

**COMMITTEE OF AGE READING EXPERTS**  
**AGE STRUCTURE EXCHANGE INVOICE**

EXCHANGE ID NO.	07-006	SPECIES	Pacific hake
EXCHANGE YEAR	2007	AREA	U.S. West Coast survey
ORIGINATING AGENCY	NMFS/NWFSC	STRUCTURE	Otoliths
O.A. COORDINATOR*	Omar Rodriguez	TECHNIQUE	Break & Burn
COOPERATOR(S)	PSMFC, CDFO	PURPOSE	Calibration
DATE INITIATED	12/10/2007	SAMPLE n=	100
		NO. READERS	2

SPECIMEN NUMBER	CAPTURE MM/DD/YY	AGENCY (1) PSMFC	AGENCY (2) CDFO	AGENCY (3)	AGENCY (4)	AGENCY (5)	ORIGINAL SAMPLE ID
1	7/15/2007	3	3				1567
2	7/25/2007	8	8				1457
3	7/25/2007	10	10				1470
4	7/25/2007	4	4				1444
5	7/24/2007	1	1				1401
6	7/19/2007	3	3				1781
7	7/20/2007	8	8				1921
8	7/10/2007	6	6				1530
9	7/16/2007	11	11				1654
10	7/16/2007	5	5				1595
11	7/19/2007	7	6				1818
12	7/25/2007	8	8				1463
13	7/10/2007	4	4				1527
14	7/19/2007	3	3				1782
15	7/25/2007	9	10				1473
16	7/15/2007	7	8				1568
17	7/10/2007	12	13				1529
18	7/10/2007	6	6				1539
19	7/25/2007	1	1				2026
20	7/17/2007	5	6				1700
21	7/19/2007	2	2				1810
22	7/21/2007	6	6				1993
23	7/25/2007	8	8				1482
24	7/10/2007	4	4				1532
25	7/16/2007	9	9				1579
26	7/19/2007	3	3				1820
27	8/1/2007	1	1				2034
28	7/16/2007	6	6				1602
29	7/20/2007	9	9				1919
30	7/19/2007	5	5				1813
31	7/19/2007	11	11				1785
32	7/10/2007	8	8				1528
33	7/19/2007	2	3				1778
34	7/10/2007	4	4				1535
35	7/16/2007	5	9				1600
36	7/25/2007	1	1				2030
37	7/19/2007	2	2				1783
38	7/19/2007	3	3				1816
39	7/16/2007	6	6				1649
40	7/19/2007	5	5				1830

41	7/17/2007	10	11				1682
42	7/10/2007	8	8				1533
43	7/17/2007	7	8				1706
44	7/10/2007	4	4				1537
45	7/17/2007	9	8				1694
46	7/10/2007	11	11				1524
47	7/17/2007	10	11				1712
48	7/16/2007	6	6				1667
49	7/21/2007	3	3				1961
50	7/19/2007	5	5				1853
51	7/10/2007	4	4				1538
52	7/10/2007	8	8				1541
53	7/16/2007	7	8				470
54	7/20/2007	12	13				1945
55	7/20/2007	3	3				1892
56	7/17/2007	9	9				1714
57	7/16/2007	7	7				1607
58	7/17/2007	6	6				1699
59	unknown	11	8				1615
60	7/10/2007	4	4				1540
61	7/20/2007	5	5				1886
62	7/19/2007	8	8				1800
63	7/18/2007	1	1				1777
64	7/9/2007	2	2				1290
65	7/19/2007	9	8				1791
66	7/20/2007	8	8				1923
67	7/18/2007	1	1				1768
68	7/19/2007	6	6				1790
69	7/24/2007	3	3				2017
70	7/20/2007	5	5				1903
71	7/20/2007	11	10				1911
72	7/15/2007	4	4				1569
73	7/20/2007	8	8				1901
74	7/25/2007	13	10				1475
75	7/19/2007	9	8				1824
76	7/9/2007	2	2				1312
77	7/21/2007	3	3				1973
78	7/19/2007	6	6				1817
79	7/18/2007	1	1				1761
80	7/21/2007	5	5				1956
81	7/15/2007	4	4				1572
82	7/20/2007	8	8				1908
83	7/8/2007	2	2				1276
84	7/18/2007	1	1				1776
85	7/24/2007	7	8				2008
86	7/19/2007	9	8				1836
87	7/20/2007	11	11				1948
88	7/19/2007	6	6				1843
89	7/16/2007	4	4				1586
90	7/20/2007	9	9				1922
91	7/8/2007	2	2				1201
92	7/20/2007	8	8				1912

93	7/21/2007	11	12				1985
94	7/21/2007	10	11				1992
95	7/20/2007	9	10				1896
96	7/19/2007	4	4				1814
97	7/25/2007	11	12				2031
98	7/21/2007	6	6				1988
99	7/24/2007	8	8				2006
100	7/25/2007	3	3				2032

COMMENT

USE AND USER INFO: A CARE member initiates an exchange by requesting an Exchange Id number from the CARE Age Structure Exchange (CASE) Coordinator, the CARE vice chair. The CARE member conducts and completes the exchange and submits this completed invoice to the CASE Coordinator. This CARE Age Structure Exchange Invoice documents data resulting from a formal interlab exchange. Questions of these or associated data may be made to the above listed \*coordinator of the originating agency.

PRECISION STATISTICS

AVERAGE % ERROR	1.91	INDEX OF PRECISION		1yr +/-	97
COEFFICIENT OF VARIATION	2.7	%AGREEMENT	76	2yr +/-	97