

COMMITTEE OF AGE READING EXPERTS
AGE STRUCTURE EXCHANGE INVOICE

EXCHANGE ID NO.	14-009	SPECIES	Shortaker rockfish
EXCHANGE YEAR	2015	AREA	Aleutian Islands/Canadian waters
ORIGINATING AGENCY	AFSC	STRUCTURE	Otolith
COORDINATOR*	Charles Hutchinson	TECHNIQUE	Thin section
COOPERATOR(S)	ADFG and DFO	PURPOSE	set ageing criteria/calibrate
DATE INITIATED	Spring 2014	SAMPLE n=	54
		NO. READERS	4

SPECIMEN NUMBER	CAPTURE (MM/DD/YY)	AGENCY	AGENCY	AGENCY	AGENCY	AGENCY	ORIGINAL SAMPLE ID
		NMFS	DFO	ADFG	ADFG (2010)		
1	Aug. 8 2008	41	57				114
2	Aug. 8 2008	27	32				115
3	Aug. 8 2008	38	45				117
4	Aug. 8 2008	28	136				118
5	Aug. 8 2008	25	60				119
6	Aug. 8 2008	27	46				122
7	Aug. 8 2008	30/38	73				123
8	Aug. 8 2008	31	47				124
9	Aug. 8 2008	76	80				126
10	Aug. 8 2008	36	38				127
11	Aug. 8 2008	33	56				128
12	Aug. 8 2008	33	40				129
13	Aug. 8 2008	31	73				130
14	Aug. 8 2008	24	24				132
15	Aug. 8 2008	44	52				133
16	Aug. 8 2008	40	51				137
17	Aug. 8 2008	47	75				139
18	Aug. 8 2008	50	79				141
19	Aug. 8 2008	71	127				143
20	Aug. 8 2008	67	75				144
21	Aug. 8 2008	32	11				145
22	Aug. 8 2008	67	85				146
23	Aug. 8 2008	26	30				147
24	Aug. 8 2008	28	115				148
25	Aug. 8 2008	30	23				149
26	Aug. 8 2008						84
27	Aug. 8 2008						87
28	Aug. 8 2008						89
29	Aug. 8 2008						94
30	Aug. 8 2008						95
31	Aug. 8 2008						97
32	Aug. 8 2008	45					98
33	Aug. 8 2008						99
34	june 8 2004	104	115		133		1432004_1

35	june 11 2004	14	9		15		1432004_9
36	june 11 2004	14	10		19		1432004_12
37	june 11 2004	14	7		16		1432004_21
38	june 18 2004	21	14		21		1432004_51
39	june 18 2004	27	25		27		1432004_56
40	june 28 2004	52	68		62		1432004_108
41	july 1 2004	19	47		22		1432004_131
42	july 1 2004	16	32		11		1432004_136
43	july 3 2004	22	20		11		1432004_161
44	july 4 2004	19	30		37		1432004_171
45	aug. 2 2004	43	90		41		1432004_318
46	june 26 2006	19	17		18		1432006_11
47	june 26 2006	16	13		19		1432006_16
48	july 7 2006	17	7		13		1432006_58
49	july 7 2006	23	8		21		1432006_59
50	june 10 2006	124	115		137		1432006_64
51	july 7 2006	14	6		12		1432006_121
52	july 7 2006	22	8		17		1432006_126
53	july 7 2006	6	4		5		1432006_136
54	july 7 2006	5	2		4		1432006_141

COMMENT F= Delsa Anderl H=Charles Hutchinson

Specimens 1 - 25 = case invoice #14-008; Specimens 34-54 = case invoice #14-009

Note that ages and precision for #14-008 are included in this invoice but are separate invoices in the structure exchange table.

USE AND USER INFO: A CARE member initiates an exchange by requesting an Exchange Id number from the CARE Age Structure Exchange Coordinator (CARE Vice Chair). The CARE member conducts and completes the exchange and submits this completed invoice to the Coordinator.

<u>PRECISION STATISTICS</u>		specimen 1-25		NMFS compared to DFO	
AVERAGE % ERROR	21.64	INDEX OF PRECISION		bias	-2
COEFFICIENT OF VARIATION	30.61	%AGREEMENT	4.00		22

<u>PRECISION STATISTICS</u>		specimen 34-54		NMFS compared to DFO	
AVERAGE % ERROR	24.36	INDEX OF PRECISION		bias	-15
COEFFICIENT OF VARIATION	34.45	%AGREEMENT	0.00		6