

**UPDATING OF THE CATCH-AT-SIZE DATA BASE FOR ALBACORE
DATA SUBSTITUTION, AND RAISING TO THE TOTAL CATCH,
PRESENTED TO TWO ALBACORE MEETINGS IN 1994**

by

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Table 1. Data substitutions and raising done for the albacore meeting, June, 1994.

CATCH DATA							MATCHED SIZE DATA												
A	COUNTRY	C	GEAR	G	Y	T	CATC	R.F.	A	COUNTRY	C	GEAR	G	Y	T	WGHT	NO.	REMARKS	
R		O		E	E	I		Y	R		O		E	E	I				
E		U		A	A	M		P	E		N		A	A	M				
A		N		R	R	E		E	A		T		R	R	E				
2	TRINIDAD	41	LL	1	83	17	268	3.00160	2	JAPAN	12	LL	1	83	17			TASKI/EST'D WGHT	
2	TRINIDAD	41	LL	1	84	17	194	1.69468	2	JAPAN	12	LL	1	84	17			TASKI/EST'D WGHT	
2	TRINIDAD	41	LL	1	85	17	318	1.84585	2	JAPAN	12	LL	1	85	17			TASKI/EST'D WGHT	
2	TRINIDAD	41	LL	1	90	17	2	0.02152	2	VENEZUELA	29	LL	1	90	17			TASKI/EST'D WGHT	
1	TRINIDAD	41	LL	1	92	17	247	5.13754	1	VENEZUELA	29	LL	1	92	17			TASKI/EST'D WGHT	
1	IRELAND	66	UNCL	13	90	17	40	0.01702	1	FRANCE	8	GILL	24	90	17			TASKI/EST'D WGHT	
1	IRELAND	66	UNCL	13	91	17	60	0.01417	1	FRANCE	8	GILL	24	91	17			TASKI/EST'D WGHT	
1	IRELAND	66	UNCL	13	92	17	451	0.11278	1	FRANCE	8	GILL	24	92	17			TASKI/EST'D WGHT	
4	ARGENTIN	2	UNCL	13	91	17	60	0.39735										Re-raised	
2	CUBA	6	UNCL	13	91	17	17	0.05661	2	JAPAN	12	LL	1	91	17			R.F. = Taski/Est'd wght	
3	BRASIL	3	LLHB	4	92	17	94	1.34286										Re-raised	
1	FRANCE	8	GILL	24	92	17	4465	1.00000										Re-raised	
4	BRA-TAW	100	LLFB	3	92	17	2126	0.68691										REV. DATA J.H.MENESE	
4	S. AFRICA	20	LLHB	4	85	17	44	1.00000										REV BY NAT. SCIENTIS	
4	S. AFRICA	20	ALL	6	86	17	9	1.00000										REV BY NAT. SCIENTIS	
4	S. AFRICA	20	ALL	12	86	17	38	1.00000										REV BY NAT. SCIENTIS	
4	S. AFRICA	20	ALL	17	86	17	5787	1.00000										REV BY NAT. SCIENTIS	
4	S. AFRICA	20	LLHB	4	86	17	96	1.00000										REV BY NAT. SCIENTIS	
4	S. AFRICA	20	SPORT	12	87	17	58	1.00000										REV BY NAT. SCIENTIS	
4	S. AFRICA	20	ALL	17	87	17	7212	1.00000										REV BY NAT. SCIENTIS	
4	S. AFRICA	20	SPORT	12	88	17	44	1.00000										REV BY NAT. SCIENTIS	
4	S. AFRICA	20	BB	17	88	17	6526	1.00000										REV BY NAT. SCIENTIS	
4	S. AFRICA	20	LLHB	4	88	17	0	1.00000										REV BY NAT. SCIENTIS	
4	S. AFRICA	20	SPORT	12	89	17	56	1.00000										REV BY NAT. SCIENTIS	
4	S. AFRICA	20	BB	17	89	17	6834	1.00000										REV BY NAT. SCIENTIS	
4	S. AFRICA	20	SPORT	12	90	17	60	1.00000										REV BY NAT. SCIENTIS	
4	S. AFRICA	20	BB	17	90	17	5220	1.00000										REV BY NAT. SCIENTIS	
4	S. AFRICA	20	SPORT	12	91	17	55	1.00000										REV BY NAT. SCIENTIS	
4	S. AFRICA	20	BB	17	91	17	3355	1.00000										REV BY NAT. SCIENTIS	
4	S. AFRICA	20	SPORT	12	92	17	54	1.00000										REV BY NAT. SCIENTIS	
4	S. AFRICA	20	BB	17	92	17	6306	1.00000										REV BY NAT. SCIENTIS	
N	CHI-TAIWAN	5	LL	1	81	Q		1.00000										REV BY NAT. SCIENTIS	
N	CHI-TAIWAN	5	LL	1	82	Q		1.00000											REV BY NAT. SCIENTIS
N	CHI-TAIWAN	5	LL	1	83	Q		1.00000											REV BY NAT. SCIENTIS
N	CHI-TAIWAN	5	LL	1	84	Q		1.00000											REV BY NAT. SCIENTIS
N	CHI-TAIWAN	5	LL	1	85	Q		1.00000											REV BY NAT. SCIENTIS
N	CHI-TAIWAN	5	LL	1	86	Q		1.00000											REV BY NAT. SCIENTIS
N	CHI-TAIWAN	5	LL	1	87	Q		1.00000											REV BY NAT. SCIENTIS
N	CHI-TAIWAN	5	LL	1	88	Q		1.00000											REV BY NAT. SCIENTIS
N	CHI-TAIWAN	5	LL	1	89	Q		1.00000											REV BY NAT. SCIENTIS
N	CHI-TAIWAN	5	LL	1	90	Q		1.00000											REV BY NAT. SCIENTIS
N	CHI-TAIWAN	5	LL	1	91	Q		1.00000											REV BY NAT. SCIENTIS
N	CHI-TAIWAN	5	LL	1	92	Q		1.00000											REV BY NAT. SCIENTIS
N	CHI-TAIWAN	5	LL	1	93	Q		1.00000											REV BY NAT. SCIENTIS
S	CHI-TAIWAN	5	LL	1	81	Q		1.00000											REV BY NAT. SCIENTIS
S	CHI-TAIWAN	5	LL	1	82	Q		1.00000											REV BY NAT. SCIENTIS
S	CHI-TAIWAN	5	LL	1	83	Q		1.00000											REV BY NAT. SCIENTIS
S	CHI-TAIWAN	5	LL	1	84	Q		1.00000											REV BY NAT. SCIENTIS
S	CHI-TAIWAN	5	LL	1	85	Q		1.00000											REV BY NAT. SCIENTIS
S	CHI-TAIWAN	5	LL	1	86	Q		1.00000											REV BY NAT. SCIENTIS
S	CHI-TAIWAN	5	LL	1	87	Q		1.00000											REV BY NAT. SCIENTIS
S	CHI-TAIWAN	5	LL	1	88	Q		1.00000											REV BY NAT. SCIENTIS
S	CHI-TAIWAN	5	LL	1	89	Q		1.00000											REV BY NAT. SCIENTIS
S	CHI-TAIWAN	5	LL	1	90	Q		1.00000											REV BY NAT. SCIENTIS
S	CHI-TAIWAN	5	LL	1	91	Q		1.00000											REV BY NAT. SCIENTIS
S	CHI-TAIWAN	5	LL	1	92	Q		1.00000											REV BY NAT. SCIENTIS
S	CHI-TAIWAN	5	LL	1	93	Q		1.00000											REV BY NAT. SCIENTIS

Table 2. Procedures adopted for updating albacore catch at size for Nov. 1994 stock assessments.

CATCH DATA							MATCHED SIZE DATA										
A	COUNTRY	C	GEAR	G	Y	CATC	R.F.	A	COUNTRY	C	GEA	G	Y	T	WGHT	NO.	REMARKS
R		O		E	E	I				O		E	E	I			
E		U		A	A	M				N		A	A	M			
A		N		R	R	E				T		R	R	E			
2	CHLTAIW	5	LLFB	3	75	8130	1.14479										Re-raised by Task I/Est'd.wg
3	CHLTAIW	5	LLFB	3	75	13384	0.84212										Re-raised by Task I/Est'd.wg
2	CHLTAIW	5	LLFB	3	79	6973	1.34930										Re-raised by Task I/Est'd.wg
3	CHLTAIW	5	LLFB	3	79	20340	1.32894										Re-raised by Task I/Est'd.wg
3	CHLTAIW	5	LLFB	3	80	18710	0.80825										Re-raised by Task I/Est'd.wg
4	S.AFRICA	20	LLHB	4	80	357	0.82468										Re-raised by Task I/Est'd.wg
4	S.AFRICA	20	BB	17	81	1783	1.04249	4	S.AFRICA	20	BB	17	81				R.F.=TaskI/Est'd wght
4	S.AFRICA	20	LLHB	4	82	201	0.07037	4	S.AFRICA	20	BB	17	82				R.F.=TaskI/Est'd wght
4	S.AFRICA	20	PS	6	82	0	0.00000	4	S.AFRICA	20	PS	6	82				DELETED
4	S.AFRICA	20	BB	17	82	2979	1.04288	4	S.AFRICA	20	BB	17	82				R.F.=TaskI/Est'd wght
4	S.AFRICA	20	LLHB	4	84	345	0.10613	4	S.AFRICA	20	BB	17	84				R.F.=TaskI/Est'd wght
4	S.AFRICA	20	PS	6	84	0	0.00000	4	S.AFRICA	20	PS	6	84				DELETED
4	URUGUAY	42	LLHB	4	84	526	0.88911										Re-raised by Task I/Est'd.wg
4	S.AFRICA	20	BB	17	85	6700	1.08904										Re-raised by Task I/Est'd.wg
4	BRASIL	3	LLHB	4	86	56	1.37256										Re-raised by Task I/Est'd.wg
4	BRASJPN	57	LLFB	3	88	328	0.74537										Re-raised by Task I/Est'd.wg
3	KOREA	13	LLFB	3	89	54	0.41906										Re-raised by Task I/Est'd.wg
2	USA	25	LL	1	90	4		GOFM									Nothing done
2	USA	25	LL	1	90	134		NW									Nothing done
2	USA	25	LL	1	90	10		WTRO									Nothing done
2	USA	25	TROL	9	90	8		NW									Nothing done
2	USA	25	TRAW	14	90	1		NW									Nothing done
2	USA	25	HAND	19	90	8		NW									Nothing done
2	USA	25	RR	22	90	201		NW									Nothing done
2	USA	25	GILL	24	90	21		NW									Nothing done
2	USA	25	LL	1	91	5		NW									Nothing done
2	USA	25	LL	1	91	191		GOFM									Nothing done
2	USA	25	LL	1	91	5		NW									Nothing done
2	USA	25	TROL	9	91	4		WTRO									Nothing done
2	USA	25	TRAP	10	91	2		NW									Nothing done
2	USA	25	HAND	19	91	9		NW									Nothing done
2	USA	25	RR	22	91	254		NW									Nothing done
2	USA	25	MWT	23	91	5		NW									Nothing done
2	USA	25	GILL	24	91	7		NW									Nothing done
4	BRAS-HON	102	LLFB	3	91	3	0.20000	4	BRASJPN	57	LLHB	4	91				Nothing done
3	CHLTAIW	5	LLFB	3	92	17799	0.85599										R.F.=TaskI/Est'd wght
1	JAPAN	12	LL	1	92	609	1.00000	1	JAPAN	12	LL	1	92	0	0		Re-raised by Task I/Est'd.wg
2	JAPAN	12	LL	1	92		1.00000	2	JAPAN	12	LL	1	92	0	0		C/size by nat. sci.
3	JAPAN	12	LL	1	92	542	1.00000	3	JAPAN	12	LL	1	92	0	0		C/size by nat. sci.
4	JAPAN	12	LL	1	92		1.00000	4	JAPAN	12	LL	1	92	0	0		C/size by nat. sci.
1	ESPANA	21	TROL	9	92	7347	1.00000	1	ESPANA	21	TROL	9	92	186120	30210		C/size by nat. sci.
1	ESPANA	21	BB	17	92	10516	1.00000	1	ESPANA	21	BB	17	92	87627	10765		C/size by nat. sci.
2	USA	25	LL	1	92	8		GOFM									Nothing done
2	USA	25	LL	1	92	129		NW									Nothing done
2	USA	25	LL	1	92	9		WTRO									Nothing done
2	USA	25	TROL	9	92	1		NW									Nothing done
2	USA	25	TRAP	10	92	8		NW									Nothing done
2	USA	25	HAND	19	92	4		NW									Nothing done
2	USA	25	RR	22	92	103		NW									Nothing done
2	USA	25	MWT	23	92	109		NW									Nothing done
2	USA	25	GILL	24	92	6		NW									Nothing done
4	BRASIL	3	LLHB	4	93	54	0.00208	4	CHLTAIW	5	LLFB	3	93				R.F.=TaskI/Est'd wght
4	BRASIL	3	BBF	16	93	12	0.00004	4	CHLTAIW	5	LLFB	3	93				R.F.=TaskI/Est'd wght
1	CANADA	4	LL	1	93	9	0.00592	1	CHLTAIW	5	LLFB	3	93				R.F.=TaskI/Est'd wght
1	CHLTAIW	5	LLFB	3	93	1424	1.00000	1	CHLTAIW	5	LLFB	3	93				R.F.=TaskI/Est'd wght
4	CHLTAIW	5	LLFB	3	93	24322	1.00000										C/size by nat. sci.
2	FRANCE	8	MWT	23	93	1706	9.73243	1	FRANCE	8	GILL	24	93	0	27677		R.F.=TaskI/Est'd wght
2	FRANCE	8	GILL	24	93	4587	26.16803	1	FRANCE	8	GILL	24	93	0	27677		R.F.=TaskI/Est'd wght
1	JAPAN	12	LLHB	4	93	465	0.99594	1	JAPAN	12	LL	1	92	0	0		R.F.=TaskI/Est'd wght
2	JAPAN	12	LLHB	4	93		0.99594	2	JAPAN	12	LL	1	92	0	0		R.F.=TaskI/Est'd wght
3	JAPAN	12	LLHB	4	93	432	0.54892	3	JAPAN	12	LL	1	92	0	0		R.F.=TaskI/Est'd wght
4	JAPAN	12	LLHB	4	93		0.54892	4	JAPAN	12	LL	1	92	0	0		R.F.=TaskI/Est'd wght
2	PORTUGAL	19	SURF	11	93	16	0.04840	2	SPAIN-CANAR	45	BB	17	93	0	0		R.F.=TaskI/Est'd wght

Table 2. Procedures adopted for updating albacore catch at size for Nov. 1994 stock assessments.

CATCH DATA							MATCHED SIZE DATA										
A	COUNTRY	C	GEAR	G	Y	CATC	R.F.	A	COUNTRY	C	GEA	G	Y	T	WGHT	NO.	REMARKS
R		O		E	E	I	Y			O		E	E	I			
E		U		A	A	M	P			N		A	A	M			
A		N		R	R	E	E			T		R	R	E			
2	PORT-MAD	19	BB	17	93	413	1.24926	2	SPAIN-CANAR	45	BB	17	93				R.F.=TaskI/Est'd wght
2	PORT-AZOR	19	BB	17	93	1209	3.65705	2	SPAIN-CANAR	45	BB	17	93				R.F.=TaskI/Est'd wght
4	S.AFRICA	20	BB	17	93	4530	1.00000										C/size by nat. sci.
3	ESPANA	21	PS	6	93	848	2.56508	2	SPAIN-CANAR	45	BB	17	93				R.F.=TaskI/Est'd wght
2	ESPANA	21	PS	6	93	1	0.00066	1	CHAITAW	5	LLFB	3	93				R.F.=TaskI/Est'd wght
2	ESPANA	21	TROL	9	93	6094	1.00000	2	ESPANA	21	TROL	9	93	162573	28045		C/size by nat. sci.
2	ESPANA	21	BB	17	93	11674	1.00000	2	ESPANA	21	BB	17	93	117078	13705		C/size by nat. sci.
4	ESP-CANAR	21	BB	17	93	603	1.82399	2	SPAIN-CANAR	45	BB	17	93	5539	220		R.F.=TaskI/Est'd wght
2	USA	25	LL	1	93	8			GOFM								Nothing done
2	USA	25	LL	1	93	151			NW								Nothing done
2	USA	25	LL	1	93	14			WTRO								Nothing done
2	USA	25	TROL	9	93	15			NW								Nothing done
2	USA	25	HAND	19	93	3			NW								Nothing done
2	USA	25	RR	22	93	193			NW								Nothing done
2	USA	25	MWT	23	93	68			NW								Nothing done
2	USA	25	GILL	24	93	2			NW								Nothing done
4	BRASJPN	57	LLFB	3	93	246	0.00949	4	CHAITAW	5	LLFB	3	93				R.F.=TaskI/Est'd wght
2	IRELAND	66	GILL	24	93	1946	84.04668	1	IRELAND	66	GILL	24		0	2836		R.F.=TaskI/Est'd wght
4	BRAS.TAI	100	LLFB	3	93	3665	0.14132	4	CHAITAW	5	LLFB	3	93				R.F.=TaskI/Est'd wght
4	BRAS-HON	102	LLFB	3	93	5	0.00019	4	CHAITAW	5	LLFB	3	93				R.F.=TaskI/Est'd wght
2	PORTUGAL	19	BB	17	93	1749	5.29047	2	SPAIN-CANAR	45	BB	17	93				R.F.=TaskI/Est'd wght
2	UK		GILL	24	93	402	2.29334	1	FRANCE	8	GILL	24	93				R.F.=TaskI/Est'd wght

* U.S. catches were not sized, according to the previous decision of Albacore group
There are some weight frequency data available.

Portugal Supplement = New Azor. catch (3147) + Madeira catch (224) - old Est. catch of Azor (1209) and Maderia (413)