

# ICES COMPILATION OF MICROTAGS, FINCLIP AND EXTERNAL TAG RELEASES 2019 BY THE WORKING GROUP ON NORTH ATLANTIC SALMON (WGNAS 2020 ADDENDUM)

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# 1 Terms of Reference

The Terms of Reference for the 2020 Working Group on North Atlantic Salmon (ICES CM 2019/2/FRSG17) stated that the group would:

“provide an overview of salmon catches and landings by country, including unreported catches and catch and release, and production of farmed and ranched Atlantic salmon in 2019.”

Data were provided by Working Group members for national tagging programmes, as far as possible including all agencies and organisations. The compilations for 2019 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 2.7.1 Summary of Atlantic salmon tagged and marked in 2019 - '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	1,044	47	432	1,523
	Hatchery Juvenile	0	339	0	0	339
	Wild Adult	0	1,527	0	268	1,795
	Wild Juvenile	0	4,918	9,626	3,073	17,617
	<b>Total</b>	<b>0</b>	<b>7,828</b>	<b>9,673</b>	<b>3,773</b>	<b>21,274</b>
Denmark	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	0	283,000	0	283,000
	Wild Adult	0	573	0	0	573
	Wild Juvenile	0	500	0	0	500
	<b>Total</b>	<b>0</b>	<b>1,073</b>	<b>283,000</b>	<b>0</b>	<b>284,073</b>
France	Hatchery Adult	0	0	10,000	0	10,000
	Hatchery Juvenile	0	0	0	0	0
	Wild Adult	0	0	0	291	291
	Wild Juvenile	0	0	0	5,483	5,483
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>10,000</b>	<b>5,774</b>	<b>15,774</b>
Iceland	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	80,448	0	0	0	80,448
	Wild Adult	0	142	0	29	171
	Wild Juvenile	4,425	0	0	1,533	5,958
	<b>Total</b>	<b>84,873</b>	<b>142</b>	<b>0</b>	<b>1,562</b>	<b>86,577</b>
Ireland	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	170,097	0	0	0	170,097
	Wild Adult	0	0	0	0	0
	Wild Juvenile	10,183	0	0	3,137	13,320
	<b>Total</b>	<b>180,280</b>	<b>0</b>	<b>0</b>	<b>3,137</b>	<b>183,417</b>
Norway	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	7,328	0	108,187	115,515
	Wild Adult	0	451	0	0	451
	Wild Juvenile	0	390	0	22,108	22,498
	<b>Total</b>	<b>0</b>	<b>8,169</b>	<b>0</b>	<b>130,295</b>	<b>138,464</b>
Russia	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	0	567,430	0	567,430
	Wild Adult	0	1,424	0	0	1,424
	Wild Juvenile	0	0	0	0	0
	<b>Total</b>	<b>0</b>	<b>1,424</b>	<b>567,430</b>	<b>0</b>	<b>568,854</b>
Spain	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	0	145,534	0	145,534
	Wild Adult	0	0	0	0	0
	Wild Juvenile	0	0	0	0	0
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>145,534</b>	<b>0</b>	<b>145,534</b>

<sup>1</sup> Includes other internal tags (PIT, ultrasonic, radio, DST, etc.)

<sup>2</sup> Includes Carlin, spaghetti, streamers, VIE etc.

Table 1. Continued.

Country	Origin	Primary Tag or Mark				Total
		Microtag	External mark <sup>2</sup>	Adipose clip	Other Internal <sup>1</sup>	
Sweden	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	0	141,628	0	141,628
	Wild Adult	0	0	0	0	0
	Wild Juvenile	499	0	0	0	499
	<b>Total</b>	<b>499</b>	<b>0</b>	<b>141,628</b>	<b>0</b>	<b>142,127</b>
UK (England & Wales)	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	0	4,960	0	4,960
	Wild Adult	0	360	0	0	360
	Wild Juvenile	4,022	0	10,184	169	14,375
	<b>Total</b>	<b>4,022</b>	<b>360</b>	<b>15,144</b>	<b>169</b>	<b>19,695</b>
UK (N. Ireland)	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	12,300	0	31,279	0	43,579
	Wild Adult	0	0	0	0	0
	Wild Juvenile	0	0	0	0	0
	<b>Total</b>	<b>12,300</b>	<b>0</b>	<b>31,279</b>	<b>0</b>	<b>43,579</b>
UK (Scotland)	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	0	47,568	0	47,568
	Wild Adult	0	336	0	7	343
	Wild Juvenile	0	0	0	12,436	12,436
	<b>Total</b>	<b>0</b>	<b>336</b>	<b>47,568</b>	<b>12,443</b>	<b>60,347</b>
Germany	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	0	119,030	0	119,030
	Wild Adult	0	0	1	0	0
	Wild Juvenile	0	0	16	349	365
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>119,047</b>	<b>349</b>	<b>119,396</b>
Greenland <sup>3</sup>	Hatchery Adult	0	0	0	0	0
	Hatchery Juvenile	0	20	0	4	24
	Wild Adult	0	0	0	0	0
	Wild Juvenile	0	0	0	0	0
	<b>Total</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>4</b>	<b>24</b>
USA	Hatchery Adult	0	0	0	2,410	2,410
	Hatchery Juvenile	0	0	362,836	508	363,344
	Wild Adult	0	19	34	1,167	1,220
	Wild Juvenile	0	0	0	114	114
	<b>Total</b>	<b>0</b>	<b>19</b>	<b>362,870</b>	<b>4,199</b>	<b>367,088</b>
All Countries	Hatchery Adult	0	1,044	10,047	2,842	13,933
	Hatchery Juvenile	262,845	7,687	1,703,265	108,699	2,082,496
	Wild Adult	0	4,832	35	1,762	6,628
	Wild Juvenile	19,129	5,808	19,826	48,402	93,165
	<b>Total</b>	<b>281,974</b>	<b>19,371</b>	<b>1,733,173</b>	<b>161,705</b>	<b>2,196,222</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> Individuals tagged in Greenland by Atlantic Salmon Federation, details within Canada's Tag report

### 3 Number of tags and marks applied to Atlantic salmon by country for 2019



### 3.1 Canada

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

Marking Season: 2019 Country: Canada

Origin	Primary Tag or Mark				Total
	Microtag	External tag <sup>1</sup>	Adipose clip <sup>2</sup>	Other Internal <sup>3</sup>	
Hatchery Adult	0	1,044	47	432	1,523
Hatchery Juvenile	0	339	0	0	339
Wild Adult	0	1,527	0	268	1,795
Wild Juvenile	0	4,918	9,626	3,073	17,617
<b>Total</b>	<b>0</b>	<b>7,828</b>	<b>9,673</b>	<b>3,773</b>	<b>21,274</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	Comment
Atlantic Salmon Federation	2+, 3+	Smolt	W	Restigouche	Acoustic	80	14602-14681		May	Restigouche	
Atlantic Salmon Federation	2+, 3+	Smolt	W	Northwest Miramichi	Acoustic	48	14682-14729		May	Northwest Miramichi	
Atlantic Salmon Federation	2+, 3+	Smolt	W	Little Southwest Miramichi	Acoustic	32	14730-14761		May	Little Southwest Miramichi	
Atlantic Salmon Federation	2+, 3+	Smolt	W	Southwest Miramichi	Acoustic	80	14762-14841		May	Southwest Miramichi	
Dalhousie University (Dr. Crossin)/Atlantic Salmon Federation	2+, 3+	Smolt	W	Little Southwest Miramichi	Acoustic	50	16235-16284		May	Little Southwest Miramichi	
Dalhousie University (Dr. Crossin)/Atlantic Salmon Federation	2+, 3+	Smolt	W	Southwest Miramichi	Acoustic	50	16285-16334		May	Southwest Miramichi	
DFO Gulf	15W	Adult	W	Northwest Miramichi	Carlin - blue	277	YY44183 - YY44188, YY48164	Radio, n=51, code 11-202	June - October	Northwest Miramichi	Estuarial trap
DFO Gulf	MSW	Adult	W	Northwest Miramichi	Carlin - blue	3	YY44404 - YY44406	Radio, n=1, code 183	June - October	Northwest Miramichi	Estuarial trap
DFO Gulf	MSW	Adult	W	Northwest Miramichi	Carlin - blue	70	YY48100 - YY48170	Radio, n=43, code 21-212	June - October	Northwest Miramichi	Estuarial trap
DFO Gulf	15W	Adult	W	Southwest Miramichi	Carlin - blue	50	YY43001 - YY43050	Radio, n=2, code 77, 105	June - October	Southwest Miramichi	Estuarial trap
DFO Gulf	15W	Adult	W	Southwest Miramichi	Carlin - blue	162	YY43101 - YY43264	Radio, n=14, code 113-204	June - October	Southwest Miramichi	Estuarial trap
DFO Gulf	15W	Adult	W	Southwest Miramichi	Carlin - blue	50	YY43651 - YY43700	Radio, n=5, code 75-106	June - October	Southwest Miramichi	Estuarial trap
DFO Gulf	15W	Adult	W	Southwest Miramichi	Carlin - blue	175	YY47463 - YY47650, YY49030, YY49825	Radio, n=24, code 13-94	June - October	Southwest Miramichi	Estuarial trap
DFO Gulf	MSW	Adult	W	Southwest Miramichi	Carlin - blue	56	YY49001 - YY49056, YY43261	Radio, n=16, code 60-208	June - October	Southwest Miramichi	Estuarial trap
DFO Gulf	MSW	Adult	W	Southwest Miramichi	Carlin - blue	90	YY49811 - YY49900, YY43222	Radio, n=34, code 12-137	June - October	Southwest Miramichi	Estuarial trap
Esgenopetitj First Nation	15W / MSW	Adult	W	Tabusintac	Carlin - blue	11	00462-00477		August - October	Tabusintac	Estuarial trap
Miramichi Salmon Association	2+, 3+	Smolt	W	Northwest Miramichi	Streamer - clear	73	2001-2074		May	Northwest Miramichi	
Miramichi Salmon Association	2+, 3+	Smolt	W	Little Southwest Miramichi	Streamer - clear	1,132	0001-1142		May - June	Little Southwest Miramichi	
Miramichi Salmon Association / IP Rocky Brook	2+, 3+	Smolt	W	Southwest Miramichi	Streamer - clear	220	5921-6000, 3320-3460		May	Southwest Miramichi	
Miramichi Salmon Association / IP Rocky Brook	2+, 3+	Smolt	W	Southwest Miramichi	Streamer - clear	408	856830-56900, 860050, MSA3461-3700, MSA1801-1899		October - November	Southwest Miramichi	
University of New Brunswick, Canadian Rivers Institute	2+, 3+	Pre-smolt	W	Little Southwest Miramichi	Acoustic predation	25	1329589-1329588		October - November	Little Southwest Miramichi	
University of New Brunswick, Canadian Rivers Institute	15W / MSW	Adult	W	Southwest Miramichi	Radio	46	14, 19, 38, 43, 61, 64, 66, 86, 90-126, 140	PIT 23mm (228000365497 - 228000365591)	September - October	Northwest Millstream	
University of New Brunswick, Canadian Rivers Institute	15W / MSW	Adult	W	Southwest Miramichi	T-bar anchor	11	0576, 5276, 5277, 5279, 5374, 5445, 5446, 5449, 5450, 5549, 5550	PIT 23mm (228000365584 - 228000365591)	October	Northwest Millstream	Floy tag
University of New Brunswick, Canadian Rivers Institute	15W / MSW	Adult	H	Northwest Miramichi	Radio	40	127-170	PIT 23mm (228000365517 - 228000365599)	September	Northwest Millstream	
University of New Brunswick, Canadian Rivers Institute	0+	Fry	W	Northwest Millstream	PIT	1,061	226000326210 - 226001571999		August	Northwest Millstream	12 mm tag
University of New Brunswick, Canadian Rivers Institute	1+, 2+	Parr	W	Northwest Millstream	PIT	130	228000249461 - 2280002049461		August	Northwest Millstream	12 & 23 mm tag
DFO Gulf	2+, 3+	Smolt	W	Margaree	Streamer - clear	195	841777-841783, 841785-841975		June	Margaree	
DFO Gulf	2+, 3+	Smolt	W	Margaree	Streamer - clear	186	843201-843389		June	Margaree	
DFO Gulf	2+, 3+	Smolt	W	Margaree	Streamer - clear	553	843437-844000		June	Margaree	
DFO Gulf	2+, 3+	Smolt	W	Margaree	Streamer - clear	92	860202-860294		June	Margaree	
DFO Gulf	15W / MSW	Adult	W	Margaree	Carlin - blue	13	46951-46959, 46976-46980		August	Margaree	
Province of NS, Margaree Fish Hatchery	15W / MSW	Adult	W	Margaree	Carlin - blue	49	33777-33800, 58151-58158, 58176-58194		November	Margaree	Margaree Hatchery
Province of NS, Margaree Fish Hatchery	15W / MSW	Adult	W	Middle	Carlin - blue	7	58163, 58164, 58169-58173		November	Middle	Twin Church
Province of NS, Margaree Fish Hatchery	15W / MSW	Adult	W	Baddeck	Carlin - blue	8	33773-33776, 58159-58162		November	Baddeck	Nicholson's Pool
Province of NS, Margaree Fish Hatchery	15W / MSW	Adult	W	Mabou	Carlin - blue	6	58165-58168, 58174, 58175		November	Mabou	Landing Pool

## Canada continued.

Maritimes Region												
DFO Maritimes - NB - Assessment	2-4 yrs	Smolt	W	Big Salmon	Dermal punch	647			May - June	Big Salmon	Dermal punch caudal (3 mm)	
DFO Maritimes - NB - Assessment	1SW	Adult	W	Big Salmon	Adipose punch	7			October	Big Salmon	Tissue sample	
DFO Maritimes - NB - Assessment	MSW	Adult	W	Big Salmon	Adipose punch	1			October	Big Salmon	Tissue sample	
DFO Maritimes - NB - Assessment	1SW	Adult	W	Big Salmon	Adipose punch	1			October	Big Salmon	Tissue sample, suspected aquaculture escape	
DFO Maritimes - NB - Assessment	MSW	Adult	W	Big Salmon	Adipose punch	2			October	Big Salmon	Tissue sample, suspected aquaculture escape	
DFO Maritimes - NB - Assessment	2-4 yrs	Smolt	W	Stewiacke	Dermal punch	240			May - June	Stewiacke	Dermal punch caudal (3 mm)	
DFO Maritimes - NB - Assessment	2-4 yrs	Smolt	W	Gaspereau	Dermal punch	373			April - May	Gaspereau	Dermal punch caudal (3 mm)	
DFO Maritimes - NB - Assessment	1-3 yrs	Pre-smolt	W	Tobique	Dermal punch	462			October - November	Tobique	Dermal punch caudal (3 mm)	
DFO Maritimes - NB - Assessment	1-3 yrs	Pre-smolt	H	Tobique	Dermal punch	238			October - November	Tobique	Dermal punch caudal (3 mm)	
DFO Maritimes - NB - Assessment	2-3 yrs	Smolt	W	Tobique	Dermal punch	11			April - May	Tobique	Dermal punch caudal (3 mm)	
DFO Maritimes - NB - Assessment	2-3 yrs	Smolt	H	Tobique	Dermal punch	101			April - May	Tobique	Dermal punch caudal (3 mm)	
DFO Maritimes - NB - Assessment	1SW	Adult	W	Tobique	Caudal punch	208			June - October	Tobique Fishway	Tissue sample	
DFO Maritimes - NB - Assessment	1SW	Adult	H	Tobique	Caudal punch	14			June - October	Tobique Fishway	Tissue sample	
DFO Maritimes - NB - Assessment	MSW	Adult	W	Tobique	Caudal punch	74			June - October	Tobique Fishway	Tissue sample	
DFO Maritimes - NB - Assessment	1SW	Adult	H	Tobique	Adipose & caudal punch	36			June - October	Tobique Fishway	Tissue sample	
DFO Maritimes - NB - Assessment	MSW	Adult	H	Tobique	Caudal punch	28			June - October	Tobique Fishway	Tissue sample	
DFO Maritimes - NB - Assessment	MSW	Adult	H	Tobique	V-Notch adipose & caudal punch	3			June - October	Tobique Fishway	Tissue sample	
DFO Maritimes - NB - Assessment	2-3 yrs	Smolt	W	Nashwaak	Dermal punch	326			April - May	Nashwaak	Dermal punch caudal (3 mm)	
DFO Maritimes - NB - Assessment	1SW	Adult	W	Nashwaak	Adipose punch	95			June - October	Nashwaak	Tissue sample	
DFO Maritimes - NB - Assessment	MSW	Adult	W	Nashwaak	Adipose punch	29			June - October	Nashwaak	Tissue sample	
DFO Maritimes - NB - Assessment	1SW	Adult	W	Nashwaak	Adipose & caudal punch	7			September - October	Nashwaak	Tissue sample	
DFO Maritimes - NB - Assessment	MSW	Adult	W	Nashwaak	Adipose & caudal punch	4			September - October	Nashwaak	Tissue sample	
DFO Maritimes - NB - Assessment	1SW	Adult	W	Nashwaak	Caudal punch	10			September - October	Nashwaak	Tissue sample	
DFO Maritimes - NB - Assessment	MSW	Adult	W	Nashwaak	Caudal punch	5			September - October	Nashwaak	Tissue sample	
DFO Maritimes - NB - Mactaquac Biodiversity Facility	4+	Adult	H	Tobique	V-Notch adipose	164			June	Saint John River - Tobique		
DFO Maritimes - NB - Mactaquac Biodiversity Facility	3+	Adult	H	Tobique	V-Notch adipose	292			October	Saint John River - Tobique		
DFO Maritimes - NB - Mactaquac Biodiversity Facility	3+	Adult	H	Beechwood	Adipose clip	27			November	Saint John River - Tobique		
DFO Maritimes - NB - Mactaquac Biodiversity Facility	2+	Adult	H	Tobique	V-Notch adipose	79			December	Saint John River - Tobique		
DFO Maritimes - NB - Mactaquac Biodiversity Facility	3+	Adult	H	Big Salmon	PIT	20			January	Irish River		
DFO Maritimes - NB - Mactaquac Biodiversity Facility	3+	Adult	H	Big Salmon	PIT	412			October - November	Little River		
DFO Maritimes - NB - Mactaquac Biodiversity Facility	4+	Adult	H	Beechwood	Adipose clip	20			June	Saint John River		
DFO Maritimes - Marine Threats	2-4 yrs	Smolt	W	Stewiacke	Acoustic	56	13113407-1324864		May	Stewiacke		
DFO Maritimes - Marine Threats	2-4 yrs	Smolt	W	Gaspereau	Acoustic	88	1311435-1319124		May	Gaspereau		
DFO Maritimes - Marine Threats	2-4 yrs	Smolt	W	Nashwaak	Acoustic	50	1313457-1313506		May	Nashwaak		
Parks Canada, Fundy National Park	MSW	Adult	H	Point Wolfe	T-bar anchor - red, short	10		FNP 2019	PIT (FDX)	September	Upper Salmon River	Floy tag, pre-spawn
Parks Canada, Fundy National Park	MSW	Adult	H	Point Wolfe	T-bar anchor - green, long	40		FNP 2019	PIT (FDX)	October	Upper Salmon River	Floy tag, pre-spawn
Parks Canada, Fundy National Park	1SW	Adult	H	Point Wolfe	T-bar anchor - white, short	260		FNP 2019	PIT (FDX)	October	Upper Salmon River	Floy tag, pre-spawn
Parks Canada, Fundy National Park	1SW	Adult	H	Point Wolfe	T-bar anchor - blue, short	14		FNP 2019	PIT (FDX)	October	Upper Salmon River	Floy tag, pre-spawn
Parks Canada, Fundy National Park	MSW	Adult	H	Point Wolfe	T-bar anchor - red, long	58		FNP 2019	PIT (FDX)	October	Upper Salmon River	Floy tag, pre-spawn
Parks Canada, Fundy National Park	MSW	Adult	H	Point Wolfe	T-bar anchor - red, long	6		FNP 2019	PIT (FDX)	December	Bay of Fundy, Mouth of Dickson Bk	Floy tag, post-spawn

Canada continued.

Newfoundland and Labrador												
							6757,6794,6795,6807-6812,6814-6819,6821,6824-6827,6829,14150					
							14154,14360-14363,14368-14371,14376-14379,14384,14386,15403					
							15432,16385-16434					
DFO NL Region	3x, 4x, 5x	Smolt	W	Western Arm Brook	Acoustic	120			June	Western Arm Brook		
DFO NL Region	3x, 4x, 5x	Smolt	W	Western Arm Brook	PIT	348	216966, 218913-219999, 950325	Caudal clip	June	Western Arm Brook		
DFO NL Region	3x, 4x, 5x	Smolt	W	Campbellton	PIT	418	219000-219679, 250080, 950000-950965	Caudal clip	June	Campbellton		
DFO NL Region	3x, 4x, 5x	Smolt	W	Garnish	PIT	347	218601-218799, 219607-219674, 950251-950999	Caudal clip	May	Garnish		
							670,64625,64629-64632,64636-					
DFO NL Region	3x, 4x, 5x	Smolt	W	Garnish	Acoustic	24	64638,64643,64644,64652,64654,64686-64693,64695,64696,64698		May	Garnish		
DFO NL Region	3x, 4x, 5x	Smolt	W	Bay de L'eau	Acoustic	25	6785-6790, 6794-6796, 6803-6805, 14282-14292, 14298		May	Bay de L'eau		
DFO NL Region	3x, 4x, 5x	Smolt	W	Rushoon	Acoustic	15	6791-6793, 6797-6802, 6806, 14293-14297		May	Rushoon		
DFO NL Region	15W / MSW	Kelt	W	Western Arm Brook	PIT	22	572029-575133	T-bar anchor, caudal clip	June	Western Arm Brook		
DFO NL Region	15W / MSW	Kelt	W	Western Arm Brook	Acoustic	22	6001-6032, 6747-6758	T-bar anchor, caudal clip	June	Western Arm Brook		
DFO NL Region	15W / MSW	Kelt	W	Campbellton	PIT	24	571124, 572029-572156	T-bar anchor, caudal clip	May	Campbellton		
DFO NL Region	15W / MSW	Kelt	W	Campbellton	Acoustic	20	14299, 14341-14359	T-bar anchor, caudal clip	May	Campbellton		
Quebec												
Atlantic Salmon Federation	4x	Kelt	W	Cascapedia	Acoustic	28	23491-23508, 50809-50818		May	Cascapedia		
Atlantic Salmon Federation	2x, 3x	Smolt	W	Cascapedia	Acoustic	26	14252-14261, 14842-14845, 47970-47972, 47974-47982		June	Cascapedia		
Ministère des Forêts, de la faune et des Parcs	2x to 5x	Smolt	W	Trinite	Adipose clip	3,766			May - June	Trinite		
Ministère des Forêts, de la faune et des Parcs	2x to 5x	Smolt	W	Saint-Jean (Gaspé)	Adipose clip	5,161			May - June	Saint-Jean (Gaspé)		
Conseil des Inus de Pessamit	2x to 5x	Smolt	W	Betsiamites	Adipose clip	699			June - July	Betsiamites		
WSP (APRSJ)	15W / MSW	Adult	W	Saint-Jean (Côte-Nord)	PIT	79	142057-142197, 142221-142246, 201302-201312	Adipose clip	June - July	Saint-Jean (Côte-Nord)		
WSP (Ekuantshit; Pourvoirie du Lac Allard et Rivière Mingan)	15W / MSW	Adult	W	Mingan	PIT	73	142063-142245, 1424058-1424078	Adipose clip	June - August	Mingan		
Greenland												
Atlantic Salmon Federation	3x	Adult	W	Unknown	PSAT	7	35577, 35578, 35587-35589, 35591, 35592		September	West Greenland		
Atlantic Salmon Federation	5x	Adult	W	Unknown	Acoustic	1			September	West Greenland		
Atlantic Salmon Federation	3x	Adult	W	Unknown	PSAT	13	35764-35766, 35768, 35769, 35771-35778		October	West Greenland		
Atlantic Salmon Federation	4x	Adult	W	Unknown	Acoustic	3	35506, 59512, 59513		October	West Greenland		
Additions for 2018 Canadian Tag Compilation												
Atlantic Salmon Federation	2x, 3x	Smolt	W	Restigouche	Acoustic	80	1282042-1282062, 128770-1288828		May	Restigouche		
DFO Maritimes -NB-Mactaquac Biodiversity Facility	4x	Adult	H	Tobique	V-Notch adipose	141			July	Saint John River - Tobique		
DFO Maritimes -NB-Mactaquac Biodiversity Facility	3x	Adult	H	Tobique	V-Notch adipose	540			October	Saint John River - Tobique		
DFO Maritimes -NB-Mactaquac Biodiversity Facility	3x	Adult	H	Tobique	V-Notch adipose	146			November	Saint John River - McKimley Ferry		
DFO Maritimes -NB-Mactaquac Biodiversity Facility	3x	Adult	H	Big Salmon	PIT	396			October - December	Little River		
DFO Maritimes -NB-Mactaquac Biodiversity Facility	3x	Adult	H	Big Salmon	PIT	434			October	Pollett River		
DFO Maritimes -NB-Mactaquac Biodiversity Facility	3x	Adult	H	Point Wolfe	PIT	225			October - December	Upper Salmon River		
Parks Canada, Fundy National Park	MSW	Adult	H	Point Wolfe	Garment - yellow	25			PIT (FDX)	September - October	Upper Salmon River	Floy tag, pre-spawn
Parks Canada, Fundy National Park	15W / MSW	Adult	H	Point Wolfe	T-bar anchor - orange, long/short	658			PIT (FDX)	October	Upper Salmon River	Floy tag, pre-spawn
Parks Canada, Fundy National Park	MSW	Adult	H	Point Wolfe	T-bar anchor - blue, long	239			PIT (FDX)	December	Bay of Fundy, Mouth of Dickson Bk	Floy tag, post-spawn and immature

## 3.2 Denmark

### ICES Compilation of microtag, fin clip and external tag releases

Marking season: 2019–2020

Country:

Totals	Origin	Primary Tag or Mark			Total
		Microtag	External Mark	Adipose Clip Other internal [a]	
	Hatchery juvenile			283,000	283,000
	Wild juvenile		500		500
	Adult		573		573
	<b>Total fish marked</b>	<b>0</b>	<b>1,073</b>	<b>283,000</b>	<b>284,073</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
Danmarks Center for Vildlak	1 year	juv/smolt		Ribe Å	Adipose clip	20,000			Apr-19	Ribe Å system
Danmarks Center for Vildlak	1 year	juv/smolt		Varde Å	Adipose clip	16,000			Apr-19	Varde Å system
Danmarks Center for Vildlak	1 year	juv/smolt		Skjern Å	Adipose clip	68,000			Apr-19	Skjern Å system
Danmarks Center for Vildlak	½ year	Juvenile		Ribe Å	Adipose clip	30,000			okt-19	Ribe Å system
Danmarks Center for Vildlak	½ year	Juvenile		Varde Å	Adipose clip	54,000			okt-19	Varde Å system
Danmarks Center for Vildlak	½ year	Juvenile		Skjern Å	Adipose clip	95,000			okt/nov-19	Skjern Å system
DTU Aqua	½-1½ years	juvenile		Omme Å	23mm PIT	500			Aug 19	Skjern Å system
DTU Aqua	3-6 years	adults		Varde Å	23mm PIT	184			Nov-19	Varde Å system
DTU Aqua	3-6 years	adults		Skjern Å	23mm PIT	389			Nov-19	Skjern Å system

### 3.3 France

Primary Tag or Mark

Marking season: 2019

France

Country:

Totals

Primary Tag or Mark					Total
Origin	Microtag	External Mark	Adipose Clip	Other internal [€]	
Hatchery juvenile			10,000		10,000
Wild juvenile				5,483	5,483
Adult				291	291
<b>Total fish marked</b>					<b>15,774</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
AFB Agence Française pour	1+ & 2+	Smolt	Wild	Bresle	PIT	356				Bresle
AFB Agence Française pour	na	Adult	Wild	Bresle	PIT	0				Bresle
INRA Institut National de la Fna		Adult	Wild	Oir	PIT	48				Oir
INRA Institut National de la F0+		Parr	Wild	Oir	PIT	297				Oir
INRA Institut National de la F1+ & 2+		Smolt	Wild	Oir	PIT	674				Oir
INRA Institut National de la Fna		Adult	Wild	Scorff	PIT	199				Scorff
INRA Institut National de la F0+		Parr	Wild	Scorff	PIT	2069				Scorff
INRA Institut National de la F1+ & 2+		Smolt	Wild	Scorff	PIT	2087				Scorff
INRA Institut National de la Fna		Adult	Wild	Nivelle	PIT	44				Nivelle
MIGRADOUR	0+	Parr	Hatchery	Gave de Pau	Adipose Clip	0			Summer	Gave de Pau
AAPPMA29	1+	Smolt	Hatchery	Elorn	Adipose Clip	10,000				Elorn

### 3.4 Germany

#### ICES Compilation of microtag, fin clip and external tag releases

Marking season: 2019–2020

Country: Germany

Totals	Origin	Microtag	Primary Tag or Mark		Total
			External Mark	Adipose Clip Other internal [a]	
	Hatchery juvenile			119,030	119,030
	Wild juvenile			349	349
	Adult			17	17
	<b>Total fish marked</b>	<b>0</b>	<b>0</b>	<b>119,047</b>	<b>119,396</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
DCV	1/2-year	Parr	H	Skjern Å	Adipose Clip	47,000			13/11/2019	Stepenitz
FARIO e.V.	1/2-year	Parr	H	Skjern Å	Ventrale Clip I	2,700			12/10/2019	Stepenitz
DCV	1/2-year	Parr	H	Skjern Å	0	16,000			07/11/2019	Pulsnitz / Schwarze Elster
DCV	1-year	Smolt	H	Skjern Å	0	20,000			14.+20.03.2019	Pulsnitz
DCV	1/2-year	Parr	H	Skjern Å	Ventrale Clip r	20,000			19/11/2019	Nuthe (Zerbst)
Institute of Inland Fisheries Potsdam	1 SW	Adult	H	Skjern Å	Adipose Clip	1	floytag - yellow - 2019	281	08/11/2019	Stepenitz
Institute of Inland Fisheries Potsdam	1 SW	Adult	H	Skjern Å	Adipose Clip	1	floytag - yellow - 2019	284	08/11/2019	Stepenitz
Institute of Inland Fisheries Potsdam	2 SW	Adult	H	Skjern Å	Adipose Clip	1	floytag - yellow - 2019	286	15/11/2019	Stepenitz
Institute of Inland Fisheries Potsdam	1 SW	Adult	H	Skjern Å	Adipose Clip	1	floytag - yellow - 2019	297	22/11/2019	Stepenitz
Institute of Inland Fisheries Potsdam	1 SW	Adult	H	Skjern Å	Adipose Clip	1	floytag - yellow - 2019	300	06/12/2019	Stepenitz
Institute of Inland Fisheries Potsdam	1 SW	Adult	H	Skjern Å	Adipose Clip	1	floytag - yellow - 2019	330	13/12/2019	Stepenitz
Institute of Inland Fisheries Potsdam	1 SW	Adult	H	Skjern Å	Adipose Clip	1	floytag - yellow - 2019	331	13/12/2019	Stepenitz
Institute of Inland Fisheries Potsdam	2 SW	Adult	H	Skjern Å	Adipose Clip	1	floytag - yellow - 2019	333	13/12/2019	Stepenitz
Institute of Inland Fisheries Potsdam	2 SW	Adult	H	Skjern Å	Adipose Clip	1	floytag - yellow - 2019	334	13/12/2019	Stepenitz
Institute of Inland Fisheries Potsdam	3 SW	Adult	H	Skjern Å	Ventrale Clip I	1	floytag - yellow - 2019	335	13/12/2019	Stepenitz
Institute of Inland Fisheries Potsdam	2 SW	Adult	W	Stepenitz	0	1	floytag - yellow - 2019	341	20/12/2019	Stepenitz
Institute of Inland Fisheries Potsdam	2 SW	Adult	H	Skjern Å	Adipose Clip	1	floytag - yellow - 2019	342	20/12/2019	Stepenitz
Institute of Inland Fisheries Potsdam	2 SW	Adult	H	Skjern Å	Adipose Clip	1	floytag - yellow - 2019	343	20/12/2019	Stepenitz
Institute of Inland Fisheries Potsdam	2 SW	Adult	H	Skjern Å	Adipose Clip	1	floytag - yellow - 2019	344	20/12/2019	Stepenitz
Institute of Inland Fisheries Potsdam	3 SW	Adult	H	Skjern Å	Adipose Clip	1	floytag - yellow - 2019	345	20/12/2019	Stepenitz
Institute of Inland Fisheries Potsdam	1 SW	Adult	H	Skjern Å	Adipose Clip	1	floytag - yellow - 2019	346	20/12/2019	Stepenitz
Institute of Inland Fisheries Potsdam	2 SW	Adult	H	Skjern Å	Ventrale Clip I	1	floytag - yellow - 2019	338	18/12/2019	Nuthe (Zerbst)
DCV	1-year	Smolt	H	Lagan	0	10,000			17/03/2020	Pulsnitz / Schwarze Elster
DCV	1-year	Smolt	H	Lagan	0	3,330			17/03/2020	Große Röder / Schwarze Elster

Notes:

[a] Includes PIT and radio/acoustic tags.

### 3.5 Iceland

ICES Compilation of microtag, fin clip and external tag releases

Marking season: 2019–2020

Country:

Totals	Origin	Microtag	Primary Tag or Mark		Total
			External Mark	Adipose Clip / Other internal [€]	
	Hatchery juvenile	80,448			80,448
	Wild juvenile	4,425		1,533	5,958
	Adult		142	29	171
<b>Total fish marked</b>	<b>84,873</b>	<b>142</b>	<b>0</b>	<b>1,562</b>	<b>86,577</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	Comment
MFRI	1+	Smolt	H	River Andakilsá	DCWT	4836	047963SER	ADC	June/July	River Andakilsá	
MFRI	1+	Smolt	H	River Andakilsá	DCWT	5027	047963SER	ADC	June/July	River Andakilsá	
MFRI	1+	Smolt	H	River Rangár	DCWT	503	056563SER	ADC	June/July	River Affall	
MFRI	1+	Smolt	H	River Rangár	DCWT	521	056563SER	ADC	June/July	River Affall	
MFRI	1+	Smolt	H	River Rangár	DCWT	520	056563SER	ADC	June/July	River Affall	
MFRI	1+	Smolt	H	River Rangár	DCWT	507	056563SER	ADC	June/July	River Affall	
MFRI	1+	Smolt	H	River Rangár	DCWT	1000	056363SER	ADC	June/July	River Eystri-Rangá	
MFRI	1+	Smolt	H	River Rangár	DCWT	501	047963SER	ADC	June/July	River Eystri-Rangá	
MFRI	1+	Smolt	H	River Rangár	DCWT	502	047963SER	ADC	June/July	River Eystri-Rangá	
MFRI	1+	Smolt	H	River Rangár	DCWT	504	047963SER	ADC	June/July	River Eystri-Rangá	
MFRI	1+	Smolt	H	River Rangár	DCWT	60	047963SER	ADC	June/July	River Eystri-Rangá	
MFRI	1+	Smolt	H	River Rangár	DCWT	441	056663SER	ADC	June/July	River Eystri-Rangá	
MFRI	1+	Smolt	H	River Rangár	DCWT	501	056663SER	ADC	June/July	River Eystri-Rangá	
MFRI	1+	Smolt	H	River Rangár	DCWT	501	056663SER	ADC	June/July	River Eystri-Rangá	
MFRI	1+	Smolt	H	River Rangár	DCWT	1001	056663SER	ADC	June/July	River Eystri-Rangá	
MFRI	1+	Smolt	H	River Rangár	DCWT	334	056663SER	ADC	June/July	River Eystri-Rangá	
MFRI	1+	Smolt	H	River Rangár	DCWT	334	056663SER	ADC	June/July	River Eystri-Rangá	
MFRI	1+	Smolt	H	River Rangár	DCWT	334	056663SER	ADC	June/July	River Eystri-Rangá	
MFRI	1+	Smolt	H	River Rangár	DCWT	334	056663SER	ADC	June/July	River Eystri-Rangá	
MFRI	1+	Smolt	H	River Rangár	DCWT	334	056663SER	ADC	June/July	River Eystri-Rangá	
MFRI	1+	Smolt	H	River Rangár	DCWT	341	056663SER	ADC	June/July	River Eystri-Rangá	
MFRI	1+	Smolt	H	River Hafnará	DCWT	503	056663SER	ADC	June/July	River Þverá	
MFRI	1+	Smolt	H	River Hafnará	DCWT	502	056663SER	ADC	June/July	River Þverá	
MFRI	1+	Smolt	H	River Tunguffjót	DCWT	3002	056663SER	ADC	June/July	River Tunguffjót	
MFRI	1+	Smolt	H	River Rangár	DCWT	1001	056663SER	ADC	June/July	River Eystri-Rangá	
MFRI	1+	Smolt	H	River Rangár	DCWT	1003	056663SER	ADC	June/July	River Eystri-Rangá	
MFRI	1+	Smolt	H	River Rangár	DCWT	517	056663SER	ADC	June/July	River Þverá	
MFRI	1+	Smolt	H	River Rangár	DCWT	504	056663SER	ADC	June/July	River Þverá	
MFRI	1+	Smolt	H	River Rangár	DCWT	1009	056563SER	ADC	June/July	River Eystri-Rangá	
MFRI	1+	Smolt	H	River Rangár	DCWT	220	056563SER	ADC	June/July	River Eystri-Rangá	
MFRI	1+	Smolt	H	River Rangár	DCWT	784	056763SER	ADC	June/July	River Eystri-Rangá	
MFRI	1+	Smolt	H	River Rangár	DCWT	1014	056763SER	ADC	June/July	River Austurbakki Hólsár	
MFRI	1+	Smolt	H	River Rangár	DCWT	1002	056763SER	ADC	June/July	River Austurbakki Hólsár	
MFRI	?	Smolt	W	River Vesturdalsá	Pit tag	54	Id starts with: 3DD.003D41	DCWT +ADC	June/July	River Vesturdalsá	
MFRI	?	Smolt	W	River Vesturdalsá	Pit tag	23	Id starts with: 3DD.003D41	DCWT +ADC	June/July	River Vesturdalsá	
MFRI	?	Smolt	W	River Vesturdalsá	Pit tag	5	Id starts with: 3DD.003D41	DCWT +ADC	June/July	River Vesturdalsá	
MFRI	?	Smolt	W	River Vesturdalsá	Pit tag	5	Id starts with: 3DD.003D41	DCWT +ADC	June/July	River Vesturdalsá	

## Iceland continued.

MFRI	?	Smolt	W	River Vesturdalsá	Pit tag	3	Id starts with: 3DD.003D41	DCWT +ADC	June/July	River Vesturdalsá	
MFRI	?	Smolt	W	River Vesturdalsá	Pit tag	14	Id starts with: 3DD.003D41	DCWT +ADC	June/July	River Vesturdalsá	
MFRI	?	Smolt	W	River Vesturdalsá	Pit tag	75	Id starts with: 3DD.003D41	DCWT +ADC	June/July	River Vesturdalsá	
MFRI	?	Smolt	W	River Vesturdalsá	Pit tag	88	Id starts with: 3DD.003D41	DCWT +ADC	June/July	River Vesturdalsá	
MFRI	?	Smolt	W	River Vesturdalsá	Pit tag	28	Id starts with: 3DD.003D41	DCWT +ADC	June/July	River Vesturdalsá	
MFRI	?	Smolt	W	River Vesturdalsá	Pit tag	116	Id starts with: 3DD.003D41	DCWT +ADC	June/July	River Vesturdalsá	
MFRI	?	Smolt	W	River Vesturdalsá	Pit tag	120	Id starts with: 3DD.003D41	DCWT +ADC	June/July	River Vesturdalsá	
MFRI	?	Smolt	W	River Vesturdalsá	Pit tag	241	Id starts with: 3DD.003D41	DCWT +ADC	June/July	River Vesturdalsá	
MFRI	?	Smolt	W	River Vesturdalsá	Pit tag	229	Id starts with: 3DD.003D41	DCWT +ADC	June/July	River Vesturdalsá	
MFRI	?	Smolt	W	River Vesturdalsá	Pit tag	4	Id starts with: 3DD.003D41	ADC	June/July	River Vesturdalsá	
MFRI	?	Smolt	W	River Kálfá	DCWT	14	056463SER	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	71	056463SER	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	23	056463SER	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	61	056463SER	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	28	056463SER	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	26	056463SER	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	17	056463SER	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	324	056463SER	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	263	056463SER	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	663	056463SER	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	699	056463SER	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	238	056463SER	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	265	056463SER	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	108	056463SER	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	215	056463SER	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	84	056463SER	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	62	056463SER	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	79	056463SER	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	71	056463SER	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	98	056463SER	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	89	056463SER	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	33	056463SER	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	25	056463SER	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	53	056463SER	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	172	056463SER	ADC	June/July	River Kálfá	
MFRI	?	Smolt	W	River Kálfá	DCWT	32	056463SER	ADC	June/July	River Kálfá	



Iceland continued.

STR	?	Smolt	W	River Elliðaár	DCWT	7	049063SER	ADC	June/July	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	4	049063SER	ADC	June/July	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	12	049063SER	ADC	June/July	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	7	049063SER	ADC	June/July	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	149	049063SER	ADC	June/July	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	69	049063SER	ADC	June/July	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	51	049063SER	ADC	June/July	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	13	049063SER	ADC	June/July	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	14	049063SER	ADC	June/July	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	15	049063SER	ADC	June/July	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	15	049063SER	ADC	June/July	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	6	049063SER	ADC	June/July	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	36	049063SER	ADC	June/July	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	64	049063SER	ADC	June/July	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	65	049063SER	ADC	June/July	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	40	049063SER	ADC	June/July	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	14	049063SER	ADC	June/July	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	13	049063SER	ADC	June/July	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	5	049063SER	ADC	June/July	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	3	049063SER	ADC	June/July	River Elliðaár	
STR	?	Smolt	W	River Elliðaár	DCWT	10	049063SER	ADC	June/July	River Elliðaár	
STR	1+	Smolt	H	River Lagarfljót and Jökulsá á Dal	DCWT	7956	049063SER	ADC	June/July	River Uppsalaá/Lagarfljót	
STR	1+	Smolt	H	River Lagarfljót and Jökulsá á Dal	DCWT	3300	049063SER	ADC	June/July	River Uppsalaá/Lagarfljót	
STR	1+	Smolt	H	River Lagarfljót and Jökulsá á Dal	DCWT	1330	049063SER	ADC	June/July	River Uppsalaá/Lagarfljót	
STR	1+	Smolt	H	River Lagarfljót and Jökulsá á Dal	DCWT	6823	049063SER	ADC	June/July	River Uppsalaá/Lagarfljót	
STR	1+	Smolt	H	River Lagarfljót and Jökulsá á Dal	DCWT	3051	049063SER	ADC	June/July	River Uppsalaá/Lagarfljót	
STR	1+	Smolt	H	River Lagarfljót and Jökulsá á Dal	DCWT	2013	049063SER	ADC	June/July	River Uppsalaá/Lagarfljót	
STR	1+	Smolt	H	River Lagarfljót and Jökulsá á Dal	DCWT	4516	049063SER	ADC	June/July	River Uppsalaá/Lagarfljót	
STR	1+	Smolt	H	River Lagarfljót and Jökulsá á Dal	DCWT	4669	049063SER	ADC	June/July	River Uppsalaá/Lagarfljót	
STR	1+	Smolt	H	River Lagarfljót and Jökulsá á Dal	DCWT	802	049063SER	ADC	June/July	River Uppsalaá/Lagarfljót	
STR	1+	Smolt	H	River Lagarfljót and Jökulsá á Dal	DCWT	820	049063SER	ADC	June/July	River Uppsalaá/Lagarfljót	
STR	1+	Smolt	H	River Lagarfljót and Jökulsá á Dal	DCWT	2393	049063SER	ADC	June/July	River Uppsalaá/Lagarfljót	
STR	1+	Smolt	H	River Lagarfljót and Jökulsá á Dal	DCWT	3105	049063SER	ADC	June/July	River Uppsalaá/Lagarfljót	
STR	1+	Smolt	H	River Lagarfljót and Jökulsá á Dal	DCWT	5023	049063SER	ADC	June/July	River Uppsalaá/Lagarfljót	
STR	1+	Smolt	H	River Lagarfljót and Jökulsá á Dal	DCWT	4650	049063SER	ADC	June/July	River Uppsalaá/Lagarfljót	

## Iceland continued.

MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150183+I-0		27.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150162+I-11		27.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150122+I-14		27.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150242+I-11		27.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150261+I-17		27.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150162+I-13		19.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150183+I-12		19.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150142+I-14		27.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150162+I-1		19.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150142+I-13		27.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150162+I-0		27.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150183+I-13		19.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150203+I-11		19.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150122+I-13		27.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150122+I-12		27.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150203+I-0		19.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150142+I-1		27.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150162+I-1		27.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150203+I-1		19.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150162+I-14		19.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150122+I-0		27.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150183+I-1		19.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150142+I-11		27.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150122+I-1		27.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150142+I-12		27.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150183+I-11		27.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150183+I-14		19.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150122+I-11		27.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Adult	W	River Þjórsá	Radio tag	1	150142+I-0		27.8.2019	River Þjórsá (Búði)	External mount
MFRI	?	Smolt	W	River Sandá	Radio tag	1	150342+I-19		28.5.2019	River Sandá	Body implant - trailing whip antenna
MFRI	?	Smolt	W	River Sandá	Radio tag	1	150342+I-18		28.5.2019	River Sandá	Body implant - trailing whip antenna
MFRI	?	Smolt	W	River Sandá	Radio tag	1	150342+I-20		28.5.2019	River Sandá	Body implant - trailing whip antenna
MFRI	?	Smolt	W	River Sandá	Radio tag	1	150342+I-2		28.5.2019	River Sandá	Body implant - trailing whip antenna
MFRI	?	Smolt	W	River Sandá	Radio tag	1	150342+I-17		28.5.2019	River Sandá	Body implant - trailing whip antenna
MFRI	?	Smolt	W	River Sandá	Radio tag	1	150361+I-19		29.5.2019	River Sandá	Body implant - trailing whip antenna
MFRI	?	Smolt	W	River Sandá	Radio tag	1	150361+I-18		29.5.2019	River Sandá	Body implant - trailing whip antenna
MFRI	?	Smolt	W	River Sandá	Radio tag	1	150361+I-17		3.6.2019	River Sandá	Body implant - trailing whip antenna
MFRI	?	Smolt	W	River Sandá	Radio tag	1	150401+I-17		3.6.2019	River Sandá	Body implant - trailing whip antenna
MFRI	?	Smolt	W	River Sandá	Radio tag	1	150382+I-2		3.6.2019	River Sandá	Body implant - trailing whip antenna
MFRI	?	Smolt	W	River Sandá	Radio tag	1	150401+I-18		3.6.2019	River Sandá	Body implant - trailing whip antenna
MFRI	?	Smolt	W	River Sandá	Radio tag	1	150382+I-18		3.6.2019	River Sandá	Body implant - trailing whip antenna
MFRI	?	Smolt	W	River Sandá	Radio tag	1	150381+I-20		4.6.2019	River Sandá	Body implant - trailing whip antenna
MFRI	?	Smolt	W	River Sandá	Radio tag	1	150382+I-17		4.6.2019	River Sandá	Body implant - trailing whip antenna
STR	?	Kelts	W	River Fífustadadalsá	T-bar Orange	7	Laxfiskar 351-366		Oct. 2019	River Fífustadadalsá	
STR	?	Kelts	W	River Selardalsá	T-bar Orange	11	Laxfiskar 367-382		Oct. 2019	River Selardalsá	
STR	?	Kelts	W	River Selardalsá	T-bar Orange	3	Laxfiskar 383-385		Nov. 2019	River Selardalsá	
MFRI	?	Kelts	W	River Eystri-Rangá	T-bar Green	47	IS 78508 - IS 78560		20.2.2019	River Eystri-Rangá	
MFRI	?	Kelts	W	River Tunngulljót	T-bar Green	6	IS 78500 - IS 78506		20.2.2019	River Tunngulljót	
RAC	?	Adults	W	River Fnjóská	T-bar Green	1	IS 102605		June/Sept	River Fnjóská	Catch and release
RAC	?	Adults	W	River Fnjóská	T-bar Green	3	IS 102609 - IS 102611		June/Sept	River Fnjóská	Catch and release
RAC	?	Adults	W	River Fnjóská	T-bar Green	5	IS 102884 - IS 102888		June/Sept	River Fnjóská	Catch and release
RAC	?	Adults	W	River Fnjóská	T-bar Green	3	IS 102890 - IS 102892		June/Sept	River Fnjóská	Catch and release
RAC	?	Adults	W	River Fnjóská	T-bar Green	1	IS 102950		June/Sept	River Fnjóská	Catch and release
RAC	?	Adults	W	River Fnjóská	T-bar Green	4	IS 106252 - IS 106255		June/Sept	River Fnjóská	Catch and release
RAC	?	Adults	W	River Fnjóská	T-bar Green	2	IS 106258 - IS 106259		June/Sept	River Fnjóská	Catch and release
RAC	?	Adults	W	River Fnjóská	T-bar Green	1	IS 106258		June/Sept	River Fnjóská	Catch and release
RAC	?	Adults	W	River Skjálfandaflljót	T-bar Green	1	IS 108284		June/Sept	River Skjálfandaflljót	Catch and release
RAC	?	Adults	W	River Ytri-Rangá	T-bar Green	47	IS 110814 - IS 110999		June/Sept	River Ytri-Rangá	Catch and release
MFRI	?	Juveniles	W	River Vesturdalsá	Pit tag	104	Id starts with: 3DD.003D41		14/08/2019	River Vesturdalsá	
MFRI	?	Juveniles	W	River Vesturdalsá	Pit tag	79	Id starts with: 3DD.003D41		15/08/2019	River Vesturdalsá	
MFRI	?	Juveniles	W	River Vesturdalsá	Pit tag	208	Id starts with: 3DD.003D41		18/08/2019	River Vesturdalsá	
MFRI	?	Juveniles	W	River Vesturdalsá	Pit tag	123	Id starts with: 3DD.003D41		19/08/2019	River Vesturdalsá	

### 3.6 Ireland

ICES Compilation of microtag, fin clip and external tag releases

Marking season: 2018–2019

Country:

Totals	Origin	Primary Tag or Mark				Total
		Microtag	External Mark	Adipose Clip	Other internal [a]	
	Hatchery juvenile	170,097				170,097
	Wild juvenile	10,183			3,137	13,320
	Adult					0
	<b>Total fish marked</b>	<b>180,280</b>	<b>0</b>	<b>0</b>	<b>3,137</b>	<b>183,417</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	CARRIGADROHID	CWT	11731	84714	Fin Clip	26/03/2019	LEE RIVER
Marine Institute	1+	smolt	H	DELPHI	CWT	4358	54787	Fin Clip	29/04/2019	BUNDORRAGHA RIVER
Marine Institute	1+	smolt	H	DELPHI	CWT	3560	64712	Fin Clip	29/04/2019	BUNDORRAGHA RIVER
Marine Institute	1+	smolt	H	DELPHI	CWT	3658	74702	Fin Clip	29/04/2019	BUNDORRAGHA RIVER
Marine Institute	1+	smolt	H	DELPHI	CWT	11650	84715	Fin Clip	29/04/2019	BUNDORRAGHA RIVER
Marine Institute	1+	smolt	H	DELPHI	CWT	11171	84716	Fin Clip	29/04/2019	BUNDORRAGHA RIVER
Marine Institute	1+	smolt	H	DELPHI	CWT	11348	84717	Fin Clip	29/04/2019	BUNDORRAGHA RIVER
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	3196	64783	Fin Clip	02/05/2019	BURRISHOOLE RIVER
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	1256	64784	Fin Clip	01/05/2019	BURRISHOOLE RIVER
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	3980	64788	Fin Clip	01/05/2019	BURRISHOOLE RIVER
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	2610	64789	Fin Clip	01/05/2019	BURRISHOOLE RIVER
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	9413	84728	Fin Clip	02/05/2019	BURRISHOOLE RIVER
Marine Institute	1+	smolt	H	MI NEWPORT	CWT	9471	84729	Fin Clip	02/05/2019	BURRISHOOLE RIVER
Marine Institute	1+	smolt	H	CONG	CWT	4000	64715	Fin Clip	12/03/2019	ERRIFF RIVER
Marine Institute	1+	smolt	H	CONG	CWT	4024	64716	Fin Clip	12/03/2019	ERRIFF RIVER
Marine Institute	1+	smolt	H	CONG	CWT	4006	64717	Fin Clip	13/03/2019	ERRIFF RIVER
Marine Institute	1+	smolt	H	CONG	CWT	4009	64718	Fin Clip	13/03/2019	ERRIFF RIVER
Marine Institute	1+	smolt	H	CONG	CWT	10006	84726	Fin Clip	14/03/2019	CORRIB RIVER
Marine Institute	1+	smolt	H	CONG	CWT	10009	84727	Fin Clip	19/03/2019	CONG RIVER
Marine Institute	1+	smolt	H	PARTEEN	CWT	11403	84722	Fin Clip	02/04/2019	SHANNON RIVER
Marine Institute	1+	smolt	H	PARTEEN	CWT	11076	84723	Fin Clip	02/04/2019	SHANNON RIVER
Marine Institute	1+	smolt	H	PARTEEN	CWT	12341	84724	Fin Clip	02/04/2019	SHANNON RIVER
Marine Institute	1+	smolt	H	BALLYSHANNON	CWT	11821	84713	Fin Clip	23/04/2019	ERNE RIVER
Marine Institute	1+	smolt	w	CORRIB WILD	CWT	10183	84730	Fin Clip	08/05/2019	CORRIB RIVER
Inland Fisheries Ireland	2 1/2	smolt	w	ERRIFF WILD	PIT	912	3DD.003D2CD59B to 3DD.003D68EBE8	none	April-May 2019	ERRIFF RIVER
Inland Fisheries Ireland	2 1/2	smolt	w	CORRIB WILD	PIT	2,057	3DD.003D2CD59B to 3DD.003D68EBE8	Fin Clip	April-May 2019	CORRIB RIVER
Inland Fisheries Ireland	2	smolt	w	CASTLETOWN WILD	Acoustic tag	30	13914-13922, 13953-13973	-	April-May 2019	CASTLETOWN
Inland Fisheries Ireland	2	smolt	w	BOYNE WILD	Acoustic tag	75	13868-13870, 13877-13952	-	May 2019	BOYNE RIVER
Inland Fisheries Ireland	2 1/2	smolt	w	ERRIFF WILD	Acoustic	20	A69-1303-6051 to 6070	none	April-May 2019	ERRIFF RIVER
Inland Fisheries Ireland	2 1/2	smolt	w	ERRIFF WILD	Radio	43	172.080 to 173.733MHz	none	April-May 2019	ERRIFF RIVER

### 3.7 Norway

#### ICES Compilation of microtag, fin clip and external tag releases

Marking season: 2019–2020

Country:

Totals	Origin	Microtag	Primary Tag or Mark		Total
			External Mark	Adipose Clip Other internal [a]	
	Hatchery juvenile		7,328	108,187	115,515
	Wild juvenile		390	22,108	22,498
	Adult		451		451
<b>Total fish marked</b>	<b>0</b>	<b>0</b>	<b>8,169</b>	<b>130,295</b>	<b>138,464</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
NORCE LFI	1	Smolt	H	Vossovassdraget	PIT	4,286		Adipose clip	May 2019	Vossovassdraget
NORCE LFI	1	Smolt	H	Vossovassdraget	PIT	24,454		Adipose clip	May 2019	Sea release
NORCE LFI	1	Smolt	H	Skienselva	PIT	4,000		Adipose clip	May 2019	Skienselva
Institute of Marine Research	1	Smolt	H	Dale river	PIT	23,971		Adipose clip	May 2019	Sea release
Institute of Marine Research	1	Smolt	H	Etneelva	PIT	10,000		Adipose clip	May 2019	Sea release
NINA	1	Smolt	H	Imsa	PIT	2,987		Adipose clip	May 2019	Imsa
NORCE LFI	1	Smolt	H	Årdalselva	PIT	6,000		Adipose clip	18.03.2019	Årdalselva
NORCE LFI	1	Smolt	H	Suldalslågen	PIT	6,000		Adipose clip	14.03.2019	Suldalslågen
NORCE LFI	1	Smolt	H	Storelva Arna	PIT	1,403		Adipose clip	03.04.2019	Storelva Arna
NORCE LFI	1	Smolt	H	Suldalslågen	PIT	3,000		Adipose clip	15.03.2019	Sea release
NORCE LFI	1	Smolt	H	Suldalslågen	PIT	3,000		Adipose clip	03.05.19	Suldalslågen, Stråpa
NORCE LFI	1	Smolt	H	Årøyelva	PIT	8,035		Adipose clip	08.05.19	Årøyelva
NORCE LFI	Multiple	Adult	W	Osterfjord	PIT/Floy	162		Adipose clip	June-Aug 2019	Sea release
NORCE LFI	2-3	Smolt	W	Daleelva	PIT	3,486		None	May 2019	Daleelva
NORCE LFI	2-3	Smolt	W	Ekso	PIT	951		None	May 2019	Ekso
Institute of Marine Research	2-3	Smolt	W	Etne river	PIT	2,003		None	May 2019	Etne river
Institute of Marine Research	2-3	Smolt	W	Figgjo river	PIT	219		None	May 2019	Figgjo river
NINA	2-3	Smolt	W	Sylteelva	PIT	371		None	May 2019	Sylteelva
NINA	2-3	Smolt	W	Vigda	PIT	1,486		None	May 2019	Vigda
NINA	2-3	Smolt	W	Kongsfjordelva	PIT	1,384		None	May 2019	Kongsfjordelva
NINA	2-3	Smolt	W	Gaula i Sunnfjord	PIT	697		None	May 2019	Gaula i Sunnfjord
NINA	2-3	Smolt	W	Vatneelva	PIT	295		None	May 2019	Vatneelva
Rådgivende Biologer	2-3	Smolt	W	Oselva	PIT	1,561		None	May 2019	Oselva
Rådgivende Biologer	2-3	Smolt	W	Uskedalselva	PIT	729		None	May 2019	Uskedalselva
Rådgivende Biologer	2-3	Smolt	W	Granvinselva	PIT	378		None	May 2019	Granvinselva
NINA	1	Smolt	H	Imsa	Carlin	2,492	NO 45500-45999, NO 48000-49999		16/05/2019	Imsa, below trap
NINA	1	Smolt	H	Imsa	Carlin	2,344	NO 45073-45499, NO 46000-47999		16/05/2019	Imsa, below trap
NINA	1	Smolt	H	Imsa	Carlin	2,492	NO 45500-45999, NO 48000-49999		16/05/2019	Imsa, below trap
NINA		Parr-Smolt	W	Imsa	Carlin	390	NM- 10109-10498			Imsa, below trap
NORCE LFI	1	Smolt	H	Eidfjordvassdraget	PIT	11,051			May 2019	Eidfjordvassdraget
NORCE LFI	2-3	Smolt	W	Bolstadelva/Bolstadfjorden	PIT	3,370			May 2019	Bolstadelva
NORCE LFI	2-3	Smolt	W	Modalselva	PIT	443			May 2019	Modalselva
NORCE LFI	2-3	Smolt	W	Vosso-Teigdalselva	PIT	322			May 2019	Vosso-Teigdalselva
NORCE LFI	2-3	Smolt	W	Vossovassdraget	PIT	3,912			May 2019	Vossovassdraget
Rådgivende Biologer	2-3	Smolt	W	Mundheimselva	PIT	501				
NINA		Adult	W	Agdenes, Trondheimsfjord	Carlin	226				Kilenotfanget laks, merket og satt ut igjen, Mølnbukkt.
NINA		Adult	W	Agdenes, Trondheimsfjord	Lea	63				Kilenotfanget laks, merket og satt ut igjen, Mølnbukkt.

### 3.8 Russia

**ICES Compilation of microtag, fin clip and external tag releases**

Marking season: 2019

Country: Russia

Totals	Origin	Microtag	Primary Tag or Mark			Total
			External Mark	Adipose Clip	Other internal [a]	
	Hatchery juvenile			567,430		567,430
	Wild juvenile					0
	Adult		1,424			1,424
<b>Total fish marked</b>		<b>0</b>	<b>1,424</b>	<b>567,430</b>	<b>0</b>	<b>568,854</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
PINRO	1SW-3SW	kelt	W	Ponoi River	Floy T-Bar	67	47000-47999; 52000-53999		May-June	Ponoi River
PINRO	1SW-3SW	adult	W	Ponoi River	Floy T-Bar	1,157	47000-47999; 52000-53999		May-October	Ponoi River
PINRO	2SW-3SW	adult	W	Kharlovka River	Floy Dart	100	06701-06800		June-July	Kharlovka River
PINRO	2SW-3SW	adult	W	Eastern Litsa River	Floy Dart	100	06901-07001		June-July	Eastern Litsa River
Umbsky hatchery	2.	parr	H	Umba River	AD	77,405			April-June	Umba River
Umbsky hatchery	1.	parr	H	Umba River	AD	62,703			April-June	Umba River
Knyzhegubsky hatchery	1.	parr	H	Umba River	AD	28,745			April-June	Umba River
Kandalakhsky hatchery	1.	parr	H	Umba River	AD	93,577			April-June	Umba River
Wygskiy hatchery	2.	parr	H	Suma River	AD	45,000			April	Suma River
Wygskiy hatchery	2.	parr	H	Keret River	AD	100,000			April	Keret River
Kemskiy hatchery	2.	parr	H	Suma River	AD	50,000			April	Suma River
Kemskiy hatchery	2.	parr	H	Keret River	AD	45,000			April	Keret River
Kemskiy hatchery	2.	parr	H	Kem River	AD	65,000			April	Kem River

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

### 3.9 Spain (Asturias)

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

Marking Season: 2019

Country: Asturias (Spain)

Primary Tag or Mark					
Origin	Microtag	External mark	Adipose clip	Total	SPAIN ( Asturias)
Hatchery Adult	0				
Hatchery Juvenile	0		145,534	145,534	
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	6700		No	oct.-19	Cares	
Asturias	0+	PARR	H	Cares	Adipose clip	5500		No	jul.-19	Cares	
Asturias	0+	PARR	H	Eo	Adipose clip	7640		No	ago.-19	Esva	
Asturias	0+	PARR	H	Nalón-Narcea	Adipose clip	10069		No	sep.-19	Cubia (Nalón)	
Asturias	0+	PARR	H	Nalón-Narcea	Adipose clip	14500		No	oct.-19	Narcea	
Asturias	0+	PARR	H	Nalón-Narcea	Adipose clip	27791		No	nov.-19	Narcea	
Asturias	0+	PARR	H	Nalón-Narcea	Adipose clip	36000		No	sep.-19	Narcea Pigueña-Somiedo	
Asturias	0+	PARR	H	Nalón-Narcea	Adipose clip	14000		No	ago.-19	Narcea	
Asturias	1+	PARR	H	Nalón-Narcea	Adipose clip	8982		No	ene.-20	Narcea	
Asturias	1+	PARR	H	Nalón-Narcea	Adipose clip	1200		No	jun.-19	Nonaya (Narcea)	
Asturias	1+	PARR	H	Nalón-Narcea	Adipose clip	1000		No	abr.-19	Nonaya (Narcea)	
Asturias	0+	PARR	H	Sella	Adipose clip	1802		No	jul.-19	Sella (Ponga)	
Asturias	0+	PARR	H	Sella	Adipose clip	3250		No	sep.-19	Sella	
Asturias	0+	PARR	H	Sella	Adipose clip	2400		No	jul.-19	Sella	
Asturias	0+	PARR	H	Sella	Adipose clip	500		No	oct.-19	Sella (Piloña)	
Asturias	0+	PARR	H	Sella	Adipose clip	710		No	ago.-19	Sella (Piloña)	
Asturias	0+	PARR	H	Sella	Adipose clip	3490		No	jul.-19	Sella (Ponga)	

145534

### 3.10 Sweden

**ICES Compilation of microtag, fin clip and external tag releases**

Marking season: 2019–2020

Country: Sweden

Totals	Origin	Primary Tag or Mark			Total
		Microtag	External Mark	Adipose Clip	
	Hatchery juvenile			141,628	141,628
	Wild juvenile	499			499
	Adult				0
	<b>Total fish marked</b>	<b>499</b>	<b>0</b>	<b>141,628</b>	<b>142,127</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	Purpose
Möller	1-3 yrs	smolt	W	Högvadsån	PIT tag	499			March-April	Högvadsån	Index river
Laholm	1 yr	smolt	H	Lagan	Adipose clip	70,878			April	Lagan	Ranching
Laholm	1 yr	smolt	H	Lagan	Adipose clip	29,250			April	Nissan	Enhancement
Långhults Lax AB	1 yr	smolt	H	Såveålx	Adipose clip	24,400			April	Göta älv	Enhancement
Långhults Lax AB	2 yr	smolt	H	Såveålx	Adipose clip	17,100			April	Göta älv	Enhancement
						141,628					

### 3.11 UK (England and Wales)

#### ICES Compilation of microtag, fin clip and external tag releases

Marking season: 2019

Country: UK (England and Wales)

Totals	Primary Tag or Mark		Adipose Clip	Other internal [a]	Total
	Origin	Microtag			
	Hatchery juvenile		4,960		4,960
	Wild juvenile	4,022	10,184	169	14,375
	Adult		360		360
	<b>Total fish marked</b>	<b>4,022</b>	<b>15,144</b>	<b>169</b>	<b>19,695</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	49	Various (green 2276-2550 and blue 2833-2978)	None	Nov-Dec 2019	North Tyne
EA North East	Various	Parr/smolt	H	Tyne	Adipose clip	3,860		None	Feb-Dec 2019	North Tyne
Natural Resources Wales	Various	Adult	W	Dee	Floy tag	311	Various grey and blue/green	None	Jan-Sep 2019	Dee - Chester
Natural Resources Wales	Various	Smolt	W	Dee (Worthenbury)	CWT	318	01/42/34	Adipose clip	Apr-May 2019	Dee - Worthenbury
Natural Resources Wales	Various	Smolt	W	Dee (Ceiriog)	CWT	222	01/42/38	Adipose clip	Apr-May 2019	Dee - Ceiriog
Natural Resources Wales	Various	Smolt	W	Dee (Chester)	CWT	352	01/42/38	Adipose clip	May 2019	Dee - Chester
Natural Resources Wales	Various	Smolt	W	Dee (Little Dee)	Acoustic	24		None	Apr-May 2019	Dee - Little Dee
Natural Resources Wales	Various	Parr	H	Usk (Tryweryn)	Adipose clip	200		None	22-Nov-2019	Usk - Tryweryn
Natural Resources Wales	Various	Parr	H	Usk (Senni)	Adipose clip	900		None	22-Nov-2019	Usk - Senni
EA South West	Various	Smolt	W	Tamar	CWT	3,130	A42 D01/96	Adipose clip	Apr-May 2019	Tamar - Endsleigh
GWCT	Various	Smolt	W	Tamar	Acoustic & PIT	60	PIT codes start DC00xxxxx	Adipose clip	Mar-Apr 2019	Tamar
GWCT	Various	Smolt	W	Frome	Acoustic & PIT	85	PIT codes start 3DD.003xxxxxx	Adipose clip	Mar-Apr 2019	Frome
GWCT	0+	Parr	W	Frome	Adipose clip	10,005	PIT codes start 3DD.003xxxxxx	PIT tag	Aug-Sep 2019	Frome
GWCT	1+	Parr	W	Frome	Adipose clip	179	PIT codes start 3DD.003xxxxxx	PIT tag	Aug-Sep 2019	Frome

Notes:

[a] Includes PIT and radio/acoustic tags.



### 3.12 UK (NI)

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

Marking Season: 2019

Country: UK (N. Ireland)

Origin	Primary Tag or Mark				Total
	Microtag	External tag or mark	Adipose clip	Other internal	
Hatchery Adult					0
Hatchery Juvenile	12300		31,279		43,579
Wild Adult					0
Wild Juvenile					0
					43,579

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
AFBI	1+	Smolt	H	River Bush	CW T	6150	43/01/32	AD	01-May-19	River Bush
AFBI	2+	Smolt	H	River Bush	CW T	6150	43/01/31	AD	20-Mar-19	River Bush
AFBI	2+	Smolt	H	River Bush		7762		AD	30-Apr-19	River Bush
AFBI	1+	Smolt	H	River Bush		23517		AD	05-May-19	River Bush

### 3.13 UK (Scotland)

ICES Compilation of microtag, fin clip and external tag releases

Marking season: 2019–2020

Country:

Totals	Primary Tag or Mark					Total
	Origin	Microtag	External Mark	Adipose Clip	Other internal [a]	
	Hatchery juvenile			47,568		47,568
	Wild juvenile				12,436	12,436
	Adult		336		7	343
<b>Total fish marked</b>	<b>0</b>	<b>336</b>	<b>47,568</b>	<b>12,443</b>	<b>60,347</b>	

  

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
Atlantic Salmon Trust/ FNLFT	Juvenile	W		Findhorn	V7 Acoustic	100		Adipose Clip	Apr/May 2019	Lower Findhorn
Marine Scotland Science	Juvenile	W		Balgy	Acoustic	31			Apr/May 2019	Balgy
Marine Scotland Science	Juvenile	W		Torridon	Acoustic	29			Apr/May 2019	Torridon
Marine Scotland Science	Juvenile	W		Dee	Acoustic	74			Apr/May 2019	River Dee
Marine Scotland Science	Juvenile	W		Don	Acoustic	50			Apr/May 2019	River Don
Marine Scotland Science	Juvenile	W		River Baddoch	Acoustic Vemco	105			April 2019	River Baddoch
Marine Scotland Science	Juvenile	W		River Callater	Acoustic Vemco	9			Februar 2019	River Callater
Marine Scotland Science	Juvenile	W		River Clunie	Acoustic Vemco	20			Feb/March 2019	River Clunie
The Tweed Foundation	Juvenile	W		River Tweed	Acoustic	60			March/May 2019	River Tweed
Glasgow Uni / AST/ DBIRT	Juvenile	W		River Deveron	Acoustic Vemco	100			April 2019	River Deveron
Ness District Salmon Fishery Board	Adult	W		Chanonry Point, Moray Firth	External Acoustic	60			July/August 2019	Chanonry Point, Moray Firth
Ness & Beauty Fisheries Trust	Adult	W		River Moriston	External White Floy Tag	11			March/June 2019	River Moriston
Ayrshire Rivers Trust	Juvenile	W		River Doon	PIT tag	15			March and Sept 2019	River Doon
Cromarty Firth Fishery Board (CFFB)	Juvenile	W		River Bran, Conon	PIT tag	983			Apr/May 2019	Torr Achilty
Kyle of Sutherland District Salmon Fishery Board	Juvenile	W		FIAG	PIT tag	1,622			March/May 2019	River Shin
Kyle of Sutherland District Salmon Fishery Board	Juvenile	W		TIRRY	PIT tag	513			March/April 2019	River Shin
MS FFL - Ecology	Juvenile	W		Orchy	PIT tag	2,540			Apr/May 2019	River Awe
MS FFL - Ecology	Juvenile	W		Strae	PIT tag	596			April 2019	
Scottish & Southern Energy (SSE)	Juvenile	W		River Meig, Conon	PIT tag	1,478			Apr/May 2019	Torr Achilty
Tay Rivers Trust	Juvenile	W			PIT tag	3,105			March/April 2019	Errochty Water, R Garry
The Tweed Foundation	Juvenile	W		River Tweed	PIT tag	1,006			March/May 2019	Gala Water, River Tweed
Kyle of Sutherland District Salmon Fishery Board	Adult	W		River Carron	Radio	7			May/June 2019	River Carron
River Spey	Adult	W		River Spey	Yellow floy	36			Nov to Dec 2019	River Spey
The Tweed Foundation	Adult	W		River Tweed	Yellow floy	29			October 2019	River Tweed
The Tweed Foundation	Adult	W		River Tweed	Yellow floy	91			June/sept 2019	River Tweed
River Spey	Juvenile	H		River Spey	Fin clip	1,372			Mar/May 2019	Tommore burn River Avon (Spey)
Tay Rivers Trust	Juvenile	H			Adipose clip	8,184			Autumn 2019	River Lochay Grid Ref NN 43505 35114
Tay Rivers Trust	Juvenile	H			Adipose clip	7,552			Autumn 2019	River Lyon Grid Ref NN 72763 46514
Tay Rivers Trust	Juvenile	H			Adipose clip	9,960			Autumn 2019	Ruchill Water Grid Ref NN 69661 15663
The River Cree Hatchery & Habit Trust	Juvenile	H		Wild Broodfish Penkiln Burn	Adipose clip	10,500			01/09/2019	Penkiln Burn
The River Cree Hatchery & Habit Trust	Juvenile	H		Wild Broodfish River Cree	Adipose clip	10,000			01/09/2019	Penkiln Burn
River Naver	Adult	W		Atlantic Salmon	Floy Tag Grey	109			2019 Season	River Cree

Notes:

[a] Includes PIT and radio/acoustic tags.

### 3.14 USA

ICES Compilation of microtag, fin clip and external tag releases

Marking season: 2019-2020

Country:

Totals	Primary Tag or Mark				Total
	Origin	Microtag	External Mark	Adipose Clip	
Hatchery juvenile			0	362,836	363,344
Wild juvenile			0	508	114
Hatchery Adult			19	34	2,410
Wild Adult				1,167	1,220
<b>Total fish marked</b>	<b>0</b>	<b>19</b>	<b>362,870</b>	<b>4,199</b>	<b>367,088</b>

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
EMARC		0_0_Parr	Hatchery	East Machias	Adipose clip	226347			Oct 2019	East Machias
MEDMR		Adult	Sea Run	Penobscot	Adipose clip	33			Jun 2019	Kennebec
MEDMR		Adult	Sea Run	Penobscot	Adipose clip	1			Jun 2019	Penobscot
MEDMR		Adult	Sea Run	Penobscot	PIT	1		Adipose punch	Dec 2019	Penobscot
MEDMR		Adult	Sea Run	Penobscot	PIT	576		Adipose punch	Jul 2019	Penobscot
MEDMR		Adult	Sea Run	Penobscot	PIT	70		Adipose punch	Jun 2019	Penobscot
MEDMR		Adult	Sea Run	Penobscot	PIT	434		Double adipose punch	Jun 2019	Penobscot
MEDMR		Adult	Sea Run	Penobscot	PIT	1		Adipose punch	Jun 2019	Kennebec
MEDMR		Adult	Sea Run	Penobscot	Radio tag	25		Adipose punch and PIT tag	Jul 2019	Penobscot
MEDMR		Adult	Sea Run	Penobscot	Radio tag	10		Adipose punch and PIT tag	Jun 2019	Kennebec
MEDMR		Adult	Sea Run	Penobscot	Radio tag	50			Jun 2019	Kennebec
MEDMR		Adult	Sea Run	Penobscot	Upper caudal punch	2			May 2019	Narraguagus
USFWS		Smolt	unspecified	Narraguagus	PIT	114		Adipose punch and PIT tag	Aug 2019	Penobscot
USFWS		Adult	Sea Run	Penobscot	Floy tag	17			Sep 2019	Sheepsco
USFWS		0_0_Parr	Hatchery	Sheepsco	Adipose clip	17000			May 2019	Narraguagus
USFWS		1 smolt	Hatchery	Narraguagus	Adipose clip	95496			Apr 2019	Penobscot
USFWS		1 smolt	Hatchery	Penobscot	Adipose clip	23993		Double upper caudal punch	Nov 2019	Dennys
USFWS		3 Adult	Hatchery	Dennys	PIT	65		Double upper caudal punch	Nov 2019	East Machias
USFWS		3 Adult	Hatchery	East Machias	PIT	63		Double adipose punch	Jun 2019	Machias
USFWS		3 Adult	Hatchery	Machias	PIT	91		Double upper caudal punch	Dec 2019	Machias
USFWS		3 Adult	Hatchery	Machias	PIT	60		Double adipose punch	Jun 2019	Narraguagus
USFWS		3 Adult	Hatchery	Narraguagus	PIT	99		Double upper caudal punch	Dec 2019	Narraguagus
USFWS		3 Adult	Hatchery	Narraguagus	PIT	122		Double adipose punch	Dec 2019	Penobscot
USFWS		3 Adult	Hatchery	Penobscot	PIT	532		Double upper caudal punch	Dec 2019	Pleasant
USFWS		3 Adult	Hatchery	Pleasant	PIT	48		Double upper caudal punch	Nov 2019	Sheepsco
USFWS		3 Adult	Hatchery	Sheepsco	PIT	27		Double upper caudal punch	Nov 2019	Dennys
USFWS		4 Adult	Hatchery	Dennys	PIT	67		Double upper caudal punch	Nov 2019	East Machias
USFWS		4 Adult	Hatchery	East Machias	PIT	38		Double upper caudal punch	Dec 2019	Machias
USFWS		4 Adult	Hatchery	Machias	PIT	83		Double upper caudal punch	Dec 2019	Narraguagus
USFWS		4 Adult	Hatchery	Narraguagus	PIT	47		Double adipose punch	Dec 2019	Penobscot
USFWS		4 Adult	Hatchery	Penobscot	PIT	426		Double upper caudal punch	Dec 2019	Pleasant
USFWS		4 Adult	Hatchery	Pleasant	PIT	50		Double upper caudal punch	Nov 2019	Sheepsco
USFWS		4 Adult	Hatchery	Sheepsco	PIT	41		Double upper caudal punch	Nov 2019	Dennys
USFWS		5 Adult	Hatchery	Dennys	PIT	125		Double upper caudal punch	Nov 2019	East Machias
USFWS		5 Adult	Hatchery	East Machias	PIT	93		Double upper caudal punch	Dec 2019	Machias
USFWS		5 Adult	Hatchery	Machias	PIT	108		Double upper caudal punch	Dec 2019	Narraguagus
USFWS		5 Adult	Hatchery	Narraguagus	PIT	84		Double upper caudal punch	Dec 2019	Pleasant
USFWS		5 Adult	Hatchery	Pleasant	PIT	73		Double upper caudal punch	Nov 2019	Sheepsco
USFWS		5 Adult	Hatchery	Sheepsco	PIT	61		Double upper caudal punch	Nov 2019	Dennys
USGS		6 Adult	Hatchery	Dennys	PIT	7			May 2019	Penobscot
USGS		Smolt	Hatchery	Penobscot	Acoustic Tag	433			May 2019	Penobscot
		Smolt	Hatchery	Penobscot	Radio tag	75				

## 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. Niels Jepsen	Vejlsøvej 39 8600 Silkeborg Denmark nj@aqua.dtu.dk
France	ECOBIOIP, INRA, University of Pau and Pays Adour Att. Mathieu Buoro	Aquapôle-Quartier Ibarron n°173, RD 918-route de St Jean de Luz 64310 St Pée sure Nivelle France Mathieu.buoro@inra.fr
Germany	Thunen Institute Institute for Fisheries Ecology Att. Marko Freese	Herwigstr. 31 27572 Bremerhaven Germany Marko.Freese@thuenen.de
Iceland	Directorate of Fisheries Att. Sumarliði Óskarsson	Dalshrauni 1 220 Hafnarfjörður Iceland summi@fiskistofa.is
Ireland	Marine Institute Fisheries Ecosystem Advisory Services Att. Mary Dillane	Farran Laboratory, Furnace Newport, Co Mayo Ireland Mary.dillane@marine.ie niall.omaoidigh@marine.ie
Norway	Institute of Marine Research Att. Vidar Wennevik	PO Box 1870 Nordnes 5817 Bergen Norway Vidar.Wennevik@hi.no

Country	Institution	Address
Russia	Polar Branch of VNIRO (PINRO named after N.M.Knipovich) Att. Sergey Prusov	6 Academician Knipovitch Street 183038 Murmansk Russia prusov@pinro.ru/prusovs@gmail.com
Spain (Asturias)	Sección de Pesca fluvial Att. Jerónimo de la Hoz Regules	C/Coronel Aranda, 3 3 33005 Oviedo, Spain jeronimodela.hozregulas@asturias.org daniel.gonzalez-nuevogalan@austrias.org
Sweden	Swedish Board of Fisheries Institute of Freshwater Research Att. Teresa Soler	Institutionen för akvatiska resurser Sötvattenslaboratoriet Stångholmsvägen 2, 178 93 Drottningholm Sweden Teresa.Soler@slu.se
UK (England & Wales)	Cefas, Lowestoft Laboratory Att. Jonathan Gillson	Pakefield Road, Lowestoft Suffolk NR33 OHT UK jonathan.gillson@cefas.co.uk
UK (Scotland)	Marine Scotland Science, Freshwater Laboratory Field Station Att. Joanne Murphy	Inchbraoch House South Quay, Ferryden Montrose DD10 9SL Scotland, UK Joanne.murphy@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
US	National Oceanic and Atmospheric Administration Northeast Fisheries Science Center Att. Timothy Sheehan	166 Water Street Woods Hole, MA 02453 USA Tim.sheehan@noaa.gov