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International Council for the
Exploration of the Sea



C.M.1994/M:28



**ICES COMPILATION OF
MICROTAG, FINCLIP AND EXTERNAL TAG RELEASES IN 1993**

This document is a report of a Working Group of the International Council for the Exploration of the Sea and does not necessarily represent the views of the Council. Therefore, it should not be quoted without consultation with the General Secretary.

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Terms of reference for the 1994 ICES North Atlantic Salmon Working Group state that the Group should:

'With respect to Atlantic salmon in the NASCO area, provide a compilation of microtag, finclip and external tag releases by ICES Member Countries in 1993'.

Data were provided by Working Group members for national tagging programmes, as far as possible including all agencies and organizations. These compilation data are presented by country, together with a summary of the tags and finclips by all countries (Table 1). Data were supplied on the standard form agreed by the Working Group in 1989. A list of national tag clearing houses is also given (Appendix 1).

Table 1 Number of microtags, external tags and finclips applied to Atlantic salmon by countries for 1993.

Country	Stock	Microtags ¹	External tags	Untagged fish		Comments
				Adipose clip only	Other finclip combinations	
Canada	H ²	-	35,079	964,388	-	a) including 666 mixed hatchery origin
	W ³	-	7,808 ^a	-	-	
Denmark	H	-	8,441	-	-	
	W	-	-	-	-	
Finland	H	-	-	-	-	b) joint project with Norway, radiotags
	W	-	93 ^b	-	-	
France	H	37,316 ^d	1,836	118,877	-	d) incl. 399 PIT tags
	W	174 ^e	219	-	-	e) PIT tags
Iceland	H	311,350	-	-	-	
	W	2,797	1,345 ⁴	-	-	
Ireland	H	358,109	-	340,000	-	
	W	4,745	-	-	-	
Norway	H	66,000	138,117	156,000	-	
	W	-	4,370	-	-	
Russia	H	-	2,000	93,800	-	
	W	-	-	-	-	
Spain	H	c	-	-	-	c) tag codes provided - no data available on numbers released
	W	-	-	-	-	
Sweden (West coast)	H	-	6,956	-	-	
	W	-	-	-	-	
UK (England & Wales)	H	204,586	-	23,429	-	
	W	7,720	2,688 ⁴	-	-	
UK (Scotland)	H	17,780	-	-	-	
	W	7,672	4,831	-	-	
UK (N. Ireland)	H	16,101	124 ⁴	-	-	
	W	234	-	-	-	
USA	H	607,965	186	31,397	40,126	
	W	1,840	82 ⁴	-	-	
Total	H	1,619,207	192,739	1,727,891	40,126	3,579,963
	W	25,182	21,436	-	-	46,618
Grand Total		1,644,389	214,175	1,727,891	40,126	3,626,581

¹ Micro-tagged fish are also adipose clipped unless otherwise noted.

² Hatchery origin.

³ Wild origin.

⁴ Adult fish

APPENDIX 1

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

Country	Institution	Address
Canada	Atlantic Salmon Tag Clearing House Department of Fisheries & Oceans (Att.: J. Ritter)	P.O. Box 550 Halifax Nova Scotia, BSJ 2S7
Denmark	Danmarks Fiskeri- og Havundersøgelser (Att.: O. Christensen)	Charlottenlund Slot DK-2920 Charlottenlund
Faroës	Fiskirannsóknarstovan	Debessartøð FR-3800 Tórshavn
Finland	Finnish Game & Fisheries Research Institute (Att.: E. Niemälä)	P.O. Box 202 SF-00151 Helsinki
France	Conseil Supérieur de la Pêche	Délégation Régionale Nor 84 Rue de Rennes F-35510 Cesson-Sevigne
Iceland	Institute of Freshwater Fisheries	P.O.Box 754 112 Reykjavík
Ireland	Department of the Marine Fisheries Research Centre (Att.: A. Cullen)	Abbotstown Castleknock Dublin 15
Norway	Norwegian Institute for Nature Research (NINA)	Tungasletta 2 N-7004 Trondheim
Russia	PINRO (Att.: A. Zubchenko)	6 Knipovitch Street 183767 Murmansk
Sweden	Sövattnslaboratoriet	S-17011 Drottningholm
UK (England & Wales)	MAFF Fisheries Laboratory (Att.: I. Russell)	Lowestoft Suffolk NR33 OHT
UK (Scotland)	Freshwater Fisheries Laboratory	Faskally Pitlochry PH16 5LB
UK (N. Ireland)	Department of Agriculture for N. Ireland Fishery Research Laboratory (Att.: I. Moffett)	38, Castleroe Road Coleraine C. Londonderry BT51 3RL
USA	Northeast Fisheries Centre NMFS/NOAA (Att.: K. Friedland)	Woods Hole Mass. 02543

ICES ATLANTIC SALMON MARKING DATA BASE

Marking during season: 1993

Country: Canada

Marking Agency	Age at Marking ¹	Life Stage at Marking ²	Hatchery or Wild	Stock Origin	Type of Tag or Mark ³	Number Marked	Tag Codes or Serial #'s ⁴	Auxillary Finclips or Marks	Release Date	Place of Release	Comments
DFO, Scotia-Fundy	1+	smolt	H	LaHave	carlin tag	12403	FF48000-FF54999	adipose clip	May	Mushamush	
	0+	parr	H	LaHave		12050		adipose clip	October	Mushamush	
	1+	smolt	H	Musquodoboit		21463		adipose clip	May	Musquodoboit	
	0+	parr	H	Musquodoboit		14600		adipose clip	October	Musquodoboit	
	0+	parr	H	North		4837		adipose clip	October	North, Cape Breton	
	1+	parr	H	North		3704		adipose clip	October	North, Cape Breton	
	1+	smolt	H	LaHave		12007		adipose clip	May	Petite	
	0+	parr	H	LaHave		15042		adipose clip	October	Petite	
	1+	smolt	H	LaHave		10003		adipose clip	May-June	Sackville	
	0+	parr	H	LaHave		20700		adipose clip	October	Sackville	
	2+	smolt	H	Stewiacke		5100		adipose clip	May	Stewiacke	
	2+	smolt	H	Stewiacke		973		adipose clip	May	Stewiacke	
	1+	smolt	H	Stewiacke		21700		adipose clip	June	Stewiacke	
	1+	smolt	H	Liscomb		16704		adipose clip	May	West, Sheet Harbour	
	1+	smolt	H	Tusket		28298		adipose clip	May	Tusket	
	0+	parr	H	Tusket		34579		adipose clip	November	Tusket	
	2+	smolt	H	St. Mary's		19639		adipose clip	May	St. Mary's	
	1+	parr	H	St. Mary's		10815		adipose clip	July	St. Mary's	
	0+	parr	H	St. Mary's		68494		adipose clip	October	St. Mary's	
	1+	smolt	H	Tusket		10000		adipose clip	May	Bear	
	2+	smolt	H	Grand		10017		adipose clip	May	Bras d'Or Lake	
	1+	smolt	H	LaHave		14113		adipose clip	May	Clyde	
	1+	smolt	H	East, Sheet Hbr		26576		adipose clip	May	East, Sheet Harbour	
	0+	parr	H	East, Sheet Hbr		25060		adipose clip	October	East, Sheet Harbour	
	1+	smolt	H	Gold		23756		adipose clip	May	Gold	
	0+	parr	H	Gold		20847		adipose clip	November	Gold	
	2+	smolt	H	Grand		10448		adipose clip	May-June	Grand	
	1+	parr	H	Grand		555		adipose clip	July	Grand	
	0+	parr	H	Grand		6824		adipose clip	October	Grand	
	1+	smolt	H	LaHave	carlin tag	7070	FF25000-FF28999 FF44000-FF45999	adipose clip	May	Jordan	
	2+	smolt	H	Liscomb		8028		adipose clip	May	Liscomb	
	2+	smolt	H	Liscomb		2941		adipose clip	May	Liscomb	
	1+	parr	H	Liscomb		1323		adipose clip	July	Liscomb	
	0+	parr	H	Liscomb		40305		adipose clip	October	Liscomb	
	1+	smolt	H	Liscomb		7120		adipose clip	May	Liscomb	

Microtags:

External tags:

Finclips:

Total:

Notes for tabulation:

1 (0+, 1+, 2+...etc., 2SW, 3SW, MSW, etc.)

2 Parr, smolt, post-smolt, adult, kelt

3 Micro, X-ray, carlin, finclips or other with identifying features (colour). If a finclip is the only mark applied, it should be recorded in this column

4 Format should be: Agency: Data 1: Data 2

ICES ATLANTIC SALMON MARKING DATA BASE

Marking during season: 1993

Country: Canada

Marking Agency	Age at Marking ¹	Life Stage at Marking ²	Hatchery or Wild	Stock Origin	Type of Tag or Mark ³	Number Marked	Tag Codes or Serial #'s ⁴	Auxillary Finclicks or Marks	Release Date	Place of Release	Comments
DFO, Scotia-Fundy	2+	smolt	H	Margaree		14996		adipose clip	May	Margaree	
	1+	smolt	H	LaHave		5727		adipose clip	May	Medway	
	1+	smolt	H	Medway		32197		adipose clip	April	Medway	
	0+	smolt	H	Medway		35012		adipose clip	October	Medway	
	1+	parr	H	LaHave		13864		adipose clip	May	Mersey	
	0+	smolt	H	Tusket		8015		adipose clip	November	Meteghan	
	2+	smolt	H	Salmon (Mira)		9966		adipose clip	May	Mira	
	1+	smolt	H	Saint John	adipose clip	12688		adipose clip	May	Saint John	
	0+	parr	H	Saint John	adipose clip	99939		adipose clip	Sep-Oct	Saint John	
	1+	smolt	H	Annapolis		12892		adipose clip	May	Annapolis	
	2+	smolt	H	Annapolis		9853		adipose clip	May	Annapolis	
	1+	parr	H	Annapolis		1315		adipose clip	May	Annapolis	
	1+	smolt	H	LaHave	carlin tag	8000	FF32000-FF39999	adipose clip	April	LaHave	
	1+	smolt	H	LaHave		36429		adipose clip	April-May	LaHave	
	0+	parr	H	LaHave		100096		adipose clip	October	LaHave	
	1+	smolt	H	Salmon, Digby		10596		adipose clip	April	Salmon	
	0+	parr	H	Salmon, Digby		8210		adipose clip	November	Salmon	
		adult	H & W	LaHave	carlin tag	120	A17627-A17790		June-July	LaHave	
		adult	W	Saint John	carlin tag	45	F8000-F8044		July	Saint John	
		adult	H	Saint John	carlin tag	229	AA46801-AA47031		July	Saint John	
		adult	W & H	Saint John	carlin tag	8	LYC3061-3064 & LYC2077-2080		July/Sep	Saint John	also ultrasonic tagged
		adult	W & H	Saint John	carlin tag	8	LOC2073-2076 & LYC3065-3068		July/Sep	Saint John	also ultrasonic tagged
		adult	W	Saint John	carlin tag	21	LYC3040-LYC3060		November	Saint John	
		adult	W & H	Saint John	carlin tag	100	LBC2600-LBC2699		November	Saint John	broodstock
		adult	W & H	Saint John	carlin tag	285	LWC15525-15759 & LWC15450-15499		November	Saint John	broodstock
		adult	W & H	Saint John	carlin tag	47	LRC2678-2699 (Maroon) & AA47032-AA47056 (light green)		November	Saint John	broodstock
	2+	smolt	H	Chamcook Stream	carlin tag	400	AA80000-AA80399	adipose clip	May	Chamcook Stream	Atlantic Salmon Federation
	2+	smolt	H	Chamcook Stream	adipose & pelvic clips	2950			May	Chamcook Stream	
DFO, NFLD		smolt	W	Newfoundland	streamer, green	2456	29858-29899		May	Conne River, NF	
		kelt	W	Newfoundland	carlin, yellow	19	00001-2425 Y5024-Y5043		May	Conne River, NF	

Microtags:

External tags:

Finclicks:

Total:

Notes for tabulation:

1 (0+, 1+, 2+...etc., 2SW, 2SW, 3SW, MSW, etc.)

2 Parr, smolt, post-smolt, adult, kelt

3 Micro, X-ray, carlin, finclics or other with identifying features (colour). If a finclip is the only mark applied, it should be recorded in this column

4 Format should be: Agency: Data 1: Data 2

ICES ATLANTIC SALMON MARKING DATA BASE

Marking during season: 1993Country: Canada

Marking Agency	Age at Marking ¹	Life Stage at Marking ²	Hatchery or Wild	Stock Origin	Type of Tag or Mark ³	Number Marked	Tag Codes or Serial #'s ⁴	Auxiliary Finclips or Marks	Release Date	Place of Release	Comments
DFO, Gulf	1SW	adult	W	Restigouche	carlin, blue	26	ZZ22259-ZZ22284		Jun-Aug	Restigouche (Morrissey Rock)	head of tide
	1SW	adult	W	"	carlin, blue	24	ZZ22286-ZZ22309		Jun-Aug	"	"
	1SW	adult	W	"	carlin, blue	22	ZZ22311-ZZ22332		Jun-Aug	"	"
	1SW	adult	W	"	carlin, blue	24	ZZ22334-ZZ22357		Jun-Aug	"	"
	1SW	adult	W	"	carlin, blue	11	ZZ22359-ZZ22369		Jun-Aug	"	"
	1SW	adult	W	"	carlin, blue	20	ZZ22371-ZZ22390		Jun-Aug	"	"
	1SW	adult	W	"	carlin, blue	121	ZZ22392-ZZ22512		Jun-Aug	"	"
	1SW	adult	W	"	carlin, blue	7	ZZ22514-ZZ22520		Jun-Aug	"	"
	1SW	adult	W	"	carlin, blue	2	ZZ22522-ZZ22523		Jun-Aug	"	"
	1SW	adult	W	"	carlin, blue	5	ZZ22525-ZZ22529		Jun-Aug	"	"
	1SW	adult	W	"	carlin, blue	66	ZZ22531-ZZ22596		Jun-Aug	"	"
	1SW	adult	W	"	carlin, blue	1	ZZ33459		Jun-Aug	"	"
	MSW	adult	W	"	carlin, blue	10	ZZ33434-ZZ33443		Jun-Aug	"	"
	MSW	adult	W	"	carlin, blue	14	ZZ33445-ZZ33458		Jun-Aug	"	"
	MSW	adult	W	"	carlin, blue	15	ZZ33460-ZZ33474		Jun-Aug	"	"
	MSW	adult	W	"	carlin, blue	6	ZZ33476-ZZ33481		Jun-Aug	"	"
	MSW	adult	W	"	carlin, blue	1	ZZ22370		Jun-Aug	"	"
	1SW	adult	W	"	carlin, blue	12	ZZ8202-ZZ8213		Aug	Restigouche	estuary
	MSW	adult	W	"	carlin, blue	3	ZZ33702-ZZ33704		Jun-Aug	(Oak Bay)	"
	1SW&MSW	adult	W	Upsalquitch	carlin, red	29	00000-00028		Jun-Aug	Upsalquitch	"
	1SW&MSW	adult	W	"	carlin, red	4	00030-00033		Jun-Aug	(Boland Bk Lodge)	"
	1SW&MSW	adult	W	"	carlin, red	2	00900-00901		Jun-Aug	"	"
	1SW&MSW	adult	W	"	carlin, red	2	00903-00904		Jun-Aug	"	"
	1SW&MSW	adult	W	"	carlin, red	1	00906		Jun-Aug	"	"
	1SW&MSW	adult	W	"	carlin, white	8	00000-00007		Jul-Aug	Upsalquitch	"
	1SW&MSW	adult	W	"	carlin, white	4	00021-00024		Jul-Aug	(Two Brooks Lodge)	"
	1SW&MSW	adult	W	"	carlin, orange	1	00016		Jul	Upsalquitch	"
	1SW&MSW	adult	W	"	carlin, orange	1	00019		Jul	(Millbrook Farms Lodge)	"
	1SW&MSW	adult	W	"	carlin, orange	1	00038		Jun	Upsalquitch	"
	1SW&MSW	adult	W	"	carlin, orange	2	00047-00048		Jun	(MacLennan Lodge)	"
	1SW&MSW	adult	W	"	carlin, orange	1	00051		Jun	"	"

Microtags:
 External tags:
 Finclips:
 Total:

Notes for tabulation:

- 1 (0+, 1+, 2+...etc., 2SW, 2SW, 3SW, MSW, etc.)
- 2 Parr, smolt, post-smolt, adult, kelt
- 3 Micro, X-ray, carlin, finclips or other with identifying features (colour). If a finclip is the only mark applied, it should be recorded in this column
- 4 Format should be: Agency: Data 1: Data 2

ICES ATLANTIC SALMON MARKING DATA BASE

Marking during season: 1993Country: Canada

Marking Agency	Age at Marking ¹	Life Stage at Marking ²	Hatchery or Wild	Stock Origin	Type of Tag or Mark ³	Number Marked	Tag Codes or Serial #'s ⁴	Auxillary Finclips or Marks	Release Date	Place of Release	Comments
DFO, Gulf	1SW&MSW	adult	W	Upsalquitch	carlin, pink	2	00025-00026		Jun	Upsalquitch River	
	1SW&MSW	adult	W	"	carlin, yellow	7	00000-00006		Jul-Aug	"	
	1SW&MSW	adult	W	"	carlin, yellow	7	00008-00014		Jul-Aug	"	
	1SW&MSW	adult	W	"	carlin, yellow	4	00016-00019		Jul-Aug	"	
	1SW&MSW	adult	W	"	carlin, yellow	1	00023		Jul-Aug	"	
	1SW&MSW	adult	W	"	carlin, yellow	2	00027-00028		Jul-Aug	"	
	1SW&MSW	adult	W	"	carlin, yellow	1	00030		Jul-Aug	"	
	1SW&MSW	adult	W	"	carlin, yellow	2	00032-00033		Jul-Aug	"	
	1SW&MSW	adult	W	"	carlin, yellow	1	00035		Jul-Aug	"	
	1SW&MSW	adult	W	"	carlin, yellow	1	00038		Jul-Aug	"	
	1SW&MSW	adult	W	"	carlin, yellow	1	00040		Jul-Aug	"	
	1SW&MSW	adult	W	"	carlin, yellow	2	00056-00057		Jul-Aug	"	
	1SW&MSW	adult	W	"	carlin, yellow	1	00060		Jul-Aug	"	
	1SW&MSW	grilse	W	Humber	carlin, blue	250	47549-47799		Jun-Aug	Humber River	Estuary
	1SW&MSW	grilse	W	"	carlin, blue	710	41001-41711		Jun-Aug	"	
	1SW&MSW	kelt	W	Western Arm Brook	carlin, blue	148	40085-40233		May-Jul	Western Arm Brook	Estuary
	1SW&MSW	adult	W	Tabusintac	carlin, blue	268	ZZ39420-ZZ39500	caudal clip	Aug-Oct	Tabusintac, Indian Res.	"
							ZZ39502				
							ZZ39504-ZZ39684				
							ZZ39690-ZZ39694				
	1SW&MSW	adult	W	Richibucto	carlin, blue	23	ZZ39841-ZZ39842		Aug-Oct	Richibucto, Indian Res.	Estuary
							ZZ39844-ZZ39862				
							ZZ39864				
							ZZ39897				
	1SW&MSW	adult	W	Buctouche	carlin, blue	66	ZZ39286		Sept-Oct	Buctouche R. Indian Res.	Estuary
							ZZ39288-ZZ39318				
							ZZ39320-ZZ39333				
							ZZ39335-ZZ39354				

Microtags:
 External tags:
 Finclips:
 Total:

Notes for tabulation:

1 (0+, 1+, 2+...etc., 2SW, 2SW, 3SW, MSW, etc.)

2 Parr, smolt, post-smolt, adult, kelt

3 Micro, X-ray, carlin, finclips or other with identifying features (colour). If a finclip is the only mark applied, it should be recorded in this column

4 Format should be: Agency: Data 1: Data 2

ICES ATLANTIC SALMON MARKING DATA BASE

Marking during season: 1993Country: Canada

Marking Agency	Age at Marking ¹	Life Stage at Marking ²	Hatchery or Wild	Stock Origin	Type of Tag or Mark ³	Number Marked	Tag Codes or Serial #'s ⁴	Auxillary Finclips or Marks	Release Date	Place of Release	Comments
DFO, Gulf	1SW	adult	W	Miramichi	carlin, light blue	1057	36157		June to October	SW Miramichi	
		adult	W				36328				
		adult	W				37000-37156				
		adult	W				37158-37212				
		adult	W				37214-37327				
		adult	W				37329-37516				
		adult	W				37518-37712				
		adult	W				37714-37999				
	MSW	adult	W	Miramichi	carlin, light blue	359	51000-51060		June to October	SW Miramichi	
		adult	W				10000-10286				
		adult	W				10288-10299				
		adult	W				51800-51864				
	1SW	adult	W	Miramichi	carlin, light blue	385	5722-5775		summer & fall	NW Miramichi	
		adult	W				5777-5786				
		adult	W				5788-5930				
		adult	W				5932-5941				
	MSW	adult	W	Miramichi	carlin, light blue	174	5944-5999, 32948		summer & fall	NW Miramichi	
		adult	W				50000-50110				
		adult	W				6280-6299, 6786				
		adult	W				6788-6868				
		adult	W				6870-6899				
		adult	W				32936-32947				
		adult	W				32949				
		adult	W				32960-32968				
	1SW&MSW	adult	W	Margaree	carlin, blue	661	32970-32999		June to October	Margaree	
		adult	W&H				2236281-2236943 (excluding 2236727 & 2236871)				
	1SW&MSW	adult	W&H	LSW Miramichi	carlin, blue	144	2236727 & 2236871		Oct 13 & Nov 6	LSW Miramichi	
		grilse & salmon	W				10400-10543				

Microtags:
 External tags:
 Finclips:
 Total:

Notes for tabulation:

- 1 {0+, 1+, 2+...etc., 2SW, 2SW, 3SW, MSW, etc.}
- 2 Parr, smolt, post-smolt, adult, kelt
- 3 Micro, X-ray, carlin, finclips or other With identifying features (colour). If a finclip is the only mark applied, it should be recorded in this column
- 4 Format should be: Agency: Data 1: Data 2

ICES ATLANTIC SALMON MARKING DATA BASE

Marking during season: 1993Country: Canada

Marking Agency	Age at Marking ¹	Life Stage at Marking ²	Hatchery or Wild	Stock Origin	Type of Tag or Mark ³	Number Marked	Tag Codes or Serial #'s ⁴	Auxillary Finclips or Marks	Release Date	Place of Release	Comments
MLCP MAPAQ Québec		adult	W		Spaghetti blue	244 80 72 214	04001B-04275B 04402B-04500B 04651B-04749B 04776B-059998		June 21 to Aug 30	Near Anse à la Barbe River Gascons	Sea, near the estuary Zone Q2
MLCP Québec	1+	parr	H	Rimouski River		21201		adipose fin clip only	June 14	Rimouski River	Zone Q3
MLCP Québec	2+	smolt	H	Tadoussac St. Lawrence River		6164		adipose fin clip only	May 25	Escoumins River	Zone Q7

Microtags:

External tags:

Finclips:

Total:

Notes for tabulation:

1. (0+, 1+, 2+...., etc. 1SW, 2SW, 3SW, MSW, etc.).
2. Parr, smolt, post-smolt, adults kelt.
3. Micro x-ray, carlin, finclips or other with identifying features (colours). If a finclip is the only mark applied, it should be recorded in this column.
4. For micro-tag the format should be: Agency/data #1/data#2.

Marking Season: 1993

ICES Atlantic Salmon Marking Database

Country: Denmark

Marking Agency	Age at Marking	Life Stage at Marking	Hatchery or Wild	Stock Origin	Type of Tag or Mark	Number Marked	Tag Codes or serial numbers	Auxillary Fin Clips or Marks	Release Date	Place of Release	Comments
IFF	1	Smolt	Hatchery	Corrib	Carlin	499	67000-67499		14.4.93	Storå	
IFF	1	Smolt	Hatchery	Conon	Carlin	1994	75000-76999		28-30.4.93	Gudenå	
IFF	1	Smolt	Hatchery	Ätran	Carlin	1967	77000-78999		29-30.4.93	Gudenå	
IFF	1	Smolt	Hatchery	Corrib	Carlin	1981	79000-80999		28-30.4.93	Gudenå	
IFF	1	Smolt	Hatchery	Mörnum	Carlin	2000	81000-82999		24.8.93	Bornholm/ Østersaen	

Total:	Microtags	0
	Ext. tags	8441
	Fin clips	0

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

Marking Season: 1993

Country: Finland

Marking Agency	Age	Life Stage	H/W	Stock Origin	Tag Type or Mark	Number Marked	Code or Serial No.	Auxillary Clips/Marks	Release Date	Place of Release	Comments
Finnish Game and Fisheries Inst. and County Governor's Office in Finmark, Norway	2-MSW	Adult	W	R.Teno (Tana)	External Radio	93	Individual Freq/pulse rate codes	None	Jun-Jul 93	R.Teno estuary	Joint project with Norway

Total:	Microtags	0
	Ext. tags	93
	Fin clips	0

12 Marking Season: 1993 ICES Atlantic Salmon Marking Database Country: FRANCE

*CSP = Conseil Supérieur de la Pêche / **VI = Visible Implant / ***CB = Cold Branding

Marking Agency	Age at Marking ¹	Life Stage at Marking ²	Hatchery or Wild	Stock Origin	Type of Tag or Mark ³	Number Marked	Tag Codes or serial numbers ⁴	Auxillary Fin Clips or Marks	Release Date	Place of Release	Comments
CSP*	0+	Parr	H	Brittany	AD-	1260	-	-	23/6	Rhine	
CSP	1	Smolt	H	Brittany	VI**	400	C00-D99 CM0-CMI	AD-	24/2	Ill R.	Rhine Basin
CSP	1+	Smolt	H	Brittany	CB***	1436	Y	AD-	18/3-27/4	R. Loisanse	Normandy
CSP	1+	Smolt	W	Oir	CB	219	Λ	AD-	11/3-30/4	R. Oir	Normandy
CSP	1+	Smolt	H	Brittany	AD-	14100	-	-	17-18/3	R. Trieux	Brittany
CSP	0+	Parr	H	Brittany	AD-	31000	-	-	26/8+29/9	R. Trieux	Brittany
CSP	1+	Smolt	H	Brittany	AD-	32017	-	-	26/4	R. Douffine	Brittany
CSP	0+	Parr	H	Brittany	AD-	30000	-	-	8/9	R. Odet	Brittany
CSP	1	Smolt	H	Allier	Microtag	3225	8/136	AD-	22/2	R. Allier	Loire Basin
CSP	1	Smolt	H	Allier	Microtag	3191	8/132	AD-	22/2	R. Allier	Loire Basin
CSP	1	Smolt	H	Allier	Microtag	3222	8/130	AD-	23/2	R. Allier	Loire Basin
CSP	0+	Parr	H	Brittany	Microtag	3200	17/29	AD-	16/9+6/10	R. Gartempe	Loire Basin
CSP	1+	Parr	H	Allier	Microtag	2782	8/66	AD-	17-18/3	R. Gartempe	Loire Basin
CSP	1+	Parr	H	Brittany	Microtag	5983	8/160	AD-	12/3+6/5	R. Gartempe	Loire Basin
CSP	1+	Parr	H	Brittany	Microtag	1079	8/148	AD-	6/5	R. Gartempe	Loire Basin

¹ (0+, 1+, 2+....., etc. 1SW, 2SW, 3SW, MSW, etc.).

² Parr, smolt, post-smolt, adults kelt.

³ Micro X-ray, carlin, finclips or other with identifying features (colours). If a finclip is the only mark applied, it should be recorded in this column.

⁴ For micro-tags the format should be: Agency/Data#1/Data#2.

Marking Season: 1993 ICES Atlantic Salmon Marking Database Country: FRANCE

*CSP = Conseil Supérieur de la Pêche / **VI = Visible Implant / ***CB = Cold Branding / ****INRA = Institut National de la Recherche Agronomique.

Marking Agency	Age at Marking ¹	Life Stage at Marking ²	Hatchery or Wild	Stock Origin	Type of Tag or Mark ³	Number Marked	Tag Codes or serial numbers ⁴	Auxiliary Fin Clips or Marks	Release Date	Place of Release	Comments
CSP	1+	Parr	H	Allier	Microtag	1417	17/30	AD-	17/9	R. Gartempe	Loire Basin
CSP	1+	Parr	H	Brittany	Microtag	2000	17/28	AD-	6/10	R. Gartempe	Loire Basin
CSP	1+	Smolt	H	Allier	Microtag	8007	8/9B	AD-	15/3	R. Dordogne	
CSP	1+	Parr	H	Allier x Garonne	Microtag	394	8/8B	AD-	16/4	R. Ariège	Garonne Basin
CSP	1+	Smolt	H	Allier x Garonne	Microtag	1638	8/8B	AD-	5/4	R. Ariège	Garonne Basin
CSP	0+	Parr	H	Adour	AD-	10500	-	-	10/7+15/7	Gaves	Adour Basin
INRA****	0+	Parr	H	Nivelle	Microtag	779	08B40 08B64 99B34	AD-	4/11	Nivelle	South west
INRA	0+	Parr	H	Nivelle	PIT tag	299	-	AD-	22/11	Nivelle	South west
INRA	0+	Parr	H	Gaves	PIT tag	100	-	AD-	22/11	Nivelle	South west
INRA	0+	Parr	W	Nivelle	PIT tag	152	-	AD-	11-19/10	Nivelle	South west
INRA	1+	Parr	W	Nivelle	PIT tag	22	-	AD-	11-19/10	Nivelle	South west

¹ (0+, 1+, 2+....., etc. 1SW, 2SW, 3SW, MSW, etc.).

² Parr, smolt, post-smolt, adults kelt.

³ Micro X-ray, carlin, finclips or other with identifying features (colours). If a finclip is the only mark applied, it should be recorded in this column.

⁴ For micro-tags the format should be: Agency/Data#1/Data#2.

MARKING AGENCY	AGE AT MARK-ING	LIFE STAGE AT MARKING	HATCHERY-OR WILD	STOCK ORIGIN	TYPE OF TAG OR MARK	NUMBER MARKED	TAG CODES OR SERIAL NUMBERS SER=SERIAL AGD1D2	AUXILIARY FINCLIPS OR MARKS	RELEASE DATE	PLACE OF RELEASE
INSTI-TUTE OF FRESH-WATER FISHER-IES	1+	SMOLT	HATCHERY	NORDURÁ	MICROTAG	507	630118SER	ADIPOSE	JUNR-JULY	NORDURÁ
	1+	SMOLT	HATCHERY	LAXÁ Í REFASVEIT	MICROTAG	503	630137SER	ADIPOSE	JUNR-JULY	HALLA Í VINDELISHR.
	1+	SMOLT	HATCHERY	MIDFJARÐARÁ	MICROTAG	508	630307SER	ADIPOSE	JUNR-JULY	MIDFJARÐARÁ
	1+	SMOLT	HATCHERY	MIDFJARÐARÁ	MICROTAG	1266	630321	ADIPOSE	JUNR-JULY	VESTURÁ
	1+	SMOLT	HATCHERY	KOLLAUFJÖRÐUR	MICROTAG	1007	630334SER	ADIPOSE	JUNR-JULY	FÍSKA
		SMOLT	WILD	NÚPSÁ	MICROTAG	4	630336SER	ADIPOSE	JUNR-JULY	NÚPSÁ
	1+	SMOLT	HATCHERY	BLANDA	MICROTAG	238	630352SER	ADIPOSE	JUNR-JULY	SVARTÁ
	1+	SMOLT	HATCHERY	KÁLFA	MICROTAG	702	630357SER	ADIPOSE	JUNR-JULY	EYSTRÍ RANGÁ
	1+	SMOLT	HATCHERY	RANGÁ	MICROTAG	501	630357SER	ADIPOSE	JUNR-JULY	YTRÍ RANGÁ
	1+	SMOLT	HATCHERY	KOLLAUFJÖRÐUR	MICROTAG	2292	630402SER	ADIPOSE	JUNR-JULY	DYRHÓLALAX
	1+	SMOLT	HATCHERY	KOLLAUFJÖRÐUR	MICROTAG	2411	630402SER	ADIPOSE	JUNR-JULY	HRAUNSFJÖRÐUR
	1+	SMOLT	HATCHERY	KOLLAUFJÖRÐUR	MICROTAG	3020	630402SER	ADIPOSE	JUNR-JULY	KOLLAUFJÖRÐUR
	1+	SMOLT	HATCHERY	KOLLAUFJÖRÐUR	MICROTAG	2569	630403SER	ADIPOSE	JUNR-JULY	DYRHÓLALAX
	1+	SMOLT	HATCHERY	KOLLAUFJÖRÐUR	MICROTAG	2523	630403SER	ADIPOSE	JUNR-JULY	HRAUNSFJÖRÐUR
	1+	SMOLT	HATCHERY	KOLLAUFJÖRÐUR	MICROTAG	2581	630403SER	ADIPOSE	JUNR-JULY	KOLLAUFJÖRÐUR
	1+	SMOLT	HATCHERY	KOLLAUFJÖRÐUR	MICROTAG	3557	630404SER	ADIPOSE	JUNR-JULY	DYRHÓLALAX
	1+	SMOLT	HATCHERY	KOLLAUFJÖRÐUR	MICROTAG	3812	630404SER	ADIPOSE	JUNR-JULY	HRAUNSFJÖRÐUR
	1+	SMOLT	HATCHERY	KOLLAUFJÖRÐUR	MICROTAG	3897	630404SER	ADIPOSE	JUNR-JULY	KOLLAUFJÖRÐUR
	1+	SMOLT	HATCHERY	VOGAVÍK	MICROTAG	504	630404SER	ADIPOSE	JUNR-JULY	VOGAVÍK
	1+	SMOLT	HATCHERY	KOLLAUFJÖRÐUR	MICROTAG	1518	630405SER	ADIPOSE	JUNR-JULY	DYRHÓLALAX
	1+	SMOLT	HATCHERY	ELLIDÁR	MICROTAG	5930	630405SER	ADIPOSE	JUNR-JULY	ELLIDÁR
	1+	SMOLT	HATCHERY	KOLLAUFJÖRÐUR	MICROTAG	1751	630405SER	ADIPOSE	JUNR-JULY	HRAUNSFJÖRÐUR
	1+	SMOLT	HATCHERY	KOLLAUFJÖRÐUR	MICROTAG	2000	630405SER	ADIPOSE	JUNR-JULY	KOLLAUFJÖRÐUR
	1+	SMOLT	HATCHERY	KOLLAUFJÖRÐUR	MICROTAG	1174	630406SER	ADIPOSE	JUNR-JULY	DYRHÓLALAX
	1+	SMOLT	HATCHERY	KOLLAUFJÖRÐUR	MICROTAG	7514	630406SER	ADIPOSE	JUNR-JULY	HRAUNSFJÖRÐUR
	1+	SMOLT	HATCHERY	KOLLAUFJÖRÐUR	MICROTAG	1916	630406SER	ADIPOSE	JUNR-JULY	KOLLAUFJÖRÐUR
	1+	SMOLT	HATCHERY	RANGÁ	MICROTAG	508	630406SER	ADIPOSE	JUNR-JULY	YTRÍ RANGÁ
	1+	SMOLT	HATCHERY	ELLIDÁR	MICROTAG	2776	630407SER	ADIPOSE	JUNR-JULY	ELLIDÁR
	1+	SMOLT	HATCHERY	STOFNFI SKUR	MICROTAG	4086	630407SER	ADIPOSE	JUNR-JULY	HRAUNSFJÖRÐUR
	1+	SMOLT	HATCHERY	KOLLAUFJÖRÐUR	MICROTAG	1651	630407SER	ADIPOSE	JUNR-JULY	VOGAVÍK
	1+	SMOLT	HATCHERY	VOGAVÍK	MICROTAG	3544	630407SER	ADIPOSE	JUNR-JULY	VOGAVÍK
	1+	SMOLT	HATCHERY	KOLLAUFJÖRÐUR	MICROTAG	1501	630408SER	ADIPOSE	JUNR-JULY	DYRHÓLALAX
	1+	SMOLT	HATCHERY	KOLLAUFJÖRÐUR	MICROTAG	7368	630408SER	ADIPOSE	JUNR-JULY	HRAUNSFJÖRÐUR
	1+	SMOLT	HATCHERY	KOLLAUFJÖRÐUR	MICROTAG	1000	630408SER	ADIPOSE	JUNR-JULY	KOLLAUFJÖRÐUR
	1+	SMOLT	HATCHERY	KOLLAUFJÖRÐUR	MICROTAG	1355	630408SER	ADIPOSE	JUNR-JULY	VOGAVÍK
	1+	SMOLT	HATCHERY	VOGAVÍK	MICROTAG	180	630408SER	ADIPOSE	JUNR-JULY	VOGAVÍK
	1+	SMOLT	HATCHERY	ELDISSTOFN	MICROTAG	1497	630409SER	ADIPOSE	JUNR-JULY	KOLLAUFJÖRÐUR
	1+	SMOLT	HATCHERY	KOLLAUFJÖRÐUR	MICROTAG	4604	630409SER	ADIPOSE	JUNR-JULY	KOLLAUFJÖRÐUR
	1+	SMOLT	HATCHERY	STOFNFI SKUR	MICROTAG	5038	630409SER	ADIPOSE	JUNR-JULY	VOGAVÍK
	1+	SMOLT	HATCHERY	STOFNFI SKUR	MICROTAG	3039	630410SER	ADIPOSE	JUNR-JULY	VOGAVÍK
	1+	SMOLT	HATCHERY	VOGAVÍK	MICROTAG	8157	630410SER	ADIPOSE	JUNR-JULY	VOGAVÍK
	1+	SMOLT	HATCHERY	VOGAVÍK	MICROTAG	11353	630411SER	ADIPOSE	JUNR-JULY	VOGAVÍK
	1+	SMOLT	HATCHERY	KOLLAUFJÖRÐUR	MICROTAG	2503	630412SER	ADIPOSE	JUNR-JULY	VOGAVÍK
	1+	SMOLT	HATCHERY	VOGAVÍK	MICROTAG	8244	630412SER	ADIPOSE	JUNR-JULY	VOGAVÍK
	1+	SMOLT	HATCHERY	KOLLAUFJÖRÐUR	MICROTAG	3646	630413SER	ADIPOSE	JUNR-JULY	KOLLAUFJÖRÐUR
	1+	SMOLT	HATCHERY	KOLLAUFJÖRÐUR	MICROTAG	6521	630413SER	ADIPOSE	JUNR-JULY	VOGAVÍK
	1+	SMOLT	HATCHERY	BRÚARÁ	MICROTAG	2418	630414SER	ADIPOSE	JUNR-JULY	BRÚARÁ
	1+	SMOLT	HATCHERY	FLEKKUDALSÁ	MICROTAG	2000	630414SER	ADIPOSE	JUNR-JULY	FLEKKUDALSÁ
	1+	SMOLT	HATCHERY	KOLLAUFJÖRÐUR	MICROTAG	1558	630414SER	ADIPOSE	JUNR-JULY	KOLLAUFJÖRÐUR

Marking Season:1993

ICES ATLANTIC SALMON MARKING DATABASE

Country: ICELAND

Page 2 of 3

MARKING AGENCY	AGE AT MARK-ING	LIFE STAGE AT MARKING	HATCHERY-OR WILD	STOCK ORIGIN	TYPE OF TAG OR MARK	NUMBER MARKED	TAG CODES OR SERIAL NUMBERS SER=SERIAL AGD1D2	AUXILIARY FINCLIPS OR MARKS	RELEASE DATE	PLACE OF RELEASE
INSTI-TUTE OF FRESH-WATER FISHER-IES	1+	SMOLT	HATCHERY	STADARHÓLSÁ + HVOLSA	MICROTAG	2003	630414SER	ADIPOSE	JUNR-JULY	STADARHÓLSÁ + HVOLSA
	1+	SMOLT	HATCHERY	STÓRA LAXÁ	MICROTAG	1005	630414SER	ADIPOSE	JUNR-JULY	STÓRA LAXÁ
	1+	SMOLT	HATCHERY	DALSÁ+FOSSÁ	MICROTAG	2005	630414SER	ADIPOSE	JUNR-JULY	ÖLFUSÁ
	1+	SMOLT	HATCHERY	BLADADUR	MICROTAG	706	630415SER	ADIPOSE	JUNR-JULY	HRAUNSFJÖRDUR
	1+	SMOLT	HATCHERY	BLANDADUR	MICROTAG	8569	630415SER	ADIPOSE	JUNR-JULY	HRAUNSFJÖRDUR
	1+	SMOLT	HATCHERY	KROSSÁ	MICROTAG	2001	630415SER	ADIPOSE	JUNR-JULY	KROSSÁ
	1+	SMOLT	HATCHERY	BLANDADUR	MICROTAG	11055	630417SER	ADIPOSE	JUNR-JULY	HRAUNSFJÖRDUR
	1+	SMOLT	HATCHERY	BLANDADUR	MICROTAG	10526	630418SER	ADIPOSE	JUNR-JULY	HRAUNSFJÖRDUR
	1+	SMOLT	HATCHERY	BLANDADUR	MICROTAG	11237	630420SER	ADIPOSE	JUNR-JULY	HRAUNSFJÖRDUR
	1+	SMOLT	HATCHERY	BLANDADUR	MICROTAG	11182	630423SER	ADIPOSE	JUNR-JULY	HRAUNSFJÖRDUR
	1+	SMOLT	HATCHERY	BLANDADUR	MICROTAG	11266	630424SER	ADIPOSE	JUNR-JULY	HRAUNSFJÖRDUR
	1+	SMOLT	HATCHERY	FLJÓTAÁ	MICROTAG	697	630427SER	ADIPOSE	JUNR-JULY	FLJÓTAÁ
	1+	SMOLT	HATCHERY	BLANDADUR	MICROTAG	10515	630427SER	ADIPOSE	JUNR-JULY	HRAUNSFJÖRDUR
	1+	SMOLT	WILD	LAXÁ Í DÖLUM	MICROTAG	122	630428	ADIPOSE	JUNR-JULY	LAXÁ Í DÖLUM
	1+	SMOLT	HATCHERY	KÁLFÁ	MICROTAG	1388	630429SER	ADIPOSE	JUNR-JULY	EYSTRI RANGÁ
	1+	SMOLT	HATCHERY	KÁLFÁ	MICROTAG	505	630429SER	ADIPOSE	JUNR-JULY	FOSSÁ
	1+	SMOLT	HATCHERY	KÁLFÁ	MICROTAG	511	630429SER	ADIPOSE	JUNR-JULY	KÁLFÁ
	1+	SMOLT	HATCHERY	LEIRVOGSÁ	MICROTAG	908	630429SER	ADIPOSE	JUNR-JULY	LEIRVOGSÁ
	1+	SMOLT	HATCHERY	KÁLFÁ	MICROTAG	505	630429SER	ADIPOSE	JUNR-JULY	MINNIVALLALEKUR
	1+	SMOLT	HATCHERY	SOG	MICROTAG	2019	630429SER	ADIPOSE	JUNR-JULY	SOG
	1+	SMOLT	HATCHERY	KOLL+DALSÁ+ST.LAXÁ	MICROTAG	2022	630429SER	ADIPOSE	JUNR-JULY	YTRI RANGÁ
	2+	SMOLT	HATCHERY	KOLL+DALSÁ+ST.LAXÁ	MICROTAG	2017	630429SER	ADIPOSE	JUNR-JULY	YTRI RANGÁ
	1+	SMOLT	HATCHERY	RANGÁ	MICROTAG	1502	630429SER	ADIPOSE	JUNR-JULY	YTRI RANGÁ
	1+	SMOLT	WILD	ELLIDÁAR	MICROTAG	817	630430SER	ADIPOSE	JUNR-JULY	ELLIDÁAR
	1+	SMOLT	HATCHERY	KOLLAFJÖRDUR	MICROTAG	3002	630430SER	ADIPOSE	JUNR-JULY	KIRKJUFELLSÁ
	1+	SMOLT	HATCHERY	LAXÁ Í ADALDAL	MICROTAG	5664	630433SER	ADIPOSE	JUNR-JULY	LAXÁ Í ADALDAL
	1+	SMOLT	HATCHERY	MIDFJARÐARÁ	MICROTAG	2010	630433SER	ADIPOSE	JUNR-JULY	NÚPSÁ
	1+	SMOLT	HATCHERY	MIDFJARÐARÁ	MICROTAG	741	630433SER	ADIPOSE	JUNR-JULY	VESTURÁ
	1+	SMOLT	HATCHERY	ÞVERÁ	MICROTAG	3103	630433SER	ADIPOSE	JUNR-JULY	ÞVERÁ
	2+	SMOLT	HATCHERY	KOLLAFJÖRDUR	MICROTAG	1000	630434SER	ADIPOSE	JUNR-JULY	FISKÁ
	1+	SMOLT	HATCHERY	LAXÁ Í ADALDAL	MICROTAG	7870	630434SER	ADIPOSE	JUNR-JULY	LAXÁ Í ADALDAL
	1+	SMOLT	HATCHERY	LÁRÓS	MICROTAG	1691	630434SER	ADIPOSE	JUNR-JULY	LÁRÓS
	1+	SMOLT	WILD	ELLIDÁAR	MICROTAG	54	630436SER	ADIPOSE	JUNR-JULY	ELLIDÁAR
	1+	SMOLT	HATCHERY	FLJÓTAÁ	MICROTAG	805	630436SER	ADIPOSE	JUNR-JULY	FLJÓTAÁ
	1+	SMOLT	HATCHERY	HRÚTAFJARDARÁ	MICROTAG	1211	630436SER	ADIPOSE	JUNR-JULY	HRÚTAFJARDARÁ
	1+	SMOLT	HATCHERY	LÁRÓS	MICROTAG	1256	630436SER	ADIPOSE	JUNR-JULY	LÁRÓS
	1+	SMOLT	WILD	NÚPSÁ	MICROTAG	1800	630436SER	ADIPOSE	JUNR-JULY	NÚPSÁ
	1+	SMOLT	HATCHERY	LEIRVOGSÁ	MICROTAG	1011	631121	ADIPOSE	JUNR-JULY	LEIRVOGSÁ
	1+	SMOLT	HATCHERY	LANGÁ	MICROTAG	3009	151307	ADIPOSE	JUNR-JULY	LANGÁ
	1+	SMOLT	HATCHERY	VATNSDALSA	MICROTAG	1077	621760	ADIPOSE	JUNR-JULY	VATNSDALSA
	1+	SMOLT	HATCHERY	LEIRVOGSÁ	MICROTAG	6606	623045	ADIPOSE	JUNR-JULY	LEIRVOGSÁ
	1+	SMOLT	HATCHERY	LÁRÓS	MICROTAG	3067	603660	ADIPOSE	JUNR-JULY	LÁRÓS
	1+	SMOLT	HATCHERY	LAXÓS	MICROTAG	4539	603703	ADIPOSE	JUNR-JULY	LAXÓS
	1+	SMOLT	HATCHERY	NORÐURÁ	MICROTAG	4506	603712	ADIPOSE	JUNR-JULY	NORÐURÁ
	1+	SMOLT	HATCHERY	FLJÓTAÁ	MICROTAG	1501	603732	ADIPOSE	JUNR-JULY	FLJÓTAÁ
	1+	SMOLT	HATCHERY	LAXÁ Í ADALDAL	MICROTAG	3010	603736	ADIPOSE	JUNR-JULY	LAXÁ Í ADALDAL
	1+	SMOLT	HATCHERY	BLANDA	MICROTAG	2274	603746	ADIPOSE	JUNR-JULY	SVARTÁ
	1+	SMOLT	HATCHERY	VATNSDALSA	MICROTAG	2004	603755	ADIPOSE	JUNR-JULY	VATNSDALSA

Total number of microtagged smolts: 314.147

Other tags used for tagging adult salmon:	spghetty Floy Tags	N=1054	Blue	IS45425 - IS46957	Released at Blanda
--" --	N=5	Yellow	IS24120 - IS24125	Released at Núpsá	
--" --	N=48	Yellow	IS24301 - IS24348	Released at Núpsá	
--" --	N=200	Blue	IS48500 - IS48699	Released at Norðlingafljót	
--" --	N=33	Blue	IS41217 - IS41250	Released at Norðlingafljót	
--" --	N=3	Blue	IS48906,925,937	Released at Hraunsfjörður	
--" --	N=10	Blue	IS48762,775,789,791,712		
			,717,722,725,		
			726,731	Released at Hraunsfjörður	
		Total: =1345			

Marking Season: 1993

ICES Atlantic Salmon Marking Database

County: Ireland

Marking Agency	Age at Marking	Life Stage at Marking	Hatchery or Wild	Stock Origin	Type of Tag or Mark	Number Marked	Tag codes or serial numbers	Auxillary Fin Clips or Marks	Release Date	Place of Release	Comments
47	1+	Smolt	H	Parteen	CWT	10701	47/16/62	Adipose	30/3/93	Thomond Weir, Shannon	
47	1+	Smolt	H	Parteen	CWT	10332	47/16/63	Adipose	30/3/93	Thomond Weir, Shannon	
47	1+	Smolt	H	Parteen	CWT	10728	47/17/01	Adipose	30/3/93	Corbally Br. Shannon	
47	1+	Smolt	H	Parteen	CWT	10730	47/17/02	Adipose	30/3/93	Corbally Br. Shannon	
47	1+	Smolt	H	Parteen	CWT	10481	47/17/03	Adipose	30/3/93	Worrells End, Shannon	
47	1+	Smolt	H	Parteen	CWT	10774	47/17/04	Adipose	30/3/93	Worrells End, Shannon	
47	1+	Smolt	H	Parteen	CWT	10866	47/17/05	Adipose	30/3/93	O'Briens Br. Shannon	
47	1+	Smolt	H	Parteen	CWT	10380	47/17/06	Adipose	30/3/93	O'Briens Br. Shannon	
47	1+	Smolt	H	Parteen	CWT	10042	47/17/35	Adipose	30/3/93	Headrace, Shannon	
47	1+	Smolt	H	Parteen	CWT	9887	47/17/34	Adipose	30/3/93	Shannon	
47	1+	Smolt	H	Parteen	CWT	5329	47/16/34A	Adipose	30/3/93	Parteen, Shannon	
47	1+	Smolt	H	Parteen	CWT	9138	47/19/08A	Adipose	30/3/93	Tailrace, Shannon	
47	1+	Smolt	H	Parteen	CWT	10327	47/19/11R	Adipose	30/3/93	Plassy, Shannon	
47	1+	Smolt	H	Parteen	CWT	10167	47/19/14R	Adipose	30/3/93	Shannon Br. Shannon	
47	1+	Smolt	H	Parteen	CWT	3064	47/16/33A	Adipose	10/4/93	Fergus	
47	1+	Smolt	H	Parteen	CWT	1095	47/19/13R	Adipose	30/3/93	Plassy, Shannon	
47	1+	Smolt	H	Delphi	CWT	10944	47/17/45	Adipose	23/4/93	Finlough, Delphi	
47	1+	Smolt	H	Delphi	CWT	10710	47/17/46	Adipose	23/4/93	Finlough, Delphi	
47	1+	Smolt	H	Delphi	CWT	10706	47/17/47	Adipose	23/4/93	Finlough, Delphi	
47	1+	Smolt	H	Delphi	CWT	10934	47/17/48	Adipose	23/4/93	Finlough, Delphi	
47	1+	Smolt	H	Delphi	CWT	2886	47/3/41B	Adipose	23/4/93	Finlough, Delphi	
47	1+	Smolt	H	Delphi	CWT	558	47/3/37B	Adipose	23/4/93	Finlough, Delphi	
47	1+	Smolt	H	Delphi	CWT	214	47/1/57C	Adipose	23/4/93	Finlough, Delphi	
47	1+	Smolt	H	Delphi	CWT	913	47/2/27C	Adipose	23/4/93	Finlough, Delphi	
47	1+	Smolt	H	Delphi	CWT	975	47/2/18C	Adipose	23/4/93	Finlough, Delphi	
47	1+	Smolt	H	Casla	CWT	10782	47/17/38	Adipose	2/4/93	Casla	
47	1+	Smolt	H	Casla	CWT	10867	47/17/39	Adipose	2/4/93	Casla	
47	1+	Smolt	H	Casla	CWT	10620	47/17/40	Adipose	2/4/93	Casla	
47	1+	Smolt	H	Casla	CWT	11086	47/17/41	Adipose	2/4/93	Casla	
47	1+	Smolt	H	Casla	CWT	11200	47/17/42	Adipose	2/4/93	Casla	
47	1+	Smolt	H	Casla	CWT	10796	47/17/43	Adipose	2/4/93	Casla	
47	1+	Smolt	H	Casla	CWT	1806	47/3/38B	Adipose	2/4/93	Casla	
47	1+	Smolt	H	SRA	CWT	3716	47/17/19	Adipose	N/A	Burrishoole	
47	1+	Smolt	H	SRA	CWT	9810	47/17/20	Adipose	N/A	Burrishoole	
47	1+	Smolt	H	SRA	CWT	8729	47/17/21	Adipose	N/A	Burrishoole	
47	1+	Smolt	H	SRA	CWT	10528	47/17/30	Adipose	N/A	Burrishoole	
47	1+	Smolt	H	SRA	CWT	690	47/17/11	Adipose	N/A	Burrishoole	
47	1+	Smolt	H	SRA	CWT	6599	47/17/19A	Adipose	N/A	Burrishoole	
47	1+	Smolt	H	Screebe	CWT	3455	47/17/44B	Adipose	8/4/93	Screebe	

Marking Season: 1993

ICES Atlantic Salmon Marking Database

Country: Ireland

Marking Agency	Age at Marking	Life Stage at Marking	Hatchery or Wild	Stock Origin	Type of Tag or Mark	Number Marked	Tag Codes or serial numbers	Auxillary Fin Clips or Marks	Release Date	Place of Release	Comments
47	2+	Smolt	H	Screebe	CWT	8135	47/17/22	Adipose	8/4/93	Screebe	
47	1+	Smolt	H	Cong	CWT	10500	47/17/26	Adipose	8/4/93	Bunowen	
47	1+	Smolt	H	Cong	CWT	9552	47/17/27	Adipose	8/4/93	Bunowen	
47	1+	Smolt	H	Cong	CWT	10223	47/17/28	Adipose	8/4/93	Bunowen	
47	1+	Smolt	H	Cong	CWT	7026	47/17/29	Adipose	6/4/93	Cong	
47	1+	Smolt	H	Cong	CWT	1903	47/17/33	Adipose	8/4/93	Bunowen	
47		Smolt	W	Corrib	CWT	1360	47/17/23	Adipose	5/5/93	Corrib	
47		Smolt	W	Corrib	CWT	1739	47/17/37	Adipose	22/4/93	Corrib	
47		Smolt	W	Corrib	CWT	1646	47/17/36	Adipose	28/4/93	Corrib	
47	1+	Smolt	H	Partee	Fin Clip	150.000	-	Adipose	-/4/93	Shannon	
47	1+	Smolt	H	Erne	Fin Clip	40.000	-	Adipose	-/4/93	Erne	
47	1+	Smolt	H	Lee	Fin Clip	150.000	-	Adipose	-/4/93	Lee	

Total CWT:	Salmon: hatchery	358,109
	Salmon: wild	4,745
	Sea trout	6,599
	Lobster	760 (Tag Code 47/17/44)
Total Fin Clip only:	Salmon	340,000

ICES Atlantic Salmon Marking Database

Marking Season: 1993

Country: NORWAY

Marking Agency	Age at Marking	Life Stage at Marking	Hatchery or Wild	Stock Origin	Type of Tag or Mark	Number Marked	Tag Codes or serial numbers	Auxillary Fin Clips or Marks	Release Dates	Place of Release	Comments
NINA ¹	1	Smolt	H	Halsa R.	Carlin	1,999	NT 20,000- 21,999		18-21/6	Halsa River	
NINA		Smolt	W	Halsa R.	-"	116	NT 23,265- 23,380		18-21/6	Halsa R.	
NINA		Smolt	W	Figgjo R.	-"	700	NT 74,300- 74,999		27-29/4	Figgjo River	
NINA		Smolt	W	Figgjo R.	-"	300	NT86,700- 86,999		26-27/4	Figgjo R.	
NINA		Smolt	W	Imsa R.	-"	398	NU 27,692- 28,089		16/2-2/11	Imsa River	
NINA	1	Smolt	H	Halsa R.	-"	2,999	NU 40,400- 43,399		18/6-21/6	Halsa R.	
IMR ²	1+	Smolt	H	3 Hordaland rivers	-"	11,812	NW 44,000- 55,999		12/5-3/6	Sotra Island	F ₁ offspring from Lone, Dale, Vosso R.
SHH ³	2+	Smolt	H	Vefsna R.	-"	2,500	NW 95,000- 97,499		3/6	Vega Island	Marine ranching exp.
NINA	2	smolt	H	Namsen R.	-"	12,340	NX 30,000- 42,999		14/4-12/5	Opploy R.	
NINA	2	Smolt	H	Gaula R.	-"	1,980	NX 43,000- 44,999		18/5	Gaula R.	
NINA	2	Smolt	H	Surna R.	-"	987	NX 45,000- 45,999		14/5	Grip bay	Coastal release exp.
NINA	2	Smolt	H	Surna R.	-"	980	NX 46,000- 46,999		13/5	Surna R.	
NINA	2	Smolt	H	Surna R.	-"	993	NX 47,000- 47,999		13/5	Grip bay	Coastal release exp.
NINA		Smolt	H	Orkla R.	-"	963	NX 48,000- 48,999		14- 16/4	Orkla R.	
SHH	2+	Smolt	H	Vefsna R.	-"	7,999	NX 49,000- 56,999		3/6-29/6	Vega Island	Marine ranching exp.
NINA	2+	Smolt	H	Vefsna R.	-"	2,000	NX 57,000- 58,999		24-30/6	Vefsna R.	
NINA	2	Smolt	H	Namsen R.	-"	19,531	NX 65,000- 84,999		28/4-22/6	Opploy R.	
NINA	1	Smolt	H	Namsen R.	-"	2979	NX 85,000- 87,999		22/6	Opploy R.	
NINA	2+	Smolt	H	Drammen R.	-"	998	NX 88,000- 88,999		8/5	Drammen R.	

Marking Agency	Age at Marking	Life Stage at Marking	Hatchery or Wild	Stock Origin	Type of Tag or Mark	Number Marked	Tag Codes or serial numbers	Auxillary Fin Clips or Marks	Release Dates	Place of Release	Comments
NINA	1+	Smolts	H	Drammen R.	Carlin	1,999	NX 89,000- 90,999		8/5	Drammen R.	
NINA	2+	Smolts	H	Drammen R.	"-	997	NX 91,000- 91,999		8/5	Drammen R.	
NINA		Smolts	W	Vefsna R.	"-	751	NX 96,000- 96,779		24/6-9/7	Vefsna R.	
NINA	1+	Smolts	H	Imsa R.	"-	1,460	NY 3,300- 4,999		3/5	Imsa R.	
NINA	2+	Smolts	H	Lone r.	"-	1,979	NY 20,000- 21,999		4/5	Imsa R.	
NINA	2+	Smolts	H	Drammen R.	"-	2,690	NY 22,000- 24,699		4/5	Imsa R.	
NINA	2+	smolts	H	Imsa R.	"-	3,145	NY 24,700- 27,999		4/5	Imsa R.	
NINA	1+	smolts	H	Imsa R.	"-	6,851	NY 28,000- 34,999		3-4/5	Imsa R.	
NINA	1+	Smolts	H	Sunndalsoera	"-	990	NY 35,000- 35,999		3/5	Imsa R.	
NINA	1+	Smolts	H	Alta R.	"-	998	NY 36,000- 36,999		3/5	Imsa R.	
NINA	1+	Smolts	H	Lone R.	"-	1,982	NY 37,000- 37,999		4/5	Imsa R.	
NINA	1+	Smolts	H	Figgjo R.	"-	1,979	NY 39,000- 40,999		5/5	Figgjo R.	
NINA	1+	Smolts	H	Lone R.	"-	9,903	NY 41,000- 50,999		3-4/5	Imsa R.	
NINA	2+	Smolts	H	Lone R.	"-	1,958	NY 51,000- 52,999		19/5	Audna R.	
NINA	2+	Smolts	H	Lone R.	"-	990	NY 53,000- 53,999		21/5	Lygna R.	
NINA	2+	Smolts	H	Vefsna R.	"-	3,000	NY 71,000- 73,999		8/6	Vefsna R.	
NINA	1+	Smolts	H	Vefsna R.	"-	3,000	NY 74,000- 76,999		8/6	Vefsna R.	
NINA	2+	Smolts	H	Vefsna R.	"-	3,000	NY 77,000- 79,999		8/7	Vefsna R.	
NINA	1+	Smolts	H	Vefsna R.	"-	3,000	NY 80,000- 82,999		8/7		

¹Norwegian Institute for Nature Research²Institute of Marine Research³Soer- Helgeland Havbeite

ICES Atlantic Salmon Marking Database

Marking Season: 1993

Country: NORWAY page 3

Marking Agency	Age at Marking	Life Stage at Marking	Hatchery or Wild	Stock Origin	Type of Tag or Mark	Number Marked	Tag Codes or serial numbers	Auxillary Fin Clips or Marks	Release Date	Place of Release	Comments
NINA	2+	Smolts	H	Vefsna	Carlin	3,000	NY 83,000- 85,999		28/6	Vefsna R.	
NINA	1+	Smolts	H	Vefsna	-"	3,000	NY 86,000- 88,999		28/6	Vefsna R.	
NINA	2+	Smolts	H	Vefsna	-"	9,000	NY 89,000- 97,999		18/6	Vefsna R.	
NINA	1SW	Adults	H		Lea	19	X 65,801- 65,819		10/7-1/8	Drammensfjord	Farm escapement simulation
NINA	1SW	Adults	H		-"	20	X 65,901- 65,921		10/7-10/8	- " -	-"
NINA	1SW	Adults	H		-"	98	X 70,351- 70,448		26/4-4/11	- " -	-"
NINA	1SW	Adults	H	Sunndalsoera	-"	1,000	X 78,201- 79,200		11/11-17/12	Stavangerfjord	-"
NINA	2SW	Adults	H	Mowi	-"	999	X 66,001- 67,000		2/11-15/12	Vassdal bay	-"
NINA		Adults	W		-"	1,549	X 72,542- 74,000		1/3-21/3	Faroes waters	Research fishery
NINA		Adults	W		-"	556	X74,201- 74,756		21-29/3	Faroes waters	- " - - " -
NINA	2+	Smolts	H	Lone R.	CWT	2,000	59/ 16/ 26	adipose	4/5	Imsa R.	
NINA	1+	Smolts	H	Lone R.	CWT	2,000	59/ 16/ 27	-"	4/5	Imsa R.	
NINA	1+	Smolts	H	Imsa R.	CWT	2,000	59/ 16/ 28	-"	4/5	Imsa R.	
SHH	1+	Smolts	H	Vefsna R.	CWT	10,000	59/ 16/31	-"	3/6	Vega Island	Mar. release exp.
SHH	1+	Smolts	H	Vefsna r.	CWT	10,000	59/ 16/ 32	-"	3/6	Vega I.	- " - - " -
SHH	1+	Smolts	H	Vefsna R.	CWT	10,000	59/ 16/ 33	-"	3/6	Vega I.	- " - - " -

¹⁾Norwegian Institute for Nature Research²⁾Institute of Marine Research³⁾Soer- Helgeland Havbeite

Marking Agency	Age at Marking	Life Stage at Marking	Hatchery or Wild	Stock Origin	Type of Tag or Mark	Number Marked	Tag Codes or serial numbers	Auxillary Fin Clips or Marks	Release Date	Place of Release	Comments
IMR ²⁾	1 +	Smolts	H	Lone, dale, Vosso R.	CWT	10,000	59/ 1/ 10	Adipose	12/5- 3/6	Sotra Island	Marine release exp.
IMR	1 +	Smolts	H	- " - " -	CWT	10,000	59/ 1/ 47	- " -	12/5- 3/6	Sotra I.	- " - - " -
IMR	1 +	Smolts	H	- " - " -	CWT	10,000	59/ 1/ 49	- " -		Sotra I.	- " - - " -
SHH ³⁾	1 +	Smolts	H	Vefsna R.	Adipose clip	82,000			3/6	Vega I.	- " - - " -
NINA ¹⁾	1 +, 2 +	Smolts	H	Namsen R.	- " -	74,000			28/4-22/6	Opploy R.	

¹⁾Norwegian Institute for Nature Research

²⁾Institute of Marine Research

³⁾Soer- Helgeland Havbeite

Carlin tags, hatchery fish: 138,117
 - " - , wild fish: 4,370
 CWT hatchery fish: 66,000
 Adipose clip hatchery fish: 156,000

Total hatchery: 360,117
 Total wild: 4,370
 Grand total: 364,487

Marking Season: 1993 ICES Atlantic Salmon Marking Database Country: RUSSIA

Marking Agency	Age at Marking	Life Stage at Marking	Hatchery or Wild	Stock Origin	Type of Tag or Mark	Number Marked	Tag Codes or Serial Numbers	Auxillary Fin Clips or Marks	Release Date	Place of Release	Comments
Taibola hatchery	2	Smolt	H	Kola' river	Adipose fin cut off	50.800			April-June	Kola' R.	
Kniazhya Cuba hatchery	2+	Smolt	H	Kola' River	Adipose fin cut off	43. 000			June-July	Kniazhya Bay	
Vyg river hatchery	2+	Smolt	H	Keret' River	Carlin tag	2.000	30.000-30.999 31.000-31.999		May	Keret' R.	

Marking Season: 1993 ICES Atlantic Salmon Marking Database Country: SPAIN

The Working Group has received information that CWT tags coded 23/16/18 through 16/24; 23/16/36 through 16/63; 23/17/01 and 23/17/05 through 17/24 have been applied in Spanish releases of parr and smolts during 1991-93. However, no data on number of tagged fish are available.

ICES ATLANTIC SALMON MARKING DATA BASE

Marking during season: 1993

Country: SWEDEN (West coast)

Marking agency	Age at marking ¹	Life stage at marking ²	Hatchery or wild	Stock origin	Type of tag or mark ³	Number marked	Tag codes or serial Nos ⁴	Auxillary finclips or marks	Release date	Place of release	Comments
Salmon Research Institute S-810 70 Älvkarleby	2+	smolt	h	R. Lagan	Carlin	997	N612000-612999		Apr 21	R. Lagan	
	2+	smolt	h	R. Lagan	Carlin	999	N611000-611999		Apr 21	R. Lagan	
	1+	smolt	h	R. Lagan	Carlin	1,993	N613000-614999		Apr 27	R. Lagan	
	2+	smolt	h	R. Ätran	Carlin	499	N610000-610499		Apr 27	R. Nissan	
	1+	smolt	h	R. Ätran	Carlin	496	N610500-610999		Apr 27	R. Nissan	
	1+	smolt	h	R. Sävåån	Carlin	989	N703000-703999		May 11	R. Göta älv	
	2+	smolt	h	R. Sävåån	Carlin	983	N704000-704999		May11	R. Göta älv	
						6,956					

Notes for tabulation:

¹ (0+, 1+, 2+, etc., 2SW, 3SW, MSW, etc.).

²Parr, smolt, post-smolt, adult, kelt.

³Micro, Xray, Carlin, finclips or other with identifying features (colours). If a finclip is the only mark applied, it should be recorded in this column.

⁴Format should be: Agency/Data#1/Data#2.

Marking Season: 1993

Country: UK (England & Wales).

Marking Agency	Age	Life Stage	H/W	Stock Origin	Tag Type or Mark	Number Marked	Code or Serial No.	Auxiliary Clips/Marks	Release Date	Place of Release	Comments
MAFF	1/2	Smolt	W	Test	Microtag	1,712	42/16/19	Adipose	Mar-Apr 93	R.Test	
MAFF	0+	Parr	H	Test	½ Microtag	935	11/1/1/1/13	Adipose	Jul-93	R.Test	
MAFF	0+	Parr	H	Test	½ Microtag	11,156	11/1/1/1/14	Adipose	Jul-93	R.Test	
MAFF	0+	Parr	H	Test	Microtag	9,988	42/20/01	Adipose	Jul-93	R.Test	
MAFF/NRA	1/2	Smolt	W	Wear	Microtag	40	42/18/32	Adipose	Apr-93	R.Wear	
MAFF/NRA	1/2	Smolt	W	Wear	Microtag	3,292	42/16/02	Adipose	May-93	R.Wear	
MAFF/NRA	1/2	Smolt	W	Wear	Microtag	1,218	42/16/21	Adipose	May-Jun 93	R.Wear	
NRA Northumbria	1/2	Smolt	W	Coquet	Microtag	912	42/18/30	Adipose	Mar-Jun 93	R.Coquet	
NRA Northumbria	1+	Parr	H	Tyne	Microtag	10,112	42/18/22	Adipose	Feb-93	R.Tees	
NRA Northumbria	1+	Parr	H	Tyne	Microtag	7,511	42/18/23	Adipose	Feb-93	R.N.Tyne	
NRA Northumbria	1+	Parr	H	Tyne	Microtag	7,531	42/18/24	Adipose	Feb-93	R.N.Tyne & Rede	
NRA Northumbria	1+	Parr	H	Tyne	Microtag	7,679	42/18/25	Adipose	Mar-93	R.S.Tyne	
NRA Northumbria	1+	Parr	H	Tyne	Microtag	8,511	42/18/26	Adipose	Mar-93	R.Wear	
NRA Northumbria	1+	Parr	H	Tyne	Microtag	6,291	42/18/27	Adipose	Mar-93	R.Wear	
NRA Northumbria	1+	Parr	H	Tyne	Microtag	7,534	42/18/28	Adipose	Feb-93	R.N.Tyne	
NRA Northumbria	1+	Parr	H	Tyne	Microtag	5,202	42/18/29	Adipose	Mar-93	R.Esk	
NRA Northumbria	1-2SW	Kelt	W	Tyne	Anchor	183	E78 7021-7902	None	Nov-Dec 93	R.Tyne	
NRA Northumbria	1-2SW	Kelt	W	Coquet	Anchor	26	E78 5180-5228	None	May-Jun 93	R.Coquet	
NRA Northumbria	1-2SW	Kelt	W	Wear	Anchor	11	E78 5007-5682	Some afc	Apr-May 93	R.Wear	
NRA Thames	1+	Parr	H	Thames cross	Microtag	9,643	42/17/60	Adipose	Feb-93	R.Lambourn	R.Thames tributary
NRA Thames	1+	Parr	H	Thames cross	Microtag	2,867	42/17/61	Adipose	Feb-93	R.Lambourn	R.Thames tributary
NRA Thames	1+	Parr	H	Thames cross	Adipose clip	2,100		Adipose	Mar-93	R.Lambourn	R.Thames tributary
NRA Thames	1+	Smolt	H	Thames cross	Adipose clip	21,329		Adipose	Feb-Mar 93	Thames & Lambourn	
NRA Thames	Var	Adult	W	Thames	Anchor	224	E77 3301-3554	Some afc	Jun-Sep 93	R.Thames	

Sub-Total:	Microtags	102,134
	Ext. tags	444
	Fin clips	23,429

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

Marking Season: 1993

Country: UK (England & Wales).

Marking Agency	Age	Life Stage	H/W	Stock Origin	Tag Type or Mark	Number Marked	Code or Serial No.	Auxillary Clips/Marks	Release Date	Place of Release	Comments
NRA Thames	Var	Kelt	W	Thames	Anchor	51	E77 3800-3850	Some afc	Jan-94	R.Thames	
NRA North West	0+	Parr	H	Caldew	Microtag	9,027	42/19/24	Adipose	Sep-93	R.Caldew	R.Eden tributary
NRA North West	0+	Parr	H	Lune	Microtag	9,027	42/19/23	Adipose	Sep-93	R.Lune	
NRA North West	1+	Parr	H	Lune	Microtag	7,772	42/19/54	Adipose	Mar-94	R.Lune	
NRA North West	1+	Parr	H	Caldew	Microtag	10,800	42/19/57	Adipose	Mar-94	R.Caldew	R.Eden tributary
NRA Wales	1+	Smolt	H	Taff	Microtag	1,851	42/21/41	Adipose	Apr-93	R.Taff	
NRA Wales	1+	Smolt	H	Mawddach	Microtag	3,033	42/22/11	Adipose	Mar-93	R.Mawddach	
NRA Wales	1+	Parr	H	Mawddach	Microtag	3,833	42/19/10	Adipose	Mar-93	R.Mawddach	
NRA Wales	1+	Smolt	W	Dee	Microtag	521	42/19/12	Adipose	May-93	R.Dee	
NRA Wales	1+	Smolt	W	Dee	Microtag	17	42/17/16	Adipose	May-93	R.Dee	
NRA Wales	1+	Smolt	W	Usk	Microtag	8	42/16/54	Adipose	May-93	R.Usk	
NRA Wales	1+	Parr	H	Tywi	Microtag	8,355	42/19/15	Adipose	Jun-93	R.Tywi	
NRA Wales	1+	Parr	H	Cumbria	Microtag	10,598	42/20/27	Adipose	Jul-93	R.Ogmore	
NRA Wales	1+	Smolt	H	Dee	Microtag	5,338	42/19/03	Adipose	Feb-93	R.Dee	
NRA Wales	1+	Smolt	H	Wye	Microtag	5,272	42/19/09	Adipose	Mar-93	R.Ogmore	
NRA Wales	1+	Smolt	H	Dee	Microtag	2,983	42/19/06	Adipose	Mar-93	R.Dee	
NRA Wales	1+	Smolt	H	Dee	Microtag	7,738	42/19/05	Adipose	Mar-93	R.Dee	
NRA Wales	1+	Smolt	H	Dysynni	Microtag	2,132	42/21/37	Adipose	Mar-93	R.Dysynni	
NRA Wales	1+	Parr	H	Dee	Microtag	8,748	42/19/18	Adipose	Jun-93	R.Dee	
NRA Wales	1+	Parr	H	Dee	Microtag	8,626	42/19/20	Adipose	Jul-93	R.Dee	
NRA Wales	1+	Parr	H	Wye	Microtag	4,493	42/20/25	Adipose	Jul-93	R.Ogmore	
NRA Wales	1-MSW	Adult	W	Taff	Anchor	372	210 - 326	Adipose	1993	R.Taff	
							& 1614 - 2000				
NRA Wales	1-MSW	Adult	W	Taff	Anchor+CART	75	1174 - 1336	Adipose	1993	Severn Estuary	

Sub-Total: Microtags 110,172
 Ext. tags 498
 Fin clips 0

ICES COMPILATION OF MICROTAG, FIN CLIP, AND EXTERNAL TAG RELEASES.Marking Season: 1993Country: UK (England & Wales).

Marking Agency	Age	Life Stage	H/W	Stock Origin	Tag Type or Mark	Number Marked	Code or Serial No.	Auxillary Clips/Marks	Release Date	Place of Release	Comments
NRA Wales	1-MSW	Adult	W	Dee	Anchor	1,228	2958 - 4205	Hole in AF	Feb-Oct 93	R.Deer	
NRA Wales	1-MSW	Adult	W	Dee	Anchor+Radio	169	271 - 586	None	Apr-Dec 93	R.Deer & estuary	
NRA Wales	1-MSW	Adult	W	Tawe	Anchor+CART	28	3049 - 3500	None	May-Oct 93	R.Tawe estuary	
NRA Wales	1-MSW	Adult	W	Tawe	Anchor+CART	7	& E77 2757-2766	None	Jul-Aug 93	R.Tawe estuary	
NRA Wales	1-MSW	Adult	W	Tawe	Anchor	25	24 - 1012	None	May-Oct 93	R.Tawe estuary	
NRA South West	1-MSW	Adult	W	Tamar & Tavy	Anchor	89	E76 0001 - 9999	None	Jun-Sep 93	R.Tamar & R.Tavy	
NRA South West	1-MSW	Adult	W	Taw & Torridge	Anchor	94	E76 6175 - 6967	None	May-Sep 93	R.Taw estuary	
NRA Southern	1-2SW	Adult	W	Test & Itchen	Anchor+Radio	106	501 - 602 & 9308 - 9442	some AFC	Apr-Sep 93	R.Test R. Itchen	

Sub-Total: Microtags 0
 Ext. tags 1,746
 Fin clips 0

GRAND TOTAL:

Microtags 212,306
 Ext. tags 2,688
 Fin clips 23,429

Note: CART tags are combined acoustic & radio tags.

Marking Season: 1993 ICIS ATLANTIC SALMON MARKING DATABASE. Country: UK (N Ireland)

MARKING AGENCY	AGE AT MARKING 1	LIFE STAGE AT MARKING 2	HATCHERY OR WILD	STOCK ORIGIN	TYPE OF TAG OR MARK 3	NUMBER MARKED	TAG CODES OR SERIAL NUMBERS 4	AUXILIARY FIN CLIPS OR MARKS	RELEASE DATE	PLACE OF RELEASE	COMMENTS
Dept of Agric N Ireland	2+	Parr	H	R Bush	Micro	1,009	43/16/19	Adipose	26/4/93	R Bush	
	2+	Parr	H	R Bush	Micro	1,092	43/16/07	Adipose vi tag left eye	26/4/93	R Bush	
	2+	Parr	H	R Bush	Micro	1,035	43/16/11	Adipose Hot brand left flank	26/4/93	R Bush	
	2+	Parr	H	R Bush	Micro	1,666	43/16/20	Adipose	23/2/93	R Lagan	
	1+	Parr	H	R Bush	Micro	3,794	43/16/30	Adipose anal fin clip	10/5/93	R Bush	
	1+	Parr	H	R Bush	Micro	3,209	43/16/31	Adipose	14/5/93	R Bush	
	1+	Parr	H	R Bush	Micro	4,296	43/16/32	Adipose	10/5/93	R Bush	
	1+	Smolt	W	R Bush	Micro	234	43/16/33	Adipose	25/5 - 21/6/93	R Bush	
		Adults Kelt	H/W	R Bush	VI	124		Adipose Panjetted ventral surface	10/2/93	R Bush	
Total						16,459					

1. (0+, 1+, 2+....., etc. 2SW, 2SW, 3SW, MSW, etc.); 2. Parr, smolt, post-smolt, adults kelt.
3. Micro X-ray, carlin, finclips or other with identifying features (colours). If a finclip is the only mark applied, it should be recorded in this column.
4. For micro-tags the format should be: Agency/Data#1/Data#2

Marking Season: 1993

ICES ATLANTIC SALMON MARKING DATABASE

Country: UK (Scotland)

MARKING AGENCY	1 AGE AT MARKING	2 LIFE STAGE AT MARKING	HATCHER OR WILD	STOCK ORIGIN	3 TYPE OF TAG OR MARK	NUMBER MARKED	4 TAG CODES OR SERIAL NUMBERS	AUXILLIARY FINCLIPS OR MARKS	RELEASE DATE	PLACE OF RELEASE	COMMENTS
SOAFD	1	Smolt	H	River Dionard	Microtag (X-Ray)	285	10/2	Adipose	Spring 1993	River Dionard	
	1	Smolt	H	River Dionard	Microtag (X-ray)	1478	10/9	Adipose	Spring 1993	River Dionard	
	1	Smolt	H	River Dionard	Microtag (X-Ray)	1722	10/10	Adipose	Spring 1993	River Dionard	
	2	Smolt	H	River Dionard	Microtag (X-Ray)	800	10/20	Adipose	Spring 1993	River Dionard	
	2	Smolt	H	River Dionard	Microtag (X-Ray)	881	10/37	Adipose	Spring 1993	River Dionard	
	2	Smolt	H	River Dionard	Microtag (X-Ray)	494	10/40	Adipose	Spring 1993	River Dionard	
	1-2SW	Adult	W	Shin Kyle District	Yellow Floy	291	17025-17049 17056-17059 17075-17097 17625-17698 17700-17724 17775-17798 17800-17873	Hole Punched in Adipose Fin	26.11.93 and 2.12.93	River Shin	

The Scottish Office Agriculture and Fisheries Department (SOAFD)

1. (0+, 1+, 2+..., etc. 1SW, 2SW, 3SW, MSW, etc.).
2. Parr, smolt, post-smolt, adult, kelt.
3. Micro X-ray, carlin, finclips or other with identifying features (colours). If a finclip is the only mark applied, it should be recorded in this column.
4. For micro-tags the format should be: Agency/Data#1/Data#2.

Marking Season: 1993

ICES ATLANTIC SALMON MARKING DATABASE

Country: UK (Scotland)

MARKING AGENCY	1 AGE AT MARKING	2 LIFE STAGE AT MARKING	HATCHER OR WILD	STOCK ORIGIN	3 TYPE OF TAG OR MARK	NUMBER MARKED	4 TAG CODES OR SERIAL NUMBERS	AUXILLIARY FINCLIPS OR MARKS	RELEASE DATE	PLACE OF RELEASE	COMMENTS
SOAFD	1-2SW	Adult	W	Oykel Kyle District	Yellow Floy	81	17100-17123 17150-17169 17209-17224 17300-17323 17725-17773 17052-17053	Hole Punched in Adipose Fin	26.11.93	River Oykel	All fish tagged are female
Spey District Fishery Board	1-3SW	Kelt	W	River Spey	Yellow Floy	52	17557-17561 17565 17575-17620 17623		23.11.93	River Drule	Tributary of River Spey
SOAFD	1-3	Parr	W	Baddoch	Microtag (Standard)	140	62/50/2	Adipose	15.10.93 to 7.12.93	Baddoch River Dee	Precocious Males
	1-3	Parr	W	Baddoch	Microtag (Standard)	330	62/50/1	Adipose	20.10.93 to 10.12.93	Baddoch	Tributary of River Dee Aberdeenshire
	1-3SW	Kelt	W	Baddoch	Yellow Floy	78	18500-18549 20310-20367	Partial Adipose Fin Clip	1.10.93 to 11.11.93	Baddoch	Tributary of River Dee Aberdeenshire
	1-3	Parr	W	Gimock	Microtag (Standard)	706	62/50/4	Adipose	15.10.93 to 7.12.93	Gimock	Precocious males

The Scottish Office Agriculture and Fisheries Department (SOAFD)

1. (0+, 1+, 2+..., etc. 1SW, 2SW, 3SW, MSW, etc.).

2. Parr, smolt, post-smolt, adult, kelt.

3. Micro X-ray, carlin, finclips or other with identifying features (colours). If a finclip is the only mark applied, it should be recorded in this column.

4. For micro-tags the format should be: Agency/Data#1/Data#2.

Marking Season: 1993

ICES ATLANTIC SALMON MARKING DATABASE

Country: UK (Scotland)

MARKING AGENCY	1 AGE AT MARKING	2 LIFE STAGE AT MARKING	HATCHER OR WILD	STOCK ORIGIN	3 TYPE OF TAG OR MARK	NUMBER MARKED	4 TAG CODES OR SERIAL NUMBERS	AUXILLIARY FINCLIPS OR MARKS	RELEASE DATE	PLACE OF RELEASE	COMMENTS
SOAFD	2-4	Smolt	W	Gimock	Microtag (X-Ray)	2147	16/74	Adipose	8.2.93 to 14.5.93	Gimock	Tributary of River Dee Aberdeenshire
	1-3	Parr	W	Gimock	Microtag (X-Ray)	334	62/50/3	Adipose	15.10.93 to 10.12.93	Gimock	Tributary of River Dee Aberdeenshire
	1-3	Parr	W	Gimock	Microtag (X-Ray)	11	16/65	Adipose	4.10.93 to 13.10.93	Gimock	Precocious males
	1-3	Parr	W	Gimock	Microtag (X-Ray)	60	16/40	Adipose	4.10.93 to 13.10.93	Gimock	Tributary of River Dee
	1-3SW	Kelt	W	Gimock	Yellow Floy	41	18550-18590	Partial Adipose Fin Clip	1.10.93 to 9.11.93	Gimock	Tributary of River Dee Aberdeenshire
	1-2SW	Adult	W	Sheeoch Burn	Yellow Floy	16	18075-18091	Adipose	5.12.93	Sheeoch Burn	Fish released after Stripping
	1 +	Parr	W	River Dee	Alcian Blue Spot	70			29.7.93 to 2.8.93	River Dee	

The Scottish Office Agriculture and Fisheries Department (SOAFD)

1. (0+, 1+, 2+, etc. 1SW, 2SW, 3SW, MSW, etc.).
2. Parr, smolt, post-smolt, adult, kelt.
3. Micro X-ray, carlin, finclips or other with identifying features (colours). If a finclip is the only mark applied, it should be recorded in this column.
4. For micro-tags the format should be: Agency/Data#1/Data#2.

Marking Season: 1993

ICES ATLANTIC SALMON MARKING DATABASE

Country: UK (Scotland)

MARKING AGENCY	1 AGE AT MARKING	2 LIFE STAGE AT MARKING	HATCHER OR WILD	STOCK ORIGIN	3 TYPE OF TAG OR MARK	NUMBER MARKED	4 TAG CODES OR SERIAL NUMBERS	AUXILLIARY FINCLIPS OR MARKS	RELEASE DATE	PLACE OF RELEASE	COMMENTS
SOAFD	1-3SW	Adult	W	North Esk	Yellow Floy	28	17527-17573		24.2.93 to 15.6.93	North Esk	Radio Tagged
	1-4	Smolt	W	North Esk	Mod. Carlin New Green	2964	C11696-C14665	Adipose fin every fish carrying an odd numbered tag.	1.4.93 to 18.5.93	North Esk	
	1-4	Smolt	W	North Esk	Microtag (X-Ray)	838	2/5	Adipose	30.4.93 to 12.5.93	North Esk	
	1-4	Parr	W	Water of Mark	Microtag (X-Ray)	103	2/146	Adipose	5.7.93	Water of Mark	Tributary of North Esk
	1-4	Parr	W	Water of Mark	Microtag (X-Ray)	1919	2/170	Adipose	5.7.93 to 12.8.93	Water of Mark	Tributary of North Esk
	2	Smolt	H	River Tay	Microtag (Standard)	2120	16/72/36	Adipose	Spring 1993	River Braan	Tributary of River Tay
	1-4	Smolt	W	River Tay	Fingerling Tags (Green)	651	U186-U845		Spring 1993	River Braan	Tributary of River Tay

The Scottish Office Agriculture and Fisheries Department (SOAFD)

1. (0+, 1+, 2+...., etc. 1SW, 2SW, 3SW, MSW, etc.).
2. Parr, smolt, post-smolt, adult, kelt.
3. Micro X-ray, carlin, finclips or other with identifying features (colours). If a finclip is the only mark applied, it should be recorded in this column.
4. For micro-tags the format should be: Agency/Data#1/Data#2.

Marking Season: 1993

ICES ATLANTIC SALMON MARKING DATABASE

Country: UK (Scotland)

MARKING AGENCY	1 AGE AT MARKING	2 LIFE STAGE AT MARKING	HATCHER OR WILD	STOCK ORIGIN	3 TYPE OF TAG OR MARK	NUMBER MARKED	4 TAG CODES OR SERIAL NUMBERS	AUXILLIARY FINCLIPS OR MARKS	RELEASE DATE	PLACE OF RELEASE	COMMENTS
SOAFD	1-4	Parr	W	River Tay	Microtag (Standard)	547	19/62/6	Adipose	Spring 1993	Cochill Burn	Tributary of River Tay
	1-4	Parr	W	River Tay	Microtag (Standard)	537	19/62/9	Adipose	Spring 1993	Cochill Burn	Tributary of River Tay
	1+	Parr	W	River Tay	Alcian Blue Spot	86			24.9.93 to 30.9.93	Banvie Burn	Tributary of River Tay
	1+	Parr	W	River Tay	Alcian Blue Spot	473			5.7.93 to 13.7.93	Bhac Burn	Tributary of River Tay
	1+	Parr	W	Commercial	Microtag (half length)	10,000	1/1/15/1/1/	Adipose	Spring 1993	River Bervas	Isle to Lewis

The Scottish Office Agriculture and Fisheries Department (SOAFD)

1. (0+, 1+, 2+..., etc. 1SW, 2SW, 3SW, MSW, etc.).
2. Parr, smolt, post-smolt, adult, kelt.
3. Micro X-ray, carlin, finclips or other with identifying features (colours). If a finclip is the only mark applied, it should be recorded in this column.
4. For micro-tags the format should be: Agency/Data#1/Data#2.

ATLANTIC SALMON MARKING DATABASE

Marking Season: 1993

Country: USA

MARKING AGENCY	AGE	LIFE STAGE	H/W	STOCK ORIGIN	TAG TYPE	NUMBER MARKED	CODE OR SERIAL	AUX CLIP	REL DATE	PLACE OF RELEASE	COMMENT
USFWS	1	smolt	H	Connecticut	CWT	22000	7/18/63	AD	3/93	Connecticut R.	
USFWS	1	smolt	H	Connecticut	CWT	22000	7/19/01	AD	3/93	Connecticut R.	
USFWS	1	smolt	H	Connecticut	CWT	22200	7/19/26	AD	3/93	Connecticut R.	
USFWS	1	smolt	H	Connecticut	CWT	22400	7/19/27	AD	4/93	Connecticut R.	
USFWS	1	smolt	H	Connecticut	CWT	22200	7/19/28	AD	4/93	Connecticut R.	
USFWS	1	smolt	H	Connecticut	CWT	21900	7/19/29	AD	4/93	Connecticut R.	
USFWS	1	smolt	H	Connecticut	CWT	21900	7/19/30	AD	3/93	Connecticut R.	
USFWS	1	smolt	H	Connecticut	CWT	22000	7/19/31	AD	3/93	Connecticut R.	
USFWS	1	smolt	H	Connecticut	CWT	21800	7/19/32	AD	3/93	Connecticut R.	
USFWS	1	smolt	H	Connecticut	CWT	21900	7/19/33	AD	4/93	Connecticut R.	
USFWS	1	smolt	H	Connecticut	CWT	22700	7/19/34	AD	4/93	Connecticut R.	
USFWS	1	smolt	H	Connecticut	CWT	11000	7/19/36	AD	3/93	Connecticut R.	
USFWS	1	smolt	H	Connecticut	CWT	9500	7/19/37	AD	3/93	Connecticut R.	
USFWS	1	smolt	H	Connecticut	CWT	19800	7/19/41	AD	4/93	Connecticut R.	
USFWS	1	smolt	H	Connecticut	CWT	12400	7/19/43	AD	4/93	Connecticut R.	
USFWS	1	smolt	H	Connecticut	CWT	16900	7/19/44	AD	4/93	Connecticut R.	
USFWS	1	smolt	H	Connecticut	CWT	21600	7/19/53	AD	4/93	Connecticut R.	
USFWS	1	smolt	H	Connecticut	CWT	23200	7/19/54	AD	4/93	Connecticut R.	

SUBTOTAL (SMOLT)

357400

USFWS	1	parr	H	Connecticut	CWT	100	7/18/63	AD	3/93	Connecticut R.	
USFWS	1	parr	H	Connecticut	CWT	200	7/19/26	AD	3/93	Connecticut R.	
USFWS	1	parr	H	Connecticut	CWT	100	7/18/63	AD	3/93	Connecticut R.	
USFWS	1	parr	H	Connecticut	CWT	400	7/18/43	AD	4/93	Connecticut R.	
USFWS	1	parr	H	Connecticut	CWT	100	7/19/29	AD	4/93	Connecticut R.	
USFWS	1	parr	H	Connecticut	CWT	2200	7/19/41	AD	4/93	Connecticut R.	

SUBTOTAL (PARR)

3100

TOTAL - CWT, CONNECTICUT RIVER

360500

99.0% (356,900) of smolts and parr retained CWT

ATLANTIC SALMON MARKING DATABASE

Marking Season: 1993

Country: USA

MARKING AGENCY	AGE	LIFE STAGE	H/W	STOCK ORIGIN	TAG TYPE	NUMBER MARKED	CODE OR SERIAL	AUX CLIP	REL DATE	PLACE OF RELEASE	COMMENT
USFWS	1	smolt	H	Penobscot	CWT	20666	7/18/30	AD	4/93	Penobscot R.	
USFWS	1	smolt	H	Penobscot	CWT	27502	7/18/42	AD	4-5/93	Penobscot R.	
USFWS	1	smolt	H	Penobscot	CWT	16978	7/18/43	AD	5/93	Penobscot R.	
USFWS	1	smolt	H	Penobscot	CWT	26217	7/18/44	AD	5/93	Penobscot R.	
USFWS	1	smolt	H	Penobscot	CWT	8901	7/18/62	AD	5/93	Penobscot R.	
USFWS	1	smolt	H	Penobscot	CWT	22378	7/19/49	AD	5/93	Penobscot R.	
USFWS	1	smolt	H	Penobscot	CWT	26471	7/19/50	AD	5/93	Penobscot R.	
USFWS	1	smolt	H	Penobscot	CWT	24738	7/19/51	AD	4/93	Penobscot R.	
USFWS	1	smolt	H	Penobscot	CWT	25993	7/19/52	AD	4/93	Penobscot R.	

TOTAL - CWT, PENOBSCOT RIVER

199844

98.3% (196,444) of smolts retained CWT

ASRSC	0	parr	W	Narraguagus	CWT		Sequential	AD		Narraguagus R.	No Breakdown by river age
ASRSC	1	parr	W	Narraguagus	CWT		498 - 5034	AD		Narraguagus R.	

TOTAL - CWT, NARRAGUAGUS RIVER

1840

GNP	1	smolt	H	Penobscot	CARLIN	186	900000 - 900200		5/93	Penobscot R.	Green. GNP= Great Northern Paper.
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TOTAL - CARLIN TAGS, PENOBSCOT RIVER

186

GNP	4+	kelt	W	Penobscot	FLOY	69	9286-9399		5/93	Penobscot R.	Orange
GNP	4+	kelt	W	Penobscot	FLOY	13	9401-9435		9/93	Penobscot R.	Orange

TOTAL - FLOY TAGS, PENOBSCOT RIVER

82

USFWS	1	smolt	H	Penobscot		20032		AD	4/93	St. Croix R.	Not Coded-Wire-Tagged
USFWS	1	smolt	H	Penobscot		10039		LV	5/93	St. Croix R.	Not Coded-Wire-Tagged
USFWS	1	smolt	H	Penobscot		10034		RV	5/93	St. Croix R.	Not Coded-Wire-Tagged
USFWS	1	smolt	H	Penobscot		20053		LV	4/93	Saco R.	Not Coded-Wire-Tagged

TOTAL - FIN CLIPS, PENOBSCOT RIVER

60158

ATLANTIC SALMON MARKING DATABASE

Marking Season: 1993

Country: USA

MARKING AGENCY	AGE	LIFE STAGE	H/W	STOCK ORIGIN	TAG TYPE	NUMBER MARKED	CODE OR SERIAL	AUX CLIP	REL DATE	PLACE OF RELEASE	COMMENT
USFWS	1	smolt	H	Merrimack	CWT	10854	7/19/45	AD	4/93	Merrimack R.	
USFWS	1	smolt	H	Merrimack	CWT	18299	7/19/45 7/19/46	AD	4/93	Merrimack R.	
USFWS	1	smolt	H	Merrimack	CWT	8345	7/19/45 7/19/46 7/19/47	AD	4/93	Merrimack R.	
USFWS	1	smolt	H	Merrimack	CWT	8208	7/19/14 7/19/45 7/19/46	AD	4/93	Merrimack R.	
USFWS	1	smolt	H	Merrimack	CWT	2119	7/19/38	AD	4/93	Merrimack R.	
USFWS	1	smolt	H	Merrimack	CWT	5995	7/19/38	AD	5/93	Merrimack R.	
USFWS	1	smolt	H	Merrimack	CWT	5166	7/19/38	AD	5/93	Merrimack R.	

TOTAL - CWT, MERRIMACK RIVER

58986

92.6% (54,621) of smolts retained CWT