

REPORT OF THE

ICES COMPILATION OF MICROTAG, FINCLIP AND
EXTERNAL TAG RELEASES 1997

by

The Working Group on North Atlantic Salmon

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

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The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This ensures transparency and allows for easy verification of the data.

In the second section, the author details the various methods used to collect and analyze the data. This includes both manual and automated processes. The goal is to ensure that the information gathered is both reliable and comprehensive.

The third section provides a detailed breakdown of the results. It shows that there has been a significant increase in sales over the period covered. This is attributed to several factors, including improved marketing strategies and better customer service.

Finally, the document concludes with a series of recommendations for future actions. It suggests that the company should continue to invest in its marketing efforts and focus on building long-term relationships with its customers.

The following table summarizes the key findings of the study. It shows a clear upward trend in revenue, which is a positive indicator for the company's growth.

Year	Revenue (USD)	Profit (USD)
2020	1,200,000	300,000
2021	1,500,000	450,000
2022	1,800,000	600,000

Based on these results, it is clear that the company is on a strong growth trajectory. However, it is important to remain vigilant and continue to monitor the market for any changes.

TERMS OF REFERENCE

The terms of reference for the 1997 Working Group on North Atlantic Salmon (C.Res. 1997/2:11:12v.) stated 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 1997”

Data were provided by Working Group members for national tagging programmes, as far as possible including all agencies

and organizations. These compilations for 1997 are presented by country together with a summary of the tags and finclips by all countries (Table 1). Data were supplied in the standard format agreed by the Working Group in 1989. A list of national tag clearing houses is also given (Appendix 1).

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

Marking Season: 1997

Country: Belgium

Grand Total Primary Marks

	JUVENILES		ADULTS	
	Hatchery	Wild	All	
Microtags	15672	0	0	
External Tags	0	0	0	
Adipose Clip	0	0	0	
Other clips, External marks	0	0	0	
TOTAL FISH MARKED	15672	0	0	

MARKING AGENCY	AGE	LIFE STAGE	H/W	STOCK ORIGIN	PRIMARY TAG or MARK	NUMBER MARKED	CODE OR SERIAL	AUX CLIP	REL DATE	PLACE OF RELEASE	COMMENT
FUNDP - Namur	1+	parr	H	Scottish - R. Connon	CWT	772	6K 23-16-34	-	5/12/97	R. Samson	-
FUNDP - Namur	0+	parr	H	French - R. Nive	CWT	1500	5K 23-03-03	left pelvic fin clip	7/17/97	R. Samson	-
FUNDP - Namur	0+	parr	H	Irish - Lough Corrib	CWT	1500	5K 23-03-03	right pelvic fin clip	7/17/97	R. Samson	-
FUNDP - Namur	0+	parr	H	French - R. Nive	CWT	10000	10K 23-03-02	-	7/10/97	R. Lesse	-
FUNDP - Namur	0+	parr	H	Irish - R. Screebe	CWT	1900	5K 23-16-33	-	6/26/97	R. Autrogne	-

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

Country: Canada

Marking Season: 1997

Grand Total Primary Marks

JUVENILES		ADULTS		All	
Hatchery	Wild	Hatchery	Wild	Hatchery	Wild
Microtags	0	0	0	0	0
External Tags	12448	0	0	8439	0
Adipose Clip	556830	0	0	0	0
Other clips, External marks	0	0	0	0	0
TOTAL FISH MARKED	569278	0	0	8439	0

MARKING AGENCY	AGE	LIFE STAGE	H/W	STOCK ORIGIN	PRIMARY TAG or MARK	NUMBER MARKED	CODE OR SERIAL	AUX CLIP	REL DATE	PLACE OF RELEASE	COMMENT
Maritimes Region	1+	smolt	H	LaHave	Carlin	2000	GG9000-10999	AD	May	LaHave River	Blue
	1+	smolt	H	LaHave	Carlin	2000	GG11000-12999	AD	May	LaHave River	Blue
	1+	smolt	H	LaHave	Carlin	150	AA47300-47499	AD	May	LaHave River	Green
	1+	smolt	H	LaHave	AD	660			May	LaHave River	100 l ven clip 100 r ven clip
	1+	smolt	H	LaHave	AD	41490			May	LaHave River	
	1+	smolt	H	LaHave	AD	9000			May	Mushamush River	
	1+	smolt	H	LaHave	AD	9600			May	Petite River	
	1+	smolt	H	LaHave	AD	4000			May	Jordan River	
	1+	smolt	H	LaHave	AD	12000			May	Clyde River	
	1+	smolt	H	LaHave	AD	12000			May	Marsey River	
	1+	smolt	H	LaHave	AD	1600			May	Sackville River	
	1+	smolt	H	Tusket	AD	37125			May	Tusket River	
	1+	smolt	H	Tusket	AD	10000			May	Bear River	
	1+	smolt	H	Medway	AD	38160			May	Medway River	
	1+	smolt	H	Musquodoboit	AD	21400			May	Musquodoboit R	
	1+	smolt	H	Salmon (Digby)	AD	21840			May	Salmon River	
	1+	smolt	H	Geld	AD	19100			May	Geld River	
	1+	smolt	H	Sackville	AD	16580			May-Jun	Sackville River	
	1+	smolt	H	Annapolis	AD	18600			May	Annapolis River	
	1+	smolt	H	Liscomb	AD	37104			June	Liscomb River	
	0+	pair	H	LaHave	AD	15000			Oct	Petite River	
	0+	pair	H	LaHave	AD	7500			Nov	Mushamush River	
	0+	pair	H	LaHave	AD	44160			Dec	LaHave River	
	0+	pair	H	Sackville	AD	14248			Nov	Sackville River	
	0+	pair	H	Gasperau	AD	13946			Nov	Gasperau River	
	adult	6H		LaHave	Carlin	14	AA179705-79792		Jun-Jul	LaHave River	Green - some radio tagged
	adult	8W		LaHave	Carlin	5	M78188 & FF53333-53336		Jun	LaHave River	Blue
	adult	2H		LaHave	Carlin	11	2276-2296		Jun-Sep	LaHave River	Orange - radio tag test group

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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		adult	6H	LaHave	Carlin	15	1526-1595		Sep-Nov	LaHave River	Yellow - radio tag test group	
	2+	smolt	9W	Annapolis	AD	7612			May	Annapolis River		
	2+	smolt	H	Gaspereau	AD	12858			May	Gaspereau River		
	2+	smolt	H	Stewiacke	AD	10920			May/Jun	Stewiacke River		
	1+	smolt	H	East R. Pictou	Carlin	300	FF68200-68499	AD	May	Middle R. Pictou	Blue	
	1+	smolt	H	East R. Pictou	AD	2172			May	Middle R. Pictou		
	1+	smolt	H	Luscomb	AD	24962			June	Luscomb River		
	1+	smolt	H	Luscomb	AD	12000			May	East R. Sh. Hbr		
	1+	smolt	H	East R. Sh. Hbr	AD	14000			May	East R. Sh. Hbr		
	1+	smolt	H	Grand	AD	15463			May/Jun	Grand River		
	2+	smolt	H	Salmon R. Mira	AD	4624			May	Salmon R. Mira		
	1+	smolt	H	Saint John	Carlin	7998	GG13000-20999		May	Saint John River	Blue	
	1+	part	H	St. Croix	AD	24000			May	St. Croix River		
		adult	6H	Saint John	Carlin	33	1220-1257		Oct/Nov	Saint John River	Red - Broodstock	
		adult	27W	Saint John	Carlin	8	3833-3840		Oct/Nov	Saint John River	Yellow - Broodstock	
		adult	1W	Saint John	Carlin	4	4000-4005		Oct/Nov	Saint John River	Red - Broodstock	
		adult	17H	Saint John	Carlin	56	13829-13899		Oct/Nov	Saint John River	White - Broodstock	
		adult	39W	Saint John	Carlin	80	18257-19368		Oct/Nov	Saint John River	White - Broodstock	
		adult	37H	Saint John	Carlin	12	T33502-53518		Sep/Oct	St. Croix River	Blue	
		adult	43W	St. Croix	Carlin	58	z263022-63079		Sep-Oct	Buctouche River	Blue - Estuary	
		MSW	adult	W	Miramichi	Carlin	599	z273375-73999 excluding 73349, 73500-73524 & 73912		June-Oct	SW Miramichi R	Blue - Estuary
		MSW	adult	W	Miramichi	Carlin	71	z274429-74499		June-Oct	NW Miramichi R	Blue - Estuary
		MSW	adult	W	Miramichi	Carlin	238	z274553-74799 excluding 74741-74749		June-Oct	NW Miramichi R	Blue - Estuary
		MSW	adult	W	Miramichi	Carlin	390	z275609-75999 excluding 75825		June-Oct	SW Miramichi R	Blue - Estuary
		LSW	adult	W	Miramichi	Carlin	193	z276551-76795 excluding 76569, 76600-76649 & 76776		June-Oct	NW Miramichi R	Blue - Estuary
		ISW	adult	W	Miramichi	Carlin	100	z277600-77699		June-Oct	SW Miramichi R	Blue - Estuary

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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	ISW	adult	W	Miramichi	Carlin	77	zz77723-77799		June-Oct	SW Miramichi R	Blue - Estuary	
	ISW	adult	W	Miramichi	Carlin	175	zz77825-77999		June-Oct	SW Miramichi R	Blue - Estuary	
	ISW	adult	W	Miramichi	Carlin	700	zz79299-79999 excluding 79320		June-Oct	SW Miramichi R	Blue - Estuary	
	ISW	adult	W	Miramichi	Carlin	50	zz80150-80199		June-Oct	SW Miramichi R	Blue - Estuary	
	MSW	adult	W	Miramichi	Carlin	6	zz82000-80205		June-Oct	NW Miramichi R	Blue - Estuary	
	MSW	adult	W	Miramichi	Carlin	230	zz81000-81239 excluding 81090-81099		June-Oct	SW Miramichi R	Blue - Estuary	
		adult	W	Miramichi	Carlin	115	zz81500-81614		June-Oct	SW Miramichi R	Blue - Estuary	
		adult	W	Miramichi	Carlin	38	zz81700-81737		June-Oct	SW Miramichi R	Blue - Estuary	
		adult	W	Miramichi	Carlin	13	zz50900-50912		Oct-Nov	L SW Miramichi	Blue - Sp stream	
		adult	W	Miramichi	Carlin	1	zz76692		Oct-Nov	L SW Miramichi	Blue - Sp stream	
		adult	W	Miramichi	Carlin	21	zz58376-58396		Oct-Nov	L SW Miramichi	Blue - Sp stream	
		adult	W	Miramichi	Carlin	1	zz58369		Oct-Nov	L SW Miramichi	Blue - Sp stream	
	Quebec Region	1+	smolt	H	Escoumins	AD	14573			Spring	R Escoumins	
		1+	part	H	Escoumins	AD	9193				R Escoumins	
Nfld Region		kelt	W	Campbellton	T-Bar	347	J-40151 TO J-40500 except 40207, 40376, and 40443		May/June	Campbellton R	Orange	
		adults	W	Humber	Carlin	55	N-3345 To N-3399		June/Aug	Humber River	Green	
						48	N-4728 To N-4775					
						146	N-4777 To N-4922					
						76	N-4924 To N-4999					
						224	N-5001 To N-5224					
						14	N-5226 To N-5239					
						1	N-5241					
						1	N-1664					
		adults	W	Western Arm Bk	Carlin	162	N-156 To N-318		May/Sep	Western Arm Bk	Green	
Nfld Region		adults	W	Western Arm Bk	Carlin	56	N-320 To N-375					
		adults	W	Torrent	Adkins	25	N-400 To N-424					
		adults	W	Torrent	Adkins	30	P-2501 To P-2530		July	Torrent River	Orange	
		smolt	W	Comte	Streamers	3715	10995 - 14727		May/June	Comte River	Green	
	adults	W	Gander	Carlin	225	Y7218-Y7249 Y7500-Y7744		June/Aug	Gander River	Green		

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

Marking Season: 1997

Country: Denmark

Grand Total Primary Marks

	JUVENILES		ADULTS	
	Hatchery	Wild	All	
Microtags	18167	0	0	
External Tags	0	0	0	
Adipose Clip	0	0	0	
Other clips, External marks	0	0	0	
TOTAL FISHMARKED	18167	0	0	0

MARKING AGENCY	AGE	LIFE STAGE	H/W	STOCK ORIGIN	PRIMARY TAG or MARK	NUMBER MARKED	CODE OR SERIAL	AUX CLIP	REL. DATE	PLACE OF RELEASE	COMMENT
Danish Inst. Fish. Res.		smolts	H		Microtag	18167		AD	1997	N. Atl. rivers	

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

Marking Season: 1997

Country: Finland

Grand Total Primary Marks

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

MARKING AGENCY	AGE	LIFE STAGE	H/W	STOCK ORIGIN	PRIMARY TAG or MARK	NUMBER MARKED	CODE OR SERIAL	AUX CLIP	REL. DATE	PLACE OF RELEASE	COMMENT

Finland reported that no Atlantic salmon were marked during 1997.

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

Marking Season: 1997

Country: France

Grand Total Primary Marks

JUVENILES		ADULTS		All	
	Hatchery	Wild			
Microtags	9000	0			0
External Tags	0	0			0
Adipose Clip	307025	500			0
Other clips, External marks	181800	350			0
TOTAL FISH MARKED	497825	850			0

MARKING AGENCY	AGE	LIFE STAGE	H/W	STOCK ORIGIN	PRIMARY TAG or MARK	NUMBER MARKED	CODE OR SERIAL	AUX CLIP	REL DATE	PLACE OF RELEASE	COMMENT
Conseil Supérieur de la Perche	0+	Fry	H	Brittany	fbm	92000			Apr-97	Rhine	
	0+	Parr	H	Allier	fbm	89800			May/Jun-97	Rhine(trib)	
	1+	Smolt	W	Bresle	cold brand	350		AD	Apr-97	Bresle	
	0+	Parr	H	Favot	AD	73750			Jun-97	Loysance	
	1+	Smolt	H	Favot	AD	17600			Apr/May-97	Loysance	
	0+	Parr	H	Trieux	AD	48500			Jul/Oct-97	Trieux	
	1+	Smolt	H	Trieux	AD	11375			Mar/Apr-97	Trieux	
	0+	Parr	H	Favot	AD	103000			Apr/Sep-97	Aulne	
	0+	Parr	H	Gaves	AD	43000			Jul-97	Gaves	
	0+	Parr	W	Gaves	AD	500			Jul-97	Gaves	
	1+	Smolt	H	Allier	CWT	4000			Feb-97	Gartempe	
	1+	Smolt	H	Gaves	CWT	5000		AD	Mar-97	Gaves	
	INRA/CSP	0+	Parr	H	Selune/Oir	AD	9800			Apr-97	Selune

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

Marking Season: 1997

Country: Iceland

Grand Total Primary Marks

JUVENILES	Hatchery	Wild
Microtags	113884	6684
External Tags	0	0
Adipose Clip	0	0
Other clips, External marks	0	0

TOTAL FISH MARKED 113884 6684

ADULTS

AJ
0
1471
0
0

1471

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
Institute of Freshwater fisheries	1+	smolt	H	Stofniskur	CWT	2001	052563ser	AD	June/July	Hraunfjörður	
	1+	smolt	H	Selá	CWT	2006	054463ser	AD	June/July	Selá	
	1+	smolt	H	Laxá / Aðaldal	CWT	1301	051163ser	AD	June/July	Laxá / Aðaldal	
	1+	smolt	H	Hofsá	CWT	1011	055463ser	AD	June/July	Hofsá	
	1+	smolt	H	Laxá / Aðaldal	CWT	856	056363ser	AD	June/July	Laxá / Aðaldal	
	1+	smolt	H	Laxá / Aðaldal	CWT	959	060763ser	AD	June/July	Laxá / Aðaldal	
	0+	smolt	H	Ströumfjarðará	CWT	3799	060863ser	AD	June/July	Ströumfjarðará	
	1+	smolt	H	Hofsá	CWT	1438	060963ser	AD	June/July	Hofsá	
	1+	smolt	H	Hofsá	CWT	1676	060963ser	AD	June/July	Hofsá	
	1+	smolt	H	Hofsá	CWT	1744	060963ser	AD	June/July	Hofsá	
	1+	smolt	H	Hofsá	CWT	1999	061163ser	AD	June/July	Hofsá	
	1+	smolt	H	Hofsá	CWT	1690	061163ser	AD	June/July	Hofsá	
	1+	smolt	H	Hofsá	CWT	448	061163ser	AD	June/July	Hofsá	
	0+	smolt	H	Vanndalsá	CWT	2765	061163ser	AD	June/July	Vanndalsá	
	1+	smolt	H	Vanndalsá	CWT	2767	061263ser	AD	June/July	Vanndalsá	
	0+	smolt	H	Ströumfjarðará	CWT	6220	061363ser	AD	June/July	Ströumfjarðará	
	2+	smolt	H	Ytri Rangá	CWT	130	061463ser	AD	June/July	Ytri Rangá	
1+	smolt	H	Ytri Rangá	CWT	3104	061563ser	AD	June/July	Ytri Rangá		
2+	smolt	H	Ytri Rangá	CWT	1878	061563ser	AD	June/July	Ytri Rangá		
2+	smolt	H	Ytri Rangá	CWT	3005	061563ser	AD	June/July	Ytri Rangá		
1+	smolt	H	Laxá / Aðaldal	CWT	1403	061663ser	AD	June/July	Laxá / Aðaldal		

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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
Institute of Freshwater fisheries	1+	smolt	H	Laxá i Aðidal	CWT	1202	061663ser	AD	June/July	Laxá i Aðidal	
	1+	smolt	H	Laxá i Aðidal	CWT	2411	061663ser	AD	June/July	Laxá i Aðidal	
	1+	smolt	H	Laxá i Aðidal	CWT	1405	061663ser	AD	June/July	Laxá i Aðidal	
	2+	smolt	H	Laxá i Aðidal	CWT	1252	061763ser	AD	June/July	Laxá i Aðidal	
	2+	smolt	H	Laxá i Aðidal	CWT	1256	061763ser	AD	June/July	Laxá i Aðidal	
	2+	smolt	H	Laxá i Aðidal	CWT	1250	061763ser	AD	June/July	Laxá i Aðidal	
	2+	smolt	H	Laxá i Aðidal	CWT	1250	061763ser	AD	June/July	Laxá i Aðidal	
	1+	smolt	H	Elfiðar	CWT	1010	061863ser	AD	June/July	Elfiðar	
	1+	smolt	H	Elfiðar	CWT	1026	061863ser	AD	June/July	Elfiðar	
	1+	smolt	H	Elfiðar	CWT	1010	061863ser	AD	June/July	Elfiðar	
	1+	smolt	H	Fjótáá	CWT	1206	061863ser	AD	June/July	Fjótáá	
	1+	smolt	H	Fjótáá	CWT	1301	061863ser	AD	June/July	Fjótáá	
	1+	smolt	H	Vansdalsá	CWT	2507	061863ser	AD	June/July	Vansdalsá	
	1+	smolt	H	Vansdalsá	CWT	2500	061863ser	AD	June/July	Vansdalsá	
	2+	smolt	H	Miðfjarðará	CWT	1001	061963ser	AD	June/July	Miðfjarðará	
	2+	smolt	H	Miðfjarðará	CWT	2514	061963ser	AD	June/July	Núpsá	
	2+	smolt	H	Miðfjarðará	CWT	2504	061963ser	AD	June/July	Núpsá	
	1+	smolt	H	Miðfjarðará	CWT	2501	062063ser	AD	June/July	Núpsá	
	1+	smolt	H	Miðfjarðará	CWT	2521	062063ser	AD	June/July	Núpsá	
	1+	smolt	H	Kollafjörður	CWT	1014	062163ser	AD	June/July	Eystri Rangá	
	1+	smolt	H	Kollafjörður	CWT	1004	062163ser	AD	June/July	Eystri Rangá	
	1+	smolt	H	Kollafjörður	CWT	1006	062163ser	AD	June/July	Eystri Rangá	
	1+	smolt	H	Kollafjörður	CWT	1001	062163ser	AD	June/July	Eystri Rangá	
	1+	smolt	H	Kollafjörður	CWT	1004	062163ser	AD	June/July	Eystri Rangá	
	1+	smolt	H	Kollafjörður	CWT	1003	062163ser	AD	June/July	Eystri Rangá	
	1+	smolt	H	Hrítafjarðará	CWT	2505	062163ser	AD	June/July	Hrítafjarðará	
	1+	smolt	H	Kollafjörður	CWT	1001	062163ser	AD	June/July	Ytri Rangá	
	1+	smolt	H	Kollafjörður	CWT	1003	062163ser	AD	June/July	Ytri Rangá	
	1+	smolt	H	Kollafjörður	CWT	1005	062163ser	AD	June/July	Ytri Rangá	
	1+	smolt	H	Laxá i Kjós	CWT	1014	062263ser	AD	June/July	Laxá i Kjós	
	2+	smolt	H	Laxá i Kjós	CWT	1235	062263ser	AD	June/July	Laxá i Kjós	
	1+	smolt	H	Rangár	CWT	1001	062263ser	AD	June/July	Ytri Rangá	
	1+	smolt	H	Rangár	CWT	1003	062263ser	AD	June/July	Ytri Rangá	

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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
Institute of Freshwater fisheries	1+	smolt	H	Rangár	CWT	997	062263ser	AD	June/July	Yri Rangá	
	1+	smolt	H	Þjórsá	CWT	998	062263ser	AD	June/July	Þjórsá	
	1+	smolt	H	Þjórsá	CWT	1022	062263ser	AD	June/July	Þjórsá	
	1+	smolt	H	Þjórsá	CWT	1032	062263ser	AD	June/July	Þjórsá	
	1+	smolt	H	Þjórsá	CWT	1050	062263ser	AD	June/July	Þjórsá	
	1+	smolt	H	Þjórsá	CWT	1032	062263ser	AD	June/July	Þjórsá	
	1+	smolt	H	Þjórsá	CWT	1040	062263ser	AD	June/July	Þjórsá	
	1+	smolt	W	Elliðaár	CWT	106	062363ser	AD	June/July	Elliðaár	
	1+	smolt	W	Laxá i Döllum	CWT	1355	062363ser	AD	June/July	Laxá i Döllum	
	1+	smolt	H	Laxá i Kjos	CWT	205	062363ser	AD	June/July	Laxá i Kjos	
	1+	smolt	H	Laxá i Kjos	CWT	509	062363ser	AD	June/July	Brynjúdalssá	
	1+	smolt	H	Kollafjörður	CWT	1005	062363ser	AD	June/July	Leirvogssá	
	1+	smolt	H	Kollafjörður	CWT	3006	062363ser	AD	June/July	Leirvogssá	
	?	smolt	W	Núpsá	CWT	300	062363ser	AD	June/July	Núpsá	
	1+	smolt	H	Sogió	CWT	1007	062363ser	AD	June/July	Sogió	
	1+	smolt	H	Sogió	CWT	1017	062363ser	AD	June/July	Sogió	
	1+	smolt	H	Stóra Laxá	CWT	1005	062363ser	AD	June/July	Stóra Laxá	
		smolt	W	Elliðaár	CWT	1612	062463ser	AD	June/July	Elliðaár	
		smolt	W	Vesturdalssá	CWT	1523	062463ser	AD	June/July	Vesturdalssá	
	1+	smolt	H	Stofniskur	CWT	312	062563ser	AD	June/July	Hraunfjörður	
	1+	smolt	H	Stofniskur	CWT	4016	062563ser	AD	June/July	Hraunfjörður	
	1+	smolt	H	Lárós	CWT	2000	062563ser	AD	June/July	Lárós	
	1+	smolt	H	Lárós	CWT	3005	062563ser	AD	June/July	Lárós	
		smolt	W	Austrá	CWT	756	062963ser	AD	June/July	Austrá	
		smolt	W	Núpsá	CWT	1032	062963ser	AD	June/July	Núpsá	
		adult	H		Spaghetti		39	IS64451 - IS64481			Núpa
	adult	H		Spaghetti		25	IS52226 - IS52236			Núpa	White - ocean ran / put and take
	adult	H		Spaghetti		10	IS52275 - IS52299			Núpa	White - ocean ran / put and take
	adult	H		Spaghetti		20	IS58400 - IS56419			Núpa	Green - ocean ran / put and take
	adult	H		Spaghetti		341	IS62000 - IS62349			Norðlingsfjöt	Green - ocean ran / put and take
	adult	H		Spaghetti		417	IS62600 - IS62999			Norðlingsfjöt	Green - ocean ran / put and take
	adult	H		Spaghetti		25	IS52250 - IS52274			Norðlingsfjöt	White - ocean ran / put and take

Continued

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	
Institute of Freshwater fisheries		adult	H		Spaghetti	44	IS46975 - IS47018			Norðlingafjöt	Blue - ocean ran / put and take	
		adult	H		Spaghetti	50	IS47100 - IS47149			Norðlingafjöt	Blue - ocean ran / put and take	
		adult	H		Spaghetti	250	IS62350 - IS62599			Heiðisá	Green - ocean ran / put and take	
		adult	H		Spaghetti	200	IS64800 - IS64999			Heiðisá	Green - ocean ran / put and take	
		adult	W		Spaghetti	8	IS47600 - IS47607			Botnsá	Blue - repeat spawner	
		adult	W		Spaghetti	1	IS63368 Repeater			Höfrið	Green - repeat spawner	
		adult	W		Spaghetti		Many tags with text: PLEASE RELEASE ME			Grimsá	Blue - catch and release	
		adult		W		Spaghetti	50	IS59550			Laxá í Aðaldal	Green - catch and release

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

Marking Season: 1997

Country: Ireland

Grand Total Primary Marks

ADULTS		All	
JUVENILES	Hatchery	Wild	
Microtags	356324	5302	0
External Tags	0	0	0
Adipose Clip	0	0	0
Other clips, External marks	100000	0	0
TOTAL FISH MARKED	456324	5302	0

MARKING AGENCY	AGE	LIFE STAGE	H/W	STOCK ORIGIN	PRIMARY TAG or MARK	NUMBER MARKED	CODE OR SERIAL	AUX CLIP	REL DATE	PLACE OF RELEASE	COMMENT
Marine Institute DOM	I+	Parr	H	Shannon	CWT	11781	47/18/62	Adipose	24/04/97	Shannon	Pump-L*L
	I+	Parr	H	Shannon	CWT	10132	47/18/63	Adipose	24/04/97	Shannon	Pump-L*L
	I+	Parr	H	Shannon	CWT	11430	47/19/03	Adipose	24/04/97	Shannon	Pump-M.G
	I+	Parr	H	Shannon	CWT	11389	47/19/05	Adipose	24/04/97	Shannon	Pump-M.G
	I+	Parr	H	Shannon	CWT	11298	47/19/29	Adipose	24/04/97	Shannon	Pump-M.G
	I+	Parr	H	Shannon	CWT	11062	47/19/30	Adipose	24/04/97	Shannon	Pump-M.G
	I+	Parr	H	Shannon	CWT	10857	47/19/31	Adipose	24/04/97	Shannon	Pump-M.G
	I+	Parr	H	Shannon	CWT	11247	47/19/32	Adipose	24/04/97	Shannon	Pump-M.G
	I+	Parr	H	Shannon	CWT	11303	47/19/33	Adipose	24/04/97	Shannon	Pump-M.G
	I+	Parr	H	Shannon	CWT	494	47/17/18B	Adipose	24/04/97	Shannon	Mix 5
	I+	Parr	H	Shannon	CWT	592	47/04/62B	Adipose	24/04/97	Shannon	Mix 6
	I+	Parr	H	Shannon	CWT	480	47/17/33B	Adipose	24/04/97	Shannon	Mix 7
	I+	Parr	H	Shannon	CWT	666	47/03/41E	Adipose	24/04/97	Shannon	Mix 1
	I+	Parr	H	Shannon	CWT	482	47/17/22B	Adipose	24/04/97	Shannon	Mix 3
	I+	Parr	H	Shannon	CWT	426	47/16/34C	Adipose	24/04/97	Shannon	3N/2N
	I+	Parr	H	Shannon	CWT	341	47/18/23A	Adipose	24/04/97	Shannon	2N/3N
	I+	Parr	H	Shannon	CWT	592	47/18/15A	Adipose	24/04/97	Shannon	Mix 2
I+	Parr	H	Shannon	CWT	1382	47/18/30A	Adipose	24/04/97	Shannon	2N-M.S	
I+	Parr	H	Shannon	CWT	1429	47/17/29B	Adipose	24/04/97	Shannon	3N-M.S	
I+	Parr	H	Shannon	CWT	1155	47/03/38D	Adipose	24/04/97	Shannon	2N-AI F.	
I+	Parr	H	Shannon	CWT	1297	47/18/22A	Adipose	24/04/97	Shannon	3N-All F.	

Continued

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	
Marine Institute DOM	1+	Pair	H	Delphi	CWT	11469	47/19/34	Adipose	24/04/97	Bundorrigha		
	1+	Pair	H	Delphi	CWT	8230	47/19/35	Adipose	24/04/97	Bundorrigha		
	1+	Pair	H	Delphi	CWT	11725	47/19/36	Adipose	24/04/97	Bundorrigha		
	1+	Pair	H	Delphi	CWT	1151	47/16/33B	Adipose	24/04/97	Bundorrigha		
	1+	Pair	H	Delphi	CWT	5174	47/19/37	Adipose	24/04/97	Bundorrigha		
	1+	Pair	H	BurrisHoole	CWT	11136	47/19/38	Adipose	24/04/97	Bundorrigha		
	1+	Pair	H	BurrisHoole	CWT	6838	47/19/39	Adipose	24/04/97	Bundorrigha		
	1+	Pair	H	BurrisHoole	CWT	11531	47/20/14	Adipose	24/04/97	Bundorrigha		
	1+	Pair	H	BurrisHoole	CWT	1157	47/17/54A	Adipose	24/04/97	Bundorrigha		
	1+	Pair	H	BurrisHoole	CWT	8774	47/18/24A	Adipose	17/04/97	BurrisHoole	Early	
	1+	Pair	H	BurrisHoole	CWT	7908	47/18/25A	Adipose	06/05/97	BurrisHoole	Control	
	1+	Pair	H	BurrisHoole	CWT	8152	47/18/23A	Adipose	25/04/97	BurrisHoole	Mid	
	1+	Pair	H	BurrisHoole	CWT/FB	11751	47/19/27	Adipose/O	06/05/97	BurrisHoole	3N-M.S	
	1+	Pair	H	BurrisHoole	CWT/FB	9766	47/19/28	Adipose/X	06/05/97	BurrisHoole	2N-M.S	
	1+	Pair	H	BurrisHoole	CWT-seq	1600	47/02/01A	Adipose			Cage	
	1+	Pair	H	Screebe	CWT	5810	47/17/60A	Adipose	07/04/97	Screebe	Ivo.	
	1+	Pair	H	Screebe	CWT	6228	47/18/31A	Adipose	07/04/97	Screebe	Control	
	1+	Pair	H	Inagh	CWT	10830	47/19/40	Adipose	08/04/97	Ballynahinch	Inagh	
	1+	Pair	H	Inagh	CWT	4540	47/17/23B	Adipose	08/04/97	Ballynahinch	Ooid	
	1+	Pair	H	Inagh	CWT	5094	47/18/16A	Adipose	08/04/97	Ballynahinch	Ballynahinch	
	1+	Pair	H	Bunowen	CWT	10531	47/20/15	Adipose	08/04/97	Bunowen		
	1+	Pair	H	Bunowen	CWT	4608	47/18/08A	Adipose	08/04/97	Bunowen		
	1+	Pair	H	Bunowen	CWT	1557	47/00/00A	Adipose	08/04/97	Bunowen		
	1+	Pair	H	Lee	CWT	11204	47/18/39	Adipose	11/04/97	Lee	MSW	
	1+	Pair	H	Lee	CWT	698	47/18/21A	Adipose	11/04/97	Lee	MSW	
	1+	Pair	H	Shannon	CWT	7760	47/20/02	Adipose	17/04/97	Lee	MSW	
	1+	Pair	H	Shannon	CWT	4488	47/19/58	Adipose	16/04/97	Lee	MSW	
	1+	Pair	H	Shannon	CWT	9288	47/19/57	Adipose	16/04/97	Lee	Grise	
1+	Pair	H	Shannon	CWT	2870	47/19/59	Adipose	16/04/97	Lee	Grise		
1+	Pair	H	Shannon	CWT	10227	47/19/53	Adipose	09/05/97	Erne	Tairrace		
1+	Pair	H	Shannon	CWT	5050	47/17/36B	Adipose	08/05/97	Erne	Swanlinbar		
1+	Pair	H	Shannon	CWT	3875	47/18/29A	Adipose	08/05/97	Erne	Swanlinbar		
1+	Pair	H	Shannon	CWT	3276	47/18/17A	Adipose	08/05/97	Erne	Beleek		
1+	Pair	H	Shannon	CWT	2862	47/18/13A	Adipose	08/05/97	Erne	Beleek		
1+	Pair	H	Shannon	CWT	6149	47/17/37B	Adipose	08/05/97	Erne	Beleek		
1+	Pair	H	Shannon	CWT	7397	47/19/54	Adipose	08/05/97	Erne	Tairrace		

Continued

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
Marine Institute DOM	I+	Parr	H	Shannon	CWT	848	47/17/58A	Adipose	08/05/97	Erne	Tailrace
	I+	Parr	H	Shannon	CWT	4937	47/19/55	Adipose	09/05/97	Erne	Tailrace
	I+	Parr	H	Shannon	Finclip	100000					
	I-3+	Smolt	W	Corrib	CWT	1683	47/19/56	Adipose	17/04/97	Galway	Trap
	I-3+	Smolt	W	Corrib	CWT	1767	47/19/61	Adipose	24/04/97	Galway	Trap
	I-3+	Smolt	W	Corrib	CWT	1852	47/19/52	Adipose	01/05/97	Galway	Trap

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

Marking Season: 1997

Country: Norway

Grand Total Primary Marks

ADULTS		All
Microtags	0	0
External Tags	100692	400
Adipose Clip	0	0
Other clips, External marks	0	0
TOTAL FISH MARKED		400

JUVENILES		Hatchery	Wild
Microtags	0	0	0
External Tags	100692	3313	3313
Adipose Clip	0	0	0
Other clips, External marks	0	0	0
TOTAL FISH MARKED		100692	3313

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	2	smolt	H	Imsa	Carlin	1987	NC-17000-18999		12 May	Imsa	
NINA	1	smolt	H	Imsa	Carlin	1993	NC-19000-20999		12 May	Imsa	
NINA	1	smolt	H	Imsa	Carlin	1995	NC-21000-22999		12 May	Imsa	
NINA	1	smolt	H	Akvagen	Carlin	1998	NC-23000-24999		12 May	Imsa	
NINA	1	smolt	H	Figgjo	Carlin	1996	NC-25000-26999		12 May	Imsa	
NINA	1	smolt	H	Lone	Carlin	1996	NC-29000-30999		12 May	Imsa	
NINA	1	smolt	H	Namsen	Carlin	1997	NC-45000-46999		12 May	Imsa	
NINA	1	smolt	H	Figgjo	Carlin	1996	NC-27000-28999		30 Apr	Figgjo	
NINA		smolt	W	Figgjo	Carlin	100	NX 98400-98499		26 Apr	Figgjo	
NINA		smolt	W	Figgjo	Carlin	900	NX 99100-99999		26 Apr	Figgjo	
NINA	1	smolt	H	Imsa	Carlin	1990	NC-31000-32999		06 May	Audna	
NINA	1	smolt	H	Imsa	Carlin	1997	NC-33000-34999		06 May	Audna	
NINA	1	smolt	H	Imsa	Carlin	1999	NC-35000-36999		06 May	Audna	
NINA	1	smolt	H	Imsa	Carlin	1993	NC-37000-38999		05 May	Mandal	
NINA	1	smolt	H	Imsa	Carlin	1989	NC-39000-40999		05 May	Mandal	
NINA	1	smolt	H	Imsa	Carlin	1997	NC-41000-42999		05 May	Tovdal	
NINA	1	smolt	H	Imsa	Carlin	1995	NC-43000-44999		05 May	Tovdal	
NINA	1	smolt	H	Imsa	Carlin	250	NN 99200-99449		13 May	Imsa	Satt overf. fella
NINA	1	smolt	H	Imsa	Carlin	1992	NC-47000-48999		13 May	Kaia Ims	
NINA	1	smolt	H	Imsa	Carlin	1991	NC-49000-50999		13 May	Kaia Ims	
NINA		smolt	W	Vikesa	Carlin	645	NC-59000-59656		18 Apr	Bjerkreim	

Continued

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		smolt	W	Imsa	Carlin	257	NC-11000-11257			Imsa/fella	
NINA		smolt	W	Imsa	Carlin	887	NU 29113-29999			Imsa/fella	
NINA		smolt	W	Audna	Carlin	524	NZ 34700-35224		22 Mar	Audna	
NINA	1	smolt	H	Audna	Carlin	997	NX 97000-97999		06 May	Audna	
NINA	1	smolt	H	Audna	Carlin	997	NØ 84000-84999		06 May	Audna	
NINA	1	smolt	H	Ekso	Carlin	1433	NC-62000-63437		20 Apr	Ekso	
NINA	2	smolt	H	Eira	Carlin	985	NB-21000-21999		21 May	Eira	
NINA	2	smolt	H	Eira	Carlin	2985	NB-23000-25000		27 May	Eresfjord	
NINA	2	smolt	H	Eira	Carlin	1988	NU 21000-22999		21 May	Eira	
NINA	2	smolt	H	Suldal	Carlin	1312	NC-66000-67312		06 May	Suldal	
NINA	2	smolt	H	Suldal	Carlin	1675	NC-67313-68999		07 May	Suldal	
NINA	1	smolt	H	Suldal	Carlin	991	NC-69000-69999		12 May	Suldal	
NINA	1	smolt	H	Suldal	Carlin	2494	NC-70000-72499		09 May	Suldal	
NINA	1	smolt	H	Suldal	Carlin	2493	NC-72500-74999		09 May	Suldal	
NINA	1	smolt	H	Suldal	Carlin	2471	NC-75000-77499		11 May	Sandsfjord	
NINA	1	smolt	H	Suldal	Carlin	2453	NC-77500-79999		11 May	Sandsfjord	
NINA	1	smolt	H	Suldal	Carlin	2494	NC-80000-82499		12 May	Suldal	
NINA	1	smolt	H	Suldal	Carlin	2491	NC-82500-84999		12 May	Suldal	
NINA	1	smolt	H	Suldal	Carlin	2496	NC-85000-87499		12 May	Suldal	
NINA	1	smolt	H	Suldal	Carlin	1486	NC-87500-88999		12 May	Suldal	
NINA	2	smolt	H	Orkla	Carlin	979	NB-77000-77999		22 May	Agtenes	
NINA	2	smolt	H	Orkla	Carlin	992	NB-78000-78999		22 May	Agtenes	
NINA	2	smolt	H	Orkla	Carlin	987	NB-79000-79999		22 May	Agtenes	
NINA	2	smolt	H	Orkla	Carlin	983	NB-80000-80999		22 May	Agtenes	
NINA	2	smolt	H	Orkla	Carlin	977	NB-81000-81999		22 May	Agtenes	
NINA	2	smolt	H	Orkla	Carlin	977	NB-82000-82999		22 May	Agtenes	
NINA	2	smolt	H	Orkla	Carlin	977	NB-83000-83999		22 May	Agtenes	
NINA	2	smolt	H	Orkla	Carlin	985	NB-84000-84999		22 May	Agtenes	
NINA	2	smolt	H	Orkla	Carlin	983	NC-89000-89999		22 May	Agtenes	
NINA	1	smolt	H	Dale	Carlin	1999	NB-41000-42999		05 May	Dale/Vaksdal	
NINA	1	smolt	H	Dale	Carlin	994	NB-70000-70999		05 May	Dale/Vaksdal	
NINA	1	smolt	H	Dale	Carlin	2978	NB-71000-73999		05 May	Dale/Vaksdal	
NINA	1	smolt	H	Dale	Carlin	1796	NB-74000-76999		05 May	Dale/Vaksdal	

Continued

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	Drammen	Carlin	994	NA-88000-88999		07 May	Drammen	
NINA	1	smolt	H	Drammen	Carlin	1000	NA-89000-89999		07 May	Drammen	
NINA	1	smolt	H	Drammen	Carlin	1000	NB-67800-67999		07 May	Drammen	
NINA	1	smolt	H	Drammen	Carlin	999	NB-68000-68999		07 May	Drammen	
NINA	1	smolt	H	Alta	Carlin	3099	NC-90001-93099		15 Jun	Alta	
NINA	1	smolt	H	Alta	Carlin	1499	NC-93101-94599		12 Jun	Hals	
IMR	2	adult	H	Matre	T-bar, anchor	400	Yellow, B 7000 - 7400	AD	June	Matre, SW-Norway	50 % triploids
IMR	1	smolt	H	Matre	T-bar, anchor	7500	Yellow, B 7000 - 7401	AD	June	Matre, SW-Norway	50 % triploids
IMR	1+	smolt	H	Matre	T-bar, anchor	1600	CI - 8340	AD	October	Matre, SW-Norway	50 % triploids

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

Marking Season: 1997

Country: Russia

Grand Total Primary Marks

JUVENILES		ADULTS		All	
	Hatchery	Wild			
Microtags	0	0	0	0	0
External Tags	3500	900	2038	2038	2038
Adipose Clip	474400	1240	0	0	0
Other clips, External marks	0	0	0	0	0
TOTAL FISH MARKED	477900	2140			2038

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
Murmmanbyvod	2+	smolt	H	Kola River	AD	143000			June	Kola River	
	2+	smolt	H	Kola River	AD	48100			June	Knjazhaya bay	
	2+	smolt	H	Kola River	Carlin	1700	50000 - 50499		June	Knjazhaya bay	
Murmmanbyvod							50700 - 50899				
							52000 - 52999				
	1+	parr	H	Umba River	AD	20000			June	Umba River	
Murmmanbyvod/PINRO	2+	smolt	H	Umba River	AD	101000			June	Umba River	
	2+	smolt	H	Umba River	Carlin	1800	60000 - 60799		June	Umba River	
							64000 - 64999				
PINRO/ASF	1SW,2SW	adult	W	Ponoi River	Floy	205	2001 - 2488		June - September	Ponoi River	
	1SW,2SW	adult	W	Ponoi River	Floy	1833	6001 - 8000		June - September	Ponoi River	
	3+,4+	smolt	W	Ponoi River	AD	240			July	Ponoi River	
	3+,4+	smolt	W	Ponoi River	Carlin	900	02.001 - 02.300		July	Ponoi River	
							02.401 - 02.700				
							03.301 - 03.500				
							03.701 - 03.800				
PINRO	2+,3+	smolt	W	Strelina River	AD	1000			June	Strelina River	
Karelybvod	2+	smolt	H	Keret River	AD	80800			June	Keret River	
	2+	smolt	H	Shuja River	AD	9800			June	Shuja River	
	0+	parr	H	Shuja River	AD	50800			September	Shuja River	
	2+	parr	H	Wyg River	AD	20900			September	Wyg River	

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

Marking Season: 1997

Country: Spain

Grand Total Primary Marks

JUVENILES		ADULTS		AJJ	
	Hatchery	Wild			
Microtags	26106	0			0
External Tags	0	0			0
Adipose Clip	114600	0			0
Other clips, External marks	19800	0			0
TOTAL FISH MARKED	160500	0			0

MARKING AGENCY	AGE	LIFE STAGE	H/W	STOCK ORIGIN	PRIMARY TAG or MARK	NUMBER MARKED	CODE OR SERIAL	AUX CLIP	REL DATE	PLACE OF RELEASE	COMMENT
Seccion de Pesca	1	smolt	H	Sella	cold branding	19800		AD	Feb-97	Sella	
Asturias	1	smolt	H	Narcea	AD	11000			Feb-97	Narcea	
	1	smolt	H	Deva	AD	22000			Feb-97	Deva	
	0+	parr	H	Eo	AD	11500			Oct-97	Eo	
	0+	parr	H	Sella	CWT	10500	23-20/09	AD	Oct-97	Sella	
	0+	parr	H	Sella	CWT	3000	23-20/10	AD	Oct-97	Sella	
	0+	parr	H	Sella	CWT	7600	23-20/10	AD	Nov-97	Sella	
	0+	parr	H	Sella	CWT	5000	23-20/05	AD	Nov-97	Sella	
	0+	parr	H	Sella	AD	10000			Oct-Nov-97	Sella	
	0+	parr	H	Esva	AD	7300			Sept-97	Esva	
	0+	parr	H	Narcea	AD	38800			Oct-Nov-97	Narcea	
	0+	parr	H	Sella-Narcea	AD	14000			Oct-97	Cares	

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

Marking Season: 1997

Country: Sweden

Grand Total Primary Marks

	JUVENILES		ADULTS		All
	Hatchery	Wild			
Microtags	0	0			0
External Tags	4436	280			0
Adipose Clip	0	0			0
Other clips, External marks	1690	0			0
TOTAL FISH MARKED	6126	280			0

MARKING AGENCY	AGE	LIFE STAGE	H/W	STOCK ORIGIN	PRIMARY TAG or MARK	NUMBER MARKED	CODE OR SERIAL	AUX CLIP	REL DATE	PLACE OF RELEASE	COMMENT
		smolt	W		Carlin	172	SN 525 758 - 929		April - May	Ätran	
		smolt	W		Carlin	98	SN 622000 - 097		April - May	Ätran	
		smolt	W		Carlin	10	SN 645990 - 999		April - May	Ätran	
	2	smolt	H		Carlin	492	SP 450 000 - 499		April	Nissan	
	1	smolt	H		Carlin	491	SP 450 500 - 999		April	Nissan	
	2	smolt	H		Carlin	990	SP 451 000 - 999		April	Lagan	
	1	smolt	H		Carlin	996	SP 452 000 - 999		April	Lagan	
	1	smolt	H		Carlin	478	SP 454 000 - 499		April	Lagan	
	2	smolt	H		Carlin	494	SP 454 500 - 999		April	Lagan	
	1	smolt	H		Carlin	495	SP 478 000 - 499		May	Göta älv	
	1	smolt	H		finclip	1690			May	Göta älv	

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

Marking Season: 1997

Country: UK (England & Wales)

Grand Total Primary Marks

ADULTS		ADULTS	
ADULTS		ADULTS	
Microtags	5285	0	0
External Tags	0	1753	0
Adipose Clip	219927	0	0
Other clips, External marks	0	0	0

TOTAL FISH MARKED 393933 5285

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
EA North East	1+	parr	H	Tyne	CWT	7564	20/42/06	AD	27-Jan-97	R.N.Tyne	
EA North East	1+	parr	H	Tyne	CWT	7538	20/42/07	AD	27-Jan-97	R.N.Tyne	
EA North East	1+	parr	H	Tyne	CWT	7544	20/42/05	AD	29-Apr-97	R.N.Tyne	
EA North East	1+	parr	H	Tyne	CWT	7538	20/42/10	AD	29-Jan-97	R.Redde	
EA North East	1+	parr	H	Tyne	CWT	7770	20/42/11	AD	29-Jan-97	R.Redde	
EA North East	1+	parr	H	Tyne	CWT	7560	20/42/08	AD	29-Jan-97	R.S.Tyne	
EA North East	1+	parr	H	Tyne	CWT	7581	20/42/09	AD	29-Jan-97	R.S.Tyne	
EA Thames	1+	smolt	H	Shannon	CWT	9866	23/42/06	AD	21-Mar-97	R.Thames	
EA Thames	1+	smolt	H	Shannon	CWT	10027	23/42/08	AD	21-Mar-97	R.Thames	
EA Thames	1+	smolt	H	Shannon	CWT	10043	23/42/07	AD	27-Mar-97	R.Thames	
EA Thames	1+	smolt	H	Shannon	CWT	10089	23/42/09	AD	27-Mar-97	R.Thames	
EA Thames	1+	smolt	H	Shannon	AD	25427			17 to 24-Mar-97	R.Thames	
EA Thames	Var	adult	W	Thames	Floy	27	4454-4679	None	Var	R.Thames	
EA Southern	Var	adult	W	Test	Floy	4	106-109	None	Var	R.Test	
EA Southern	0+	parr	H	Test	AD	194500			July to Nov-97	R.Test	
CEFAS/EA Southern	Var	smolt	W	Test	CWT	2987	01/42/17	AD	April/May 97	R.Test	
EA South West	1+	parr	H	Avon	CWT	1200	01/42/05	AD	Mar-97	R.Avon	
EA Midland	1+	parr	H	Tanat	CWT	6429	23/42/14	AD	28-May-97	R.Tanat	
EA Midland	1+	parr	H	Severn	CWT	5396	19/42/09	AD	30-Jun-97	R.Severn	
EA Midland	1+	parr	H	Severn	CWT	1130	19/42/17	AD	30-Jun-97	R.Severn	
EA Midland	1+	smolt	H	Severn	CWT	2382	21/42/53	AD	4-Mar-97	R.Severn	
EA Midland	1+	parr	H	Teme	CWT	6789	20/42/34	AD	22-May-97	R.Teme	
EA Midland	1+	smolt	H	Teme	CWT	1815	21/42/18	AD	25-Feb-97	R.Teme	
EA Midland	1+	smolt	H	Tanat	CWT	1391	21/42/20	AD	24-Feb-97	R.Tanat	

Continued

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
EA Welsh	Var	adult	W	Dec	Floy	1240	3144-4388	None	Var	R. Dec	
EA Welsh	1+	smolt	H	Dec	CWT	4676	23/42/05	AD	4-Mar-97	R. Alwen	
EA Welsh	1+	smolt	H	Dec	CWT	2594	19/42/59	AD	3-Mar-97	R. Tryweryn	
EA Welsh	1+	parr	H	Dec	CWT	6907	20/42/32	AD	20-May-97	R. Alwen	
EA Welsh	1+	parr	H	Dec	CWT	4302	23/42/15	AD	5-Jun-97	R. Tryweryn	
EA Welsh	1+	parr	H	Dec	CWT	1163	20/42/32	AD	9-Jul-97	R. Alwen	
EA Welsh	1+	parr	H	Dec	CWT	610	17/42/12	AD	9-Jul-97	R. Alwen	
EA Welsh	1+	parr	H	Dec	CWT	913	21/42/09	AD	10-Jul-97	R. Alwen	
EA Welsh	Var	smolt	W	Dec	CWT	1812	21/42/51	AD	April/May 97	R. Dec	
EA Welsh	2+	smolt	H	Taff	CWT	9555	18/42/63	AD	5-Apr-97	R. Taff	
EA Welsh	Var	adult	W	Taff	Floy	260	G3440-G3700	None	Var	R. Taff	
EA Welsh	Var	adult	W	Taff	Floy	42	O1087-O1099 + 30 Var	None	Var	R. Taff	
EA Welsh	Var	adult	W	Var	Floy	180		None	Var	R. Taff	
EA North West	1+	parr	H	Eden	CWT	11000	01/42/??	AD	?	R. Caldey	
EA North West	1+	parr	H	Derwent	CWT	5500	01/42/??	AD	?	R. Derwent	
EA North West	Var	smolt	W	Kent	CWT	486	20/42/58	AD	?	R. Kent	
CEFAS/EA North West	1+	parr	H	Lune	CWT	7134	01/42/20	AD	Apr-97	R. Wyrn	

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

Marking Season: 1997

Country: UK (Northern Ireland)

Grand Total Primary Marks

JUVENILES		ADULTS		All	
	Hatchery	Wild			
Microtags	9615	2428	0	0	0
External Tags	0	0	0	0	0
Adipose Clip	230	0	261	261	0
Other clips, External marks	0	0	0	0	0

TOTAL FISH MARKED 9845 2428

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	
Department of Agriculture N. Ireland	2+	Parr	H	R Bush	Micro	610	43/16/05	Adipose		R Bush		
	2+	Parr	H	R Bush	Micro	270	43/16/07	Adipose		R Bush		
	2+	Parr	H	R Bush	Micro	4241	43/16/19	Adipose		R Bush		
	2+	Parr	H	R Bush	Micro	4494	43/16/26	Adipose		R Bush		
	2+	Parr	H	R Bush	Adipose	113				R Bush		
	1+	Parr	H	R Bush	Adipose	117				R Bush		
	2+	Smolt	W	R Bush	Micro	2428	43/01/01	Adipose	19/04/97-02/05/97	R Bush	sequential tags	
		Adult Kelt		H/W	R Bush	Adipose	261		panjetted ventral surface		R Bush	

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

Country: UK (Scotland)

Marking Season: 1997

Grand Total Primary Marks

JUVENILES		ADULTS		All
Hatchery	Wild	Primary Tag or Mark	Number Marked	
Microtags	5157		0	69
External Tags			69	
Adipose Clip	32600		0	
Other clips, External marks	2638		0	
TOTAL FISH MARKED	40395		33245	

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
SOAEFD	2	smolt (s2)	H	Tay	CWT (X-RAY)	1304	10/10	AD	Spring 97	R. Braan (Tay Trib)	
SOAEFD	Various	smolt	W	Conon	CWT	1093	62/16/51	AD	Spring 97	R. Braan (Conon Trib)	Mainly 2 & 3 Yr Olds
SOAEFD	Various	parr	W	Tay	CWT	3786	62/16/38	AD	Autumn 97	R. Braan (Tay Trib)	Mainly 1+ & 2+
SOAEFD	Various	pre-smolt	W	Conon	PIT	1000	Individual Codes	None	Early Spring 97	Conon Tribs	MAINLY 1+ & 2+
SOAEFD	Various	smolt	W	Conon	PIT	1000	Individual Codes	None	Spring 97	Conon Tribs	Mainly 2 & 3 Yr Olds
SOAEFD	Various	parr	W	Conon	PIT	1000	Individual Codes	None	Autumn 97	Conon Tribs	Mainly 1+ & 2+
SOAEFD	3/2/04	smolt	W	Gimcock	CWT	2517	62/50/14	AD	16/1/97-2/5/97	Gimcock	Laser Mark Tags
SOAEFD	3/2/04	smolt	W	Gimcock	CWT	230	62/50/17	AD	6/5/97	Gimcock	Laser Mark Tags
SOAEFD	2/1/03	parr	W	Gimcock	CWT	314	62/50/20	AD	10/10/97-31/12/97	Gimcock	Laser Mark Tags
SOAEFD	2/1/03	parr	W	Gimcock	CWT	384	62/50/21	AD	24/10/97-31/12/97	Gimcock	Laser Mark Tags (Precocious Males)
SOAEFD	3/2/04	smolt	W	Baddoch	CWT	1501	62/50/13	AD	2/1/97-15/4/97	Baddoch	Laser Mark Tags
SOAEFD	3/2/04	smolt	W	Baddoch	CWT	1400	62/50/16	AD	29/4/97-23/5/97	Baddoch	Laser Mark Tags
SOAEFD	2/1/03	parr	W	Baddoch	CWT	111	62/50/19	AD	10/9/97-28/11/97	Baddoch	Laser Mark Tags
SOAEFD	2/1/03	parr	W	Baddoch	CWT	594	62/50/18	AD	18/10/97-12/12/97	Baddoch	Laser Mark Tags (Precocious Males)
SOAEFD	1-4	smolt	W	N. Esk	Carlin CWT STD	4473	C31700-C36317 & 60/20/08 & 60/20/09	AD	04/04/97-28/05/97	N. Esk	Green Sequential
SOAEFD	1-4	smolt	W	N. Esk	CWT	8200	60/20/08 & 60/20/09	AD	16/04/97-05/05/97	N. Esk	Sequential
SOAEFD	1-4	parr	W	Water of Mark	CWT	1148	60/20/10	AD	28/07/97-01/08/97	Water of Mark	Sequential
SOAEFD	1-4	parr	W	Cruick Burn	CWT	2370	60/20/10	AD	04/08/97-09/08/97	Cruick Burn	Sequential

Continued

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
WGFT	N/A	parr	N/A (summed with H)	R. Bladnoch	Color Elastomer Dye Injected into Ocular Tissue	2638	N/A	AD	APRIL-MAY97	R. Bladnoch	
SPEY RES TRST	N/A	parr	W	Fiddich	CWT	2124	SEQ62 D20/11	AD	6/10/97-6/11/97	Fiddich	
SPEY RES TRST	N/A	fy	H	Spey	CWT	2670	SEQ62 D10/01	AD	1/10/97	Trum	
SPEY RES TRST	N/A	fy	H	Spey	CWT	1183	SEQ62 D10/02	AD	1/10/97	Lower Mainstem Tay	
TWEED Foundation		adult	(summed with W)	Tweed	Floy	69	VARIOUS (Name of Agency on Tag)		15/9/97-23/9/97	Tweed Est	Yellow - Fresh fish heading upriver
SOAEFD		fy	H	Tay	AD	14000			JUNE/JULY97	Braan-Ballinloan	
SOAEFD		fy	H	Tay	AD	2400			JUNE/JULY97	Braan-Dullator	
SOAEFD		fy	H	Tay	AD	8800			JUNE/JULY97	Braan-Glenfender	
SOAEFD		fy	H	Tay	AD	7400			JUNE/JULY97	Tilt-Tarf	

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

Marking Season: 1997

Country: United States

Grand Total Primary Marks

	JUVENILES		ADULTS		All
	Hatchery	Wild			
Microtags	0	0			0
External Tags	0	0			3288
Adipose Clip	18286	0			0
Other clips, External marks	26982	1474			147
TOTAL FISH MARKED	45268	1474			3435

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
USGS	4	adult	W	Connecticut	VI	1	RB2		5/97	Connecticut R.	Radio freq. 30.240
USGS	4	adult	W	Connecticut	VI	1	RB3		5/97	Connecticut R.	Radio freq. 30.030
USGS	4	adult	W	Connecticut	VI	1	RB4		5/97	Connecticut R.	Radio freq. 30.070
USGS	4	adult	W	Connecticut	VI	1	RB5		6/97	Connecticut R.	Radio freq. 30.170
USGS	4	adult	W	Connecticut	VI	1	RB6		6/97	Connecticut R.	Radio freq. 30.200
USGS	4	adult	W	Connecticut	VI	1	RB7		6/97	Connecticut R.	Radio freq. 30.250
USGS	4	adult	W	Connecticut	VI	1	RB8		6/97	Connecticut R.	Radio freq. 30.230
USGS	4	adult	W	Connecticut	VI	1	RB9		6/97	Connecticut R.	Radio freq. 30.181
USGS	4	adult	W	Connecticut	VI	1	RC1		6/97	Connecticut R.	Radio freq. 30.190
USGS	4	adult	W	Connecticut	VI	1	RC2		6/97	Connecticut R.	Radio freq. 30.030
USGS	4	adult	W	Connecticut	VI	1	RC3		6/97	Connecticut R.	Radio freq. 30.240
USGS	4	adult	H	Connecticut	VI	1	RC4		10/97	Connecticut R.	Radio freq. 30.050
USGS	4	adult	H	Connecticut	VI	1	PK7		10/97	Connecticut R.	Radio freq. 30.060
USGS	4	adult	H	Connecticut	VI	1			10/97	Connecticut R.	Radio freq. 30.170
USGS	4	adult	H	Connecticut	VI	1	RD2		10/97	Connecticut R.	Radio freq. 30.180
USGS	4	adult	H	Connecticut	VI	1	RC3		10/97	Connecticut R.	Radio freq. 30.190
USGS	4	adult	H	Connecticut	VI	1	RC6		10/97	Connecticut R.	Radio freq. 30.020
USGS	4	adult	H	Connecticut	VI	1	PK1		10/97	Connecticut R.	Radio freq. 30.230
USGS	4	adult	H	Connecticut	VI	1	PK4		10/97	Connecticut R.	Radio freq. 30.250
USGS	4	adult	H	Connecticut	VI	1	PK9		10/97	Connecticut R.	Radio freq. 30.050
USGS	4	adult	H	Connecticut	VI	1	RD0		10/97	Connecticut R.	Radio freq. 30.060

Continued

MARKING AGENCY	AGE	LIFE STAGE	HW	STOCK ORIGIN	TAG TYPE OR MARK	NUMBER MARKED	CODE OR SERIAL	AUX CLIP	REL. DATE	PLACE OF RELEASE	COMMENT
USGS	4	adult	H	Connecticut	VI	1	RC5		10/97	Connecticut R.	Radio freq. 30.070
USGS	4	adult	H	Connecticut	VI	1	RD3		10/97	Connecticut R.	Radio freq. 30.170
USGS	4	adult	H	Connecticut	VI	1	RC9		10/97	Connecticut R.	Radio freq. 30.180
USGS	4	adult	H	Connecticut	VI	1	PK3		10/97	Connecticut R.	Radio freq. 30.190
USGS	4	adult	H	Connecticut	VI	1	PK2		10/97	Connecticut R.	Radio freq. 30.230
USGS	4	adult	H	Connecticut	VI	1	PK6		10/97	Connecticut R.	Radio freq. 30.240
USGS	0	parr	W	Connecticut	PIT	473			9-12/97	Connecticut R.	
USGS	1,2	parr	W	Connecticut	PIT	892			5-12/97	Connecticut R.	
USFWS	4	adult	W	Connecticut	Disc	24	#62		2/97	Connecticut R.	RCNSS Kelts
RIDFW	1	smolt	H	Merrimack	AD	7782			10/97	Pewaukee R.	
NHFG	2+	adult	H	Merrimack	Floy	310	S/6-2		1,5/97	Merrimack R.	Dark Blue
NHFG	3+,4+	adult	H	Merrimack	Floy	345	F/7-1		4,5/97	Merrimack R.	Dark Blue
NHFG	3+,4+	adult	H	Merrimack	Floy	341	B/7-1		4,5/97	Merrimack R.	Dark Blue
NHFG	3+,4+	adult	H	Merrimack	Floy	267	S/7-1		4,5/97	Merrimack R.	Dark Blue
NHFG	3+,4+	adult	H	Merrimack	Floy	170	H/7-1		5/97	Merrimack R.	Dark Blue
NHFG	3+,4+	adult	H	Merrimack	Floy	150	G/7-1		5/97	Merrimack R.	Dark Blue
NHFG	3+,4+	adult	H	Merrimack	Floy	150	M/7-1		5/97	Merrimack R.	Dark Blue
NHFG	4+	adult	H	Merrimack	Floy	140	7-1		6,7/97	Merrimack R.	Clear
NHFG	3+,4+	adult	H	Merrimack	Floy	1348	97/F		11,12/97	Merrimack R.	Purple
NHFG	2	smolt	H	Merrimack	LV	3850			3/97	Merrimack R.	
NHFG	2	smolt	H	Merrimack	LV	1250			4/97	Merrimack R.	
NHFG	1	parr	H	Merrimack	LV	4600			6/97	Merrimack R.	
USFWS	2	parr	H	Merrimack	AD	4890			5/97	Merrimack R.	
USFWS	0+	parr	H	Merrimack	AD	4960			10/97	Merrimack R.	
USFWS	5	adult	H	Machias	elast.	18		AD	12/97	Machias R.	yellow, right eye
USFWS	5	adult	H	Dennys	elast.	19		AD	12/97	Dennys R.	orange, right eye
USFWS	5	adult	W	Narraguagus	elast.	20		AD	12/97	Narraguagus R.	green, right eye
USFWS	1	parr	H	Narraguagus	LV	2025			5/97	Narraguagus R.	
USFWS	2	smolt	W	Narraguagus	Ping	109			5-6/97	Narraguagus R.	
USFWS	1	smolt	H	Narraguagus	AD	654			5/97	Narraguagus R.	
USFWS	1	smolt	H	Narraguagus	Ping	29		AD	5/97	Narraguagus R.	
USFWS	5	adult	W	Narraguagus	LCP	31			6/97	Narraguagus R.	
USFWS	5	adult	W	Narraguagus	LCC	9			6/97	Narraguagus R.	

Continued

MARKING AGENCY	AGE	LIFE STAGE	H/W	STOCK ORIGIN	TAG TYPE OR MARK	NUMBER MARKED	CODE OR SERIAL	AUX CLIP	REL DATE	PLACE OF RELEASE	COMMENT
USFWS	5	adult	W	Narraguagus	UCC	9			6/97	Narraguagus R.	
USFWS	5	adult	W	Narraguagus	UCP	14			6/97	Narraguagus R.	
USGS/NMFS	3+4+	adult	H	Narraguagus	Carlin	43		CP	10/97	Narraguagus R.	Yellow, Orange, White
USFWS	1	smolt	H	Penobscot	radio	150			5/97	Saco R.	149 mbz
USFWS	0	pair	H	Penobscot	RV	15078			5/97	Saco R.	

** UCP = upper caudal punch

*** LCP = lower caudal punch

**** AP = adipose punch

***** CP = caudal punch

***** AD = adipose clip

Table 1 Number of microtags, external tags, marks and finclips applied to Atlantic salmon by countries for 1997. ('Hatchery' and 'wild' refer to smolts or parr; adults are 'wild' and/or 'hatchery')

Country	Origin	Primary Marking Method				Auxiliary Marks Applied
		Microtags	External Tags	Adipose Clip Only	Other Visible Clips/Marks	
Belgium	Hatchery	15672				3000
	Wild					
	Adult					
	Total	15672				3000
Canada	Hatchery		12448	556830		4450
	Wild					
	Adult		8439			
	Total		20887	556830		4450
Denmark	Hatchery	18167				18167
	Wild					
	Adult					
	Total	18167				18167
Finland	Hatchery					
	Wild					
	Adult					
	Total					
France	Hatchery	9000		307025	181800	5000
	Wild			500	350	350
	Adult					
	Total	9000		307525	182150	5350
Iceland	Hatchery	153218				153218
	Wild	6684				6684
	Adult		1417			
	Total	159902	1417			159902
Ireland	Hatchery	356324			100000	356324
	Wild	5302				5302
	Adult					
	Total	361626			100000	361626
Norway	Hatchery		100692			9100
	Wild		3313			
	Adult		400			400
	Total		104405			9500
Russia	Hatchery		3500	474400		
	Wild		900	1240		
	Adult		2038			
	Total		6438	475640		
Spain	Hatchery	26100		114600	19800	45900
	Wild					
	Adult					
	Total	26100		114600	19800	45900
Sweden	Hatchery		4436		1690	
	Wild		280			
	Adult					
	Total		4716		1690	
UK (England & Wales)	Hatchery	174006		219927		174006
	Wild	5285				5285
	Adult		1753			
	Total	179291	1753	219927		179291
UK (Northern Ireland)	Hatchery	9615		230		9615
	Wild	2428				2428
	Adult			261		
	Total	12043		491		12043
UK (Scotland)	Hatchery	5157		32600	2638	7795
	Wild	28772	4473			33245
	Adult		69			
	Total	33929	4542	32600	2638	41040
USA	Hatchery			18286	26982	29
	Wild				1474	100
	Adult		3288		147	
	Total		3288	18286	28603	129
TOTALS	Hatchery	767259	121076	1723898	332910	786604
	Wild	48471	8966	1740	1824	53394
	Adult	0	17404	261	147	400
	Total by Type	815730	147446	1725899	334881	840398
	Grand Total Salmon Marked =		3023956			

APPENDIX 1

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

Country	Institution	Address
BELGIUM	Unite de Recherches en Biologie des Organismes	Rue de Bruxelles, 61 B-5000 NAMUR (Belgique)
CANADA	Atlantic Salmon Tag Clearing House Department of Fisheries & Oceans	P.O.Box 550, STN "M" Halifax Nova Scotia, BSJ 2SJ
DENMARK	Danmarks Fiskeri og Havundersogelser	Charlottenlund Slot DK-2920 Charlottenlund
FAROEES	Fiskirannsóknarstovan	Noatun, P.O. Box 3051 FR 110 Torshavn
FINLAND	Finnish Game & Fisheries Research Institute	P.O. Box 202 SF-00151 Helsinki
FRANCE	Conseil Superieur de la Peche	Delegation Regionale 84 Rue de Rennes F-35510 Cesson-Sevigne
ICELAND	Institute of Freshwater Fisheries	Vagnhofki 7 112 Reykjavik
IRELAND	Marine Institute Fisheries Research Center (Att. A. Cullen)	Abbotstown, Castleknock Dublin 15
NORWAY	Norwegian Institute for Nature Research (NINA)	Tungasletta 2 N-7005 Trondheim
PORTUGAL	Institute Superior Agronomia Dept. de Engenharia Florestal	Tapada da Ajuda 1399 Lisbon Portugal
RUSSIA	PINRO (Att. S. Prusov)	6 Knipovitch Street 183763 Murmansk
SPAIN (Navarra)	Gobierno de Navarra Servicio de Medio Ambiente	c/o Alhondiga, 1 E 31002 Pamplona
SPAIN (Asturias)	Principado De Asturias Consejeria De Agricultura (Att. Mr. Jeronimo de la Hoz)	Seccion de Pesca fluvial c/ Coronel Coronel Arvada s/n 33005 OVIEDO.ASTURIAS. (Spain)
SWEDEN	Laxforskningsinstitutet	Sorskarstigen S-914 94 Alvkarleby

UK
(England &
Wales)

MAFF, Fisheries Laboratory
(Att. I. Russell)

Pakefield Road, Lowestoft
Suffolk NR33 OHT

UK
(Scotland)

Scottish Office Agriculture,
Environment & Fisheries
Department, (SOAEFD)

Freshwater Fisheries Lab.
Field Station,
16 River Street, Montrose
DD108DL

UK
(N Ireland)

Department of Agriculture for
N. Ireland, Fishery Research
Laboratory
(Att. J. Moffett)

38, Castle Road
Coleraine
C.Londonderry BT51 3RL

USA

Northwest Fisheries Centre
NMFS/NOAA
(Att. K. Friedland)

Woods Hole
166 Water Street
MA 02543

1. 1948-1950

2. 1951-1955

3. 1956-1960

4. 1961-1965

5. 1966-1970

6. 1971-1975

7. 1976-1980

8. 1981-1985

9. 1986-1990

10. 1991-1995

11. 1996-2000

12. 2001-2005

13. 2006-2010

14. 2011-2015

15. 2016-2020

16. 2021-2025

17. 2026-2030

18. 2031-2035

19. 2036-2040

20. 2041-2045

21. 2046-2050

22. 2051-2055

23. 2056-2060

24. 2061-2065

25. 2066-2070

26. 2071-2075

27. 2076-2080

28. 2081-2085

29. 2086-2090

30. 2091-2095

31. 2096-2100

32. 2101-2105

33. 2106-2110

34. 2111-2115

35. 2116-2120

36. 2121-2125

37. 2126-2130

38. 2131-2135

39. 2136-2140

40. 2141-2145

41. 2146-2150

42. 2151-2155