

OMP-08 recommended directed sardine TAC for 2011 for a range of November 2010 survey estimates of abundance

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Given the above average sardine recruitment observed in May 2010 (Coetzee et al. 2010), there have been some questions as to whether the directed sardine TAC for 2011 would be above the minimum of 90 000t. Table 1 shows that the survey estimate of sardine abundance will need to be above 927 000t before an increase from the minimum 90 000t directed sardine TAC will be recommended by OMP-08 (de Moor and Butterworth 2008). Exceptional circumstances rules would decrease the directed sardine TAC below 90 000t if the sardine abundance is estimated to be less than 300 000t.

References

- Coetzee, J.C., Twatwa, N., and Merkle, D. 2010. Results of the 2010 pelagic recruitment survey. MCM Document MCM/2010/SWG-PEL/32b.
- de Moor CL and Butterworth DS 2008. OMP-08. Unpublished MCM Document MCM/2008/SWG-PEL/23. 15pp

Table 1. The directed sardine TAC for 2011 given a range of values of sardine abundance estimated from the November 2010 hydroacoustic survey.

November 2010 survey estimate of abundance	2011 directed sardine TAC
<75 000t	0t
<300 000t	<90 000t
500 000t	90 000t
900 000t	90 000t
928 000t	90 016t
950 000t	92 150t
1 000 000t	97 000t
1 050 000t	101 850t
1 100 000t	106 700t
1 150 000t	111 550t
1 200 000t	116 400t
1 250 000t	121 250t
1 300 000t	126 100t
1 350 000t	130 950t
1 400 000t	135 800t
1450 000t	140 650t
1 500 000t	145 500t

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