

ICES WGNAS 2017 ADDENDUM

ICES ADVISORY COMMITTEE

ICES CM 2017/ACOM:20

ICES Compilation of Microtags, Finclip and External Tag Releases 2016 by the Working Group on North Atlantic Salmon

29 March–7 April 2017

Copenhagen, Denmark



ICES

International Council for
the Exploration of the Sea

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Contents

1	Terms of Reference.....	1
2	Summary table	2
3	Number of tags and marks applied to Atlantic salmon by country for 2016.....	4
3.1	Canada	4
3.2	Denmark	7
3.3	Iceland	8
3.4	Ireland	12
3.5	Norway	13
3.6	Russia	14
3.7	Spain (Cantabria)	15
3.8	Sweden.....	16
3.9	UK (England and Wales)	17
3.10	UK (Northern Ireland)	18
3.11	UK (Scotland)	19
3.12	US	20
Annex 1:	National tag clearing houses to which Atlantic salmon tags should be returned	21

1 Terms of Reference

The Terms of Reference for the 2017 Working Group on North Atlantic Salmon (ICES CM 2017/ACOM:10) stated that the group would:

“provide a compilation of tag releases by country in 2016.”

Data were provided by Working Group members for national tagging programmes, as far as possible including all agencies and organisations. The compilations for 2016 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 2016. “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	2,557	0	1,521	4,078
	Hatchery Juvenile	0	305	202,027	45	202,377
	Wild Adult	0	3,197	35	79	3,311
	Wild Juvenile	0	20,093	20,737	590	41,420
	Total	0	26,152	222,799	2,235	251,186
Denmark	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	92,450	20,000	305,100	1,903	419,453
	Wild Adult	0	0	0	788	788
	Wild Juvenile	0	0	0	0	0
	Total	92,450	20,000	305,100	2,691	420,241
France ⁴	Hatchery Adult					
	Hatchery Juvenile ³					
	Wild Adult ³					
	Wild Juvenile					
	Total					
Iceland	Hatchery Adult	0		0	0	0
	Hatchery Juvenile	47,345	0	0	0	47,345
	Wild Adult	0	79	0	0	79
	Wild Juvenile	6,052	9	0	0	6,061
	Total	53,397	88	0	0	53,485
Ireland	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	185,891	0	0	0	185,891
	Wild Adult	0	0	0	0	0
	Wild Juvenile	6,639	0	0	0	6,639
	Total	192,530	0	0	0	192,530
Norway	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	22,445	6,958	0	40,797	70,200
	Wild Adult	0	1,003	0	0	1,003
	Wild Juvenile	0		0	2,638	2,638
	Total	22,445	7,961	0	43,435	73,841
Russia	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	0	1,461,482	0	1,461,482
	Wild Adult	0	1,524	0	0	1,524
	Wild Juvenile	0	0	0	0	0
	Total	0	1,524	1,461,482	0	1,463,006
Spain	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	92,393	0	0	92,393
	Wild Adult	0	0	0	0	0
	Wild Juvenile	0	0	0	0	0
	Total	0	92,393	0	0	92,393
Sweden	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	3100	164,931	0	168,031
	Wild Adult	0	381	0	0	381
	Wild Juvenile	0	0	0	0	0
	Total	0	3,481	164,931	0	168,412

Table 1. Continued.

UK (England & Wales)	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	0	11,647	0	11,647
	Wild Adult	0	514	0	2	516
	Wild Juvenile	5,722	0	6,121		11,843
	Total	5,722	514	17,768	2	24,006
UK (N. Ireland)	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	10,230	0	57,645	0	67,875
	Wild Adult	0	0	0	0	0
	Wild Juvenile	0	0	0	0	0
	Total	10,230	0	57,645	0	67,875
UK (Scotland)	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	0	103,141	0	103,141
	Wild Adult	0	520	14	0	534
	Wild Juvenile	2,300	0	30	10,257	12,587
	Total	2,300	520	103,185	10,257	116,262
USA	Hatchery Adult	0	7	22	3,293	3,322
	Hatchery Juvenile	0	102,240	215,074	2,756	320,070
	Wild Adult	0	0	0	0	0
	Wild Juvenile	0	0	0	0	0
	Total	0	102,247	215,096	6,049	323,392
All Countries	Hatchery Adult	0	2,564	22	4,814	7,400
	Hatchery Juvenile	358,361	224,996	2,521,047	45,501	3,149,905
	Wild Adult	0	7,218	49	869	8,136
	Wild Juvenile	20,713	20,102	26,888	13,485	81,188
	Total	379,074	254,880	2,548,006	64,669	3,246,629

¹ Includes other internal tags (PIT, ultrasonic, radio, DST, etc.)² Includes Carlin, spaghetti, streamers, VIE etc.³ Includes external dye mark.⁴ Tag information for France not available for 2016.

3 Number of tags and marks applied to Atlantic salmon by country for 2016

3.1 Canada

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

Marking Season:

2016

Country:

Canada

Primary Tag or Mark					
Origin	Microtag ^a	External tag ^a	Adipose clip ^a	Other Internal ^a	Total
Hatchery Adult	0	2,557	0	1,521	4,078
Hatchery Juvenile	0	305	202,027	45	202,377
Wild Adult	0	3,197	35	79	3,311
Wild Juvenile	0	20,093	20,737	590	41,420

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
Gulf Region											
Atlantic Salmon Federation	1SW / MSW	Adult	W	Restigouche	Acoustic	15	54316-54330		May	Restigouche	
Atlantic Salmon Federation	1SW / MSW	Adult	W	Northwest Miramichi	Acoustic	26	24820, 54331-58544		April	Northwest Miramichi	
Atlantic Salmon Federation	2+, 3+	Smolt	W	Restigouche	Acoustic	77	41776-41854		May	Kedgwick/Restigouche	
Atlantic Salmon Federation	2+, 3+	Smolt	W	Southwest Miramichi	Acoustic	116	41716-42720		May	Southwest Miramichi	
Atlantic Salmon Federation	2+, 3+	Smolt	W	Northwest Miramichi	Acoustic	119	41746-42690		May	Northwest Miramichi	
Atlantic Salmon Federation	1SW / MSW	Adult	W	Restigouche	Satellite Pop-Up	10	158489-158498	Acoustic 42541-42550	May	Restigouche	
DFO Gulf	2+, 3+, 4+	Smolt	W	Restigouche	Streamer - clear	1,993	B5415-B5428, B72201-B72999, B81229-886791		May - June	Restigouche	RST
DFO Gulf	1SW / MSW	Adult	W	Miramichi	Carlin - blue	1,991	YY39902 - YY45760		June - October	Miramichi	Estuarial traps
DFO Gulf - Eel Ground First Nation	1SW / MSW	Adult	W	Miramichi	Carlin - blue	33	YY31481 - YY31565		July - September	Miramichi	Estuarial traps
Eugenopetitj First Nation	1SW / MSW	Adult	W	Tabusintac	Carlin - blue	47	00396-00441		August - October	Tabusintac	Estuarial traps
Miramichi Salmon Conservation Center	0+	Fry - first feeding	H	Sevogle		2,301			June	Juniper	Distributions
Miramichi Salmon Conservation Center	0+	Fry - first feeding	H	Northwest Miramichi		8,182			June	Northwest Miramichi	Distributions
Miramichi Salmon Conservation Center	0+	Fry - first feeding	H	Little Southwest Miramichi		5,000			July	Little Southwest Miramichi	Distributions
Miramichi Salmon Conservation Center	0+	Fry - first feeding	H	Juniper		34,183			June - July	Juniper	Distributions
Miramichi Salmon Conservation Center	0+	Fry - first feeding	H	Clearwater		34,065			June - July	Clearwater	Distributions
Miramichi Salmon Association / IP Rocky Brook	2+, 3+	Smolt	W	Rocky Brook	Streamer - clear	350	MSA 3936-4000, MSA 6001-6285		May	Rocky Brook	RST
Miramichi Salmon Association / IP Rocky Brook	2+, 3+	Smolt	W	Rocky Brook	Streamer - clear	300	MSA 6301-6600		October - November	Rocky Brook	RST
Restigouche River Watershed Management Council	2+, 3+, 4+	Smolt	W	Matapedia	Streamer - clear	3,323	B75960-B76000, B80001-B83260		May - June	Matapedia	RST
Maritimes Region											
Canadian Rivers Institute	1-3 yrs	Smolt	W	Saint John	Acoustic	64	4000-4266, 12000-12217, 43398-43437		May	Hartland or Nackawic	
Canadian Rivers Institute	1-3 yrs	Smolt	H	Saint John	Acoustic	45	4000-4266, 12000-12217, 43398-43437		May	Hartland or Nackawic	
Canadian Rivers Institute	MSW	Adult	W	Saint John	Acoustic	30	45398-45426		July	Saint John	
Canadian Rivers Institute	Kelt	Adult	W	Saint John	Acoustic	8	3000-3077		November	Bath	
DFO Maritimes -NB-Assessment	1-3 yrs	Smolt	W	Big Salmon	Caudal punch	678			May	Big Salmon	Mark-recapture
DFO Maritimes -NB-Assessment	1-3 yrs	Smolt	W	Stewiacke	Streamer	78	B72001-B72082		June	Stewiacke	Mark-recapture
DFO Maritimes -NB-Assessment	1SW	Adult	W	Big Salmon	Adipose punch	3			September	Big Salmon	Tissue sample
DFO Maritimes -NB-Assessment	MSW	Adult	W	Big Salmon	Adipose punch	1			September	Big Salmon	Tissue sample
DFO Maritimes -NB-Assessment	1-3 yrs	Smolt	W	Gaspereau	Caudal punch	524			May	Gaspereau	Mark-recapture
DFO Maritimes -NB-Assessment	1-3 yrs	Pre-smolt	W	Tobique	Dermal punch	260			October - November	Tobique	Dermal Punch Caudal (3mm)
DFO Maritimes -NB-Assessment	1-3 yrs	Pre-smolt	H	Tobique	Dermal punch	71			October - November	Tobique	Dermal Punch Caudal (3mm)
DFO Maritimes -NB-Assessment	2-3 yrs	Smolt	H	Tobique	Dermal punch	138			April - May	Tobique	Dermal Punch Caudal (3mm)
DFO Maritimes -NB-Assessment	2-3 yrs	Smolt	W	Nashwaak	Dermal punch	551			April - May	Nashwaak	Dermal Punch Caudal (3mm)
DFO Maritimes -NB-Assessment	1SW	Adult	W	Nashwaak	Adipose punch	245			June - October	Nashwaak	
DFO Maritimes -NB-Assessment	MSW	Adult	W	Nashwaak	Adipose punch	45			June - October	Nashwaak	
DFO Maritimes -NB-Assessment	1SW	Adult	W	Tobique	Caudal punch	113			June - October	Tobique Fishway	Tissue sample
DFO Maritimes -NB-Assessment	1SW	Adult	H	Tobique	Caudal punch	16			June - October	Tobique Fishway	Tissue sample
DFO Maritimes -NB-Assessment	MSW	Adult	W	Tobique	Caudal punch	44			June - October	Tobique Fishway	Tissue sample
DFO Maritimes -NB-Assessment	MSW	Adult	H	Tobique	Caudal punch	3			June - October	Tobique Fishway	Tissue sample
DFO Maritimes -NB-Mactaquac Biodiversity Facility	4+	Adult	H	Tobique	Adipose v-notch	74			July	Saint John River - Tobique	
DFO Maritimes -NB-Mactaquac Biodiversity Facility	3+	Adult	H	Tobique	Adipose v-notch	1,371			October - November	Saint John River - Tobique	
DFO Maritimes -NB-Mactaquac Biodiversity Facility	3+	Adult	H	Tobique	Adipose v-notch	129			November	Saint John River - McKinley Ferry	
DFO Maritimes -NB-Mactaquac Biodiversity Facility	3+	Adult	H	Big Salmon	PIT	355			October - November	Petitcodiac River - Little River	
DFO Maritimes -NB-Mactaquac Biodiversity Facility	0+	Parr	H	Tobique	Adipose clip	83,000			September	Saint John River - Tobique	

Canada continued.

DFO Maritimes - NS-Assessment	2-5 yrs	Smolt	W	LaHave	Garment	771	Black (28); red (197); yellow (150); orange (100); pink (100); light blue (98); blue (98)	Caudal clip	April - May	LaHave	
DFO Maritimes - NS-Assessment	2-5 yrs	Smolt	W	LaHave	Caudal clip	726			April - May	LaHave	
DFO Maritimes - NS-Assessment	15W	Adult	W	LaHave	Caudal punch	23			June - October	LaHave	
DFO Maritimes - NS-Assessment	MSW	Adult	W	LaHave	Caudal punch	45			May - October	LaHave	
DFO Maritimes - NS-Assessment	0-2 yrs	Fry and parr	W	LaHave	Caudal clip	84			September	LaHave	
DFO Maritimes - NS-Assessment	0-2 yrs	Fry and parr	W	St. Mary's	Caudal clip	293			July	St. Mary's	
DFO Maritimes - NS-Assessment	15W	Adult	W	North	Disk - dorsal	2	Black X on yellow	Caudal punch	October	North	
DFO Maritimes - NS-Assessment	15W	Adult	W	North	Disk - dorsal	5	Yellow (2); black X on yellow (3)	Caudal clip	October	North	
DFO Maritimes - NS-Assessment	15W	Adult	W	North	Caudal clip	5			October	North	
DFO Maritimes - NS-Assessment	MSW	Adult	W	North	Disk - dorsal	19	Yellow (18); black X on yellow (1)	Caudal clip	October	North	
DFO Maritimes - NS-Assessment	MSW	Adult	W	North	Caudal clip	15			October	North	
DFO Maritimes - NS-Assessment; Unama'ki Institute of Natural Resources	0-3 yrs	Fry and parr	W	Grand	Caudal clip	80			August	Grand	
DFO Maritimes - NS-Assessment; Unama'ki Institute of Natural Resources	0-3 yrs	Fry and parr	W	Inhabitants	Caudal clip	90			August	Inhabitants	
DFO Maritimes - NS-Assessment; Unama'ki Institute of Natural Resources	0-3 yrs	Fry and parr	W	Framboise	Caudal clip	41			August	Framboise	
DFO Maritimes - NS-Assessment; Unama'ki Institute of Natural Resources	0-3 yrs	Fry and parr	W	Tillard	Caudal clip	20			August	Tillard	
DFO Maritimes - NS-Coldbrook Biodiversity Facility	2+	Smolt	H	Stewiacke	Dermal punch - upper caudal	47			May	Stewiacke	Efficiency study
DFO Maritimes - NS-Coldbrook Biodiversity Facility	2+	Smolt	H	Stewiacke	Dermal punch - lower caudal	46			May	Stewiacke	Efficiency study
DFO Maritimes - NS-Coldbrook Biodiversity Facility	3+	Adult	H	Gaspereau	PIT	37			October	Gaspereau	
DFO Maritimes - NS-Coldbrook Biodiversity Facility	3+	Adult	H	Gaspereau	PIT	189			October	St. Croix	
DFO Maritimes - NS-Coldbrook Biodiversity Facility	3+	Adult	H	Stewiacke	PIT	718			November	Stewiacke	
DFO Maritimes - NS-Coldbrook Biodiversity Facility	3+	Adult	H	Stewiacke	PIT	59			November	Salmon	
DFO Maritimes - NS-Coldbrook Biodiversity Facility	3+	Adult	H	Gaspereau	PIT	73			November	Gaspereau	
DFO Maritimes - NS-Coldbrook Biodiversity Facility	3+	Adult	H	Gaspereau	PIT	90			November	St. Croix	
Fort Folly Habitat Recovery	15W	Adult	H	Big Salmon	T-bar anchor (long green)	108		PIT (HDX) 982000405336935-7134	October	Pollet	
Fort Folly Habitat Recovery	15W	Adult	H	Big Salmon	T-bar anchor (long white)	13		PIT (HDX) 98200040533XXXX (6943,6957,6959,6967,6972,6976,6983,6987,6993,6999,7000,7011,7014)	October	Pollet	Radio tag (100,104,106,109,110,111,112,114,115,116,117,118,119)
Inland Fisheries Division - Nova Scotia Department of Fisheries and Aquaculture	0+	Fall parr	H	Middle	Adipose clip	24,000			November	Middle	
Inland Fisheries Division - Nova Scotia Department of Fisheries and Aquaculture	0+	Fall parr	H	Baddeck	Adipose clip	28,300			December	Baddeck	
Nova Scotia Salmon Association	15W	Adult	W	West River, Sheet Harbour	Adipose v-punch	15			June - November	West River, Sheet Harbour	
Nova Scotia Salmon Association	25W	Adult	W	West River, Sheet Harbour	Adipose v-punch	2			June - November	West River, Sheet Harbour	
Nova Scotia Salmon Association	2+	Smolt	W	West River, Sheet Harbour	Adipose, anal, or pelvic fin clip	1,065			April - May	West River, Sheet Harbour	Adipose removed entirely; anal or pelvic fins only top 20% removed
Parks Canada (Fundy)	4+	Adult	H	Point Wolfe	Garment (red spaghetti)	47		PIT(HDX)	September - November	Upper Salmon	
Parks Canada (Fundy)	3+	Adult	H	Point Wolfe	Garment (short blue)	323	FNP 2016	PIT(HDX)	October	Upper Salmon	Radio tag 150.480MHz signal, codes 51 to 98
Parks Canada (Fundy)	3+	Adult	H	Point Wolfe	Garment (long blue)	195	FNP 2016	PIT(HDX)	October	Upper Salmon	Radio tag 150.480MHz signal, codes 51 to 98
Parks Canada (Fundy)	4+	Adult	H	Point Wolfe	Garment (long green)	278	FNP 2016	PIT(HDX)	October	Upper Salmon	
Unama'ki Institute of Natural Resources; DFO Maritimes - NS-Assessment	0-3 yrs	Fry and parr	W	Skye	Caudal clip	98			August - September	Skye	
Unama'ki Institute of Natural Resources; DFO Maritimes - NS-Assessment	0-3 yrs	Fry and parr	W	Baddeck	Caudal clip	196			August - September	Baddeck	
Unama'ki Institute of Natural Resources; DFO Maritimes - NS-Assessment	0-3 yrs	Fry and parr	H	Baddeck	Adipose clip	2		Caudal clip	August - September	Baddeck	
Unama'ki Institute of Natural Resources; DFO Maritimes - NS-Assessment	0-3 yrs	Fry and parr	W	Denys	Caudal clip	88			August - September	Denys	
Unama'ki Institute of Natural Resources; DFO Maritimes - NS-Assessment	0-3 yrs	Fry and parr	W	Benacadie	Caudal clip	19			August - September	Benacadie	
Unama'ki Institute of Natural Resources; DFO Maritimes - NS-Assessment	0-3 yrs	Fry and parr	W	Breac Brook	Caudal clip	23			August - September	Breac Brook	
Unama'ki Institute of Natural Resources; DFO Maritimes - NS-Assessment	0-3 yrs	Fry and parr	W	Sydney	Caudal clip	66			August - September	Sydney	
Unama'ki Institute of Natural Resources; Dalhousie University, Ocean Tracking Network, Cape Breton University	2-3 yrs	Smolt	W	Middle	Acoustic	50	44398-44447		May	Middle	Vemco V8-4x (69kHz)
Unama'ki Institute of Natural Resources	2-4 yrs	Smolt	W	Middle	Caudal clip	498			May - June	Middle	
Unama'ki Institute of Natural Resources	2-4 yrs	Smolt	H	Middle	Caudal clip	3			May - June	Middle	

Canada continued.

Newfoundland and Labrador											
DFO NL Region	1SW / MSW	Adult	W	Campbellton	T-bar anchor	55	S0839-B - S0947-B		May	Campbellton	Flay
DFO NL Region	1SW / MSW	Adult	W	Campbellton	T-bar anchor	1	A01317-O		May	Campbellton	Flay
DFO NL Region	1SW / MSW	Adult	W	Campbellton	T-bar anchor	2	A04384-Y - A04385-Y		May	Campbellton	Flay
DFO NL Region	1SW	Adult	W	Campbellton	T-bar anchor	1	A04505-Y		May	Campbellton	Flay
DFO NL Region	1SW / MSW	Adult	W	Campbellton	T-bar anchor	1	A00875-Y		May	Campbellton	Flay
DFO NL Region	1SW	Adult	W	Campbellton	T-bar anchor	1	H91950-Y		May	Campbellton	Flay
DFO NL Region	1SW	Adult	W	Campbellton	T-bar anchor	1	S5597-G		May	Campbellton	Flay
DFO NL Region	1SW	Adult	W	Campbellton	T-bar anchor	1	H91786-Y		May	Campbellton	Flay
DFO NL Region	1SW / MSW	Kelt	W	Campbellton	T-bar anchor	200	A04351-Y - A04550-Y		May	Campbellton	Flay
DFO NL Region	1SW / MSW	Kelt	W	Campbellton	T-bar anchor	100	A04601-Y - A04700-Y		May	Campbellton	Flay
DFO NL Region	1SW / MSW	Kelt	W	Campbellton	T-bar anchor	100	S5451-G - S5600-G		May - June	Campbellton	Flay
DFO NL Region	3+, 4+, 5+	Smolt	W	Campbellton	T-bar anchor	25	A54551-Y - A54575-Y		May	Campbellton	Flay
DFO NL Region	3+, 4+, 5+	Smolt	W	Campbellton	T-bar anchor	25	A54626-Y - A54650-Y		May	Campbellton	Flay
DFO NL Region	3+, 4+, 5+	Smolt	W	Campbellton	T-bar anchor	150	A54701-Y - A54850-Y		May - June	Campbellton	Flay
DFO NL Region	3+, 4+, 5+	Smolt	W	Campbellton	T-bar anchor	100	A54901-Y - A55000-Y		June	Campbellton	Flay
DFO NL Region	1SW / MSW	Kelt	W	Western Arm Brook	Carlin	70	P39600-P39669		May - June	Western Arm Brook	
DFO NL Region	1SW	Kelt	W	Western Arm Brook	T-bar anchor	1	1951		June	Western Arm Brook	Flay
DFO NL Region	3+, 4+, 5+	Smolt	W	Western Arm Brook	T-bar anchor	300	852-900, 1003-1200, 1851-1916		May - June	Western Arm Brook	Flay
Quebec											
Atlantic Salmon Federation	2+	Smolt	W	Cascapedia	Acoustic	43	41734-42015		June	Cascapedia	
Cascapedia Society	2+ to 4+	Smolt	W	Cascapedia	Adipose clip	662			June	Cascapedia	
Conseil des Innus de Pessamit (SRSRB)	2+ to 5+	Smolt	W	Betsiamites	Adipose clip	708			June - July	Betsiamites	
INRS-MFFP	1SW / 2SW	Adult	W	Sainte-Marguerite Nord-Est	Acoustic	35	2899-2918, 37357-37373		June - August	Sainte-Marguerite Nord-Est	
MFFP	2+ to 4+	Smolt	W	Jacques-Cartier	VIE	7,278			May - June	Jacques-Cartier	
MFFP	0+	Parr	H	Jacques-Cartier	Adipose clip	18,958			August	Jacques-Cartier	
MFFP	0+	Parr	H	Rimouski	Adipose clip	47,767			September	Rimouski	
MFFP	2+ to 5+	Smolt	W	Trinité	Adipose clip	3,152			June - July	Trinité	
MFFP	2+ to 5+	Smolt	W	Vieux-Fort	Adipose clip	1,409			June - July	Vieux-Fort	
MFFP	2+ to 5+	Smolt	W	Saint-Jean (Gaspé)	Adipose clip	14,452			June - July	Saint-Jean	
WSP Canada (Hydro Québec)	2+ to 5+	Smolt	W	Romaine	Adipose clip	354			June - July	Romaine	
WSP Canada (Hydro Québec)	0+	Parr	W	Romaine	PIT (RFID)	121	173371, 173600-173699, 542364-542399		September - October	Romaine	

3.2 Denmark

ICES Compilation of microtag, fin clip and external tag releases

Marking season: 2016

Country: Denmark

Totals	Primary Tag or Mark				
	Origin	Microtag	External Mark	Adipose Clip	Other internal
	F1 Hatchery juvenile	92,450	20,000	305,100	1,903
	Wild juvenile				0
	Adult				788
	Total fish marked	92,450	20,000	305,100	2,691

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	125000			Autumn 2016	River Skjern Å
	1+	one year old	H	Skjern Å / River Skjern Å	CWT	72450		Adipose	Spring 2016	River Skjern Å
	1+ Smolt	one year old	H	Skjern Å / River Skjern Å	CWT	20,000		Adipose	Spring 2016	River Skjern Å
DTU	0+ - 1+	Fry and parr	H		PIT	539			2016	Skjern Å (Omme Å)
DTU	0+	Fry	H		PIT	1,102			2016	Gudsø Møllebæk
DTU	1+	Parr	H		PIT	262			2016	Skjern Å
DTU	Adult	Spawner	W		PIT	374			2016	Skjern Å
DTU	Adult	Spawner	W		PIT	414			2016	Varde Å
	0+	Half yearling	H	Varde Å / River Varde Å	Adipose	50000			Autumn 2016	River Varde Å
	1+	one year old	H	Varde Å / River Varde Å	Adipose	15,000			Spring 2016	River Varde Å
	0+	Half yearling	H	Ribe Å / River Ribe Å	Adipose	30000			Autumn 2016	River Ribe Å
	1+	one year old	H	Ribe Å / River Ribe Å	Adipose	20100			Spring 2016	River Ribe Å
	1+	one year old	H	Storå /River Storå	Adipose	20000			Spring 2016	River Storå
	0+	Half yearling	H	Stor Å	Adipose	0			Autumn 2016	River Rhine
	0+	Half yearling	H	Stor Å	Adipose	45000			Autumn 2016	River Elbe
	0+	Half yearling	H	Stor Å	Left ventral fin	20000			Autumn 2016	River Elbe

Notes:

[a] Includes PIT and radio/acoustic tags.

3.3 Iceland

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

Marking Season: 2016

Country:

Iceland

Origin	Primary Tag or Mark			Total
	Microtag	External mark	Adipose clip	
Hatchery Adult				0
Hatchery Juvenile	47,345			47,345
Wild Adult		79		79
Wild Juvenile	6,052	9		6,061

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	1016	47763SER	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangár	DCWT	1004	47763SER	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangár	DCWT	1005	47763SER	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangá	DCWT	852	47763SER	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangá	DCWT	182	47663SER	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangá	DCWT	1003	47663SER	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangá	DCWT	1004	47663SER	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Rangá	DCWT	2005	47663SER	ADC	June/July	Ytri-Rangá	
IFF	1+	Smolt	H	Tungufljót	DCWT	3010	47663SER	ADC	June/July	Tungufljót	
IFF	1+	Smolt	H	Eystri-Rangá	DCWT	500	47663SER	ADC	June/July	Afall	
IFF	1+	Smolt	H	Eystri-Rangá	DCWT	511	47663SER	ADC	June/July	Afall	
IFF	1+	Smolt	H	Eystri-Rangá	DCWT	1020	47663SER	ADC	June/July	Eystri-Rangá	
IFF	1+	Smolt	H	Eystri-Rangá	DCWT	1002	47663SER	ADC	June/July	Eystri-Rangá	
IFF	1+	Smolt	H	Eystri-Rangá	DCWT	1068	67663SER	ADC	June/July	Eystri-Rangá	
IFF	1+	Smolt	H	Eystri-Rangá	DCWT	392	47663SER	ADC	June/July	Eystri-Rangá	
IFF	1+	Smolt	H	Eystri-Rangá	DCWT	617	47863SER	ADC	June/July	Eystri-Rangá	
IFF	1+	Smolt	H	Eystri-Rangá	DCWT	1002	47863SER	ADC	June/July	Eystri-Rangá	
IFF	?	Smolt	W	Vesturdalsá	DCWT	6	47863SER	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DCWT	89	47863SER	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DCWT	47	47863SER	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DCWT	70	47863SER	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DCWT	860	47863SER	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DCWT	96	47863SER	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DCWT	433	47863SER	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DCWT	39	47863SER	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DCWT	649	47863SER	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DCWT	60	47863SER	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DCWT	5	47863SER	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Vesturdalsá	DCWT	641	47863SER	ADC	June/July	Vesturdalsá	
IFF	?	Smolt	W	Kálfá	DCWT	13	47463SER	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	9	47463SER	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	52	47463SER	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	13	47463SER	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	18	47463SER	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	32	47463SER	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	29	47463SER	ADC	June/July	Kálfá	

Iceland continued.

IFF	?	Smolt	W	Kálfá	DCWT	32	47463SER	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	38	47463SER	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	36	47463SER	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	7	47463SER	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	9	47463SER	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	3	47463SER	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	3	47463SER	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	7	47463SER	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	3	47463SER	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	46	47463SER	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	11	47463SER	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	37	47463SER	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	3	47463SER	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	33	47463SER	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	7	47463SER	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	9	47463SER	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	9	47463SER	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	11	47463SER	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	9	47463SER	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	4	47463SER	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	4	47463SER	ADC	June/July	Kálfá	
IFF	?	Smolt	W	Kálfá	DCWT	5	47463SER	ADC	June/July	Kálfá	
IFF	1+	Smolt	H	Eystri-Rangá	DCWT	1007	47863SER	ADC	June/July	Eystri-Rangá	
IFF	1+	Smolt	H	Eystri-Rangá	DCWT	1005	47863SER	ADC	June/July	Eystri-Rangá	
IFF	1+	Smolt	H	Eystri-Rangá	DCWT	1017	47863SER	ADC	June/July	Eystri-Rangá	
IFF	1+	Smolt	H	Eystri-Rangá	DCWT	1017	47863SER	ADC	June/July	Eystri-Rangá	
IFF	1+	Smolt	H	Eystri-Rangá	DCWT	1003	47863SER	ADC	June/July	Eystri-Rangá	
STR	?	Smolt	W	Ellíðaár	DCWT	121	046963SER	ADC	18/5 2016	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DCWT	33	046963SER	ADC	19/5 2016	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DCWT	92	046963SER	ADC	20/5 2016	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DCWT	50	046963SER	ADC	21/5 2016	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DCWT	192	046963SER	ADC	22/5 2016	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DCWT	213	046963SER	ADC	23/5 2016	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DCWT	306	046963SER	ADC	24/5 2016	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DCWT	448	046963SER	ADC	25/5 2016	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DCWT	127	046963SER	ADC	26/5 2016	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DCWT	378	046963SER	ADC	27/5 2016	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DCWT	68	046963SER	ADC	28/5 2016	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DCWT	100	046963SER	ADC	29/5 2016	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DCWT	2	046963SER	ADC	30/5 2016	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DCWT	305	046963SER	ADC	31/5 2016	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DCWT	100	046963SER	ADC	1/6 2016	Ellíðaár	
STR	?	Smolt	W	Ellíðaár	DCWT	30	046963SER	ADC	2/6 2016	Ellíðaár	
STR	1+	Smolt	H	Lagarfljót+Jökla	DCWT	11488	048063SER	ADC	June	Uppsalaá/Lagarfljót	
STR	1+	Smolt	H	Lagarfljót+Jökla	DCWT	11400	048163SER	ADC	June	Uppsalaá/Lagarfljót	
STR	1+	Smolt	H	Lagarfljót+Jökla	DCWT	1944	048263SER	ADC	June	Uppsalaá/Lagarfljót	
STR	1+	Smolt	H	Lagarfljót+Jökla	DCWT	271	048263SER	ADC	June	Uppsalaá/Lagarfljót	

Iceland continued.

IFF	?	Kelts	W	Þjórsá	Radio tag	1	150622		04/07/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150632		27/06/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150642		27/06/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150652		27/06/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150662		27/06/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150672		04/07/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150682		04/07/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150693		04/07/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150702		21/06/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150712		04/07/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150723		27/06/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150732		27/06/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150742		21/06/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150753		27/06/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150761		21/06/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150761		04/07/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150772		27/06/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150792		04/07/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150803		04/07/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150812		27/06/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150822		04/07/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150832		27/06/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150842		21/06/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150852		27/06/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150861		21/06/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150871		04/07/2016	Urriðafoss	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150882		21/06/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150893		04/07/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150922		12/08/2016	Urriðafoss	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150951		12/08/2016	Urriðafoss	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150972		12/08/2016	Urriðafoss	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150982		12/08/2016	Urriðafoss	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150992		04/07/2016	Urriðafoss	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	151001		12/08/2016	Urriðafoss	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	151014		10/08/2016	Þjótandi	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	151022		04/07/2016	Urriðafoss	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	151051		12/08/2016	Urriðafoss	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	151073		12/08/2016	Urriðafoss	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	151093		04/07/2016	Urriðafoss	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	151111		10/08/2016	Urriðafoss	

Iceland continued.

IFF	?	Kelts	W	Þjórsá	Radio tag	1	150693		07/09/2016	Búði	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150652		07/09/2016	Búði	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150912		07/09/2016	Búði	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	151100		07/09/2016	Búði	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	151093		07/09/2016	Búði	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150761		07/09/2016	Búði	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	151061		07/09/2016	Búði	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150703		07/09/2016	Búði	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	151042		07/09/2016	Búði	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	151032		07/09/2016	Búði	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150782		07/09/2016	Búði	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	151082		07/09/2016	Búði	
IFF	?	Kelts	W	Þjórsá	Radio tag	1	150903		07/09/2016	Búði	
IFF	?	Smolt	W	Kálfá	Radio tag	1	150522		02/06/2016	Kálfá	
IFF	?	Smolt	W	Kálfá	Radio tag	1	150502		02/06/2016	Kálfá	
IFF	?	Smolt	W	Sandá	Radio tag	1	150480		02/06/2016	Sandá	
IFF	?	Smolt	W	Sandá	Radio tag	1	150460		05/06/2016	Sandá	
IFF	?	Smolt	W	Sandá	Radio tag	1	150420		10/06/2016	Sandá	
IFF	?	Smolt	W	Sandá	Radio tag	1	150382		13/06/2016	Sandá	
IFF	?	Smolt	W	Sandá	Radio tag	1	150401		13/06/2016	Sandá	
IFF	?	Smolt	W	Sandá	Radio tag	1	150360		14/06/2016	Sandá	
IFF	?	Smolt	W	Sandá	Radio tag	1	150602		14/06/2016	Sandá	
STR	?	kelts	W	Botnsa	T_bar_red	10	IS 111325-111334		May 2016	River Botnsa	
STR	?	kelts	W	Fifustadalsa/Ranga	T_bar_red	4	IS 111403-111407		Oct. 2016	River Fifustadalsa/Ranga	
RAC	?	Kelt	W	Skjálfanda River	T-bar Green	1	IS106125		July-August 2016	Skjálfanda River	Catch and release
RAC	?	Kelt	W	Skjálfanda River	T-bar Green	1	IS106127		July-August 2016	Skjálfanda River	Catch and release
RAC	?	Kelt	W	Skjálfanda River	T-bar Green	2	IS106179 - IS106180		July-August 2016	Skjálfanda River	Catch and release
RAC	?	Kelt	W	Skjálfanda River	T-bar Green	1	IS106182		July-August 2016	Skjálfanda River	Catch and release
RAC	?	Kelt	W	Skjálfanda River	T-bar Green	2	IS106201 - IS106202		July-August 2016	Skjálfanda River	Catch and release
RAC	?	Kelt	W	Skjálfanda River	T-bar Green	2	IS106204 - IS106206		July-August 2016	Skjálfanda River	Catch and release
RAC	?	Kelt	W	Skjálfanda River	T-bar Green	6	IS106208 - IS106213		July-August 2016	Skjálfanda River	Catch and release
RAC	?	Kelt	W	Skjálfanda River	T-bar Green	2	IS106243 - IS106244		July-August 2016	Skjálfanda River	Catch and release
RAC	?	Kelt	W	Skjálfanda River	T-bar Green	2	IS106246 - IS106247		July-August 2016	Skjálfanda River	Catch and release
RAC	?	Kelt	W	Skjálfanda River	T-bar Green	7	IS106294 - IS106300		July-August 2016	Skjálfanda River	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

3.4 Ireland

ICES Compilation of microtag, fin clip and external tag releases

Marking season: 2016–2017

Country:

Totals

Origin	Microtag	Primary Tag or Mark			Total
		External Mark	Adipose Clip	Other internal [a]	
Hatchery juvenile	185,891				185,891
Wild juvenile	6,639				6,639
Adult					0
Total fish marked	192,530	0	0	0	192,530

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	11555		74729 Fin Clip	11/04/2016	ERNE RIVER
Marine Institute	1+	smolt	H	CARRIGADROHID	CWT	11466		74730 Fin Clip	04/04/2016	LEE RIVER
Marine Institute	1+	smolt	H	CONG	CWT	10545		74734 Fin Clip	15/03/2016	CONG RIVER
Marine Institute	1+	smolt	H	CONG	CWT	10600		74733 Fin Clip	15/03/2016	CONG RIVER
Marine Institute	1+	smolt	H	CONG	CWT	10643		74780 Fin Clip	15/03/2016	CONG RIVER
Marine Institute	1+	smolt	H	CONG	CWT	10811		74785 Fin Clip	15/03/2016	CONG RIVER
Marine Institute	1+	smolt	H	CONG	CWT	11401		74760 Fin Clip	15/03/2016	CORRIB RIVER
Marine Institute	1+	smolt	H	CONG	CWT	3889		74782 Fin Clip	15/03/2016	ERRIFF RIVER
Marine Institute	1+	smolt	H	CONG	CWT	3926		74783 Fin Clip	15/03/2016	ERRIFF RIVER
Marine Institute	1+	smolt	H	CONG	CWT	3947		74781 Fin Clip	15/03/2016	ERRIFF RIVER
Marine Institute	1+	smolt	H	CONG	CWT	4012		74784 Fin Clip	15/03/2016	ERRIFF RIVER
Marine Institute	1+	smolt	H	CONG	CWT	7303		74758 Fin Clip	15/03/2016	CONG RIVER
Marine Institute	1+	smolt	H	DELPHI	CWT	10872		74765 Fin Clip	29/04/2016	BUNDORRAGHA RIVER
Marine Institute	1+	smolt	H	DELPHI	CWT	11026		74766 Fin Clip	29/04/2016	BUNDORRAGHA RIVER
Marine Institute	1+	smolt	H	DELPHI	CWT	11612		74767 Fin Clip	29/04/2016	BUNDORRAGHA RIVER
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	3935		74776 Fin Clip	30/03/2016	LOUGH FEAGH
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	4015		74774 Fin Clip	03/05/2016	BURRISHOOLE ESTUARY
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	4020		74775 Fin Clip	03/05/2016	LOUGH FURNACE
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	7313		74762 Fin Clip	03/05/2016	LOUGH FURNACE
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	7315		74763 Fin Clip	03/05/2016	LOUGH FURNACE
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	7352		74764 Fin Clip	03/05/2016	LOUGH FURNACE
Marine Institute	1+	smolt	H	PARTEEN	CWT	9032		74727 Fin Clip	17/04/2016	SHANNON RIVER
Marine Institute	1+	smolt	H	PARTEEN	CWT	9301		74708 Fin Clip	17/04/2016	SHANNON RIVER
Marine Institute	1+	smolt	W	CORRIB WILD	CWT	6639		74786 Fin Clip	05/05/2016	CORRIB RIVER

Notes:

[a] Includes PIT and radio/acoustic tags.

3.5 Norway

ICES Compilation of microtag, fin clip and external tag releases

Marking season: 2016–2017

Country:

Totals	Primary Tag or Mark				
	Origin	Microtag	External Mark	Adipose Clip	Other internal [a]
	Hatchery juvenile	22,445	6,958		40,797
	Wild juvenile				2,638
	Adult		1,003		1,003
	Total fish marked	22,445	7,961	0	43,435
					73,841

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	
59/02/34_18574-19061, 59/02/41_14709-											
IMR	1	Smolt	H	Dale river	CWT	3,050	19062, 59/02/43_95-344	Adipose clip	22-May-16	Herdlaifjorden	Untreated
IMR	1	Smolt	H	Dale river	CWT	3,080	59/02/43_348-5340	Adipose clip	22-May-16	Herdlaifjorden	Treated with emmamectine benzoate
IMR	1	Smolt	H	Dale river	PIT	1,500		Adipose clip	04.06.16	Herdlaifjorden	Untreated
IMR	1	Smolt	H	Dale river	CWT	2,335	59/02/43_8940-13560	Adipose clip	04.06.16	Herdlaifjorden	Untreated
IMR	1	Smolt	H	Dale river	PIT	1,500		Adipose clip	04.06.16	Herdlaifjorden	Treated with emmamectine benzoate
IMR	1	Smolt	H	Dale river	CWT	2200	59/02/43_5365-8937	Adipose clip	04.06.16	Herdlaifjorden	Treated with emmamectine benzoate
IMR	1	Smolt	H	Dale river	CWT	780	59/02/43_13563-14842	Adipose clip	04.06.16	Herdlaifjorden	Treated with emmamectine benzoate
IMR	2-3	Smolt	W	Etne river	PIT	1,367		Adipose clip (partly)	03.05.16-31.05.16	Etne river	
LFI, Uni Research Environ	1	Smolt	H	Vosso	CWT	11000	59-02-36_7079-7617, 59-02-40_377-1762	Adipose clip	May 2016	Voss fjordsystem	
LFI, Uni Research Environ	1	Smolt	H	Vosso	PIT	29000		Adipose clip	May 2016	Voss fjordsystem	
NINA	1	Smolt	H	Imsa	Carlin	2981	NO 25000-27999		04.05.16	Imsa nedenfor fella	Forsøksserie 1/2016, Imsa Varm L04/15
NINA	1	Smolt	H	Imsa	Carlin	1988	NO 28000-229398		04.05.16	Imsa nedenfor fella	Forsøksserie 1/2016, Imsa Kald L 03/15
NINA	1	Smolt	H	Imsa	Carlin	1989	NO 18000-19999		04.05.16	Imsa nedenfor fella	Forsøksserie 1/2016, Lone L 06/15
NINA		Adult	W		Lea	334	X 99566-99900		01.05.16-31.08.16	Mølnbukt, Agdenes	Caught in bag net, tagged and released
NINA		Adult	W		Lea	669	X 100001-100669		01.05.16-31.08.16	Mølnbukt, Agdenes	Caught in bag net, tagged and released
NINA	1	Juvenile?	H	Imsa	PIT	760			26.11.16	Imsa ovenfor fella	Imsa Varm L04/15
NINA	2-3	Smolt	W	Vigda	PIT	987			25.04.16-18.05.16	Vigda	
NINA	2-3	Smolt	W	Sylteelva	PIT	891			13.04.16-18.05.16	Sylteelva	
NINA	2	Smolt	H	Surna	PIT	2,797			April 2016	Surna	
NINA	1	Smolt	H	Eira	PIT	3,000			April 2016	Eira	
NINA	2	Smolt	H	Eira	PIT	3,000			April 2016	Eira	

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

3.6 Russia

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

Marking Season: 2016

Country: RUSSIA

Primary Tag or Mark				
Origin	Microtag ¹	External tag ²	Adipose clip ³	Total
Hatchery Adult				0
Hatchery Juvenile			1,461,482	1,461,482
Wild Adult		1,524		1,524
Wild Juvenile				0

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
PINRO	1SW-3SW	adult	W	Ponoi River	Floy T-Bar	1,174	41001-42000 45501-45525 46001-47000		May-September	Ponoi River	Catch-and-release fishery
PINRO	1SW-3SW	adult	W	Kharlovka River	Floy Dart	100	6101-6200		June - July	Kharlovka River	Catch-and-release fishery
PINRO	1SW-3SW	adult	W	Rynda River	Floy Dart	90	1401-1499		June - July	Rynda River	Catch-and-release fishery
PINRO	1SW-3SW	adult	W	Eastern Litsa River	Floy Dart	100	1301-1400		June - July	Eastern Litsa River	Catch-and-release fishery
PINRO	1SW-3SW	adult	W	Yokanga River	Floy Dart	60	1301-1361		May-July	Yokanga River	Catch-and-release fishery
Umbosky hatchery	1.	parr	H	Umba	AD	196,300			April-May	Umba River	
Knyzhgubsky hatchery	1.	parr	H	Kola River	AD	210,000			May	Kola River	
Kandalakhsy hatchery	1.	parr	H	Kola River	AD	400,000			April-May	Kola River	
Solzensky hatchery	1.	parr	H	Suzma River	AD	14,000			April	Suzma River	
Solzensky hatchery	2.	parr	H	Solza River	AD	44,760			April	Solza River	
Solzensky hatchery	1.	parr	H	Onega River	AD	26,400			April	Onega River	
Solzensky hatchery	2.	parr	H	Onega River	AD	13,600			April	Onega River	
Solzensky hatchery	1.	parr	H	Solza River	AD	25,240			April	Solza River	
Onezhsky hatchery	1.	parr	H	Koja River	AD	70,000			April	Koja River	
Wygskiy hatchery	1.	parr	H	Keret River	AD	143,240			April	Keret River	
Wygskiy hatchery	1.	parr	H	Suma River	AD	40,000			April	Suma River	
Wygskiy hatchery	1.	parr	H	Wyg River	AD	36,270			April	Wyg River	
Kemskiy hatchery	1.	parr	H	Kem River	AD	161,220			April	Kem River	
Kemskiy hatchery	2.	parr	H	Kem River	AD	80,452			April	Kem River	

¹ Microtag - cwts² External tag - other external tags (Carlin, streamer, spaghetti, VIE...)³ Adipose clip - adipose clipped fish

3.7 Spain (Cantabria)

ICES Compilation of microtag, fin clip and external tag releases

Marking season: 2016–2017

Country: SPAIN (Cantabria)

Totals	Primary Tag or Mark				Total
	Origin	Microtag	External Mark	Adipose Clip Other internal [a]	
	Hatchery juvenile	69,568	0	0	69,568
	Wild juvenile	0	0	0	0
	Adult	0	0	0	0
	Total fish marked	69,568	0	0	69,568

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
Gobierno de Cantabria	0+	Fry		Asón 16		14,717			jun.-16	Asón (Bustablaio)
Gobierno de Cantabria	0+	Fry		Pas 16		16,627			jun.-16	Pas
Gobierno de Cantabria	0+	Fry		Deva 16		25,521			jul.-16	Deva
Gobierno de Cantabria	0+	Parr	H	Asón 16	DCWT	11,837	23/32/09	ADC	20/09/2016	Cubera (Asón)
Gobierno de Cantabria	0+	Parr	H	Asón 16	DCWT	11,764	23/32/10	ADC	26/10/2016	Coto Arredondo (Asón)
Gobierno de Cantabria	0+	Parr	H	Asón 16	DCWT	794	23/30/22	ADC	30/09/2016	Liérganes (Miera)
Gobierno de Cantabria	0+	Parr	H	Asón 16	DCWT	446	23/30/47	ADC	30/09/2016	Liérganes (Miera)
Gobierno de Cantabria	0+	Parr	H	Asón 16	DCWT	868	23/31/18	ADC	30/09/2016	Liérganes (Miera)
Gobierno de Cantabria	0+	Parr	H	Asón 16	DCWT	707	23/31/30	ADC	30/09/2016	Liérganes (Miera)
Gobierno de Cantabria	0+	Parr	H	Asón 16	DCWT	336	23/31/32	ADC	30/09/2016	Liérganes (Miera)
Gobierno de Cantabria	0+	Parr	H	Pas 16	DCWT	12,231	23/32/11	ADC	24/10/2016	La vega-riolangos (Pas)
Gobierno de Cantabria	0+	Parr	H	Deva 16	DCWT	11,948	23/32/12	ADC	27/10 y 2/11/2016	Infierno-urdon,castro (Deva)
Gobierno de Cantabria	0+	Parr	H	Pas 16	DCWT	978	23/31/19	ADC	03/11/2016	Besaya (Coto Somahoz)
Gobierno de Cantabria	0+	Parr	H	Pas 16	DCWT	915	23/30/51	ADC	03/11/2016	Besaya (Coto Somahoz)
Gobierno de Cantabria	0+	Parr	H	Pas 16	DCWT	392	23/30/41	ADC	03/11/2016	Besaya (Coto Somahoz)
Gobierno de Cantabria	0+	Parr	H	Pas 16	DCWT	724	23/30/07	ADC	18/11/2016	Besaya (LSM La Viesca)
Gobierno de Cantabria	0+	Parr	H	Pas 16	DCWT	618	23/31/11	ADC	18/11/2016	Besaya (LSM La Viesca)
Gobierno de Cantabria	0+	Parr	H	Pas 16	DCWT	202	23/30/50	ADC	18/11/2016	Besaya (LSM La Viesca)
Gobierno de Cantabria	0+	Parr	H	Pas 16	DCWT	571	23/30/45	ADC	18/11/2016	Besaya (LSM La Viesca)
Gobierno de Cantabria	0+	Parr	H	Pas 16	DCWT	520	23/30/27	ADC	18/11/2016	Besaya (LSM La Viesca)
Gobierno de Cantabria	0+	Parr	H	Pas 16	DCWT	197	23/30/39	ADC	18/11/2016	Besaya (LSM La Viesca)
Gobierno de Cantabria	0+	Parr	H	Pas 16	DCWT	260	23/30/40	ADC	18/11/2016	Besaya (LSM La Viesca)
Gobierno de Cantabria	0+	Parr	H	Pas 16	DCWT	264	23/31/93	ADC	18/11/2016	Besaya (LSM La Viesca)
Gobierno de Cantabria	0+	Parr	H	Pas 16	DCWT	421	23/31/92	ADC	18/11/2016	Besaya (LSM La Viesca)
Gobierno de Cantabria	0+	Parr	H	Pas 16	DCWT	586	23/31/95	ADC	18/11/2016	Besaya (LSM La Viesca)
Gobierno de Cantabria	0+	Parr	H	Nansa 16	DCWT	11,989	23/32/13	ADC	!0, 22 y 23/12/2016	Deva (Olios, Bejar y Angeles)

Notes:

[a] Includes PIT and radio/acoustic tags.

3.8 Sweden

ICES Compilation of microtag, fin clip and external tag releases

Marking season: 2016–2017

Country: Sweden

Totals	Primary Tag or Mark				Other internal [a]	Total
	Origin	Microtag	External Mark	Adipose Clip		
	Hatchery juvenile		3,100	164,931		168,031
	Wild juvenile		381			381
	Adult					0
	Total fish marked	0	3,481	164,931	0	168,412

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
Laholm Salmon Hatchery	1	Smolt	Hatchery	River Lagan	Carlin	1,000		Adipose finclip	Apr-17	River Nissan
Laholm Salmon Hatchery	1	Smolt	Hatchery	River Lagan	Carlin	1,400		Adipose finclip	Apr-17	River Lagan
Laholm Salmon Hatchery	2	Smolt	Hatchery	River Lagan	Carlin	600		Adipose finclip	Apr-17	River Lagan
Swedish Univ. of Agri. Sciences	1-3	Smolt	Wild	River Ätran	Carlin	381	L201610301		Apr-17	River Ätran

3.9 UK (England and Wales)

ICES Compilation of microtag, fin clip and external tag releases

Marking season: 2016

Country: UK (England and Wales)

Totals	Primary Tag or Mark				Total
	Origin	Microtag	External Mark	Adipose Clip ther internal [
	Hatchery juvenile			11,647	11,647
	Wild juvenile	5,722		6,121	11,843
	Adult		514	2	516
	Total fish marked	5,722	514	17,768	24,006

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	166	Green 1876 - 2600	None	Nov - Dec 2016	Tyne & tributaries
Natural Resources Wales	Various	Smolt	W	Dee (Worthenbury)	CWT	1,200	01/42/48	Adipose	Apr-May 2016	Dee - Worthenbury
Natural Resources Wales	Various	Smolt	W	Dee (Ceiriog)	CWT	496	01/42/88	Adipose	May 2016	Dee - Ceiriog
Natural Resources Wales	Various	Adult	W	Dee	Floy tag	348	Various (blue and blue/green)	None	March-Oct 2016	Dee - Chester
Natural Resources Wales	1+	Smolt	H	Dee	Adipose clip	1,942		None	March 2016	Dee - Glan-yr-Afon
Natural Resources Wales	1+	Parr	H	Dee	Adipose clip	5,700		None	Nov-Dec 2016	Dee - Tryweryn
Natural Resources Wales	Various	Adult	W	Taff	PIT	2		None	Jan 2016	Taff - Penarth
Natural Resources Wales	1+ & 2+	Smolt	H	Taff	Adipose clip	3,955		None	Apr-May 2016	Taff - Radyr
Natural Resources Wales	2+	Smolt	H	Taff	Adipose clip	50		Acoustic tag	April 2016	Taff - Radyr
EA South West	Various	Smolt	W	Tamar	CWT	4,026	01/42/94	Adipose	April-May 2016	Tamar
Cefas	Various	Parr	W	Itchen	Adipose clip	85	Codes start: DC00xxxxxx	PIT tag	July 2016	Itchen
Cefas/NRW	Various	Parr	W	Dee (Ceiriog)	Adipose clip	794	Codes start: DC00xxxxxx	PIT tag	Sept 2016	Dee - Ceiriog
Cefas/GWCT	0+	Parr	W	Frome	Adipose clip	4,922	Codes start: 3DD.003B (hexadecimal) or 989001003 (decimal)	PIT tag	Aug-Sept 2016	Frome
Cefas/GWCT	1+	Parr	W	Frome	Adipose clip	316	Codes start: 3DD.003B (hexadecimal) or 989001003 (decimal)	PIT tag	Aug-Sept 2016	Frome
Cefas/GWCT	2+	Parr	W	Frome	Adipose clip	4	Codes start: 3DD.003B (hexadecimal) or 989001003 (decimal)	PIT tag	Aug-Sept 2016	Frome

Notes:

[a] Includes PIT and radio/acoustic tags.

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

Country: UK (N. Ireland)

[illegible]

3.11 UK (Scotland)

ICES Compilation of microtag, fin clip and external tag releases

Marking season: 2016–2017

Country:

Totals	Primary Tag or Mark				Total
	Origin	Microtag	External Mark	Adipose Clip Other internal [a]	
Hatchery juvenile		0	0	103,141	103,141
Wild juvenile		2,300	0	14	12,571
Adult		0	520	30	550
Total fish marked		2,300	520	103,185	116,262

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
Ayrshire Rivers Trust	1+	Parr	W	River Doon	PIT tag	140	Data supplied to MSS	Adipose clip	23/03/16 - 26/03/16	Garpel Burn (NS4725997999)
Cromarty Firth DSFB	S2&S3	Smolt	W	River Bran	PIT tag	1000	Data supplied to MSS	Adipose clip	April & May	Below Tor Achilty Dam
Cromarty Firth DSFB	S2&S3	Smolt	W	River Meig	PIT tag	460	Data supplied to MSS	Adipose clip	April & May	Meig at head of Loch Meig
Deveron Bogie Isla Rivers Trust	2 or 3	Smolt	W	Upper River Deveron	Acoustic tag	150	Data supplied to MSS	None	14/04/2016	Upper River Deveron
Kyle of Sutherland DSFB		Adult	W	Carron, Oykel and Shin	Floy Tagged	196	Kyle of Sutherland and numbered	None	March-September	Carron, Oykel and Shin
Kyle of Sutherland DSFB		Smolt	W	River Tirry and River Fiac	PIT tag	2261	See PIT Tags Sheet	None	March-May	River Shin
Marine Scotland Science		Smolt	W	River Loy, Scotland	PIT tag	805	Assorted (batch codes 0007 & DC004)	None	12/04/16 - 12/05/16	River Loy, Scotland
Marine Scotland Science		Smolt	W	River Lundy, Scotland	PIT tag	424	Assorted (batch codes 0007 & DC004)	None	12/04/16 - 12/05/16	River Lundy, Scotland
Marine Scotland Science		Smolt	W	River Conon, Scotland	PIT tag	1999	Assorted (batch code DC005)	None	25/04/16 - 04/05/16	River Conon, Scotland
Marine Scotland Science		Smolt	W	River Lochy	Acoustic tag	10	Codes (map S256 code numbers 8-17)	None	13/04/16 - 30/04/16	Rivers Loy & Lundy (tribs of Lochy)
Marine Scotland Science		Smolt	W	River Lochy	Acoustic tag	40	Codes (map R64k code numbers 585-62)	None	13/04/16 - 30/04/16	Rivers Loy & Lundy (tribs of Lochy)
Marine Scotland Science	1,2,3,4	Parr	W	Girnock Burn (River Dee)	Micro/Std	1024	62/16/50	Adipose clip	02/03/16 - 04/04/16	Girnock Burn (River Dee)
Marine Scotland Science	1,2,3,4	Parr	W	Girnock Burn (River Dee)	Micro/Std	1276	62/50/22	Adipose clip	04/04/16 - 09/12/16	Girnock Burn (River Dee)
Marine Scotland Science	1,2,3 SW	Adult	W	Girnock Burn (River Dee)	Floy	44		None	14/10/16 - 14/11/16	Girnock Burn (River Dee)
Marine Scotland Science	1,2,3 SW	Adult	W	Baddoch Burn (River Dee)	Floy	27		None	15/10/16 - 14/11/16	Baddoch Burn (River Dee)
MSS Freshwater Ecology	Various	Smolt	W	River Orchy (River Awe)	PIT tag	2590	Various	None	Spring 2016	River Awe
MSS Freshwater Ecology	Various	Smolt	W	River Orchy (River Awe)	Acoustic tags	40	645-684	None	Spring 2016	River Awe
River Dee Trust	1-2+	Smolt	W	River Dee, Aberdeenshire	Internal acous	50	41939 - 41988	None	27/4/16 - 6/5/16	
River Naver Fishery	3 to 6 Years	Adult	W	River Naver Catchment	Floy Tag	141	Brown Floy Tags. Data supplied to MSS	None	04/03/16 - 30/09/16	River Naver
Spey Fishery Board	0+	Fry	H	River Spey	Adipose clip	85,000	N/A	None	September	Tommor, Durnain, and Knockando
Spey Fishery Board	Adult	Adult Kelt	W	River Spey	Floy Tagged	52	Yellow-03980 to Yellow-04031	None	November	Lower Avon
Tay DSFB	0	Parr	H	Reconditioned kelts, ultra	Adipose clip	10140		None	October	River Tay, Stanley. NO 120 331
Tay DSFB	0	Parr	H	Reconditioned kelts, ultra	Adipose clip	4041		None	October	River Lyon. NN 525 430
Tay DSFB	0	Parr	H	Reconditioned kelts, ultra	Adipose clip	3960		None	October	River Lochay. NN 436 351
Tay DSFB	2+ and 3+	Smolt	W	Errochty Water NN 806	PIT tag	388	349EB3457D to 349ED3A719	None	April & May	Errochty Water and River Tummel
The Tweed Foundation		Adult	W	Tweed	Yellow Floy tag	60	Tweed + number	None	May - August	Paxton, Lower Tweed
Wester Ross Fisheries Trust		Smolt	W	wild from Tournais system	Adipose clip	14	none	None	April - May	River Tournais by Loch Ewe
Wester Ross Fisheries Trust		Grilse	W	wild entering River Tournais	Adipose clip	30	none	None	August & September	River Tournais system above trap

Notes:

[a] Includes PIT and radio/acoustic tags.

Cromarty Firth DSFB (1) Part of long term monitoring project with MSS. (2) Project to assess smolt escapement from Meig Dam.

Kyle of Sutherland DSFB Adult salmon caught on rod and line and subsequently tagged and released by anglers to look at recapture rates. Smolts tagged to measure efficacy of management measures

River Dee Trust Tag battery life only 11 weeks

River Naver Fishery Of the 141 fish tagged and released, a total of 2 known recaptures occurred during the 2016 season on the Naver, giving us a recapture rate of 1.42%.

According to historic data we have, this is below expectation, with the River Naver exhibiting an average recapture rate of 5.48% over 17 seasons of recorded Floy Tagging data (2000 – 2016).

Spey Fishery Board Fry tagged - 35,000 Tommore, 25,000 Durnain and Knockando.

Tay DSFB Caught in rotary screw trap

The Tweed Foundation Fish heading up river to spawn

Wester Ross Fisheries Trust DNA samples

3.12 US

ICES Compilation of microtag, fin clip and external tag releases

Marking season: 2016–2017

Country:

Totals	Primary Tag or Mark				
	Origin	Microtag	External Mark	Adipose Clip	Other internal [a]
	Hatchery juvenile		102,240	215,074	2,756
	Wild juvenile				0
	Adult		7	22	3,293
	Total fish marked	0	102,247	215,096	6,049

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		adult	H	Penobscot	radio	20			1-Jun-16	Kennebec
Brookfield	1	smolt	H	Penobscot	acoustic	60			May 2016	Union
Brookfield	1	smolt	H	Penobscot	radio	568			4-May-16	Penobscot
Brookfield	1	smolt	H	Penobscot	radio	180			May 2016	Union
CBNFH	3-5	adult	H	Dennys	PIT	73		Double ad punch	29-Nov-16	Dennys
CBNFH	3-6	adult	H	East Machias	PIT	223		Double ad punch	22-Nov-16	East Machias
CBNFH	3-5	adult	H	Machias	PIT	256		Double ad punch	28-Nov-16	Machias
CBNFH	3-6	adult	H	Narraguagus	PIT	268		Double ad punch	21-Nov-16	Narraguagus
CBNFH	3	adult	H	Penobscot	PIT	489		Double ad punch	24-May-16	Penobscot
CBNFH		adult	H	Penobscot	PIT	278		Adipose punch	1-Dec-16	Penobscot
CBNFH	3-5	adult	H	Pleasant	PIT	138		Double ad punch	29-Nov-16	Pleasant
CBNFH	3-5	adult	H	Sheepscot	PIT	202		Double ad punch	30-Nov-16	Sheepscot
CBNFH	0	parr	H	Sheepscot	adipose clip	15,400			19-Sep-16	Sheepscot
Conte	4	adult	H	Connecticut	PIT	3			May and June 2016	Connecticut
CTDEEP	4	adult	H	Connecticut	FLOY	6			July 2016	Connecticut
DMR		adult	H	Androscoggin	adipose clip	4			1-Jun-16	Androscoggin
DMR		adult	H	Penobscot	adipose clip	18			21-Jun-16	Kennebec
DMR		adult	H	Penobscot	PIT	153		adipose clip	28-Jun-16	Penobscot
EMARC	0	parr	H	East Machias	adipose clip	199,674			24-Oct-16	East Machias
GLNFH	3-4	adult	H	Penobscot	PIT	1,143		Double ad punch	6-Dec-16	Penobscot
GLNFH	1	smolt	H	Penobscot	VIE	23,518	Left eye red	Adipose clip	28-Apr-16	Penobscot
GLNFH	1	smolt	H	Penobscot	VIE	30,928	Left eye green	Adipose clip	28-Apr-16	Penobscot
GLNFH	1	smolt	H	Penobscot	VIE	23,581	Right eye red	Adipose clip	2-May-16	Penobscot
GLNFH	1	smolt	H	Penobscot	VIE	24,213	Right eye green	Adipose clip	2-May-16	Penobscot
MADFW	4	adult	H	Connecticut	FLOY	1			June 2016	Connecticut
NMFS	1	smolt	H	Narraguagus	PIT	1,800		Adipose clip	April 2016	Narraguagus
USGS		adult	H	Penobscot	radio	47		PIT; adipose clip	1-Jun-16	Penobscot
USGS	1	smolt	H	Penobscot	acoustic	148		Adipose clip	27-Apr-16	Penobscot

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

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	343 Université Avenue Moncton NB E1C 9B6 Canada Scott.Douglas@dfo-mpo.gc.ca
Denmark	DTU Aqua - National Institute of Aquatic Resources Department of Inland Fisheries Att. Gorm Rasmussen	Vejlsøvej 39 8600 Silkeborg Denmark gr@aqua.dtu.dk
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 (Cantabria)	Calle Albert Einstein & Polígono Parque Científico y Tecnológico Att. Enrique Merino Gallo	39011 Santander Cantabria, Spain merino_en@cantabria.es
Sweden	Swedish Board of Fisheries Institute of Freshwater Research Att. Erik Degerman	Pappersbruksallen 22 702 15 Örebro Sweden Erik.degerman@slu.se
UK (England & Wales)	Cefas, Lowestoft Laboratory Att. Ian Russell	Pakefield Road, Lowestoft Suffolk NR33 OHT UK ian.russell@cefass.co.uk
UK (Scotland)	Marine Scotland Science, Freshwater Laboratory Field Station Att. Helen Downie	Inchbraoch House South Quay, Ferryden Montrose DD10 9SL Scotland, UK Helen.Downie@gov.scot
UK (N Ireland)	Agri-food and Biosciences Institute Att. Dennis Ensing	18a Newforge Lane BT9 5PX Belfast UK Dennis.ensing@afbini.gov.uk

COUNTRY	INSTITUTION	ADDRESS
US	National Oceanic and Atmospheric	166 Water Street
	Administration-NOAA	Woods Hole, MA 02453
	Northeast Fisheries Science Center	USA
	Att. Timothy Sheehan	Tim.sheehan@noaa.gov