

**SPC/FFA REGIONAL PURSE SEINE OBSERVER
LENGTH MEASUREMENT**

FORM PS - 4

REV MAR. 2014

OBSERVER NAME	VESSEL NAME	OBSERVER TRIP ID NO.	PAGE _____ OF _____
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SAMPLING DETAILS	SAMPLE TYPE # only one of grab, spill.	if GRAB what is the Target No. of SAMPLES <input type="text"/>	if SPILL brail # sampled <input type="text"/> How many fish measured <input type="text"/>	if OTHER What "Other" ? Use code (from back of <input type="text"/>	Which brail was sampled? BRAIL 1 <input type="text"/> BRAIL 2 <input type="text"/> BRAIL 3 <input type="text"/>	BRAIL TIMES start <input type="text"/> end <input type="text"/>	PS-4 FORM S USED FOR THIS ONE SAMPLE: of (1,2,3) (total)	START OF SET DATE AND TIME (see PS-2) Y Y M M DD h h mm			
								MEASURING INSTRUMENT Aluminium callipers <input type="text"/> Deck tape <input type="text"/> Calibrated this set? Y / N Measuring board <input type="text"/> Other <input type="text"/> + / - mm			
	COMMENTS ON SAMPLING PROTOCOL							MEASUREMENTS FOR EACH SPECIES UF - UPPER JAW TO FORK IN TAIL (TUNA, SHARK) BL - BILL LENGTH (DEAD BIRDS) LF - LOWER JAW TO FORK IN TAIL (BILLFISH) WL - WING LENGTH (DEAD BIRDS) TW - TOTAL WIDTH (TIPS OF WINGS - RAYS) TL - TOTAL LENGTH - TO END OF TAIL (FISH WITH NO FORK IN TAIL) CL - CARAPACE LENGTH (TURTLES)			

BRAIL	tallies: Full (1) 7/8 brails (2) 3/4 brails (3) 2/3 brails (4) 1/2 (5) 1/3 (6) 1/4 (7) 1/8 (8)																			TOTAL BRAILS				SUM OF ALL BRAILS		
	No.		No.		No.		No.		No.		No.		No.		No.		No.						see back of form			
	Pattern fullness samples	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	More brails? Start a new form

SPECIES CODE	LENGTH (cm)																								
1		21		41		61		81		101															
2		22		42		62		82		102															
3		23		43		63		83		103															
4		24		44		64		84		104															
5		25		45		65		85		105															
6		26		46		66		86		106															
7		27		47		67		87		107															
8		28		48		68		88		108															
9		29		49		69		89		109															
10		30		50		70		90		110															
11		31		51		71		91		111															
12		32		52		72		92		112															
13		33		53		73		93		113															
14		34		54		74		94		114															
15		35		55		75		95		115															
16		36		56		76		96		116															
17		37		57		77		97		117															
18		38		58		78		98		118															
19		39		59		79		99		119															
20		40		60		80		100		120															

	No. / sum of lengths		No. / sum of lengths		No. / sum of lengths		No. / sum of lengths		No. / sum of lengths		No. / sum of lengths
column totals			SKJ				SKJ				
			YFT				YFT				
			BET				BET				

	TARGET SPECIES						OTHER SPECIES					
			SKJ	YFT	BET							
	Number sampled :											
	Sum of lengths :											
Average length :												

