Corrected TAC recommendations for the 2008[1] season using OMP 2007 re-cast

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Due to a misinterpretation of the rule used to set the recreational allocation, the TAC 2008 recommendations have been re-calculated. The incorrect misinterpretation was that the recreational allocation in each year would start at a value of 320 MT – this would then be checked against two constraints and then modified accordingly.

The correct interpretation is that the recreational allocation starts at the preceding year's value – this is then checked against two constraints and adjusted accordingly. The algebra has been clarified below. The rationale behind this interpretation is that one does not want to vary the recreational (or similarly near-shore) allocation each year by small amounts – once reset from their previous values, these allocations should change only given a relatively substantial difference in the global TAC since the time such resetting took place .

A similar misinterpretation existed for the calculation of the nearshore rights holders TAC, although for 2008 the correction of the interpretation does not affect the result.

Table 1 below reports the correct TAC 2008 recommendations using OMP 2007 recast.

Table 1: TAC recommendations for the 2008 season using OMP-2007 re-cast.

	Global TAC (Commercial + recreational)	**Commercial only**	**Offshore quotas**	**Near-shore quotas**	**Recreational**
Total	**2340**	**2083**	**1632**	**451**	**257**
A1-2	29.3	24.2	0	24.2	
A3-4	130.4	101.8	29.3	72.5	
A5-6	64.3	32.2	0	32.2	
A7	588.3	578.0	578.0	0	
A8+	1524.6	1347.3	1025.0	322.3	

Calculation of TAC 2008

1) Initial step
After the 10% constraint on the initial OMP TAC is applied, the initial global TAC from the OMP = 2314 MT

2) Recreational allocation
The following algorithm is applied:

[1] The convention throughout this document is that 2008 refers to the 2008/9 season.

$C_t^{rec} = C_{t-1}^{rec}$ MT initially, thus
$C_{2008}^{rec} = 257$ MT (the allocation for 2007) initially

If $C_t^{rec} / TAC_t^G > 0.12 TAC_t^G$ then $C_t^{rec} = 0.10 TAC_t^G$
If $C_t^{rec} / TAC_t^G < 0.08 TAC_t^G$ then $C_t^{rec} = 0.10 TAC_t^G$

If $C_t^{rec} > 450$ MT then $C_t^{rec} = 450$ MT

where C_t^{rec} is the overall recreational take for year *t*, and TAC_t^G is the initial "global" (commercial plus recreational) TAC for year *t* as output by the OMP.

Thus, since 257/2314 = 0.11 the thresholds above for change are not exceeded, and the recreational allocation for 2008 remains at **257 MT.**

3) Total commercial allocation
This is given by the initial global TAC less the recreational allocation, which is equal to 2314 MT – 257 MT = 2057 MT.

This total commercial allocation of 2057 MT is less than 90% of the 2007 value (the lower bounded constraint) of 2314 MT, and is thus adjusted to be equal to 0.90*2314 = 2083 MT.

4) Near-shore commercial allocation
The total near-shore allocation varies up and down over time in a similar manner to the recreational allocation. This allocation each year, NSQ^T, is calculated as follows:

$NSQ_t^T = NSQ_{t-1}^T$ MT initially, thus
$NSQ_{2008}^T = 560$ MT (the allocation for 2007) initially

If $NSQ_t^T / TAC_t^G < 0.16 TAC_t^G$ then $NSQ_t^T = 0.195 TAC_t^G$
If $NSQ_t^T / TAC_t^G > 0.24 TAC_t^G$ then $NSQ_t^T = 0.195 TAC_t^G$

If $NSQ_t^T > 800$ MT then $NSQ_t^T = 800$ MT

Thus, since 560/2314=0.242 this exceeds the 0.24 threshold above, so that the total near-shore allocation for 2008 = 0.195 *2314 = **451 MT.**

5) Offshore commercial allocation
The offshore commercial allocation for 2008 is the total commercial allocation less the total near-shore allocation, i.e.: 2083 MT - 451 MT = **1632 MT.**

6) Final global TAC
The final global TAC is thus the adjusted commercial total of 2083 MT plus the recreational allocation of 257 MT = **2340 MT.**