

# ICES WGNAS 2015 ADDENDUM

ICES ADVISORY COMMITTEE

ICES CM 2015/ACOM:09

## ICES Compilation of Microtags, Finclip and External Tag Releases 2014 by the Working Group on North Atlantic Salmon

17–26 March 2015

Moncton, Canada



ICES

International Council for  
the Exploration of the Sea

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## **1 Terms of Reference**

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The Terms of Reference for the 2015 Working Group on North Atlantic Salmon (ICES CM 2015/ACOM:09) stated that the group would:

“provide a compilation of tag releases by country in 2014.”

Data were provided by Working Group members for national tagging programmes, as far as possible including all agencies and organisations. The compilations for 2014 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 2014 – “Hatchery” and “Wild” juvenile refer to smolts and parr.**

Country	Origin	Primary Tag or Mark				Total
		Microtag	External mark <sup>2</sup>	Adipose clip	Other Internal <sup>1</sup>	
Canada	Hatchery Adult	0	2.559	288	1.350	<b>4.197</b>
	Hatchery Juvenile	0	17	328.318	65	<b>328.400</b>
	Wild Adult	0	2.294	0	170	<b>2.464</b>
	Wild Juvenile	0	8.906	17.971	372	<b>27.249</b>
	Total	<b>0</b>	<b>13.776</b>	<b>346.577</b>	<b>1.957</b>	<b>362.310</b>
Denmark	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	102.450	0	328.000	10.000	440.450
	Wild Adult	0	0	0	0	0
	Wild Juvenile	0	0	0	0	0
	Total	<b>102.450</b>	<b>0</b>	<b>328.000</b>	<b>10.000</b>	<b>440.450</b>
France	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile <sup>3</sup>	0	0	469.738	0	469.738
	Wild Adult <sup>3</sup>	620	0	0	0	620
	Wild Juvenile	3.101	3.000	0	0	6.101
	Total	<b>3.721</b>	<b>3.000</b>	<b>469.738</b>	<b>0</b>	<b>476.459</b>
Iceland	Hatchery Adult	0	72	0	0	72
	Hatchery Juvenile	24.755	0	0	0	24.755
	Wild Adult	0	34	0	0	34
	Wild Juvenile	5.357	0	0	0	5.357
	Total	<b>30.112</b>	<b>106</b>	<b>0</b>	<b>0</b>	<b>30.218</b>
Ireland	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	194.102	0	0	0	194.102
	Wild Adult	0	0	0	0	0
	Wild Juvenile	5.164	0	0	0	5.164
	Total	<b>199.266</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>199.266</b>
Norway	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	84.634	3.798	0	0	88.432
	Wild Adult	0	179	0	0	179
	Wild Juvenile	768	3.204	0	0	3.972
	Total	<b>85.402</b>	<b>7.181</b>	<b>0</b>	<b>0</b>	<b>92.583</b>
Russia	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	0	1.532.971	0	1.532.971
	Wild Adult	0	1.751	0	0	1.751
	Wild Juvenile	0	0	0	0	0
	Total	<b>0</b>	<b>1.751</b>	<b>1.532.971</b>	<b>0</b>	<b>1.534.722</b>

Country	Origin	Primary Tag or Mark				Total
		Microtag	External mark <sup>2</sup>	Adipose clip	Other Internal <sup>1</sup>	
Spain	Hatchery Adult	0	0	0	0	<b>0</b>
	Hatchery Juvenile	77.333	0	202.564		<b>279.897</b>
	Wild Adult	0	0	0	0	<b>0</b>
	Wild Juvenile	0	0	0	0	<b>0</b>
	Total	<b>77.333</b>	<b>0</b>	<b>202.564</b>	<b>0</b>	<b>279.897</b>
Sweden	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile <sup>4</sup>	0	4000	167.665	0	171.665
	Wild Adult	0	0	0	0	0
	Wild Juvenile	0	500	0	0	500
	Total	<b>0</b>	<b>4.500</b>	<b>167.665</b>	<b>0</b>	<b>172.165</b>
UK (England & Wales)	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	0	64.121	0	64.121
	Wild Adult	0	630	0	48	678
	Wild Juvenile	1.981	0	9.052	58	11.091
	Total	<b>1.981</b>	<b>630</b>	<b>73.173</b>	<b>106</b>	<b>75.890</b>
UK (N. Ireland)	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	11.664	0	39.606	0	51.270
	Wild Adult	0	0	0	0	0
	Wild Juvenile	0	0	0	0	0
	Total	<b>11.664</b>	<b>0</b>	<b>39.606</b>	<b>0</b>	<b>51.270</b>
UK (Scotland)	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	0	202.373	257	202.630
	Wild Adult	0	282	0	107	389
	Wild Juvenile	3.832	0	281	2.346	6.459
	Total	<b>3.832</b>	<b>282</b>	<b>202.654</b>	<b>2.710</b>	<b>209.478</b>
USA	Hatchery Adult	0	616	0	2.542	3.158
	Hatchery Juvenile	0	92.354	164.815	2.027	259.196
	Wild Adult	0	0	0	0	0
	Wild Juvenile	0	0	0	50	50
	Total	<b>0</b>	<b>92.970</b>	<b>164.815</b>	<b>4.619</b>	<b>262.404</b>
All Countries	Hatchery Adult	0	3.247	288	3.892	7.427
	Hatchery Juvenile	494.938	100.169	3.500.171	12.349	4.107.627
	Wild Adult	620	5.170	0	325	6.115
	Wild Juvenile	20.203	15.610	27.304	2.826	65.943
	Total	<b>515.761</b>	<b>124.196</b>	<b>3.527.763</b>	<b>19.392</b>	<b>4.187.112</b>

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

### 3 Number of tags and marks applied to Atlantic salmon by country for 2014

#### 3.1 Canada

Marking Season:		2014					Country:	
		Primary Tag or Mark						
Origin		Microtag <sup>1</sup>	External tag <sup>2</sup>	Adipose clip <sup>3</sup>	Other Internal <sup>4</sup>	Total		
Hatchery Adult		0	2 559	288	1 350	4 197		
Hatchery Juvenile		0	17	328 318	65	328 400		
Wild Adult		0	2 294	0	170	2 464		
Wild Juvenile		0	8 906	17 971	372	27 249		

  

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
Gulf Region											
Atlantic Salmon Federation	MSW	Kelt	W	Northwest Miramichi	Satellite	11	136017-136027	Acoustic 16305 16315, T bar anchor (FLOY) 18-96	May	Northwest Miramichi	
Atlantic Salmon Federation	MSW	Kelt	W	Northwest Miramichi	Acoustic	10	24832-24836, 9715-9719		May	Northwest Miramichi	
Atlantic Salmon Federation	2+, 3+, 4+	Smolt	W	Northwest Miramichi	Acoustic	48	16316-16346, 13660-13676		May	Northwest Miramichi	
Atlantic Salmon Federation	2+, 3+, 4+	Smolt	W	Northwest Miramichi	Acoustic	2	16347-16348		May	Northwest Miramichi	
Atlantic Salmon Federation	2+, 3+, 4+	Smolt	W	Rocky Brook	Acoustic	80	16213-16252, 16376-16415		May	Rocky Brook	
Atlantic Salmon Federation	2+, 3+, 4+	Smolt	W	Kedgwick	Acoustic	80	16253-16292, 16416-16431		May - June	Kedgwick	Vernco V8, V9
Atlantic Salmon Federation	1SW / MSW	Kelt	W	Restigouche	Acoustic	17	9720-9737, 24807-24809		May	Restigouche	Vernco V16
Buctouche First Nation	1SW / MSW	Adult	W	Buctouche	Carlin - blue	6	BFN00,105-BFN00,110		September - October	Buctouche	
DFO Gulf	1SW / MSW	Adult	W	Margaree	Carlin - blue	47	YY40068-YY40200		October	Northeast Margaree	Broodstock sailing province of NS
DFO Gulf	2+, 3+, 4+	Smolt	W	Kedgwick	Streamer - clear	694	B76001-B76695		May - June	Kedgwick	
DFO Gulf	2+, 3+, 4+	Smolt	W	Restigouche	Streamer - clear	1 100	B70001-B71109		May - June	Restigouche	
DFO Gulf	2+, 3+, 4+	Smolt	W	Upsalquitch	Streamer - clear	43	B62139-B62181		June	Upsalquitch	
DFO Gulf	1SW / MSW	Adult	W	Miramichi	Carlin - blue	1 273	YY34484-YY39510		June - October	Miramichi	Estuarial traps
Esgenoopetit First Nation	1SW / MSW	Adult	W	Tabusintac	Carlin - blue	57	00330-00389		September - November	Tabusintac	Estuarial traps
Miramichi Salmon Association	1SW / MSW	Adult	W	Miramichi	Carlin - blue	161	1101-1262		June - July	Miramichi	Estuarial traps
Miramichi Salmon Association	2+, 3+, 4+	Smolt	W	Northwest Miramichi	Streamer - clear	88	B56913-B57000		May	Northwest Miramichi	RST
Miramichi Salmon Association	2+, 3+, 4+	Smolt	W	Northwest Miramichi	Streamer - clear	185	MSA001001-MSA001109		May	Northwest Miramichi	RST
Miramichi Salmon Association	2+, 3+, 4+	Smolt	W	Cains	Streamer - clear	878	MSA002001-MSA002086		May	Cains	RST
Miramichi Salmon Association / IP Rocky Brook	2+, 3+, 4+	Smolt	W	Rocky Brook	Streamer - clear	86	MSA004001-MSA004086		May - June	Rocky Brook	RST
Miramichi Salmon Association / IP Rocky Brook	2+, 3+, 4+	Smolt	W	Rocky Brook	Streamer - clear	98	B37901-B38000		May	Rocky Brook	RST
Miramichi Salmon Association / IP Rocky Brook	2+, 3+, 4+	Smolt	W	Rocky Brook	Streamer - clear	60	B52941-B53000		May	Rocky Brook	RST
Miramichi Salmon Association / IP Rocky Brook	2+, 3+, 4+	Smolt	W	Rocky Brook	Streamer - clear	750	MSA004101-MSA004050		October	Rocky Brook	RST
Miramichi Salmon Association / NESPA	2+, 3+, 4+	Smolt	W	Big Sevoile	Streamer - clear	100	B60901-B61000		May	Big Sevoile	RST
Miramichi Salmon Association / NESPA	2+, 3+, 4+	Smolt	W	Big Sevoile	Streamer - clear	16	B60702-B60717		May	Big Sevoile	RST
Miramichi Salmon Association / NESPA	2+, 3+, 4+	Smolt	W	Big Sevoile	Streamer - clear	177	MSA000101-MSA000277		May	Big Sevoile	RST
Miramichi Salmon Conservation Center	0+ Fry - first feeding		H	Big Sevoile		37 550			June	Big Sevoile	Distributions
Miramichi Salmon Conservation Center	0+ Fry - first feeding		H	Northwest Miramichi		84 254			June	Northwest Miramichi	Distributions
Miramichi Salmon Conservation Center	0+ Fry - first feeding		H	Little Southwest Miramichi		1 396			July	Little Southwest Miramichi	Distributions
Miramichi Salmon Conservation Center	0+ Fry - first feeding		H	Rocky Brook		21 789			June	Rocky Brook	Distributions
Miramichi Salmon Conservation Center	0+ Fry - first feeding		H	Southwest Miramichi		86 347			June	Southwest Miramichi	Distributions-Jumper
Miramichi Salmon Conservation Center	0+ Fry - first feeding		H	Clearwater		52 741			June	Clearwater	Distributions
Miramichi Salmon Conservation Center	0+ Fry - first feeding		H	Cains		39 300			July	Cains	Distributions
Miramichi Salmon Conservation Center	0+ Fry - first feeding		H	Bunthill		28 534			July	Southwest Miramichi	Distributions-Jumper

## Canada continued.

<b>Maritimes Region</b>											
DFO Maritimes -NS-Coldbrook Biodiversity Facility	2+	Smolt	H	Stewiacke	PIT	30		Dermal punch lower caudal	June	Stewiacke	
DFO Maritimes -NS-Coldbrook Biodiversity Facility	3+	Adult	H	Stewiacke	PIT	74			October	Stewiacke	
DFO Maritimes -NS-Coldbrook Biodiversity Facility	3+	Adult	H	Stewiacke	PIT	55			October	Stewiacke	
DFO Maritimes -NS-Coldbrook Biodiversity Facility	3+	Adult	H	Stewiacke	PIT	144			October	Salmon (Colchester Co.)	
DFO Maritimes -NS-Coldbrook Biodiversity Facility	3+	Adult	H	Gaspereau	PIT	62			October	Gaspereau	
DFO Maritimes -NS-Coldbrook Biodiversity Facility	3+	Adult	H	Gaspereau	PIT	38			October	St.Croix	
DFO Maritimes -NS-Coldbrook Biodiversity Facility	3+	Adult	H	Gaspereau	PIT	95			October	St.Croix	
DFO Maritimes -NS-Coldbrook Biodiversity Facility	3+	Adult	H	Stewiacke	PIT	141			November	Stewiacke	
DFO Maritimes -NS-Coldbrook Biodiversity Facility	3+	Adult	H	Stewiacke	PIT	63			November	Salmon (Colchester Co.)	
DFO Maritimes -NS-Coldbrook Biodiversity Facility	3+	Adult	H	Gaspereau	PIT	68			December	Gaspereau	
DFO Maritimes -NS-Coldbrook Biodiversity Facility	3+	Adult	H	Gaspereau	PIT	59			December	St.Croix	
DFO Maritimes -NS-Assessment/Mikmaw Conservation Group	2+	Smolt	W	Stewiacke	Caudal punch	20		Dermal punch upper caudal	May - June	Stewiacke	
DFO Maritimes -NS-Assessment/Mikmaw Conservation Group	2+	Smolt	H	Stewiacke	Caudal punch	4		Dermal punch upper caudal	May - June	Stewiacke	
DFO Maritimes -NB-Mactaquac Biodiversity Facility	2 yr	Adult	H	Big Salmon	PIT	125		Adipose clip	May	Petitcodiac - Little River	
DFO Maritimes -NB-Mactaquac Biodiversity Facility	1+	Parr	H	Saint John	Adipose clip	26,125			May	Saint John - Tobique	
DFO Maritimes -NB-Mactaquac Biodiversity Facility	2 yr	Adult	H	Big Salmon	Adipose clip	288			May	Big Salmon - mouth	
DFO Maritimes -NB-Mactaquac Biodiversity Facility	0+	Parr	H	Saint John	Adipose clip	182,285			September - October	Saint John - Tobique	
DFO Maritimes -NB-Mactaquac Biodiversity Facility	2 yr	Adult	H	Tobique	V-Notch	751			October	Saint John - Tobique	
DFO Maritimes -NB-Mactaquac Biodiversity Facility	1 yr	Adult	H	Tobique	V-Notch	419			October	Saint John - Tobique	
DFO Maritimes -NB-Mactaquac Biodiversity Facility	2 yr	Adult	H	Big Salmon	PIT	418		Adipose clip	October - November	Petitcodiac - Little River	
DFO Maritimes -NB-Mactaquac Biodiversity Facility	1 yr	Adult	H	Aroostock	T-bar anchor - yellow	250	s06426-450, s06402-425, s02951-975, s02126-150, s02101-125, s02776-799, s06301-325, s02501-525, s06326-348, s06074-075		November	Saint John - Woodstock	
DFO Maritimes -NB-Mactaquac Biodiversity Facility	1 yr	Adult	H	Aroostock	T-bar anchor - yellow	265	s06351-375, s06376-400, s02826-850, s06276-300, s02451-475, s02476-500, s02401-425, s02426-447, s02701-725, s02726-750, s02533-550		November	Saint John - below hatchery	
DFO Maritimes -NB-Mactaquac Biodiversity Facility	2 yr	Adult	H	Aroostock	Garment - yellow	670			November - December	Saint John - below hatchery	
DFO Maritimes -NB-Mactaquac Biodiversity Facility	2 yr	Adult	H	Tobique	Garment - red	182		V-Notch	December	Saint John - below hatchery	
DFO Maritimes -NB-Assessment	1 - 3 yr	Pre-smolt	W	Tobique	Caudal punch	124			October - November	Tobique	3mm punch
DFO Maritimes -NB-Assessment	1 - 3 yr	Pre-smolt	H	Tobique	Caudal punch	9			October - November	Tobique	3mm punch
DFO Maritimes -NB-Assessment	2 - 3 yr	Smolt	W	Nashwaak	Caudal punch	527			April - May	Nashwaak	3mm punch
DFO Maritimes -NB-Assessment	1SW	Adult	W	Nashwaak	Adipose punch	48			June - October	Nashwaak	
DFO Maritimes -NB-Assessment	MSW	Adult	W	Nashwaak	Adipose punch	14			June - October	Nashwaak	
DFO Maritimes -NB-Assessment	1SW	Adult	W	Tobique	Adipose punch	28			June - October	Tobique fishway	
DFO Maritimes -NB-Assessment	1SW	Adult	H	Tobique	Adipose punch	3			June - October	Tobique fishway	
DFO Maritimes -NB-Assessment	MSW	Adult	W	Tobique	Adipose punch	10			June - October	Tobique fishway	
DFO Maritimes -NB-Assessment	MSW	Adult	H	Tobique	Adipose punch	2			June - October	Tobique fishway	
DFO Maritimes -NB-Assessment	1SW	Adult	W	Tobique	Radio	10		Adipose punch	July - October	Tobique fishway	
DFO Maritimes -NB-Assessment	MSW	Adult	W	Tobique	Radio	11		Adipose punch	July - October	6-Tobique Fishway 7-Tob Two Brooks	
DFO Maritimes -NB-Assessment	MSW	Adult	H	Tobique	Radio	2		Adipose punch	July - October	6-Tobique Fishway 7-Tob Two Brooks	
DFO Maritimes -NB-Assessment	1 - 3 yr	Smolt	W	Big Salmon	Caudal punch	120			May	Big Salmon	
DFO Maritimes -NB-Assessment	1SW	Adult	W	Big Salmon	Caudal punch	3			September	Big Salmon	
DFO Maritimes -NB-Assessment	1SW	Adult	H	Big Salmon	Caudal punch	17		Adipose clip	September	Big Salmon	
DFO Maritimes -NB-Assessment	MSW	Adult	W	Big Salmon	Caudal punch	1			September	Big Salmon	
Canadian Rivers Institute	MSW	Adult	W	Saint John	Acoustic	20	17138-17157	Carlin 836-892	September	Saint John - 2km Above Mac Dam	
Canadian Rivers Institute	Kelt	Adult	W	Saint John	Acoustic	19	12377-12395, 22743-22757	Carlin 820-894	September	Saint John - 2km Above Mac Dam	
Canadian Rivers Institute	Kelt	Adult	H	Saint John	Acoustic	6	12377-12395, 22743-22757	Carlin 820-894	September	Saint John - 2km Above Mac Dam	
Canadian Rivers Institute	1 - 3 yr	Smolt	H	Saint John	Acoustic	20	12063, 17114-17137		May	Saint John - 2km Above Mac Dam	
Canadian Rivers Institute	1 - 3 yr	Smolt	W	Saint John	Acoustic	20	17098-17113, 17118-17121	Acoustic	May - June	Saint John - 2km Above Mac Dam	
Canadian Rivers Institute	1 - 3 yr	Pre-smolt	W	Saint John	Acoustic	5	21076-21080		November	Saint John - 2km Above Mac Dam	
Canadian Rivers Institute	1 - 3 yr	Pre-smolt	H	Saint John	Acoustic	15	21061-21062, 21064-21075	Acoustic	December	Saint John - 2km Above Mac Dam	
Hammond River Association	1 - 3 yr	Smolt	W	Hammond	Caudal punch	229			May - June	Hammond	3mm punch

## Canada continued.

							Black(199), Clear(100), Green(48), Blue(168), Orange(141), Pink(99), Red(107), Yellow(122)					
DFO Maritimes -NS-Assessment	2 - 4 yr	Smolt	W	LaHave	Garment - various	984		Caudal clip	May		LaHave	
DFO Maritimes -NS-Assessment	1SW	Adult	W	LaHave	Caudal punch	43			June - October		LaHave	
DFO Maritimes -NS-Assessment	MSW	Adult	W	LaHave	Caudal punch	21			June - August		LaHave	
DFO Maritimes -NS-Assessment	0 - 2 yr	Fry, parr	W	LaHave	Caudal clip	345			August - September		LaHave	
DFO Maritimes -NS-Assessment	0 - 3 yr	Fry, parr	W	St. Mary's	Caudal clip	408			July - September		St. Mary's	
Nova Scotia Salmon Association	2 - 4 yr	Smolt	W	West (SH)	Fin clips	608			April - May		West (SH)	Adipose, anal, and pelvic
Cape Breton University (OTN, Dalhousie University)	2 - 3 yr	Smolt	W	Middle	Acoustic	30			May - June		Middle	Vemco V8, V9
Dalhousie, OTN, and CBU	1SW / MSW	Adult	W	Middle	Acoustic	12	22889-22912		November - December		Middle	Vemco V16
Dalhousie, OTN, and CBU	MSW	Adult	W	Baddeck	Acoustic	8	22888-22904		November		Baddeck	Vemco V16
Nova Scotia Department of Inland Fisheries Division	0+	Parr (fall)	H	Middle	Adipose clip	18,504			December		Middle	
Nova Scotia Department of Inland Fisheries Division	0+	Parr (fall)	H	Baddeck	Adipose clip	12,978			December		Baddeck	
Unama'ki Institute of Natural Resources	2 - 4 yr	Smolt	W	Middle	Caudal clip	203			May - June		Middle	
Unama'ki Institute of Natural Resources	2 - 4 yr	Smolt	H	Middle	Caudal clip	4		Adipose clip	May - June		Middle	Clipped as fry
<b>Quebec</b>												
Atlantic Salmon Federation	2+, 3+, 4+	Smolt	W	Cascapedia	Acoustic	40	13600-13609, 16203-16212, 16356-16375		June		Cascapedia	Vemco V8, V9
INRS-MFFP	1SW / 2SW	Adult	W	Sainte-Marguerite Nord-Est	Acoustic	12	1195939-1195949, 1195964		July - September		Sainte-Marguerite Nord-Est	Vemco V13
MFFP	2+ to 5+	Smolt	W	Saint-Jean (Gaspé)	Adipose clip	11,478			May - June		Saint-Jean (Gaspé)	
MFFP	2+ to 5+	Smolt	W	De la Trinité	Adipose clip	3,001			May - June		De la Trinité	
MFFP	3+ to 6+	Smolt	W	Du Vieux-Fort	Adipose clip	1,753			June - July		Du Vieux-Fort	
MFFP	3+ to 6+	Smolt	W	Du Vieux-Fort	Acoustic	39	15303-15342		June		Du Vieux-Fort	Vemco V8
MFFP	0+	Parr	H	Jacques-Cartier	Adipose clip	21,121			August		Jacques-Cartier	
MFFP	0+ Th	Parr	H	Jacques-Cartier	Adipose clip	9,900			June		Jacques-Cartier	
MFFP	0+	Parr	H	Malbaie	Adipose clip	7,469			August		Malbaie	
MFFP	0+ Th	Parr	H	Des Escoumins	Adipose clip	1,086			June		Des Escoumins	
MFFP	0+	Parr	H	Rimouski	Adipose clip	44958			September		Rimouski	
MFFP	0+ Th	Parr	H	Rimouski	Adipose clip	3892			May - June		Rimouski	
WSP Canada	1SW / MSW	Adult	W	Aquanus	Acoustic	3	420-023, 420-024, 420-025	Streamer - blue, yellow, red	July		Aquanus	Lotek MST-930
WSP Canada	2+ to 5+	Smolt	W	Romaine	Adipose clip	1739			May - June		Romaine	
SRSRB	2+ to 5+	Smolt	W	Betsiamites	Caudal clip	1063			June		Betsiamites	
<b>Newfoundland and Labrador</b>												
Memorial University / DFO NL Region	2+, 3+, 4+	Smolt	W	Campbellton	Acoustic	28	17492-17535	PIT	May		Campbellton	Vemco
Memorial University / DFO NL Region	1SW / MSW	Kelt	W	Campbellton	Acoustic	48	10819-10834, 17499-17551	T-bar anchor - yellow	May		Campbellton	Vemco
DFO NL Region	1SW / MSW	Kelt	W	Campbellton	T-bar anchor - yellow	400	A00426-A00825		May		Campbellton	
DFO NL Region	1SW / MSW	Adult	W	Hunt	T-bar anchor - orange	150	AS000026-AS000491	Radio (n=29)	July - August		Hunt	Lotek radio tags
DFO NL Region	1SW / MSW	Adult	W	St. Lewis	T-bar anchor - orange	21	AS000226-AS000247	Radio (n=20)	July		St. Lewis	Lotek radio tags

<sup>1</sup> Microtag - cwt's<sup>2</sup> External tag - other external tags (Carlin, streamer, spaghetti, VIE...)<sup>3</sup> Adipose clip - adipose clipped fish<sup>4</sup> Other Internal - other large internal tags (PIT, ultrasonic, radio, DST...)

### 3.2 Denmark

Marking season: 2014

Country: Denmark

Totals	Primary Tag or Mark					Total
	Origin	Microtag	External Mark	Adipose Clip	Other internal [a]	
	Hatchery juvenile	102.450		328.000	10.000	440.450
	Wild juvenile					0
	Adult					0
	<b>Total fish marked</b>	<b>102.450</b>	<b>0</b>	<b>328.000</b>	<b>10.000</b>	<b>440.450</b>

Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number marked	Code or Serial	Secondary Tag or Mark	Release date	Release Location
DTU Aqua & DCV	0+	Half yearling	H	Skjern Å / River Skjern Å	Adipose	75.000			Autumn 2014	River Skjern Å
	1+	one year old	H	Skjern Å / River Skjern Å	CWT	82.450		Adipose	Spring 2014	River Skjern Å
	1+ Smolt	one year old	H	Skjern Å / River Skjern Å	CWT	20.000		Adipose	Spring 2014	River Skjern Å
	0+	Half yearling	H	Varde Å / River Varde Å	Adipose	50.000			Autumn 2014	River Varde Å
	1+	one year old	H	Varde Å / River Varde Å	Adipose	29.000			Spring 2014	River Varde Å
	0+	Half yearling	H	Ribe Å / River Ribe Å	Adipose	46.000			Autumn 2014	River Ribe Å
	1+	one year old	H	Ribe Å / River Ribe Å	Adipose	32.000			Spring 2014	River Ribe Å
	0+	Half yearling	H	Stor Å	Adipose	50.500			Autumn 2014	River Rhine
	0+	Half yearling	H	Stor Å	Adipose	45.500			Autumn 2014	River Elbe
	0+	Half yearling	H	Stor Å	Left ventral fin	10.000			Autumn 2014	River Elbe
						440.450				

### 3.3 France

Marking Season: 2014

Country: France

Origin	Primary Tag or Mark				total
	microtag	external mark	adip. clip	other	
Hatchery juvenile			360.738	109000	469738
Wild juvenile	3101	3000 (a)			6101
Adult	620				620
Total fish marked	3721	3000	360.738	109000	476459

a : vis implant

Marking Agency	Age	Stage	HW	Stock Origin	Primary tag or mark	Number	Code or Serial	Secondary tag or mark	Release Date	Release Location	Comment
<b>WEST - Sélune (Oir), Scorff</b>											
INRA 1-ONEMA	2-4 years	adult	W	R.Sée-Séllune	Pit-Tag	20		dye jet	march-dec.	R. Oir	Sélune trib.
INRA 1-ONEMA	0+	parr	W	R.Sée-Séllune	Pit-Tag	600		pelvic fin clip	october	R. Oir	Sélune trib.
FDA PMA 35				R.Couesnon		no				R. Couesnon	stocking halt
FDA PMA 29	1+	smolt	H	R.Aulne	adip.clip	no			march	R. Aulne	
	1+	smolt	H	R.Elorn	adip clip	no			march-april	R. Elorn	(a)
INRA 2	2-5 years	adult	W	R.Scorff	dye jet	600			march-nov.	R.Scorff	
	2-5 years	adult	W	R.Scorff	Pit tag	600					
	1+/2+	smolt	W	R.Scorff	vis. Implant	3.000		Pelvic fin clip	march-may	R.Scorff	
	0+	parr	W	R.Scorff	Pit-Tag	2.000			september	R.Scorff	
	1+	parr	W	R.Scorff	Pit-Tag	500			september	R.Scorff	
	2+	parr	W	R.Scorff	Pit-Tag	1			september	R.Scorff	
<b>CENTRAL- Loire Allier</b>											
CSNS	1+	smolt	H	R.Allier	adip. clip	142.307			february	R.Allier	
	1+	smolt	H	R.Allier	adip. clip	24.777			march	R.Allier	b
	2+	smolt	H	R.Allier	adip. clip	162.119			november	R.Allier	c
	1+	smolt	H	R.Allier	adip. clip				march	R.Arroux	Loire trib.
	1+	smolt	H	R.Allier	adip.clip	37.035			february	R.Gartempe	Loire trib.
<b>SOUTH-WEST- Garonne , Dordogne and Gaves</b>											
MIGADO		fed fry	HW	R.Gar-Dord.	gene ident.	no relevant		dye jet	late july	R.Ariège	Garonne trib.
	1+	smolt	HW	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	
MIGRADOUR		fed fry	HW	R. Gaves	adip.clip	65.000			august	G. de Pau	
INRA 3	2-5 years	adult	W	R.Nivelle	dye jet	no?			march-nov.	R.Nivelle	
<b>EAST- Rhine</b>											
SAUMON RHIN	0+, 5m.	fed fry	H	Rhin	adip.clip	2.470			early july	R.Bruche	Rhine trib.
				Rhin	adip.clip	700			early july	R. Fecht	Rhine trib.
				Rhin	adip.clip	400			early july	R. Lièpvrette	Rhine trib.

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

INRA 3, Station of St Pée sur Nivelle

FDA PMA 35 : Federation of Angling and River Conservation Associations, Ile d'

FDA PMA 29 : Federation of Angling and River Conservation Associations, Finis

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

SAUMON RHIN : Association for Salmon Conservation on river Rhine

MIGADO : association for Salmon Conservation on rivers Garonne and Dordogne

MIGRADOUR : association for Salmon Conservation on rivers Adour and Gaves

## 3.4 Iceland

Marking Season: 2014

Country: Iceland

Origin	Primary Tag or Mark			Total
	Microtag	External mark	Adipose clip	
Hatchery Adult		72		72
Hatchery Juvenile	24,755			24,755
Wild Adult		34		34
Wild Juvenile	5,357			5,357

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
IFF	1+	Smolt	H	Rangár	DVWT	1003	067763Ser	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangár	DVWT	1002	047363Ser	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangár	DVWT	1003	047363Ser	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangár	DVWT	1003	047363Ser	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangár	DVWT	1002	047463Ser	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangár	DVWT	1008	047463Ser	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangár	DVWT	1002	047463Ser	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangár	DVWT	1003	047463Ser	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangár	DVWT	1005	047463Ser	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangár	DVWT	505	047463Ser	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangár	DVWT	504	047463Ser	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangár	DVWT	500	067763Ser	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangár	DVWT	504	047363Ser	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangár	DVWT	1002	067763Ser	ADC	June/July	Ytri-Rangá	
IFF	?	Smolt	W	Vesturdalsá	DVWT	77	047363Ser	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DVWT	79	047363Ser	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DVWT	84	047363Ser	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DVWT	55	047363Ser	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DVWT	27	047363Ser	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DVWT	78	047363Ser	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DVWT	28	047363Ser	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DVWT	4	047363Ser	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Kálfá	DVWT	27	047363Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DVWT	24	047363Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DVWT	5	047363Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DVWT	3	047363Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DVWT	9	047363Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DVWT	20	047363Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DVWT	50	047363Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DVWT	16	047363Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DVWT	18	047363Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DVWT	33	047363Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DVWT	18	047363Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DVWT	18	047363Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DVWT	64	047363Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DVWT	83	047363Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DVWT	102	047363Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DVWT	50	047363Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DVWT	89	047363Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DVWT	110	047363Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DVWT	67	047363Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DVWT	31	047363Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DVWT	11	047363Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DVWT	2	047363Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DVWT	77	047363Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DVWT	24	047363Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DVWT	4	047363Ser	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DVWT	1	047363Ser	ADC	June/July	Kálfá	

## Iceland continued.

STR	?	Smolt	W	Ellíðaár	DVWT	297	047263Ser	ADC	13/5 2014	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DVWT	295	047263Ser	ADC	14/5 2014	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DVWT	193	047263Ser	ADC	15/5 2014	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DVWT	196	047263Ser	ADC	16/5 2014	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DVWT	177	047263Ser	ADC	17/5 2014	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DVWT	399	047263Ser	ADC	18/5 2014	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DVWT	265	046563Ser	ADC	21/5 2014	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DVWT	85	046463Ser	ADC	21/5 2014	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DVWT	472	046463Ser	ADC	22/5 2014	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DVWT	150	046463Ser	ADC	23/5 2014	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DVWT	237	046463Ser	ADC	24/5 2014	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DVWT	203	046463Ser	ADC	25/5 2014	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DVWT	89	046463Ser	ADC	26/5 2014	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DVWT	77	046463Ser	ADC	27/5 2014	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DVWT	202	046463Ser	ADC	28/5 2014	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DVWT	144	046463Ser	ADC	29/5 2014	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DVWT	60	046463Ser	ADC	30/5 2014	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DVWT	70	046463Ser	ADC	31/5 2014	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DVWT	54	046463Ser	ADC	1/6 2014	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DVWT	62	046463Ser	ADC	2/6 2014	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DVWT	27	046463Ser	ADC	3/6 2014	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DVWT	67	046463Ser	ADC	4/6 2014	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DVWT	59	046463Ser	ADC	5/6 2014	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DVWT	89	046463Ser	ADC	6/6 2014	Ellíðaár	
STR	1+	Smolt	H	Eystri-Rangá	DVWT	1008	046763Ser	ADC	June/July	Afall	
STR	1+	Smolt	H	Eystri-Rangá	DVWT	1001	046763Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DVWT	505	046763Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DVWT	500	046763Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DVWT	501	046763Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DVWT	497	046763Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DVWT	518	046763Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DVWT	502	046763Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DVWT	597	046763Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DVWT	515	046763Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DVWT	500	046763Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DVWT	495	046763Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DVWT	507	046763Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DVWT	1001	046763Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DVWT	500	046763Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DVWT	500	046763Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DVWT	523	046763Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DVWT	527	046763Ser	ADC	June/July	Þverá	
STR	1+	Smolt	H	Eystri-Rangá	DVWT	502	066763Ser	ADC	June/July	Eystri-Rangá	
STR	1+	Smolt	H	Eystri-Rangá	DVWT	503	066563Ser	ADC	June/July	Þverá	
STR	1+	Smolt	H	Eystri-Rangá	DVWT	1007	066563Ser	ADC	June/July	Eystri-Rangá	
STR	?	Kelts	W	River Botnsá	T_bar_green	9	IS 81564-81574		May 2014	River Botnsa	
STR	?	Kelts	H	Eystri-Rangá	T_bar_red	72	IS107479-IS107568		Nov 2014	Eystri-Ranga	
RAC	?	Kelts	W	River Húseyjarkvísl	T_bar_green	11	IS105088-IS105099		June/Sept	River Húseyjarkvísl	Catch and Release
RAC	?	Kelts	W	River Húseyjarkvísl	T_bar_green	1	IS105110		June/Sept	River Húseyjarkvísl	Catch and Release
RAC	?	Kelts	W	River Húseyjarkvísl	T_bar_green	13	IS105161-IS105174		June/Sept	River Húseyjarkvísl	Catch and Release

\* 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

\*\*\* H: Hatchery, W: Wild

## 3.5 Ireland

Marking season: 2014

Country:

Ireland

Totals

Origin	Microtag	Primary Tag or Mark			Total
		External Mark	Adipose Clip	Other internal [a]	
Hatchery juvenile	194.102		y		194.102
Wild juvenile	5.164		y		5.164
Adult	0				0
<b>Total fish marked</b>	<b>199.266</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>199.266</b>

Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number marked	Code or Serial	Secondary Tag or Mark	Release date	Release Location
Marine Institute	1+	smolt	H	BALLYSHANNON	CWT	6319		64782	09/04/2014	ERNE RIVER
Marine Institute	1+	smolt	H	BALLYSHANNON	CWT	6094		64781	09/04/2014	ERNE RIVER
Marine Institute	1+	smolt	H	CARRIGADROHID	CWT	11405		64777	07/03/2014	LEE RIVER
Marine Institute	1+	smolt	H	CONG	CWT	10596		64796	26/03/2014	CONG RIVER
Marine Institute	1+	smolt	H	CONG	CWT	10570		64794	26/03/2014	CONG RIVER
Marine Institute	1+	smolt	H	CONG	CWT	10501		64795	26/03/2014	CONG RIVER
Marine Institute	1+	smolt	H	CONG	CWT	10455		64790	26/03/2014	CORRIB RIVER
Marine Institute	1+	smolt	H	CONG	CWT	8000		64797	28/03/2014	CONG RIVER
Marine Institute	1+	smolt	H	CONG	CWT	10535		64791	28/03/2014	CORRIB RIVER
Marine Institute	1+	smolt	H	CONG	CWT	8003		64793	19/04/2014	ERRIFF RIVER
Marine Institute	1+	smolt	H	CONG	CWT	8000		64792	19/04/2014	ERRIFF RIVER
Marine Institute	1+	smolt	H	DELPHI	CWT	8177		74702	23/04/2014	BUNDORRAGHA RIVER
Marine Institute	1+	smolt	H	DELPHI	CWT	8658		74701	23/04/2014	BUNDORRAGHA RIVER
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	4189		64787	01/05/2014	BURRISHOOLE RIVER
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	5680		64788	01/05/2014	BURRISHOOLE RIVER
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	3105		64786	01/05/2014	BURRISHOOLE RIVER
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	6763		64789	01/05/2014	BURRISHOOLE RIVER
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	7247		64784	01/05/2014	BURRISHOOLE RIVER
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	7537		64785	01/05/2014	BURRISHOOLE RIVER
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	7237		64783	01/05/2014	BURRISHOOLE RIVER
Marine Institute	1+	smolt	H	PARTEEN	CWT	9655		64780	15/04/2014	SHANNON RIVER
Marine Institute	1+	smolt	H	PARTEEN	CWT	10716		64779	15/04/2014	SHANNON RIVER
Marine Institute	1+	smolt	H	PARTEEN	CWT	6654		64778	15/04/2014	SHANNON RIVER
Marine Institute	1+	smolt	H	SCREEBE	CWT	8006		74703	19/04/2014	SCREEBE RIVER
Marine Institute	1+	smolt	H	CORRIB WILD	CWT	5164		64798	01/05/2014	CORRIB RIVER

Notes:

[a] Includes PIT and radio/acoustic tags.

## 3.6 Norway

Marking Season: 2014

Country: Norway

Origin	Primary Tag or Mark				Total
	Microtag	External tag or mark	Adipose clip	Other internal	
Hatchery Adult					0
Hatchery Juvenile	84.634	3.798	Yes		88.432
Wild Adult		179			179
Wild Juvenile	768	3204			3.972
					92.583

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
LFI, Uni Research Environment	1	Smolt	H	Vosso	CWT	10000	59-02-22, 8736 - 19359		May 2014	Voss	
LFI, Uni Research Environment	1	Smolt	H	Vosso	CWT	10000	59-02-21, 127 - 19089		May 2014	Voss	
LFI, Uni Research Environment	1	Smolt	H	Vosso	CWT	10000	23-53-05, 97 - 20000		May 2014	Voss	
LFI, Uni Research Environment	1	Smolt	H	Vosso	CWT	3000	23-53-03, 15203 - 19060		May 2014	Voss	
LFI, Uni Research Environment	1	Smolt	H	Vosso	CWT	1500	59-02-08, 18158 - 20000		May 2014	Voss	
LFI, Uni Research Environment	1	Smolt	H	Vosso	CWT	2500	59-02-04, 33821 - 35012		May 2014	Voss	
LFI, Uni Research Environment	1	Smolt	H	Vosso	CWT	3000	59-02-30, 145 - 6284		May 2014	Voss	
NINA		Smolt	W	Imsa	Carlin	154	NL- 86848-86999		01/01/2014 - 31.1.2014	Imsa, nedenfor fella	
NINA		Smolt	W	Imsa	Carlin	2000	NM- 60006-7999		23/04/2014 - 31.12.2014	Imsa, nedenfor fella	
NINA	1	Smolt	H	Figgjo	Carlin	2000	NO 70007-8999	Adipose clip	09-May-14	Imsa, nedenfor fella	
NINA	1	Smolt	H	Imsa	Carlin	2500	NL- 89008-91499	Adipose clip	09-May-14	Imsa, nedenfor fella	
NINA	1	Smolt	H	Imsa	Carlin	1999	NL- 91509-93499	Adipose clip	09-May-14	Imsa, nedenfor fella	
NINA	1	Smolt	H	Imsa	Carlin	499	NL- 93509-93999	Adipose clip		Imsa, nedenfor fella	
NINA		Smolt	W	Figgjo	Carlin	1050	NL- 94009-95049		24/04/2014 - 28.4.2014	Figgjo River	
NINA	1	Smolt	H	X-41 Akvagen	Carlin	1874	NO 90009-10873	Adipose clip	09-May-14	Imsa, nedenfor fella	
NINA	1	Smolt	H	X-42	Carlin	1956	NO 10871-12829	Adipose clip	09-May-14	Imsa, nedenfor fella	
NINA	1	Smolt	H	X-43	Carlin	1483	NO- 12831-14312	Adipose clip	09-May-14	Imsa, nedenfor fella	
NINA	1	Smolt	H	X-44	Carlin	1487	NO- 14311-15799	Adipose clip	09-May-14	Imsa, nedenfor fella	
NINA		Adult	W	Imsa	Lea	1	X96390		01/01/2014 - 31.12.2014	Imsa, nedenfor fella	
NINA		Adult	W	Various	Lea	67	X 98839-98900		23/05/2014 - 3.7.2014	Molnbukt	
NINA		Adult	W	Various	Lea	111	X 98229-98337		03-Jul-14	Molnbukt	
NINA	1	Smolt	H	Eira	PIT	2679	PIT 900212000071033-900212000074033	Adipose clip	10.5.2014	Eira	
NINA	2	Smolt	H	Eira	PIT	2902	PIT 900196000025722-900196000037015	Adipose clip	10.5.2014	Eira	
NINA	1	Smolt	H	Bævre	PIT	2996	PIT 900212000038029-900212000066032	Adipose clip	20.5.2014	Bævre	
NINA	2	Smolt	H	Bævre	PIT	2989	PIT 900212000061032-900212000064032	Adipose clip	20.5.2014	Bævre	
NINA	1	Smolt	H	Surma	PIT	3056	PIT 900212000040013-900212000044012	Adipose clip	15.5.2014	Surma	
NINA	2	Smolt	H	Surma	PIT	2990	PIT 900196000040016-900196000043015	Adipose clip	13.5.2014	Surma	
NINA	1	Smolt	H	Toåa	PIT	567	PIT 900212000046033-900212000047016	Adipose clip	14.5.2014	Toåa	
NINA	2	Smolt	H	Toåa	PIT	570	PIT 900196000018015-900196000019013	Adipose clip	14.5.2014	Toåa	
Institute of Marine Research	1	Smolt	H	Dale River	CWT	3013	59-02-31, 4353-9257	Adipose clip	16.05.14	Stanghelle	
Institute of Marine Research	1	Smolt	H	Dale River	CWT	3015	59-02-31, 9265-14186	Adipose clip	16.05.15	Stanghelle	Treated with "Slice"
Institute of Marine Research	1	Smolt	H	Dale River	CWT	3013	59-02-31, 14193-19100	Adipose clip	17.05.14	Herdlefjord	Treated with "Slice"
Institute of Marine Research	1	Smolt	H	Dale River	CWT	2993	59-02-32, 129-5008	Adipose clip	17.05.14	Herdlefjord	
Institute of Marine Research	1	Smolt	H	Dale River	CWT	453	59-02-32, 5013-5819	Adipose clip	31.05.14	Stanghelle	Treated with "Slice"
Institute of Marine Research	1	Smolt	H	Dale River	CWT	2279	59-02-32, 5820-9887	Adipose clip	31.05.14	Stanghelle	Treated with "Slice"
Institute of Marine Research	1	Smolt	H	Dale River	CWT	449	59-02-32, 9890-10694	Adipose clip	31.05.14	Stanghelle	
Institute of Marine Research	1	Smolt	H	Dale River	CWT	2258	59-02-32, 10695-14788	Adipose clip	31.05.14	Stanghelle	
Institute of Marine Research	1	Smolt	H	Dale River	CWT	2144	59-02-32, 14791-18901	Adipose clip	01.06.14	Herdlefjord	Treated with "Slice"
Institute of Marine Research	1	Smolt	H	Dale River	CWT	426	59-02-33, 124-909	Adipose clip	01.06.14	Herdlefjord	Treated with "Slice"
Institute of Marine Research	1	Smolt	H	Dale River	CWT	1402	59-02-33, 914-3295	Adipose clip	01.06.14	Herdlefjord	
Institute of Marine Research	1	Smolt	H	Dale River	CWT	372	59-02-33, 3297-3937	Adipose clip	01.06.14	Herdlefjord	
Institute of Marine Research	1	Smolt	H	Dale River	CWT	1049	59-02-33, 3937-5721	Adipose clip	01.06.14	Herdlefjord	
Institute of Marine Research	1	Smolt	H	Dale River	CWT	459	59-02-33, 5726-6440	Adipose clip	02.06.14	Dale River	Treated with "Slice"
Institute of Marine Research	1	Smolt	H	Dale River	CWT	1107	59-02-33, 8778-10597	Adipose clip	02.06.14	Dale River	Treated with "Slice"
Institute of Marine Research	1	Smolt	H	Dale River	CWT	660	59-02-33, 6443-7473	Adipose clip	02.06.14	Dale River	
Institute of Marine Research	2	Smolt	H	Dale River	CWT	793	59-02-33, 7473-8775	Adipose clip	02.06.14	Dale River	
NIVA		Smolt	W	Nidelva, Arendal	PIT	100	180582088-180582326		15-19.05.14	Nidelva	Note overlapping tag number series with smolts tagged
NIVA		Smolt	W	Nidelva, Arendal	PIT	11	199938996-199951813		29.04-03.05.14	Nidelva	
NIVA		Smolt	W	Nidelva, Arendal	PIT	10	356443014-356452340		29.04-08.05.14	Nidelva	
NIVA		Smolt	W	Nidelva, Arendal	PIT	618	361684056-361685266		29.04-11.05.14	Nidelva	
NIVA		Parr	W	Sjølingstadbekken	PIT	29	180582098-180582329		12.11.14	Sjølingstadbekken	Note overlapping tag number series with smolts tagged

## 3.7 Russia

Marking Season: 2014

Country: RUSSIA

Primary Tag or Mark					
Origin	Microtag <sup>1</sup>	External tag <sup>2</sup>	Adipose clip <sup>3</sup>	Total	
Hatchery Adult					0
Hatchery Juvenile			1.532.971		1.532.971
Wild Adult		1.751			1.751
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	1.270	42003-43999		May-October	Ponoi River	Catch-and-release fishery
PINRO	1SW-2SW	kelt	W	Ponoi River	Floy T-Bar	101	42004-43150		May-June	Ponoi River	Catch-and-release fishery
PINRO	1SW-4SW	adult	W	Kharlovka River	Floy Dart	113	4301-5199		June - July	Kharlovka River	Catch-and-release fishery
PINRO	1SW-3SW	adult	W	Rynda River	Floy Dart	99	5201-5300		June - July	Rynda River	Catch-and-release fishery
PINRO	1SW-4SW	adult	W	E. Litsa River	Floy Dart	119	4027-5575		June - July	E. Litsa River	Catch-and-release fishery
PINRO	1SW-3SW	adult	W	Tuloma River	Radio Tag	49	141.00-141.240		August	Lotta River	Tagged intra-gastrically
Umbsky hatchery	1.	parr	H	Umba River	AD	305.138			April-May	Umba River	
Knyzhegubsky hatchery	1.	parr	H	Kola River	AD	233.700			April-May	Kola River	
Knyzhegubsky hatchery	1.	parr	H	Kola River	AD	52.093			April-May	Akkim River	
Kandalakhsy hatchery	1.	parr	H	Kola River	AD	282.240			April-May	Kola River	
Solzensky hatchery	1.-2.	parr	H	Solza River	AD	136.000			March	Solza River	
Solzensky hatchery	1.	parr	H	Solza River	AD	14.000			March	Suzma River	
Onezhsky hatchery	2.	parr	H	Kozha River	AD	70.000			March	Kozha River	
Wygskiy hatchery	2.	parr	H	Keret River	AD	79.900			April	Keret River	
Wygskiy hatchery	2.	parr	H	Suma River	AD	53.700			April	Suma River	
Wygskiy hatchery	2.	parr	H	Wyg River	AD	14.400			April	Wyg River	
Wygskiy hatchery	0.	fry	H	Wyg River	AD	78.400			April	Wyg River	
Kemskiy hatchery	2.	parr	H	Kem River	AD	97.100			April	Kem River	
Kemskiy hatchery	0.	fry	H	Kem River	AD	116.300			April	Kem River	

<sup>1</sup> Microtag - cwts<sup>2</sup> External tag - other external tags (Carlin, streamer, spaghetti, VIE...)<sup>3</sup> Adipose clip - adipose clipped fish

### 3.8 Spain (Asturias)

Marking Season: 2014

Country: Asturias (Spain)

Primary Tag or Mark				SPAIN ( Asturias)
Origin	Microtag	External mark    Adipose clip	Total	
Hatchery Adult	0			
Hatchery Juvenile	0	141.609      ADC	141.609	
Wild Adult				
Wild Juvenile				

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	Cares	Adipose clip	7500	NO	ADC	18/09/2014	Cares	
Asturias	0+	PARR	H	Sella	Adipose clip	5000	NO	ADC	02/09/2014	Sella-Dobra-Ponga	
Asturias	0+	PARR	H	Sella	Adipose clip	3500	NO	ADC	03/09/2014	Zardon (Sella)	
Asturias	0+	PARR	H	Sella	ADC	2000	NO	ADC	10/09/2014	(Gueña) Sella	
Asturias	0+	PARR	H	Sella	ADC	2000	NO	ADC	11/09/2014	Piloña (Sella)	
Asturias	0+	PARR	H	Narcea	ADC	28340	NO	ADC	25/08/2014	Narcea	
Asturias	0+	PARR	H	Narcea	ADC	14200	NO	ADC	09/09/2014	Cubia	
Asturias	0+	PARR	H	Narcea	ADC	4269	NO	ADC	10/09/2014	Narcea y Pigueña	
Asturias	0+	PARR	H	Narcea	ADC	14000	NO	ADC	19/09/2014	Pigueña (Narcea)	
Asturias	0+	PARR	H	Narcea	ADC	12600	NO	ADC	25/09/2014	Narcea y Pigueña	
Asturias	0+	PARR	H	Narcea	ADC	9000	NO	ADC	07/10/2014	Narcea	
Asturias	0+	PARR	H	Narcea	ADC	25000	NO	ADC	15/10/2014	Narcea y Nonaya	
Asturias	0+	PARR	H	Narcea	ADC	7200	NO	ADC	15/11/2014	Narcea y Pigueña	
Asturias	0+	PARR	H	Narcea	ADC	7000	NO	ADC	22/11/2014	Narcea	

141609

## 3.9 Spain (Navarra, Gipuzkoa, Cantabria)

Marking Season:

2014

Country:

SPAIN (Navarra, Gipuzkoa, Cantabria)

Origin	Primary Tag or Mark			Total
	Microtag	External mark	Adipose clip	
Hatchery juvenile	77.333		60.955	138.288
Wild juvenile	0		0	0
Adult				0
Total	77.333	0	60.955	138.288

Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number Marked	Code or Serial	Secondary Tag or Mark	Release Date	Release Location	Comment
GN*	0+	Parr	H	Bidasoa-14	ADC	21844			Jun-14	Bidasoa	
GN*	0+	Parr	H	Bidasoa-14	ADC	11461			Jul-14	Bidasoa	
GN*	0+	Parr	H	Bidasoa-14	ADC	2307			Jul-14	Ezkurra	Tributary of Bidasoa River
GN*	0+	Parr	H	Bidasoa-14	DCWT	3231	23/50/14 sq	ADC	Nov-14	Bidasoa	
GN*	0+	Parr	H	Bidasoa-14	DCWT	3646	23/50/18 sq	ADC	Nov-14	Bidasoa	
GN*	0+	Parr	H	Bidasoa-14	DCWT	683	23/50/19 sq	ADC	Nov-14	Bidasoa	
GN*	0+	Parr	H	Bidasoa-14	DCWT	1845	23/50/20 sq	ADC	Nov-14	Bidasoa	
GN*	0+	Parr	H	Bidasoa-14	DCWT	5127	23/50/28 sq	ADC	Nov-14	Bidasoa	
GN*	0+	Parr	H	Bidasoa-14	DCWT	4262	23/50/29 sq	ADC	Nov-14	Bidasoa	
DFG**	1+	Smolt	H	Oria/Urumea-14	DCWT	2475	23-60-03	ADC	Feb-14	Urumea (Osínaga)	
DFG**	0+	Fry	H	Oria/Urumea-14	ADC	8282		ADC	Jun-14	Epele/Landarbaso (Urumea)	
DFG**	0+	Fry	H	Oria/Urumea-14	ADC	7838		ADC	Jun-14	Arranbide (Urumea)	
DFG**	0+	Parr	H	Oria/Urumea-14	ADC	2821		ADC	Sep-14	Mendaraz (Urumea)	
DFG**	0+	Parr	H	Oria/Urumea-14	ADC	3375		ADC	Sep-14	Argorri (Urumea)	
DFG**	0+	Parr	H	Oria/Urumea-14	ADC	3027		ADC	Sep-14	Urumea (Urruzuno)	
CANT***	0+	Parr	H	Asón-14	DCWT	8936	23/31/94	ADC	Oct-14	Asón	
CANT***	0+	Parr	H	Deva-14	DCWT	10.542	23/31/95	ADC	Oct-14	Deva	
CANT***	0+	Parr	H	Deva-14	DCWT	10.618	23/31/96	ADC	Oct-14	Nansa	
CANT***	0+	Parr	H	Asón-14	DCWT	6.825	23/31/97	ADC	Nov-14	Miera	
CANT***	0+	Parr	H	Pas-14	DCWT	9.270	23/31/98	ADC	Dec-14	Pas	
CANT***	0+	Parr	H	Asón-14	DCWT	9.873	23/31/99	ADC	Dec-14	Besaya	

## 3.10 Sweden

**Marking Season:** 2014**Country:** Sweden

Origin	Primary Tag or Mark		Adipose clip	Total
	Microtag	External mark		
Hatchery Adult				
Hatchery Juvenile		4.000	167.665	167.655
Wild Adult				
Wild Juvenile		500	0	500

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
Laholm hatchery	1	Smolt	Hatched	River Lagan	Carlin	1600	RXXXXX	Aidipose clip	20140422	R. Lagan	
Laholm hatchery	2	Smolt	Hatched	River Lagan	Carlin	400	RXXXXX	Aidipose clip	20140422	R. Lagan	
Laholm hatchery	1	Smolt	Hatched	River Lagan	Carlin	1800	RXXXXX	Aidipose clip	20140417	R. Nissan	
Laholm hatchery	2	Smolt	Hatched	River Lagan	Carlin	200	RXXXXX	Aidipose clip	20140417	R. Nissan	
SLU	1-3	Smolt	Wild	River Ätran	Carlin	500	RXXXXX	Aidipose clip	20140409	R. Ätran	Wild!

## 3.11 UK (England and Wales)

Marking season: 2014

Country: UK (England and Wales)

Totals	Primary Tag or Mark				Total
	Origin	Microtag	External Mark	Adipose Clip Other internal [a]	
	Hatchery juvenile			64.121	64.121
	Wild juvenile	1.981		9.052 48	11.081
	Adult		630	58	688
	<b>Total fish marked</b>	<b>1.981</b>	<b>630</b>	<b>73.173 106</b>	<b>75.890</b>

Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number marked	Code or Serial	Secondary Tag or Mark	Release date	Release Location
EA North East	Various	Adult	W	Tyne	Floy tag	111	Green 1577 - 2124 & Blue 2233	None	Nov - Dec 2014	Tyne & tributaries
Natural Resources Wales	Various	Smolt	W	Dee (Worthenbury)	CWT	64	01/42/97	Adipose	May 2014	Dee - Worthenbury
Natural Resources Wales	Various	Smolt	W	Dee (Ceiriog)	CWT	1.917	01/42/88 and 01/42/34	Adipose	Apr-May 2014	Dee - Ceiriog
Natural Resources Wales	Various	Adult	W	Dee	Floy tag	519	Various (blue and blue/green)	None	March-Oct 2014	Dee - Chester
Natural Resources Wales	1+	Parr	H	Dee	Adipose clip	3.072		None	March 2014	Dee - Celyn
Natural Resources Wales	0+	Fed Fry	H	Dee	Adipose clip	14.972		None	April 2014	Dee - Hirnant
Natural Resources Wales	1+	Parr	H	Dee	Adipose clip	780		None	May 2014	Dee - main river
Natural Resources Wales	1+	Parr	H	Dee	Adipose clip	2.340		None	June 2014	Dee - main river
Natural Resources Wales	1+	Parr	H	Dee	Adipose clip	3.000		None	July 2014	Dee - Celyn
Natural Resources Wales	1+	Parr	H	Dee	Adipose clip	3.000		None	Aug 2014	Dee - Celyn
Natural Resources Wales	0+	Parr	H	Conwy	Adipose clip	11.300		None	Sept 2014	Conwy - upper
Natural Resources Wales	0+	Parr	H	Conwy	Adipose clip	3.501		None	Oct 2014	Conwy - Roman Bridge
Natural Resources Wales	0+	Parr	H	Conwy	Adipose clip	3.446		None	Nov 2014	Conwy - Llugwy
Natural Resources Wales	1+	Smolt	H	Wye	Adipose clip	4.320		None	May-Jun 2014	Wye - Nant Gwyn Pond
Natural Resources Wales	1+	Smolt	H	Wye	Adipose clip	3.800		None	May 2014	Wye - Bigsweir Pond
Natural Resources Wales	1+	Smolt	H	Wye	Adipose clip	6.539		None	May 2014	Wye - Redbrook Pond
Natural Resources Wales	1+	Smolt	H	Wye	Adipose clip	3.251		None	May 2014	Wye - Caradoc Pond
Natural Resources Wales	1+	Smolt	H	Taff	Adipose clip	800		None	May 2014	Taff
Natural Resources Wales	Various	Adult	H	Taff	PIT tag	21		None	Jan 2014	Taff - Penarth (broodstock)
Natural Resources Wales	Various	Adult	H/W	Wye	PIT tag	27		None	Feb 2014	Wye (broodstock)
Natural Resources Wales	Various	Adult	H/W	Wye	PIT tag	10		None	Nov 2014	Wye (broodstock)
Cefas	Various	Parr	W	Itchen	Adipose clip	176	DC00xxxxxx	PIT tag	08/Oct/2014	Itchen
Cefas/GWCT	Various	Parr	W	Frome	Adipose clip	8.876	3DD.003BCxxxxx	PIT tag	Sept 2014	Frome
Cefas	Various	Smolt	W	Frome	Acoustic tag	48		None	April 2014	Frome

Notes:

[a] Includes PIT and radio/acoustic tags.

Marking Season:		2014		Country:		UK (N. Ireland)	
Origin	Primary Tag or Mark				Total		
	Microtag	External tag or mark	Adipose clip	Other internal			
Hatchery Adult					0		
Hatchery Juvenile	11664			39.606	51.270		
Wild Adult					0		
Wild Juvenile					0		
					51.270		

[illegible]

## 3.13 UK (Scotland)

Marking season: 2014

Country: Scotland

Totals	Primary Tag or Mark					Total
	Origin	Microtag	External Mark	Adipose Clip	Other internal [a]	
Hatchery juvenile		0	0	202.373	257	202.630
Wild juvenile		3.832	0	281	2.346	6.459
Adult		0	282	0	107	389
<b>Total fish marked</b>	<b>3.832</b>	<b>282</b>	<b>202.654</b>	<b>2.710</b>		<b>209.478</b>

  

Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number marked	Code or Serial	Secondary Tag or Mark	Release date	Release Location	Comments
Ayrshire Rivers Trust	0+	Fry	W	Whitehaugh Water (River Ayr)	Adipose clip only	96	N/A	N/A	Jul-14	Upper Ayr	
Ayrshire Rivers Trust	0+	Fry	W	Loch Doon area (River Doon)	Adipose clip only	161	N/A	N/A	Sep-14	Upper Doon	
Ayrshire Rivers Trust	1+/2+	Parr	W	Loch Doon area (River Doon)	Adipose clip only	24	N/A	N/A	Sep-14	Upper Doon	
Cromarty Firth DSFB	2-4yr	Smolt	W	River Bran	PIT tag	1000	supplied to MSS	adipose clip	April / May 2014	Tor Achilty River Conon	Part of long term monitoring project with MSS Investigation into smolt passage at hydro loch
Cromarty Firth DSFB	2-4yr	Smolt	W	River Meig	PIT	1000	supplied to MSS	adipose clip	April / May 2014	Meig head of Meig Reservoir	
Glasgow University	2-4yr	Smolt	W	River Don	PIT tag	296	Individual codes	Fin clip	25/04/2014 - 07/05/2014	River Don	
Glasgow University	2-4yr	Smolt	W	River Don	Radio+PIT	28	Individual codes	Fin clip	26/04/2014 - 7/05/2014	River Don	
Glasgow University	unconfirmed	Kelt	W	River Don	PIT tag	6	Individual codes	Floy tag	08/03/2014	River Don	
Glasgow University	2yr	Smolt	H	Howietoun Hatchery	Elastomer im	257	Individual codes	Fin clip	10/04/2014 - 21/04/2014	River Don	The majority of these fish were recaptured as part of the experiment
Glasgow University	2-4yr	Smolt	W	River Don	Elastomer im	20	Individual codes	Fin clip	10/04/2014 - 21/04/2014	River Don	
Glasgow University	unconfirmed	Adult	W	River Don	PIT tag	44	Individual codes	Floy tag	23/08/2014 - 19/11/2014	River Don	
Glasgow University	unconfirmed	Adult	W	River Don	Radio+PIT	25	Individual codes	Floy tag	23/08/2014 - 19/11/2014	River Don	
Marine Scotland Science (MSS)	2,3	Parr	W	Girnock	Micro/Std	1341	62/50/28	Adipose	18/02/2014 - 18/04/2014	Girnock	
Marine Scotland Science (MSS)	1,2,3	Parr	W	Girnock	Micro/Std	1997	62/50/24	Adipose	21/04/2014 - 28/10/2014	Girnock	
Marine Scotland Science (MSS)	1,2,3	Parr	W	Girnock	Micro/Std	494	62/16/50	Adipose	29/10/2014 - 01/12/2014	Girnock	
Marine Scotland Science (MSS)	1,2,3 SW	Adult	W	Girnock	Floy tag	40	N/A	N/A	08/10/2014 - 21/11/2014	Girnock	
Marine Scotland Science (MSS)	1,2,3 SW	Adult	W	Baddoch	Floy tag	63	N/A	N/A	08/10/2014 - 17/11/2014	Baddoch	
Marine Scotland Science (MSS)	2 to 3	Adult	W	South Esk	Radio tag	20	Individual codes	Floy	01/04/2014 - 26/04/2014	South Esk, Kinnaird	Caught by in-river net; Transmitting at 173.845MHz Caught by rod & line; Transmitting at 173.845MHz Sat. tags release at pre-determined times. Carlin is left on harness after sat. tag is released.
Marine Scotland Science (MSS)	2 to 3	Adult	W	South Esk	Radio tag	12	Individual codes	Floy	19/03/2014 - 09/04/2014	South Esk, Kinnaird	
Marine Scotland Science (MSS)	Various	Adult	W	Various (Fish tagged at sea)	Satellite	85	13P0005 to 13P0494	Carlin - A51100 to A51184	27/05/2014 - 09/07/2014	Armadale (North coast)	Red Floy Tag marked with number and "River Naver - 01641 521446"
Marine Scotland Science (MSS)	3	Smolt	W	Shieldaig	PIT tag	1	14P0001 to 14P0009	adipose clip	07/04/2014	Shieldaig Trap	
Marine Scotland Science (MSS)	3	Smolt	W	Shieldaig	PIT tag	1	6B70106 6B6EE91	adipose clip	14/04/2014	Shieldaig Trap	
River Naver Fisheries	n/a	Adult	W	n/a	Floy tag	25	1-26 (excluding 26)	n/a	03/03/2014 - 21/05/2014	River Naver	
Spey Fishery Board	0+	Fry	H	River Spey	Adipose clip only	180.000	N/A	N/A	Sep-14	Mid and Lower Spey	
Spey Fishery Board	Adult	Adult Kelt	W	River Spey	Floy tag	69	Yellow-03841 to Yellow-03910	N/A	Nov-14	Lower Avon	
Tay DSFB	0+	Parr	H	Reconditioned wild salmon from local broodstock	Adipose clip only	8700	N/A	N/A	Oct-14	River Lochay	
Tay DSFB	0+	Parr	H	Reconditioned wild salmon from local broodstock	Adipose clip only	4753	N/A	N/A	Oct-14	River Braan	
Tay DSFB	0+	Parr	H	Reconditioned wild salmon from local broodstock	Adipose clip only	8920	N/A	N/A	Oct-14	River Tilt	
Tweed Foundation	Various	Adult	W	Paxton House, Lower Tweed	Yellow floy	36	00038-00540	N/A	23/08/2014 - 26/09/2014	Paxton House, Lower Tweed	
Tweed Foundation	Various	Adult	W	Philiphaugh, R. Ettrick	Yellow floy	20	00201-00294	N/A	08/10/2014 - 09/10/2014	Philiphaugh, R. Ettrick	
Tweed Foundation	Various	Adult	W	Philiphaugh, R. Ettrick	Radio tag	29	RT001-RT175	Blue floy 00077-00300	08/10/2014 - 31/10/2014	Philiphaugh, R. Ettrick	

## 3.14 US

Marking season: 2014

Country: US

Totals	Primary Tag or Mark				
	Origin	Microtag	External Mark	Adipose Clip	Other internal [a]
	Hatchery juvenile		92.354	164.815	2.027
	Wild juvenile				50
	Adult		616		2.542
<b>Total fish marked</b>	<b>0</b>	<b>92.970</b>	<b>164.815</b>	<b>4.619</b>	<b>262.404</b>

Marking Agency	Age	Life Stage	H/W	Stock Origin	Primary Tag or Mark	Number marked	Code or Serial	Secondary Tag or Mark	Release date	Release Location
Brookfield		1 smolt	H	Penobscot	radio	257			May 2014	Androscoggin
Brookfield		1 smolt	H	Penobscot	radio	628			May 2014	Kennebec
Brookfield		1 smolt	H	Penobscot	radio	744			May/June 2014 2014	Penobscot
DMR		adult	W	Androscoggin	radio	4		Adipose punch	June/August 2014	Androscoggin
DMR		adult	W	Penobscot	PIT	30			July-Oct 2014	Penobscot
DMR		adult	W	Penobscot	radio	12		PIT	May-Sept 2014	Penobscot
EMARC		0 parr	H	East Machias	adipose clip	149815			24/10/2014	East Machias
Miller Hydro		1 smolt	H	Penobscot	radio	166			May/June 2014	Androscoggin
NHFGD		adult	H	Merrimack	Floy	616			22/05/2014	Merrimack
NOAA		smolt	W	Kennebec	acoustic	50			05/23/2014	Kennebec
USDA		adult	H	Penobscot	PIT	121		Double adipose or upper caudal punch	12/17/2014	Penobscot
USFWS		4 adult	H	Dennys	PIT	38		Double adipose or upper caudal punch	05/12/2014	Dennys
USFWS		3-5 adult	H	East Machias	PIT	168		Double adipose or upper caudal punch	25/11/2014	East Machias
USFWS		3-5 adult	H	Machias	PIT	292		Double adipose or upper caudal punch	04/12/2014	Machias
USFWS		3-5 adult	H	Narraguagus	PIT	202		Double adipose or upper caudal punch	26/11/2014	Narraguagus
USFWS		adult	H	Penobscot	PIT	213		adipose or upper caudal punch	25/11/2014	Penobscot
USFWS		3-4 adult	H	Penobscot	PIT	1220		Double adipose or upper caudal punch	04/12/2014	Penobscot
USFWS		1 smolt	H	Penobscot	VIE	22967 left eye green		adipose clip	30/04/2014	Penobscot
USFWS		1 smolt	H	Penobscot	VIE	23438 left eye red		adipose clip	30/04/2014	Penobscot
USFWS		1 smolt	H	Penobscot	VIE	22919 right eye red		adipose clip	01/05/2014	Penobscot
USFWS		1 smolt	H	Penobscot	VIE	23030 right eye green		adipose clip	01/05/2014	Penobscot
USFWS		4 adult	H	Pleasant	acoustic	55		Double adipose or upper caudal punch	24/11/2014	Pleasant
USFWS		3-5 adult	H	Pleasant	PIT	113		Double adipose or upper caudal punch	24/11/2014	Pleasant
USFWS		0 parr	H	Sheeepscot	adipose clip	15000			25/09/2014	Sheeepscot
USFWS		3-5 adult	H	Sheeepscot	PIT	74		Double adipose or upper caudal punch	01/12/2014	Sheeepscot
USGS		1 smolt	H	Penobscot	acoustic	232			02/05/2014	Penobscot

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

COUNTRY	INSTITUTION	ADDRESS
Canada	Fisheries and Oceans Canada Att. Scott Douglas	Scott.Douglas@dfo-mpo.gc.ca
Denmark	DTU Aqua - National Institute of Aquatic Resources Department of Inland Fisheries Att. Gorm Rasmussen	Vejløvej 39 DK-8600 Silkeborg Denmark 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.omaileidigh@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 (Asturias)	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
Spain (Navarra, Gipuzkoa, Cantabria)		jalvareo@ganasa.es imendiola@gipuzkoa.es serdio_al@cantabria.es
Sweden	Swedish Board of Fisheries Institute of Freshwater Research Att. Erik Degerman	Pappersbruksallén 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@cefass.co.uk

COUNTRY	INSTITUTION	ADDRESS
UK (Scotland)	Marine Scotland, Freshwater Laboratory Att. James Orpwood	Faskally Pitlochry Perthshire PH16 5LB UK james.orpwood@marlab.ac.uk
UK (N Ireland)	Agri-food and Biosciences Institute Att. Dennis Ensing	18a Newforge Lane BT9 5PX Belfast UK Dennis.ensing@afbini.gov.uk
US	National Oceanic and Atmospheric Administration-NOAA Northeast Fisheries Science Center Att. Timothy Sheehan	166 Water Street Woods Hole, MA 02453 USA Tim.sheehan@noaa.gov