

CCSBT-ICM/0304/04

REVIEW OF INDONESIAN CATCH MONITORING SYSTEMS

1. OBJECTIVES

To obtain reliable and comprehensive information on the Indonesian SBT fishery for use in stock assessments and recommendations regarding TACs, the Extended Commission of the Commission for the Conservation of Southern Bluefin Tuna (CCSBT) requires the monitoring arrangements and methodologies used for estimating the Indonesian SBT catch to be reviewed. The CCSBT also seeks guidance on the structure of an appropriate fishery monitoring program which will provide a better understanding of SBT exploitation by Indonesian fisheries.

2. TERMS OF REFERENCE

The Terms of Reference agreed at CCSBT9 are to:

- Assess the systems and methodologies currently used to provide data on the estimated total catch of SBT by Indonesia.
- Where appropriate, provide recommendations for improving the current systems and methodologies used to monitor Indonesian SBT catch.
- Where necessary, make recommendations on measures to coordinate CCSBT and IOTC monitoring programs to maximize compatibility between the IOTC and CCSBT programs.
- Review available data on SBT exports from Indonesia and provide comment on possible sources of difference between Indonesian export data and exports documented by the TIS.
- Provide an estimate of cost for any proposed improvements or additional monitoring.

3. SCHEDULE OF ACTIVITIES

The initial proposal for this review was made by Australia to the CCSBT Secretariat in June 2002 and discussed at the 7th SC meeting in September 2002. The terms of reference were developed and approved at the CCSBT9 meeting in October 2002. The agreed schedule of review activities includes:

- Agreement will need to be reached by early February 2003 on the information required by the review panel. The agreed background papers, descriptive information and appropriate available data should be exchanged between review panel participants and advisors, through the CCSBT Secretariat, by 15 February 2003.

- Any further preparatory analyses and summaries of the exchanged data, or responses to the information exchanged in February, should be completed by 15 March 2003 at the latest.
- The Review Panel is scheduled to meet for 2 days during the course of the 2nd Management Procedure workshop to be held in New Zealand over 7-15 April 2003, probably on 9-10 April. The work of the Panel will have to be completed, and the review report drafted, at this meeting.
- The content, particularly conclusions and recommendations, in this report should be submitted to the 8th SC meeting for their comment (1-4 September 2003), and then to CCSBT10 for consideration, approval and implementation (October 2003).

4. REVIEW PANEL PARTICIPATION

Chair:

- A.J. Penney (SC Chair)

Participants:

- Participants in the current catch monitoring program, specifically those involved from CSIRO, RIMF and DGCF. Indonesian representatives should be suitably experienced with the collection and raising procedures for Indonesian data.
- Representatives of members of the Extended Commission of the CCSBT.

Advisors:

- A representative of the IOTC Secretariat involved in development and management of the IOTC data systems (Dr A. Anganuzzi).
- Members of the CCSBT Advisory Panel.

5. INFORMATION REQUIREMENTS

The following background information and data should be prepared and exchanged prior to the meeting of the review panel, and made available to the panel meeting:

- Initial background papers on the Indonesian catch monitoring system were presented at the 7th SC meeting. Members are encouraged to expand on these initial papers and present them at the review panel meeting as background documents.
- Past papers prepared as background to the development of the current multilateral monitoring system in Indonesia should be made available on the CCSBT website document exchange area, and to the review panel meeting in electronic format.
- The IOTC should provide an overview and explanation of IOTC data collection, substitution and raising procedures, particularly insofar as they are relevant to estimation of Indonesian catches. This review should include recent IOTC estimates of Indonesian tuna catches, including SBT.

- Existing participants in the current Indonesian catch monitoring system (CSIRO, RIMF and DGCF) should cooperate in producing a detailed explanatory document (including flowcharts and explanations of data collection, substitution and raising procedures) of the past and present monitoring systems. This should specifically explain sampling protocols, substitution and raising procedures.
- Available data on landings, intermediate sorting and classification of catch and export should be made available to the meeting in a form which protects confidentiality of sensitive aspects of the data.
- Indonesia should specifically provide DINAS export permit data, perhaps in cooperation with other participants in the current monitoring program, and provide an explanation of how SBT exports are documented and estimated.
- If considered feasible, existing participants in the monitoring program should prepare an evaluation of the changes in estimates of Indonesian catch that would have resulted from reduced sampling levels in the past (using sub-samples of data).

6. EXPECTED END PRODUCTS

The outcome from the review panel will be a comprehensive review report, to be submitted to the Scientific Committee for information, and to the Commission for consideration. This report will include:

- A detailed description of the design and functioning of past and present catch monitoring systems used in Indonesia.
- Specific review and evaluation of recent improvements made to these monitoring systems, and the extent to which they have addressed shortcomings (deficiencies) in the past systems.
- Assessment of the coverage, accuracy and bias of past and current estimates of Indonesian SBT catches, with consideration of how these characteristics of the data may have changed over time.
- Review of available information on Indonesian SBT exports and commentary on possible sources of difference between export estimates derived from this information and TIS estimates of Indonesian exports.
- Recommendations on further changes or improvements to be made in Indonesian catch monitoring systems, to improvement the capacity of these systems to provide complete and accurate estimates of total annual Indonesian SBT catches and to revise the past catch history record.

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- Cost estimates for any proposed developments or improvements in these monitoring systems, required to meet the specific needs of the CCSBT.
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