



CCAMLR

COMM CIRC 10/123
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Spreadsheet for calculating the tag overlap statistic in exploratory fisheries for *Dissostichus* spp. in 2010/11

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**TO ALL MEMBERS OF THE COMMISSION
AND THE SCIENTIFIC COMMITTEE**

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**Spreadsheet for calculating the tag overlap statistic in
exploratory fisheries for *Dissostichus* spp. in 2010/11**

The Secretariat has developed a spreadsheet for calculating the tag overlap statistic (CM 41-01, Annex C), using the catches reported in the catch and effort data (form C2), and the lengths measured by scientific observers and reported in their logbooks (biological data form L6 and tagging form L11). The spreadsheet, which will be emailed to Members and vessels participating in exploratory fisheries for *Dissostichus* spp., may be used to calculate the tag overlap statistic during a fishing trip.

The spreadsheet calculates the tag overlap statistic using the formula in footnote 3 of Annex 41-01/C, where:

- lengths are aggregated in 10 cm length bins;
- the proportion of all fish tagged in length bin i (P_i) is derived from the measured lengths reported in form L11;
- the proportion of all fish caught (i.e. fish either landed or tagged and released) in length bin i (P_c) is derived from the measured lengths reported in forms L6 and L11, and the total number of fish caught and reported in form C2. The measured length-frequency distribution of fish caught in each haul is scaled to the total number of fish of that species caught in that haul, and the scaled length-frequency distributions are summed across all completed hauls.

Members are advised that the calculation in this spreadsheet is indicative only, and it is the responsibility of Flag States to ensure compliance with this statistic and related requirements of CM 41-01.

Andrew Wright
Executive Secretary