

SUBSTITUTION AND RAISING DONE BY THE SECRETARIAT FOR SWORDFISH FOR THE 1989 SCRS

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AREA	COUNTRY	C A T C H			TASKI (MT)		R.F.	S I Z E D A T A				REMARKS				
		GEAR	YEAR	TIME	OLD	NEW		AREA	COUNTRY	GEAR	YEAR		TIME	SAMPLES NO.	MT	
NORTH ATLANTIC																
NORTH	CUBA	LL	86		143	636	4.447552						RE-RAISED			
14&24	SPAIN	LLH3	86		8009	9712	1.000000						LEFT AS REPORTED IN 1988			
	24LIBERIA	UNCL	86		24	15	0.666567						RE-RAISED			
	24PORT-MLD	LLH8	86	M		418	16.626389				517	25.140	RE-DONE WITH NEW SAMPLE			
	24SPAIN	GILL	86	M		3	1.000000				58	2.905	100% COVERAGE SAMPLE			
NORTH	JAPAN	LL	87	Q	727	413	1.000000						REVISED BY JAPAN			
	3VENEZUELA	LL	37		84	36	1.023310						RE-RAISED			
NORTH	CUBA	LL	97		173	919	5.260116						RE-RAISED			
	24SPAIN	LLH5	37		4911	6911	1.407247						RE-RAISED			
	24PORT-AZOR	LL	67	M		335	15.770198				592	21.243	RE-DONE WITH NEW SAMPLE			
	24PORT-MLD	LLH3	87	M		624	19.561926				718	31.899	RE-DONE WITH NEW SAMPLE			
	24FRANCE	UNCL	37		4	0							DELETED FROM BASE			
	2CANADA	HARP	88	M		19	5.855563				45	3.074	RAISED FROM SAMPLE			
544362	CANADA	LL	98	5		0.712	0.586003	544362	CANADA	LL	88	8	1.215			
544352	CANADA	LL	98	3		16.200	1.716547	544250	CANADA	LL	88	9	9.437			
544458	CANADA	LL	98	8		4.161	0.339293				142	4.679				
544250	CANADA	LL	88	9		9.240	1.053301				165	9.437				
544352	CANADA	LL	98	9		7.718	0.817945	544250	CANADA	LL	88	9	9.437			
544264	CANADA	LL	98	9		236.225	38.360669	544264	CANADA	LL	88	8	6.158			
544458	CANADA	LL	98	9		4.151	0.887155	544458	CANADA	LL	88	8	4.679			
544264	CANADA	LL	88	10		154.469	25.084281	544264	CANADA	LL	88	9	6.158			
544362	CANADA	LL	98	10		24.419	11.351394	544262	CANADA	LL	88	9	2.151			
544264	CANADA	LL	98	7		9.301	3.135373				61	2.966				
544163	CANADA	LL	98	7		8.204	2.035535				111	4.047				
544362	CANADA	LL	98	8		12.174	10.342798				39	1.215				
544264	CANADA	LL	88	3		98.333	9.472713				140	6.158				
544163	CANADA	LL	98	8		43.409	3.868547				289	11.738				
544362	CANADA	LL	98	9		50.054	23.270107				70	2.151				
544163	CANADA	LL	88	9		16.115	1.536564				273	10.427				
14	CANADA	LL	98	9		0.090	1.000000				1	0.090	CNE 204 CM FISH			
14	CANADA	LL	98	2		0.399	1.000000	2	CANADA	LL	88	2	0.389	RAISED FROM SAMPLE		
14	CANADA	LL	98	1		0.236	0.252406	1	CANADA	LL	88	1	0.935	RAISED FROM SAMPLE		
2 E	14	CANADA	LL	98	M	15.613	1.000000				138	15.613	100% SAMPLING FOR THE REST			
NORTH	CHI-TAIWAN	LLF3	98	Q		18	0.016514	NORTH	JAPAN	LL	88	Q	1090.000	RAISED BY TASKI		
	24MARCC	LL	88	M		195	0.032351		24	SPAIN	LLH8	88	M	5935.853	RAISED FROM RAISED FILE	
	24MARCC	TRAP	98	M		1	0.000168		24	SPAIN	LLH8	88	M	5935.853	RAISED FROM RAISED FILE	
	24PORT-AZOR	LL	98	M		213	10.027021		24	PORT-AZOR	LL	87	M		RAISED FROM SAMPLE	
	24PORT-MAOR	HAND	98	M		5	3.620303				20	1.381	RAISED FROM SAMPLE			
	24PORT-MCL	LLH3	98	M		322	10.125304			24	PORT-MLD	LLH8	87	M		RAISED FROM SAMPLE
14+24	SPAIN	LLH3	98	M		3600	1.000000						BY NATIONAL SCIENTISTS			
	24	SPAIN	TRAP	98	M	2	0.000337		24	SPAIN	LLH8	88	M	5935.853	RAISED FROM RAISED FILE	
	24	SPAIN-CANAR	BB	88	M	4	0.000574		24	SPAIN	LLH8	88	M	5935.853	RAISED FROM RAISED FILE	
	24	SPAIN	GILL	88	M	194	1.000000						BY NATIONAL SCIENTISTS			

