

ICES WGNAS 2014 ADDENDUM

ICES ADVISORY COMMITTEE

ICES CM 2014/ACOM:09

ICES Compilation of Microtags, Finclip and External Tag Releases 2013 by the Working Group on North Atlantic Salmon

19–28 March 2014

Copenhagen, Denmark



ICES

International Council for
the Exploration of the Sea

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Conseil International pour
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1 Terms of Reference

The Terms of Reference for the 2014 Working Group on North Atlantic Salmon (ICES CM 2014/ACOM:09) stated that the group would:

“provide a compilation of tag releases by country in 2013.”

Data were provided by Working Group members for national tagging programmes, as far as possible including all agencies and organisations. The compilations for 2013 are presented by country together with a summary of the tags and marks by all countries in Table 1. A list of national tag clearing houses is given in Annex 1.

2 Summary table

Table 1. Summary of Atlantic salmon tagged and marked in 2013 - 'Hatchery' and 'Wild' juvenile refer to smolts and parr.

Country	Origin	Primary tag or mark				Total
		Microtag	External mark ²	Adipose clip	Other Internal ¹	
Canada	Hatchery Adult	0	1,488	68	268	1,824
	Hatchery Juvenile	0	152	106,310	30	106,492
	Wild Adult	0	2,568	0	64	2,632
	Wild Juvenile	0	10,677	9,286	457	20,420
	Total	0	14,885	115,664	819	131,368
Denmark	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	188,450		169,600	0	358,050
	Wild Adult	0	0	0	0	0
	Wild Juvenile	0	0	0	0	0
	Total	188,450	0	169,600	0	358,050
France	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile ³	0	360	534,500	0	534,860
	Wild Adult ³	2,568	0	0	413	2,981
	Wild Juvenile	183	0	0	0	183
	Total	2,751	360	534,500	413	538,024
Iceland	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	43,329	0	0	0	43,329
	Wild Adult	0	255	0	0	255
	Wild Juvenile	4,928	0	0	0	4,928
	Total	48,257	255	0	0	48,512
Ireland	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	223,463	0	7,459	0	230,922
	Wild Adult	0	0	0	0	0
	Wild Juvenile	0	0	0	0	0
	Total	223,463	0	7,459	0	230,922
Norway	Hatchery Adult	0	9	0	0	9
	Hatchery Juvenile	55,957	9,879	0	0	65,836
	Wild Adult	0	325	0	0	325
	Wild Juvenile	1,162	1,501	0	0	2,663
	Total	57,119	11,714	0	0	68,833
Russia	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0		1,509,868	0	1,509,868
	Wild Adult	0	1,406		0	1,406
	Wild Juvenile	0	0	0	0	0
	Total	0	1,406	1,509,868	0	1,511,274

Table 1. Continued.

Spain	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	65,065	0	0	65,065
	Wild Adult	0	0	0	0	0
	Wild Juvenile	0	0	0	0	0
	Total	0	65,065	0	0	65,065
Sweden	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile ⁴	0	4000	155,544	0	159,544
	Wild Adult	0	0	0	0	0
	Wild Juvenile	0	500	0	0	500
	Total	0	4,500	155,544	0	160,044
UK (England & Wales)	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	0	119,125	0	119,125
	Wild Adult	0	276	0	103	379
	Wild Juvenile	7,942	0	10,733	0	18,675
	Total	7,942	276	129,858	103	138,179
UK (N. Ireland)	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	20,237	0	60,384	0	80,621
	Wild Adult	0	0	0	0	0
	Wild Juvenile	0	0	0	0	0
	Total	20,237	0	60,384	0	80,621
UK (Scotland)	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	0	102,863	0	102,863
	Wild Adult	0	462	0	99	561
	Wild Juvenile	1989	0	0	3,489	5,478
	Total	1,989	462	102,863	3,588	108,902
USA	Hatchery Adult	0	2,668	0	1,150	3,818
	Hatchery Juvenile	0	0	111,886	1,493	113,379
	Wild Adult	0	0	0	0	0
	Wild Juvenile	0	0	0	175	175
	Total	0	2,668	111,886	2,818	117,372
All Countries	Hatchery Adult	0	4,165	68	1,418	5,651
	Hatchery Juvenile	531,436	79,456	2,877,539	1,523	3,489,954
	Wild Adult	2,568	5,292	0	679	8,539
	Wild Juvenile	16,204	12,678	20,019	4,121	53,022
	Total	550,208	101,591	2,897,626	7,741	3,557,166

¹ Includes other internal tags (PIT, ultrasonic, radio, DST, etc.)² Includes Carlin, spaghetti, streamers, VIE etc.³ Includes external dye mark.⁴ The 4000 external tagged hatchery juveniles also adipose finclipped

3 Number of tags and marks applied to Atlantic salmon by country for 2012

3.1 Denmark

Marking Season:		2013			
Origin	Primary Tag or Mark				Total
	Microtag	External tag or mark	Adipose clip	Other internal	
Hatchery Adult					0
Hatchery Juvenile	188,450		169,600		358,050
Wild Adult					0
Wild Juvenile					0
					358,050

Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number Marked	Code or Serial	Secondary Tag or Mark	Release Date
DCV + DTU									
	½ years juvenile		H (F1)	Varde River	adipose	41,600			October
	one year juvenile		H (F1)	Varde River	CWT	29,000	Agent code	adipose	April
	½ years juvenile		H (F1)	Skjern River	adipose	75,000			October
	one year juvenile		H (F1)	Skjern River	CWT	82,450	Agent code	adipose	April
	½ years juvenile		H (F1)	Storå River	adipose	16,000			October
	one year juvenile		H (F1)	Storå River	CWT	37,000	Agent code	adipose	April
	½ years juvenile		H (F1)	Ribe River	adipose	30,000			October
	one year juvenile		H (F1)	Ribe River	CWT	40,000	Agent code	adipose	April
				Total	adipose	169,600			
				Total	CWT	188,450			

3.2 France

Origin	Primary Tag or Mark				total
	microtag	external mark	adip. clip	other (1)	
Hatchery juvenile			534,500		534500
Wild juvenile	2568	360			2928
Adult	183			413	596
Total fish marked	2751	360	534,500	413	538024

(1) dye jet
genetic identification isn't considered here

Marking Agency	Age	Stage	HW	Stock Origin	Primary tag or mark	Number	Code or Serial	Secondary tag or mark	Release Date	Release Location	Comment
WEST - Sélune (Or), Aulne, Elorn, Scorff											
INRA 1- ONEMA	2-4 years	adult	W	R.Sée-Sélune	Pit-Tag	66		dye jet	march-dec.	R. Oir	Sélune trib.
INRA 1- ONEMA	0+	parr	W	R.Sée-Sélune	Pit-Tag	621		pelvic fin clip	october	R. Oir	Sélune trib.
FDAPPMA 35				R.Couesnon		0				R. Couesnon	stocking halt
FDAPPMA 29	1+	parr	H	R.Aulne	adip.clip	75,000			march	R. Aulne	
	1+	smolt	H	R.Elorn	adip clip	9,500			march-april	R. Elorn	(a)
INRA 2	2-5 years	adult	W	R.Scorff	dye jet	316			march-nov.	R.Scorff	
	2-5 years	adult	W	R.Scorff	Pit tag	117					
	1+/2+	smolt	W	R.Scorff	vis. Implant	360		Pelvic fin clip	march-may	R.Scorff	
	0+	parr	W	R.Scorff	Pit-Tag	1,668			september	R.Scorff	
	1+	parr	W	R.Scorff	Pit-Tag	278			september	R.Scorff	
	2+	parr	W	R.Scorff	Pit-Tag	1			september	R.Scorff	
CENTRAL- Loire Allier											
CSNN	1+	smolt	H	R.Allier	adip. clip	185,000			march	R.Allier	
	0+	parr	H	R.Allier	adip. clip	160,000			sept.	R.Allier	
	1+	smolt	H	R.Allier	adip. clip	11,200			march	R.Arroux	Loire trib.
	1+	smolt	H	R.Allier	adip.clip	37,000			march	R.Gartempe	Loire trib.
SOUTH-WEST- Garonne , Dordogne and Gaves											
MIGADO		fed fry	H/W	R.Gar-Dord.	gene ident.	no relevant		dye jet	late july	R.Ariège	Garonne trib.
	1+	smolt	H/W	R.Gar-Dord.	gene ident.	no relevant		adip.clip	march	R.Dordogne	
		fed fry	HW	R.Allier	gene ident.	no relevant		dye jet	may	R.Dordogne	
MIGRADOIR		fed fry	H/W	R. Gaves	adip.clip	56,800			august	G. de Pau	
INRA 3	2-5 years	adult	W	R.Nivelle	dye jet	97			march-nov.	R.Nivelle	
EAST- Rhine											
SAUMON RHIN	0+, 5m.	fed fry	H	R. Allier	adip.clip	0			early july	R.Bruche	Rhine trib.

INRA 1, Field Station of Cerisel on the Oir , Tributary of Sélune river

INRA 2, Field Station of Pont-Scorff on the Scorff river

INRA 3, Station of St Pée sur Nivelle

(a) : compensory release for the habitat loss by the Drennec dam

FDAPPMA 35 : Federation of Angling and River Conservation Associations, Ile et Vilaine area

FDAPPMA 29 : Federation of Angling and River Conservation Associations, Finistère area

CSNN : National Facility for Salmon Conservation- Chanteuges Hatchery, river Allier.

SAUMON RHIN : Association for Salmon Conservation on river Rhine

MIGADO : association for Salmon Conservation on rivers Garonne and Dordogne

MIGRADOIR : association for Salmon Conservation on rivers Adour and Gaves

3.3 Iceland

Marking Season: 2013

Country: Iceland

Origin	Primary Tag or Mark			Total
	Microtag	External mark****	Adipose clip	
Hatchery Adult				0
Hatchery Juvenile	43,329			43,329
Wild Adult		255		255
Wild Juvenile	4,928			4,928

Marking Agency*	Age	Life Stage	HW***	Stock Origin	Primary Tag or Mark**	Number Marked	Code or Serial	Secondary Tag or Mark**	Release Date	Release Location	Comment
IFF	1+	Smolt	H	Rangár	DCWT	1003	067563Ser	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangár	DCWT	768	067563Ser	ADC	June/July	Ytri-Rangá	
IFF	?	Smolt	W	Kálfá	DCWT	168	067763Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	14	067763Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	28	067763Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	34	067763Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	23	067763Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	43	067763Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	33	067763Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	7	067763Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	13	067763Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Vesturdalsá	DCWT	26	067763Ser	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DCWT	25	067763Ser	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DCWT	12	067763Ser	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DCWT	18	067763Ser	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DCWT	4	067763Ser	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DCWT	12	067763Ser	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DCWT	19	067763Ser	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DCWT	112	067763Ser	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DCWT	285	067763Ser	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DCWT	89	067763Ser	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DCWT	573	067763Ser	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DCWT	275	067763Ser	ADC	June/July	Vesturdalsá	
IFF	1+	Smolt	H	Rangár	DCWT	2013	067763Ser	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangár	DCWT	235	067863Ser	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangár	DCWT	1007	067863Ser	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangár	DCWT	1006	067863Ser	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangár	DCWT	1007	067863Ser	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangár	DCWT	1004	067863Ser	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangár	DCWT	1005	067863Ser	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangár	DCWT	1004	067863Ser	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangár	DCWT	1006	067863Ser	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangár	DCWT	1007	067863Ser	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangár	DCWT	1005	067863Ser	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangár	DCWT	1007	067863Ser	ADC	June/July	Hróarslækur	
IFF	1+	Smolt	H	Rangár	DCWT	1003	067863Ser	ADC	June/July	Hróarslækur	

Iceland continued.

STR	?	Smolt	W	Elliðaár	DCWT	9	068763Ser	ADC	June/July	Elliðaár	
STR	?	Smolt	W	Elliðaár	DCWT	13	068763Ser	ADC	June/July	Elliðaár	
STR	?	Smolt	W	Elliðaár	DCWT	25	068763Ser	ADC	June/July	Elliðaár	
STR	?	Smolt	W	Elliðaár	DCWT	23	068763Ser	ADC	June/July	Elliðaár	
STR	?	Smolt	W	Elliðaár	DCWT	126	068763Ser	ADC	June/July	Elliðaár	
STR	?	Smolt	W	Elliðaár	DCWT	72	068763Ser	ADC	June/July	Elliðaár	
STR	?	Smolt	W	Elliðaár	DCWT	101	068763Ser	ADC	June/July	Elliðaár	
STR	?	Smolt	W	Elliðaár	DCWT	114	068763Ser	ADC	June/July	Elliðaár	
STR	?	Smolt	W	Elliðaár	DCWT	226	068763Ser	ADC	June/July	Elliðaár	
STR	?	Smolt	W	Elliðaár	DCWT	318	068763Ser	ADC	June/July	Elliðaár	
STR	?	Smolt	W	Elliðaár	DCWT	141	068763Ser	ADC	June/July	Elliðaár	
STR	?	Smolt	W	Elliðaár	DCWT	164	068763Ser	ADC	June/July	Elliðaár	
STR	?	Smolt	W	Elliðaár	DCWT	61	068763Ser	ADC	June/July	Elliðaár	
STR	?	Smolt	W	Elliðaár	DCWT	142	039763Ser	ADC	June/July	Elliðaár	
STR	?	Smolt	W	Elliðaár	DCWT	100	039763Ser	ADC	June/July	Elliðaár	
STR	?	Smolt	W	Elliðaár	DCWT	146	039763Ser	ADC	June/July	Elliðaár	
STR	?	Smolt	W	Elliðaár	DCWT	186	066263Ser	ADC	June/July	Elliðaár	
STR	?	Smolt	W	Elliðaár	DCWT	155	059463Ser	ADC	June/July	Elliðaár	
STR	?	Smolt	W	Elliðaár	DCWT	120	059463Ser	ADC	June/July	Elliðaár	
STR	?	Smolt	W	Elliðaár	DCWT	135	059463Ser	ADC	June/July	Elliðaár	
STR	?	Smolt	W	Elliðaár	DCWT	112	059463Ser	ADC	June/July	Elliðaár	
STR	?	Smolt	W	Elliðaár	DCWT	101	047163Ser	ADC	June/July	Elliðaár	
STR	?	Smolt	W	Elliðaár	DCWT	86	047063Ser	ADC	June/July	Elliðaár	
STR	?	Smolt	W	Elliðaár	DCWT	126	047063Ser	ADC	June/July	Elliðaár	
STR	?	Smolt	W	Elliðaár	DCWT	129	047063Ser	ADC	June/July	Elliðaár	
STR	?	Smolt	W	Elliðaár	DCWT	99	047063Ser	ADC	June/July	Elliðaár	
STR	?	Smolt	W	Elliðaár	DCWT	67	047063Ser	ADC	June/July	Elliðaár	
STR	?	Smolt	W	Elliðaár	DCWT	18	047063Ser	ADC	June/July	Elliðaár	
STR	1+	Smolt	H	Eystri-Rangá	DCWT	500	047163Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DCWT	506	047163Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DCWT	506	047163Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DCWT	500	047163Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DCWT	516	047163Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DCWT	509	047163Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DCWT	546	047163Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DCWT	500	047163Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DCWT	502	047163Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DCWT	504	047163Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DCWT	527	047163Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DCWT	506	047163Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DCWT	507	047163Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DCWT	513	047163Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DCWT	500	047163Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DCWT	1027	047163Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DCWT	500	047163Ser	ADC	June/July	Eystri-Rangá	

Iceland continued.

STR	1+	Smolt	H	Eystri-Rangá	DCWT	515	068763Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DCWT	500	068763Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DCWT	450	068763Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DCWT	553	068763Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DCWT	1037	047163Ser	ADC	June/July	Affall	
STR	1+	Smolt	H	Eystri-Rangá	DCWT	503	047163Ser	ADC	June/July	Þvera	
STR	1+	Smolt	H	Eystri-Rangá	DCWT	515	047163Ser	ADC	June/July	Þvera	
STR	1+	Smolt	H	Breiðdalsá	DCWT	3506	047063Ser	ADC	June/July	Breiðdalsá	
STR	1+	Smolt	H	Breiðdalsá	DCWT	3500	046563Ser	ADC	June/July	Breiðdalsá	
STR	1+	Smolt	H	Jökulsá á Dal	DCWT	8001	077263Ser	ADC	June/July	Jökulsá á Dal - Kaldá	
RAC	?	Kelts	W	Haffjarðará	T-bar Green	47	IS103104 - IS103469	None	July/August	Haffjarðará	Catch and Release
RAC	?	Kelts	W	Laxá in Kjós and Bugða	T-bar	31	109 - 561	None	July/August	Laxá in Kjós and Bugða	Catch and Release
RAC	?	Kelts	W	Fróðá	T-bar Green	6	IS99953 - IS99958	None	July/August	Fróðá	Catch and Release
IFF	?	Kelts	W	Sæmundará	Radio tag (ATS F2060)	1	151-043-22 kHz	None	Desember	Sæmundará	Tag placed externaly
IFF	?	Kelts	W	Sæmundará	Radio tag (ATS F2060)	1	151-063-20 kHz	None	Desember	Sæmundará	Tag placed externaly
IFF	?	Kelts	W	Sæmundará	Radio tag (ATS F2060)	1	151-063-22 kHz	None	Desember	Sæmundará	Tag placed externaly
IFF	?	Kelts	W	Sæmundará	Radio tag (ATS F2060)	1	151-124-19 kHz	None	Desember	Sæmundará	Tag placed externaly
IFF	?	Kelts	W	Sæmundará	Radio tag (ATS F2060)	1	151-144-24 kHz	None	Desember	Sæmundará	Tag placed externaly
IFF	?	Kelts	W	Sæmundará	Radio tag (ATS F2060)	1	151-043-23 kHz	None	Desember	Sæmundará	Tag placed externaly
IFF	?	Kelts	W	Sæmundará	Radio tag (ATS F2060)	1	151-124-20 kHz	None	Desember	Sæmundará	Tag placed externaly
IFF	?	Kelts	W	Sæmundará	Radio tag (ATS F2060)	1	151-022-19 kHz	None	Desember	Sæmundará	Tag placed externaly
IFF	?	Kelts	W	Sæmundará	Radio tag (ATS F2060)	1	151-163-19 kHz	None	Desember	Sæmundará	Tag placed externaly
IFF	?	Kelts	W	Sæmundará	Radio tag (ATS F2060)	1	151-144-20 kHz	None	Desember	Sæmundará	Tag placed externaly
IFF	?	Kelts	W	Sæmundará	Radio tag (ATS F2060)	1	151-163-21 kHz	None	Desember	Sæmundará	Tag placed externaly
IFF	?	Kelts	W	Sæmundará	Radio tag (ATS F2060)	1	151-144-22 kHz	None	Desember	Sæmundará	Tag placed externaly
IFF	?	Kelts	W	Sæmundará	Radio tag (ATS F2060)	1	151-183-20 kHz	None	Desember	Sæmundará	Tag placed externaly
STR	?	Kelts	H	Eystri-Ranga	T-bar Red	58	IS107000-107057	None	Nov 2012	River Botnsa	
STR	?	Kelts	H	Eystri-Ranga	T-bar Red	88	IS107083-107199	None	Desember	River Botnsa	
STR	?	Kelts	H	Eystri-Ranga	T-bar Blue	6	IS88141-88146	None	Desember	River Botnsa	
STR	?	Kelts	W	Botnsa	T-bar Green	6	IS104050-104055	None	May	River Botnsa	

* **IFF**: Institute of Freshwater Fisheries* **RAC**: Local River Association and fishermen* **STR**: Salmon and Trout Research (Laxfiskar ehf)** **DCWT** =Decimal coded wire tag, **ADC**=adipose fin clip, **DST**=Active Data Storage Tag, **PSAT**=Pop-up Satellite Archival Tags*** **H**: Hatchery, **W**: Wild

3.4 Ireland

Primary tag or mark												
Microtag		External mark	Adipose Fin clip only		Total							
Hatchery Adults												
Hatchery Juvenile	223463				223463							
Wild Adults												
Wild Juvenile	7459				7459							
Marking Agency	Age	Life stage	H/W	Stock Origin	Primary tag or Mark	Number marked	Code or serial number	Secondary mark or tag	Release date	Release Location	Comment	Tagging date
Marine Institute	1+	smolt	H	BALLYSHANNON	CWT	6489	64751	Finclip	Mar/April 2013	ERNE RIVER		07/11/2012
Marine Institute	1+	smolt	H	BALLYSHANNON	CWT	6524	64752	Finclip	Mar/April 2013	ERNE RIVER		15/11/2012
Marine Institute	1+	smolt	H	CARRIGADROHID	CWT	7142	64753	Finclip	Mar/April 2013	LEE RIVER		20/11/2012
Marine Institute	1+	smolt	H	CONG	CWT	10000	64769	Finclip	Mar/April 2013	CONG RIVER		06/02/2013
Marine Institute	1+	smolt	H	CONG	CWT	10000	64770	Finclip	Mar/April 2013	CONG RIVER		31/01/2013
Marine Institute	1+	smolt	H	CONG	CWT	10000	64771	Finclip	Mar/April 2013	CONG RIVER		13/02/2013
Marine Institute	1+	smolt	H	CONG	CWT	10005	64772	Finclip	Mar/April 2013	CONG RIVER		20/02/2013
Marine Institute	1+	smolt	H	CONG	CWT	10000	64773	Finclip	Mar/April 2013	CONG RIVER		27/02/2013
Marine Institute	1+	smolt	H	CONG	CWT	10000	64767	Finclip	Mar/April 2013	CORRIB RIVER		22/01/2013
Marine Institute	1+	smolt	H	CONG	CWT	5023	64766	Finclip	Mar/April 2013	ERRIFF RIVER		22/01/2013
Marine Institute	1+	smolt	H	CONG	CWT	5000	64768	Finclip	Mar/April 2013	ERRIFF RIVER		22/01/2013
Marine Institute	1+	smolt	H	DELPHI	CWT	11255	64762	Finclip	Mar/April 2013	BUNDORRAGHA RIVER		18/01/2013
Marine Institute	1+	smolt	H	DELPHI	CWT	10843	64763	Finclip	Mar/April 2013	BUNDORRAGHA RIVER		22/01/2013
Marine Institute	1+	smolt	H	DELPHI	CWT	11508	64764	Finclip	Mar/April 2013	BUNDORRAGHA RIVER		25/01/2013
Marine Institute	1+	smolt	H	DELPHI	CWT	11305	64765	Finclip	Mar/April 2013	BUNDORRAGHA RIVER		13/02/2013
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	4406	64754	Finclip	Mar/April 2013	BURRISHOOLE RIVER		08/01/2013
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	4516	64755	Finclip	Mar/April 2013	BURRISHOOLE RIVER		10/01/2013
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	4528	64756	Finclip	Mar/April 2013	BURRISHOOLE RIVER		14/01/2013
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	4558	64757	Finclip	Mar/April 2013	BURRISHOOLE RIVER		15/01/2013
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	4610	64758	Finclip	Mar/April 2013	BURRISHOOLE RIVER		16/01/2013
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	7033	64759	Finclip	Mar/April 2013	BURRISHOOLE RIVER		17/01/2013
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	3022	64760	Finclip	Mar/April 2013	BURRISHOOLE RIVER		21/01/2013
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	3592	64761	Finclip	Mar/April 2013	BURRISHOOLE RIVER		22/01/2013
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	11056	64775	Finclip	Mar/April 2013	BURRISHOOLE RIVER		05/02/2013
Marine Institute	1+	smolt	H	PARTEEN	CWT	10292	64748	Finclip	Mar/April 2013	SHANNON RIVER		24/10/2012
Marine Institute	1+	smolt	H	PARTEEN	CWT	10598	64749	Finclip	Mar/April 2013	SHANNON RIVER		30/10/2012
Marine Institute	1+	smolt	H	PARTEEN	CWT	10718	64750	Finclip	Mar/April 2013	SHANNON RIVER		05/11/2012
Marine Institute	1+	smolt	H	SCREEBE	CWT	9440	64774	Finclip	Mar/April 2013	SCREEBE RIVER		06/03/2013
Marine Institute	1+	smolt	W	CORRIB WILD	CWT	7459	64776	Finclip	May 2014	CORRIB River		30/05/2013

3.5 Norway

Primary Tag or Mark				
Origin	Microtag	External tag or mark	Adipose clip	Other internal
Hatchery Adult			9	
Hatchery Juvenile		55957	9879	
Wild Adult			325	
Wild Juvenile		1162	1501	
				68,833

Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number Marked	Code or Serial	Secondary Tag or Mark	Release Date	Release Location	Comment
IMR		Smolt	H	Dale river	CWT	2010	59/02/14 13183-16963	Adipose clip	30/04/2013	Stanghelle, Osterfjord, 60° 32.991N 5° 43.74E	Untreated
IMR		Smolt	H	Dale river	CWT	1038	59/02/14 16967-19100	Adipose clip	30/04/2013	Stanghelle, Osterfjord, 60° 32.991N 5° 43.74E	Treated against salmon louse
IMR		Smolt	H	Dale river	CWT	972	59/02/27 134-1915	Adipose clip	30/04/2013	Stanghelle, Osterfjord, 60° 32.991N 5° 43.74E	Treated against salmon louse
IMR		Smolt	H	Dale river	CWT	2211	59/02/27 1921-5475	Adipose clip	15/05/2013	Stanghelle, Osterfjord, 60° 32.991N 5° 43.74E	Untreated
IMR		Smolt	H	Dale river	CWT	2217	59/02/27 5478-9059	Adipose clip	15/05/2013	Stanghelle, Osterfjord, 60° 32.991N 5° 43.74E	Treated against salmon louse
IMR		Smolt	H	Dale river	CWT	2217	59/02/27 9062-12667	Adipose clip	16/05/2013	Breistein/Hylkje, 60° 26.90N 5° 27.72E	Untreated
IMR		Smolt	H	Dale river	CWT	2218	59/02/27 12670-16295	Adipose clip	16/05/2013	Breistein/Hylkje, 60° 26.90N 5° 27.72E	Treated against salmon louse
IMR		Smolt	H	Dale river	CWT	1458	59/02/27 16304-19100	Adipose clip	31/05/2013	Stanghelle, Osterfjord, 60° 32.991N 5° 43.74E	Untreated
IMR		Smolt	H	Dale river	CWT	760	59/02/28 133-1359	Adipose clip	31/05/2013	Stanghelle, Osterfjord, 60° 32.991N 5° 43.74E	Untreated
IMR		Smolt	H	Dale river	CWT	2218	59/02/28 1363-4940	Adipose clip	31/05/2013	Stanghelle, Osterfjord, 60° 32.991N 5° 43.74E	Treated against salmon louse
IMR		Smolt	H	Dale river	CWT	2215	59/02/28 4943-8518	Adipose clip	01/06/2013	Breistein/Hylkje, 60° 26.90N 5° 27.72E	Untreated
IMR		Smolt	H	Dale river	CWT	318	59/02/28 12651-13170	Adipose clip	01/06/2013	Breistein/Hylkje, 60° 26.90N 5° 27.72E	Untreated
IMR		Smolt	H	Dale river	CWT	2550	59/02/28 8519-12647	Adipose clip	01/06/2013	Breistein/Hylkje, 60° 26.90N 5° 27.72E	Treated against salmon louse
IMR		Smolt	H	Etne river	CWT	1960	59/02/11 15577-19100	Adipose clip	14/05/2013	Etnefjord, west Norway	Untreated
IMR		Smolt	H	Etne river	CWT	2050	59/02/12 103-3396	Adipose clip	14/05/2013	Etnefjord, west Norway	Untreated
IMR		Smolt	H	Etne river	CWT	3830	59/02/12 3399-9602	Adipose clip	14/05/2013	Etnefjord, west Norway	Treated against salmon louse
IMR		Smolt	H	Etne river	CWT	3710	59/02/12 9618-15653	Adipose clip	05/06/2013	Etnefjord, west Norway	Treated against salmon louse
IMR		Smolt	H	Etne river	CWT	120	59/02/14 12970-13178	Adipose clip	05/06/2013	Etnefjord, west Norway	Treated against salmon louse
IMR		Smolt	H	Etne river	CWT	2060	59/02/12 15655-19100	Adipose clip	05/06/2013	Etnefjord, west Norway	Untreated
IMR		Smolt	H	Etne river	CWT	1840	59/02/14 9959-12968	Adipose clip	05/06/2013	Etnefjord, west Norway	Untreated
NINA	1	Smolt	H	Eira	PIT	2303	900196000031016-900212000043017	Adipose clip	22.05.13	Eira river	
NINA	1	Smolt	H	Eira	PIT	502	945000000859566-945000001089534	Adipose clip	22.05.13	Eira river	
NINA	2	Smolt	H	Eira	PIT	1671	900196000032016-900196000034015	Adipose clip	22.05.13	Eira river	
NINA	2	Smolt	H	Eira	PIT	1303	945000000859417-945000001089524	Adipose clip	22.05.13	Eira river	
NINA	2	smolt	H	Eira	Carlin	3000	NM-3000-5999		25/05/2013	Eira	
NINA		smolt	W	Imsa	Carlin	635	NL-86189-86845			Imsa/hedenfor fella	
NINA		adult	H	Imsa	Lea	9	X 97714-98000			Imsa/ovenfor fella	
NINA		adult	W	Various	Lea	293	X 97108-97400			Mølnbukt	
NINA		adult	W	Various	Lea	25	X 98201-98225			Mølnbukt	
NINA		adult	W	Various	Lea	7	X 98826-98832			Mølnbukt	
NINA	1	smolt	H	Lone	Carlin	1955	NO- 0-1999		21.05.13	Imsa/hedenfor fella	
NINA	1	smolt	H	Imsa	Carlin	2461	NO-2000-4499		21.05.13	Imsa/hedenfor fella	
NINA	1	smolt	H	Imsa	Carlin	2463	NO-4500-6999		21.05.13	Imsa/hedenfor fella	
NINA		smolt	W	Figgjo	Carlin	866	NL-88000-88865			Figgjo	
NINA	1	Smolt	H	Imsa	PIT	96	945.000000480674-945.000000541787	Adipose clip	24/05/2013	Imsa/ovenfor fella	
NINA	1	Smolt	H	Imsa	PIT	639	982.000180974217-982.000180997916	Adipose clip	24/05/2013	Imsa/ovenfor fella	
NINA	2	Smolt	H	Surna	PIT	5000	900196000026000 - 900196000031000	Adipose clip	8-23.05.13	Surna	
NINA	Various	Smolt	W	Surna	PIT		1162 212000030004 - 900212000030403 and 900212000028004 - 900212000028803	Adipose clip	09.05-18.06.13	Surna	
NINA	2	Smolt	H	Bævre	PIT		6471:12000036000 - 900212000040000 and 900212000044000 - 900212000051000	Adipose clip	23-24.05.13	Bævre	

		Primary Tag or Mark									
Origin		Microtag ¹	External tag ²	Adipose clip ³	Total						
Hatchery Adult					0						
Hatchery Juvenile				1,509,868	1,509,868						
Wild Adult			1,406		1,406						
Wild Juvenile					0						
Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number Marked	Code or Serial	Secondary Tag or Mark	Release Date	Release Location	Comment
PINRO	1SW-3SW	adult	W	Ponoi River	Floy T-Bar	879	25151-40999		May-September	Ponoi River	Catch-and-Release Fishery
PINRO	1SW-2SW	kelt	W	Ponoi River	Floy T-Bar	16	25210-25997		May	Ponoi River	Catch-and-Release Fishery
PINRO	1SW-3SW	adult	W	Tuloma River	Floy T-Bar	212	33401-34000		June - July	Tuloma River	
PINRO	1SW-4SW	adult	W	Kharlovka River	Floy Dart	98	5005-5193		June - July	Kharlovka River	Catch-and-Release Fishery
PINRO	1SW-3SW	adult	W	Rynda River	Floy Dart	107	5301-5871		June - July	Rynda River	Catch-and-Release Fishery
PINRO	1SW-4SW	adult	W	Eastern Litsa River	Floy Dart	94	5514-5700		June - July	Eastern Litsa River	Catch-and-Release Fishery
Murmanrybvod											
Umbsky hatchery	1.	parr	H	Umba River	AD	348,800			April	Umba River	
Knyzhegubsky hatchery	1.	parr	H	Kola River	AD	204,600			April-May	Kola River	
Knyzhegubsky hatchery	1.	parr	H	Kola River	AD	215,700			April-May	Akkim	
Kandalakhsy hatchery	1.	parr	H	Kola River	AD	263,490			April-May	Kola River	
Kandalakhsy hatchery	1.	parr	H	Kola River	AD	60,000			April-May	Annama	
Sevrybvod											
Solzensky hatchery	1.-2.	parr	H	Solza River	AD	150,000			February-March	Solza River	
Onezhsky hatchery	2.	parr	H	Koja River	AD	79,100			February-March	Koja River	
Karelybvod											
Wygskiy hatchery	2.	parr	H	Keret River	AD	144,912			April	Keret River	
Wygskiy hatchery	2.	parr	H	Suma River	AD	23,566			April	Suma River	
Wygskiy hatchery	2.	parr	H	Wyg River	AD	19,700			April	Wyg River	
¹ Microtag - cwts											
² External tag - other external tags (Carlin, streamer, spaghetti, VIE...)											
³ Adipose clip - adipose clipped fish											

3.7 Spain

Marking Season: 2013

Country: Asturias (Spain)

Primary Tag or Mark				SPAIN (Asturias)
Origin	Microtag	External mark	Adipose clip	
Hatchery Adult	0			
Hatchery Juvenile	0	65,065	ADC	
Wild Adult				
Wild Juvenile				
			Total	
			65,065	

Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number Marked	Code or Serial	Secondary Tag or Mark	Release Date	Release Location	Comment
Asturias	0+	PARR	H	Sella	Adipose clip	12500	NO	ADC	24/10/2013	Sella	
Asturias	0+	PARR	H	Cares	Adipose clip	7500	NO	ADC	18/09/2013	Cares	
Asturias	0+	PARR	H	Narcea	Adipose clip	7175	NO	ADC	31/10/2013	Pigueña (Narcea)	
Asturias	0+	PARR	H	Narcea	Adipose clip	12510	NO	ADC	20/10/2013	Narcea	
Asturias	0+	PARR	H	Narcea	ADC	12000	NO	ADC	03/10/2013	Narcea	
Asturias	0+	PARR	H	Narcea	ADC	13380	NO	ADC	22/10/2013	Narcea	

3.8 Sweden

Origin	Primary Tag or Mark				Total
	Microtag	External tag or mark	Adipose clip	Other internal	
Hatchery Adult					0
Hatchery Juvenile		4,000	159,544		159,544
Wild Adult					0
Wild Juvenile		500			500
					160,044

Note: 159544 salmon with adipose clip, whereof 4000 also with Carlin tag.

Marking Agency	Age	Life Stage	HW	Stock Origin	Primary Tag or Mark	Number Marked	Code or Serial	Secondary Tag or Mark	Release Date	Release Location	Comment
Statkraft (Water power co)	1 year	Smolt	Hatchery	River Lagan	Carlin	1000		Adipose	May 2014	River Lagan	Hatchery releases according to court decision.
Statkraft (Water power co)	2 year	Smolt	Hatchery	River Lagan	Carlin	1000		Adipose	May 2014	River Lagan	Hatchery releases according to court decision.
Statkraft (Water power co)	1 year	Smolt	Hatchery	River Lagan	Carlin	1000		Adipose	May 2014	River Nissan	Hatchery releases according to court decision.
Statkraft (Water power co)	2 year	Smolt	Hatchery	River Lagan	Carlin	1000		Adipose	May 2014	River Nissan	Hatchery releases according to court decision.
Swedish Univ. Agricultural Sciences	1-3 years	Smolt	Wild	River Högvadsån (index river)	Carlin	500			April May 2014	River Högvadsån	<i>Index river</i>
Statkraft (Water power co)	1 year	Smolt	Hatchery	River Lagan	Adipose	61598			May 2014	River Lagan	Hatchery releases according to court decision.
Statkraft (Water power co)	2 year	Smolt	Hatchery	River Lagan	Adipose	24668			May 2014	River Lagan	Hatchery releases according to court decision.
Statkraft (Water power co)	1 year	Smolt	Hatchery	River Lagan	Adipose	20255			May 2014	River Nissan	Hatchery releases according to court decision.
Statkraft (Water power co)	2 year	Smolt	Hatchery	River Lagan	Adipose	5627			May 2014	River Nissan	Hatchery releases according to court decision.
Vattenfall (Water power co)	1 year	Smolt	Hatchery	River Göta älv	Adipose	25970			May 2014	River Göta älv	Hatchery releases according to court decision.
Vattenfall (Water power co)	2 year	Smolt	Hatchery	River Göta älv	Adipose	17426			May 2014	River Göta älv	Hatchery releases according to court decision.

3.9 UK (England & Wales)

Totals	Primary Tag or Mark				Total
	Origin	Microtag	External Mark	Adipose Clip Other internal [a]	
	Hatchery juvenile			119,125	119,125
	Wild juvenile	7,942		10,733	18,675
	Adult		276	103	379
	Total fish marked	7,942	276	129,858	138,179

Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number marked	Code or Serial	Secondary Tag or Mark	Release date	Release Location
EA North East	Various	Adult	W	Tyne	Floy tag	233	Green 1451 - 2000	None	Nov - Dec 2013	Tyne & tributaries
Natural Resources Wales	Various	Smolt	W	Dee (Worthenbury)	CWT	705	01/42/97	Adipose	May-13	Dee - Worthenbury
Natural Resources Wales	Various	Smolt	W	Dee (Ceiriog)	CWT	1,844	01/42/88	Adipose	Apr-May 2013	Dee - Ceiriog
Natural Resources Wales	0+	Parr	H	Dee	Adipose clip	13,488		None	Jan 2013	Dee - Celyn
Natural Resources Wales	0+	Parr	H	Dee	Adipose clip	4,000		None	Feb 2013	Dee - Ceirw
Natural Resources Wales	1+	Parr	H	Dee	Adipose clip	2,000		None	Mar 2013	Dee at Corwen
Natural Resources Wales	1+	Parr	H	Dee	Adipose clip	10,000		None	June 2013	Upper Dee main river
Natural Resources Wales	1+	Parr	H	Dee	Adipose clip	15,725		None	June 2013	Dee - Celyn Trap
Natural Resources Wales	1+	Parr	H	Dee	Adipose clip	11,500		None	Jul 2013	Dee - Celyn Trap
Natural Resources Wales	0+	Parr	H	Dee	Adipose clip	1,500		None	Oct 2013	Dee - Afon Lliw (Buarthmeini)
Natural Resources Wales	0+	Parr	H	Dee	Adipose clip	4,230		None	Oct 2013	Dee - Pen Aran
Natural Resources Wales	0+	Parr	H	Dee	Adipose clip	2,900		None	Oct 2013	Dee - Afon Aberbleiddyn
Natural Resources Wales	0+	Parr	H	Dee	Adipose clip	6,890		None	Oct 2013	Dee - Afon Mynach/Nant Gae
Natural Resources Wales	0+	Parr	H	Dee	Adipose clip	3,567		None	Nov 2013	Dee - Nant Rhyd Wen
Natural Resources Wales	0+	Parr	H	Dee	Adipose clip	3,567		None	Nov 2013	Dee - Little Dee/Afon Lliw
Natural Resources Wales	1+	Parr	H	Mawddach	Adipose clip	3,594		None	Feb 2013	Mawddach - Bronaber pond
Natural Resources Wales	1+	Parr	H	Mawddach	Adipose clip	8,700		None	Mar 2013	Mawddach - upper tributaries
Natural Resources Wales	0+	Parr	H	Mawddach	Adipose clip	3,000		None	Oct 2013	Mawddach - Rhyd y mani pond
Natural Resources Wales	0+	Parr	H	Mawddach	Adipose clip	3,000		None	Oct 2013	Mawddach - Bronaber pond
Natural Resources Wales	0+	Parr	H	Mawddach	Adipose clip	3,000		None	Oct 2013	Upper Mawddach / Gain
Natural Resources Wales	1+	Smolt	H	Wye	Adipose clip	4,802		None	May-Jun 2013	Wye - Nant Gwyn Pond
Natural Resources Wales	1+	Smolt	H	Wye	Adipose clip	13,662		None	May-Jun 2013	Wye - Hardwicke Pond
Natural Resources Wales	Various	Adult	W	Taff	Floy tag	40	Various (orange)	Radio tag	Aug - Sept 2013	Taff
Cefas	Various	Parr	W	Itchen	Adipose clip	289	DC003Cxxxx/DC0040xxxx/DC0041xxxx	PIT tag	09/Oct/2013	Itchen
Cefas/GWCT	Various	Parr	W	Frome	Adipose clip	10,444	DC00xxxxxx	PIT tag	Sept 2013	Frome
Cefas/GWCT	Various	Smolt	W	Frome	CWT [b]	381	01/42/89	Adipose clip	Apr-May 2013	Frome
Cefas	Various	Adult	W	Tees	Acoustic tag	76	1074639-1074661 & 1077727-1077781	Anchor tag	Apr-Nov 2013	Tees
Cefas	Various	Adult	W	Tees	Anchor tag	3	E90005, E90009 & E1173	None	Jul-Oct 2013	Tees
Cefas	Various	Smolt	W	Tamar	CWT	5,012	01/42/32	Adipose clip	Apr 2013	Tamar
Cefas	Various	Smolt	W	Frome	Acoustic tag	20	5585-5634	None	Apr 2013	Frome
Cefas	Various	Adult	W	Frome	Acoustic tag	7	9629-9638	None	Jul 2013	Frome

Notes: [a] Includes PIT and radio/acoustic tags.

[b] Most CWT smolts on the Frome had previously been PIT tagged as juveniles.

3.10 UK (Northern Ireland)

Origin	Primary Tag or Mark				Total
	Microtag	External tag or mark	Adipose clip	Other internal	
Hatchery Adult					0
Hatchery Juvenile	20237		60,384		80,621
Wild Adult					0
Wild Juvenile					0
					80,621

Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number Marked	Code or Serial	Secondary Tag or Mark	Release Date	Release Location	Comment
AFBI	1+	Smolt	H	River Bush	CWT	10067	43/01/28	AD	02-May-13	River Bush	
AFBI	2+	Smolt	H	River Bush	CWT	10170	43/01/27	AD	16-Apr-13	River Bush	
AFBI	2+	Smolt	H	River Bush		22752		AD	09-April-13 - 15-April-13	River Bush	
AFBI	1+	Smolt	H	River Bush		37632		AD	18-Apr-13	River Bush	
						80621					

3.11 UK (Scotland)

Origin	Primary Tag or Mark				Total
	Microtag ¹	External tag or mark ²	Adipose clip ³	Other internal ⁴	
Hatchery Adult	0	0	0	0	0
Hatchery Juvenile	0	0	102863	0	102863
Wild Adult	0	462	0	99	561
Wild Juvenile	1989	0	0	3489	5478
	1989	462	102863	3588	108902

Marking Agency	Age	Life Stage	HW	Stock Origin	Primary Tag or Mark	Number Marked	Code or Serial	Secondary Tag or Mark	Release Date	Release Location	Comment
Cromarty Firth Fishery Board	Mainly S2 & S3	Smolt	W	River Bran	PIT tag	1000	Individual codes in MSS database	Adipose fin clip	April & May 2013	River Conon	
Cromarty Firth Fishery Board	Mainly S2 & S3	Smolt	W	River Blackwater	PIT tag	1800	Individual codes in MSS database	Adipose fin clip	April & May 2013	River Blackwater	Linked to University of Glasgow PhD project
Marine Scotland Science (MSS)	2 to 4	Smolt	W	River North Esk	PIT tag	456	Various, non-sequential	Adipose fin clip	April & May 2013	River North Esk	
MSS	2 to 3	Adult	W	Various (caught in coastal nets - Esk district)	Radio tag	38	Various, from 1 to 185	None	March to April 2013	At sea - Esk district	Transmitting at 173.845MHz
MSS	2 to 3	Adult	W	River South Esk	Radio tag	22	Various, from 5 to 122	None	March to April 2013	River South Esk, Kinnaird	Transmitting at 173.845MHz
MSS	Mainly 2 SW	Adult	W	Various	Satellite tag	50	128068 to 128117	Carlin tag (A51000-A51053)*	May to June 2013	Armadale (North Coast)	* 4 Carlin tags missing
MSS	1, 2, 3 & 4	Parr	W	Gimnock Burn	Microtag / Sid	1989	62/50/28	Adipose fin clip	07/01/2013 to 16/12/2013	Gimnock Burn	
MSS	1, 2 & 3 SW	Adult	W	Gimnock Burn	Floy tag	31		None	19/10/2013 to 06/12/2013	Gimnock Burn	
MSS	1, 2 & 3 SW	Adult	W	Baddoch Burn	Floy tag	66		None	15/10/2013 to 16/11/2013	Baddoch Burn	
MSS	2+	Smolt	W	River Shieldaig	PIT tag	41	Individual codes	Adipose fin clip	15/04/2013 to 15/05/2013	Shieldaig trap downstream	
MSS	2+	Prec. parr	W	River Shieldaig	PIT tag	1	Individual code	Adipose fin clip	13/11/2013	Shieldaig trap downstream	
MSS		2.1 Grilse	W	River Shieldaig	PIT tag	1	Individual code	Adipose fin clip	19/08/2013	Shieldaig trap upstream	
Ness & Beaulieu Fisheries Trust		Adult	W	River Ness system	Floy tag - Orange	20	Starts 001, Ends 200.	None	2013	River Ness system	Trial tagging only in 2013. Tags marked NBFT. Tel: 01463 783505
River Hellisdale		Adult	W	Melvich bag nets	Floy tag - Brown	48	251 to 275 and 326 to 350	None	June to August 2013	Melvich Bay	Bag net catch & release programme. Tel: 01641 521446
River Lochy Association		Smolt	H	River Lochy	Adipose fin clip	25000		None	May 2013	River Lochy	
River Naver Fisheries		Adult	W	River Naver, Sutherland	Floy Tag - Grey	110	1 to 600	None	19/03/2013 to 23/09/2013	River Naver	Rod & line catch & release programme. Tel: 01641 521446
River Naver Fisheries		Adult	W	River Mudale, Sutherland	Floy Tag - Orange	15	451 to 467	None	06/11/2013 and 27/11/2013	River Mudale	Released broodstock from Telford Hatchery. Tel: 01641 521446
Spey Foundation	Adult	Kelt	W	River Spey	Floy tag - Yellow	85	3755-3839	None	01/11/2013	River Spey	Hatchery broodstock released after stripping
Spey Foundation	0+	Fry	H	River Spey	Adipose fin clip	40000		None	01/09/2013	Tormore burn, River Spey	
Tay District Salmon Fisheries Board	0+	Parr	H	River Tay	Adipose fin clip	20827		None	01/10/2013	River Braan	
Tay District Salmon Fisheries Board	0+	Parr	H	River Tay	Adipose fin clip	12730		None	01/10/2013	River Lyon	
Tay District Salmon Fisheries Board	0+	Parr	H	River Tay	Adipose fin clip	4306		None	01/10/2013	River Lochay	
Tweed Foundation		Adult	W	River Tweed	Floy tag - Yellow	37	Non-sequential	None	June to September 2013	Paxton Netting Station, River Tweed	Upstream migrants
University of Glasgow	2+ to 3+	Smolt	W	River Don	PIT tag	18	Individual codes	None	May 2013	Keig	
University of Glasgow		Adult	W	River Don	Radio tag & PIT tag	20	Individual codes	Floy tag / Dye mark & Adipose fin clip	August to November 2013	Kernay	
University of Glasgow		Adult	W	River Don	PIT tag	4	Individual codes	Floy tag & adipose fin clip	August to November 2013	Kernay	
University of Glasgow	1+ to 2+	Parr	W	River Don	PIT tag	138	Individual codes	Adipose fin clip	October to November 2013	Keig	
University of Glasgow	1+ to 2+	Parr	W	River Don	PIT tag	12	Individual codes	Adipose fin clip	October to November 2013	Deskry Burn	
University of Glasgow	1+ to 2+	Parr	W	River Don	PIT tag	18	Individual codes	Adipose fin clip	October to November 2013	Deskry burn	
University of Glasgow	1+ to 2+	Parr	W	River Don	PIT tag	5	Individual codes	Adipose fin clip	October to November 2013	Bandley Burn	
University of Glasgow / Don District Salmon Fishery Board		Adult	W	River Don	PIT tag	14	Individual codes	Floy tag & Adipose fin clip	November to December 2013	Sirathdon	

¹ Microtag² External tag or mark - other external tags (Floy, Satellite)³ Adipose clip - adipose clipped fish⁴ Other internal - other large internal tags (PIT, Radio)

3.12 USA

Origin	Primary Tag or Mark				Total
	Microtag	External tag or mark	Adipose clip	Other internal	
Hatchery Adult		2,668		1,150	3,818
Hatchery Juvenile			111,886	1,493	113,379
Wild Adult					0
Wild Juvenile				175	175
					117,372

Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number Marked	Code or Serial	Secondary Tag or Mark	Release Date	Release Location	Comment
DMR		smolt	W	Narraguagus	PIT	6			April 2013	Narraguagus	
NHFGD	1	smolt	H	Merrimack	adipose clip	20367			12-Apr-13	Merrimack	
USGS	1	smolt	H	Penobscot	acoustic	82			16-Apr-13	Penobscot	
USGS	1	smolt	H	Penobscot	acoustic	75			16-Apr-13	Piscataquis	
NHFGD	3	adult	H	Merrimack	FLOY	300			24-Apr-13	Merrimack	Light Blue tag.
NHFGD	3	adult	H	Merrimack	FLOY	72			25-Apr-13	Merrimack	Light Blue tag
NOAA	1	smolt	H	Penobscot	acoustic	71		AD clip	30-Apr-13	Penobscot	
DMR	2	smolt	H	Narraguagus	PIT	13			April-May 2013	Narraguagus	
DMR	2	smolt	W	Narraguagus	PIT	58			April-May 2013	Narraguagus	
DMR	3	smolt	W	Narraguagus	PIT	11			April-May 2013	Narraguagus	
DMR		smolt	W	Narraguagus	PIT	100			May 2013	Narraguagus	
USGS	1	smolt	H	Penobscot	acoustic	10			1-May-13	Penobscot	
USGS	1	smolt	H	Penobscot	PIT	60			1-May-13	Penobscot	
Normandeau	1	smolt	H	Penobscot	radio	20			3-May-13	Androscoggin	dummy tags
Normandeau	1	smolt	H	Penobscot	radio	161			3-May-13	Androscoggin	
Normandeau	1	smolt	H	Penobscot	radio	40			3-May-13	Kennebec	dummy tags
Normandeau	1	smolt	H	Penobscot	radio	586			3-May-13	Kennebec	
HDR	1	smolt	H	Penobscot	radio	300			10-May-13	Androscoggin	
NOAA	1	smolt	H	Penobscot	acoustic	75		AD clip	14-May-13	Penobscot	
DMR	4	adult	H	Penobscot	radio	2		PIT/AD punch	18-Jun-13	Androscoggin	
USFWS	0	parr	H	Sheepscot	adipose clip	13951			16-Sep-13	Sheepscot	
NHFGD	2	adult	H	Merrimack	FLOY	500			1-Oct-13	Merrimack	Gray tag
NHFGD	2	adult	H	Merrimack	FLOY	996			2-Oct-13	Merrimack	Variable colors
EMARC	0	parr	H	East Machias	adipose clip	77568			7-Nov-13	East Machias	
NHFGD	3	adult	H	Merrimack	FLOY	400			7-Nov-13	Merrimack	Variable color tag.
NHFGD	3	adult	H	Merrimack	FLOY	400			13-Nov-13	Merrimack	Variable color
USFWS	3	adult	H	Sheepscot	PIT	81		double UC punch	18-Nov-13	Sheepscot	
USFWS	4	adult	H	Sheepscot	PIT	43		double UC punch	18-Nov-13	Sheepscot	
USFWS	5	adult	H	Sheepscot	PIT	18		double UC punch	18-Nov-13	Sheepscot	
USFWS		adult	H	Penobscot	PIT	369			21-Nov-13	Penobscot	
USFWS	4	adult	H	Dennys	PIT	19		double UC punch	26-Nov-13	Dennys	
USFWS	5	adult	H	Dennys	PIT	5		double UC punch	26-Nov-13	Dennys	
USFWS	4	adult	H	East Machias	PIT	37		double UC punch	26-Nov-13	East Machias	
USFWS	5	adult	H	East Machias	PIT	37		double UC punch	26-Nov-13	East Machias	
USFWS	3	adult	H	Machias	PIT	113		double UC punch	5-Dec-13	Machias	
USFWS	4	adult	H	Machias	PIT	39		double UC punch	5-Dec-13	Machias	
USFWS	5	adult	H	Machias	PIT	49		double UC punch	5-Dec-13	Machias	
USFWS	3	adult	H	Narraguagus	PIT	118		double UC punch	5-Dec-13	Narraguagus	
USFWS	4	adult	H	Narraguagus	PIT	32		double UC punch	5-Dec-13	Narraguagus	
USFWS	5	adult	H	Narraguagus	PIT	64		double UC punch	5-Dec-13	Narraguagus	
USFWS	3	adult	H	Pleasant	PIT	65		double UC punch	5-Dec-13	Pleasant	
USFWS	4	adult	H	Pleasant	PIT	31		double UC punch	5-Dec-13	Pleasant	
USFWS	5	adult	H	Pleasant	PIT	28		double UC punch	5-Dec-13	Pleasant	

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

COUNTRY	INSTITUTION	ADDRESS
Denmark	DTU Aqua - National Institute of Aquatic Resources Department of Inland Fisheries Att. Gorm Rasmussen	Vejlsøvej 39 DK-8600 Silkeborg Denmark Email gr@aqua.dtu.dk
France	ONEMA Att. Gilles Euzenat	5, square Félix Nadar, "Le Nadar" Hall C 94300 Vincennes France gilles.euzenat@onema.fr
Iceland	Directorate of Fisheries Att. Sumarliði Óskarsson	Dalshrauni 1 220 Hafnarfjörður Iceland summi@fiskistofa.is
Ireland	Marine Institute Fisheries Ecosystem Advisory Services Att. Niall Ó Maoiléidigh	Farran Laboratory Furnace Newport Co. Mayo Ireland niall.omaoleidigh@marine.ie
Norway	Institute of Marine Research Att. Vidar Wennevik	P.O. Box 1870 Nordnes 5817 Bergen Norway Vidar.Wennevik@imr.no
Russia	Knipovitch Polar Research Institute of Marine Fisheries & Oceanography Att. Sergey Prusov	6 Knipovitch Street 183763 Murmansk Russia prusov@pinro.ru/prusovs@gmail.com
Spain	Sección de Pesca, Gobierno del Principado de Asturias Att. Jeronimo de la Hoz Regules	Sección de Pesca fluvial C/ Coronel Aranda, 3 3º, 33005, Oviedo Spain jeronimodela.hozregules@asturias.org
Sweden	Swedish Board of Fisheries Institute of Freshwater Research Att. Erik Degerman	Pappersbruksallen 22 SE-702 15 Örebro Sweden Erik.degerman@fiskeriverket.se
UK (England & Wales)	Cefas, Lowestoft Laboratory Att. Ian Russell	Pakefield Road, Lowestoft Suffolk NR33 0HT UK ian.russell@cefasc.co.uk
UK (Scotland)	Marine Scotland, Freshwater Laboratory Att. James Orpwood	Faskally Pitlochry Perthshire PH16 5LB UK james.orpwood@marlab.ac.uk

COUNTRY	INSTITUTION	ADDRESS
UK (N Ireland)	Agri-food and Biosciences Institute Att. Dennis Ensing	18a Newforge Lane BT9 5PX Belfast UK Dennis.ensing@afbini.gov.uk
USA	DMR – Bureau of Sea Run Fisheries and Habitat Att. Joan Trial	650 State Street Bangor ME 04401 USA joan.trial@maine.gov