1-3	Parr	W	R. North Esk (Water of Mark)	Pit Tag	292	Individual Codes	Adipose	March - Sept 2004	Water of Mark	
FRS	1-3	Parr	W	R. North Esk (Cruick)	Pit Tag	198	Individual Codes	Adipose	March - June 2004	Cruick	
FRS	1-3	Smolt	W	R. North Esk	Pit Tag	100	Individual Codes	Adipose	11/05/2004	North Esk	
FRS	1-3	Smolt	W	R. North Esk (Westwater)	Pit Tag	193	Individual Codes	Adipose	March - May 2004	Westwater	
FRS		Adult	W	Various	Floy Tag - Yellow	12	A605 - A617	None	21-29 July 2004	Cromarty Firth	Also Accoustic tagged
Conon DSFB		Smolt	W	R. Conon	Pit Tag	1000	Individual Codes	Adipose (500)	April/May 2004	Conon	
Conon DSFB	1+	Parr	H	R. Conon	CWT	1000	62/16/51	Adipose	Sept 2004	Conon	
Conon DSFB		Adult	W	R. Conon	Floy Tag - Yellow	20	26 - 46	None	Various	Conon	
River Naver Fishery Board		Adult	W	R. Naver	Floy Tag - Blue	125	376 - 500	None	Mar - May 2004	Naver	
R.N.F.B.		Adult	W	R. Naver	Floy Tag - Yellow	250	1151 - 1400	None	Jun - Oct 2004	Naver	
Tay District Salmon Fishery Board		Adult	W	R. Tay	Needle Tag - Grey	200	001 - 999	None	15/01 - 15/10/2004	Tay	
West Sutherland Fisheries Trust		Smolt	W	Manse Loch	Elastomer	165		None	May 2004	Manse system	
Seafeld Centre	1+	Smolt	H	R. Carron	CWT Sequential	8130	62/04/05 & 62/04/06	Adipose	11/05/2004	Carron	
Seafeld Centre	1+	Smolt	H	R. Applecross	CWT Sequential	1913	62/04/05 & 62/04/06	Adipose	10/05/2004	Applecross	
Tweed Foundation		Parr	W	R. Tweed	CWT	300	62/30/01	Adipose	Summer 2004	Tweed Catchment	
Spey Research Trust		Adult	W	R. Spey	Floy Tag - Yellow	545	0115 - 1224	None	Nov 2004	Spey	
Spey Research Trust		Adult	W	R. Spey	Floy Tag - Orange	40	063 - 235	None	Nov 2004	Spey	
Spey Research Trust		Adult	W	R. Spey	Floy Tag - White	100	0936 1395	None	Oct - Dec 2004	Spey	
Galloway Fisheries Trust		Smolt	W	R. Bladnoch	Elastomer	1633		Adipose	04/4 - 10/05/2004	Bladnoch	

Hatchery  
Wild

## 3.13 USA

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

Marking Season: 2004

Country: USA

Origin	Primary Tag or Mark			Total
	Microtag	External mark	Adipose clip	
Hatchery Adult	0	2,692		4,418
Hatchery Juvenile	0	568,846	438,204	569,143
Wild Adult	0	6		6
Wild Juvenile	0	459		995

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
NAI	4	Adult	W	Connecticut	RAD	4		VIE	May	Connecticut	
NAI	5	Adult	W	Connecticut	RAD	1		VIE	May	Connecticut	
NAI	4	Adult	W	Connecticut	RAD	1		VIE	June	Connecticut	
NAI	2	Smolt	H	Connecticut	FLOY	1242			June	Connecticut	
NAI	2	Smolt	H	Connecticut	RAD	214			June	Connecticut	
USFWS	2	Smolt	H	Connecticut	AD	47735			April	Connecticut	
USFWS	2	Smolt	H	Connecticut	AD	47236			Mar	Connecticut	
USGS	0	Parr	W	Connecticut	PIT	467			Sept	Connecticut	
USGS	1	Parr	W	Connecticut	PIT	459		VIE	Oct	Connecticut	
ASC	1	Parr	W	Dennys	PIT	69			Various	Dennys	
NOAA	0	Parr	H	Dennys	VIE	173		AD	April	Dennys	
NOAA	0	Parr	H	Dennys	RV	44000			Oct	Dennys	
NOAA	1	Smolt	H	Dennys	VIE	30000		AD	April	Dennys	
NOAA	1	Smolt	H	Dennys	VIE	30000		AD	May	Dennys	
NOAA	1	Smolts	H	Dennys	PINGER	156			April	Dennys	
USFWS	3	Adult	H	Dennys	PIT	202			Oct	Dennys	
USFWS	5	Adult	H	Dennys	PIT	36			Dec	Dennys	
USFWS	6	Adult	H	Dennys	PIT	60			Dec	Dennys	
USFWS	5	Adult	H	East Machias	PIT	97			Dec	East Machias	
USFWS	3	Adult	H	Machias	PIT	100			Oct	Machias	
USFWS	5	Adult	H	Machias	PIT	193			Dec	Machias	
NHFG	3	Adult	H	Merrimack	FLOY	297			Oct	Merrimack	
NHFG	2	Adult	H	Merrimack	FLOY	724			June	Merrimack	
USFWS	4	Adult	H	Narraguagus	PIT	96			Dec	Narraguagus	
USFWS	5	Adult	H	Narraguagus	PIT	195			Dec	Narraguagus	
NOAA	2	Smolts	W	Narraguagus	PINGER	74			May	Narraguagus	
ASC	varied	Adult	H	Penobscot	PIT	530			Nov	Penobscot	
ASC	varied	Adult	H	Penobscot	PIT	709		AP	Various	Penobscot	
NOAA	0	Parr	H	Penobscot	LV	37000			Sept	Penobscot	
NOAA	0	Parr	H	Penobscot	LV	32000		AD	Sept	Penobscot	
NOAA	0	Parr	H	Penobscot	RV	27000		AD	Oct	Penobscot	
NOAA	0	Parr	H	Penobscot	LV	43000			Oct	Penobscot	
NOAA	1	Smolt	H	Penobscot	VIE	4000		AD	April	St Croix	
NOAA	1	Smolt	H	Penobscot	VIE	50060		AD	May	Penobscot	
NOAA	1	Smolt	H	Penobscot	VIE	158000		AD	April	Penobscot	
PSNH	1	Smolt	H	Penobscot	RAD	83			May	Merrimack	
SRSC	1	Smolt	H	Penobscot	LV	2700			Various	Saco	
SRSC	1	Smolt	H	Penobscot	RV	2700			Various	Saco	
USFWS	3	Adult	H	Penobscot	AP	383			Dec	Penobscot	
USFWS	4	Adult	H	Penobscot	AP	579			Dec	Penobscot	
NOAA	2	Smolt	H	Pleasant	VIE	9000		AD	May	Pleasant	
NOAA	2	Smolts	W	Pleasant	PINGER	24			May	Pleasant	
NOAA	2	Smolts	H	Pleasant	PINGER	100			May	Pleasant	
USFWS	5	Adult	H	Pleasant	PIT	101			Dec	Pleasant	
USFWS	5	Adult	H	Sheepscot	PIT	116			Dec	Sheepscot	
SCIWC	0	Parr	H	St Croix	BRAND	3000		AD	Oct	St Croix	



## Annex 1: National tag clearing houses to which Atlantic salmon tags should be returned for verification

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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 <a href="mailto:janarge@frs.fo">janarge@frs.fo</a>
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	Directorate of Freshwater Fisheries	Vagnhofdi 7 110 Reykjavik Sumarlidi@veidimalastjori.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) (Att. Mr. Javier Alvarez Orzanco)	Gestion Ambiental, Viveros y Repoblaciones de Navarra Area de Caza y Pesca c/ Padre Adoain, No 219 Planta Baja 31015 Pamplona Tel: +34 948 382 438 Fax: +34 948 382 391 biodiversidad2@gavrm.com
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