

Council

CNL(04)44

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In October 2003 altogether 116 salmon were tagged and released north of the Faroes with R/V *Magnus Heinason* (Fig. 1). During the survey 177 salmon were captured in 26 surface trawl hauls (Table 1). A specially designed salmon trawl towed at the surface with a live fish cage attached to the end of the trawl was used. Mainly fish in their first autumn in sea were tagged (length range 35-45 cm). Only fish with relatively low scale loss (< 10% of body area lost) were selected for tagging. The archival tag was operated into the body cavity (peritoneum) through a small incision that was closed with 3 stitches. The fish was allowed to wake up in a tank prior to release. The salmon was finncipped and an external HallPrint spaghetti tag was applied in order to draw peoples attention to the presence of an internal tag (new in 2003). We expect recoveries in summer and autumn 2004.

Table 1. Details of the trawl stations from the salmon tagging survey with number of salmon caught and number tagged, R/V *Magnus Heinason*, 22-29/10-2003.

Trawl station	Lat	Lon	Date	Duration	Bottom depth	Towing speed	Temp	Number caught	Number tagged	No. per trawl hour
	N - = W			(Min)	(m)	(knots)	(C°)			
03840002	6301	-0600	24-10-2003	60	1800	3.8	9.7	0	0	0
03840004	6341	-0600	24-10-2003	60	2000	4.2	9.5	3	3	3
03840006	6400	-0601	25-10-2003	60	3464	4.5	7.4	4	2	4
03840007	6403	-0608	25-10-2003	60	3464	4	7.6	3	2	3
03840008	6407	-0612	25-10-2003	60	3483	4	7.35	0	0	0
03840009	6412	-0613	25-10-2003	60	2959	4.3	7.2	4	2	4
03840010	6416	-0613	25-10-2003	60	3315	4.1	7.2	5	2	5
03840011	6420	-0061	25-10-2003	60	3379	4.2	6.95	0	0	0
03840014	6427	-0702	25-10-2003	60	1967	4.5	7	7	5	7
03840015	6426	-0712	25-10-2003	60	1851	4.4	7.45	0	0	0
03840016	6422	-0723	25-10-2003	60	1792	4.2	7.4	1	1	1
03840017	6425	-0711	25-10-2003	60	1929	4.1	7.1	1	1	1
03840018	6429	-0704	26-10-2003	120	1747	4.3	7.05	7	6	4
03840019	6435	-0729	26-10-2003	150	1976	4.4	7.31	11	4	4
03840020	6443	-0733	26-10-2003	130	2572	3.8	7.55	11	8	5
03840021	6448	-0729	26-10-2003	120	2622	4.1	7.65	10	9	5
03840022	6442	-0743	26-10-2003	120	2613	4.2	7.1	9	9	5
03840023	6436	-0755	26-10-2003	120	2446	4.2	6.75	4	2	2
03840024	6427	-0811	27-10-2003	120	2229	3.5	6.7	11	6	6
03840025	6433	-0801	27-10-2003	120	2309	3.8	6.6	5	2	3
03840026	6438	-0752	28-10-2003	120	2500	3.9	7.2	8	7	4
03840027	6443	-0745	28-10-2003	120	2600	4	7.05	2	0	1
03840028	6436	-0752	28-10-2003	120	2451	4	6.55	12	9	6
03840029	6431	-0758	28-10-2003	120	2250	3.8	6.8	20	12	10
03840030	6424	-0758	28-10-2003	120	2079	4.3	6.95	31	20	16
03840031	6417	-0755	28-10-2003	120	2101	4.5	6.95	8	4	4

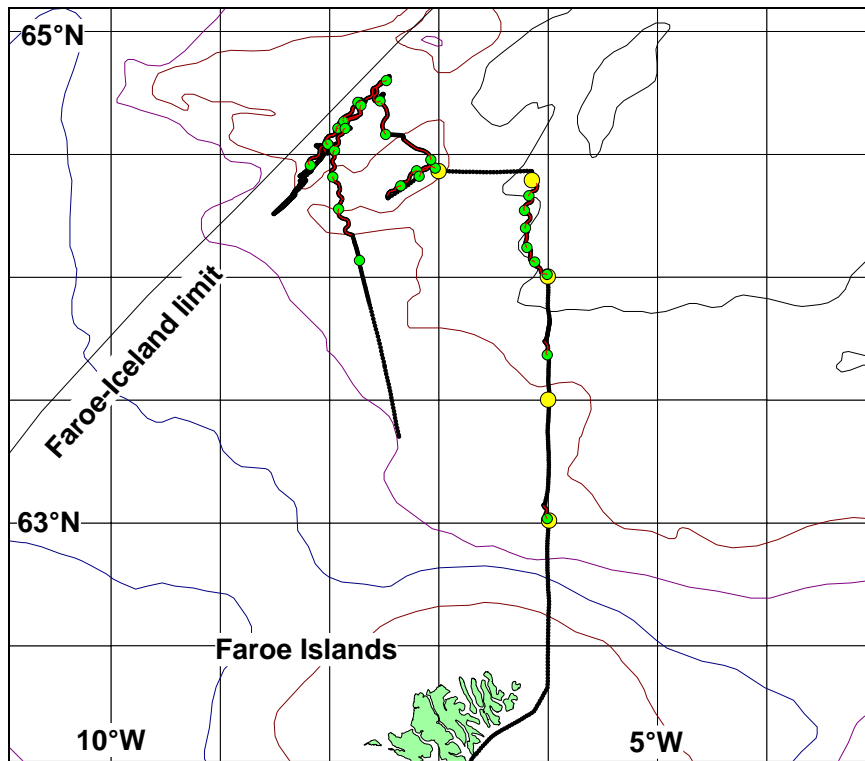


Figure 1. Cruise tracks and trawl stations with R/V *Magnus Heinason* tagging salmon 22-29/10 2003. The highest concentrations of salmon were found in the colder area northwest towards the fishery limit, 64°20'N 8°00'V.