

Addendum to : OMP-08 (MCM/2008/SWG-PEL/23)

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It was recently discovered that the columns of control parameters and constraints for OMP-02 and Re-Revised OMP-04 reported in MCM/2008/SWG-PEL/23 were mistakenly for Re-Revised OMP-04 and OMP-04. Table 1 below gives the correct values.

Note that for OMP-02 the three key control parameters were directly dependent on the choice of individual rights holders' preferred ratios combined with their percentage allocation of the fishery. Thus, as the number of rights holders and the rights holders' preferred ratios changed during the implementation of OMP-02, these three key control parameters changed. The values reported below correspond to the final (115) rights holders' preferred ratios at the end of 2003.

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Table 1. Parameters and constraints in OMP-02, re-revised OMP-04, and OMP-08. (Note that although all biomass values are given in tons in the table, the equations in the Appendix use biomass in thousands of tons.)

Control Parameter		OMP-02	Re-Revised OMP-04	OMP-08
β	directed sardine control parameter	0.1865	0.14657	0.097
α_{ns}	directed anchovy control parameter for normal season	0.16655	0.73752	0.78
α_{ads}	directed anchovy control parameter for additional season	0.99956	1.47504	1.17
Constraints		OMP-02	Re-Revised OMP-04	OMP-08
TAB_{rh}^S	fixed annual adult sardine bycatch	10 000t	10 000t	3 500t
c_{mxdn}^S	maximum proportion by which directed sardine TAC can be annually reduced	0.20	0.15	0.20
c_{mxdn}^A	maximum proportion by which normal season anchovy TAC can be annually reduced	0.30	0.25	0.25
c_{mntac}^S	minimum directed sardine TAC	90 000t	90 000t	90 000t
c_{mntac}^A	minimum directed anchovy TAC	150 000t	150 000t	120 000t
c_{mxtac}^S	maximum directed sardine TAC	250 000t	500 000t	500 000t
c_{mxtac}^A	maximum directed normal season anchovy TAC	600 000t	600 000t	600 000t
c_{tier}^S	2-tier break for directed sardine TAC	N/A	240 000t	255 000t
c_{tier}^A	2-tier break for directed anchovy TAC	N/A	330 000t	330 000t
$c_{mxinc}^{ns,A}$	maximum increase in normal season anchovy TAC	150 000t	200 000t	150 000t
$c_{mxinc}^{ads,A}$	maximum additional season anchovy TAC	100 000t	150 000t	120 000t
TAB_{ads}^S	maximum sardine bycatch during the additional season	2 000t	2 000t	2 000t
B_{smooth}^S	threshold at which directed sardine TAC is linearly decreased	N/A	800 000t	800 000t
B_{ec}^S	threshold at which Exceptional Circumstances are invoked for sardine	150 000t	250 000t	300 000t
B_{ec}^A	threshold at which Exceptional Circumstances are invoked for anchovy	400 000t	400 000t	400 000t
B_1	threshold above which the anchovy additional sub-season TAC can increase more rapidly	N/A	N/A	1 000 000t
B_2	threshold above which the anchovy additional sub-season TAC reaches a maximum	N/A	N/A	1 500 000t
x^S	the proportion of the Exceptional Circumstances threshold below which sardine TAC is zero.	0	0	0.25
x^A	the proportion of the Exceptional Circumstances threshold below which anchovy TAC is zero.	0	0.25	0.25
R_{crit}	sardine recruitment threshold above which the maximum possible mid-year increase in sardine TAC under Exceptional Circumstances is achieved	N/A	N/A	17.38
Δ^A	threshold above B_{ec}^A at which linear smoothing is introduced before anchovy Exceptional Circumstances are declared (to ensure continuity)	N/A	N/A	100 000t

Table 1 (continued).

Fixed Controls		OMP-02	Re-Revised OMP-04	OMP-08
δ	'scale-down' factor on initial anchovy TAC	0.85	0.85	0.85
p	weighting given to recruit survey in anchovy TAC	0.7	0.7	0.7
q	relates to average TAC under OMP99	300	300	300
γ_y	conservative initial estimate of juvenile sardine : anchovy ratio	0.1	0.1-0.2 (eqn. A.5)	0.1-0.2 (eqn A.5)