

Original: English

FINANCIAL IMPLICATIONS OF PROPOSED NEW RECOMMENDATIONS AND RESOLUTIONS

At the 2015 Commission Meeting, the STACFAD Chair requested that CPCs take into account the financial implications arising from the Recommendations as well as the necessary human resources.

The delegation of Iceland supported the idea and said that thought could be given to the idea of a Recommendation, when produced, being accompanied by an economic assessment or report. The European Union added that it would also be useful to undertake an assessment of the existing measures so to evaluate their costs and effectiveness against the Convention's objectives.

No decision was reached on either of the two suggestions above, and the proposals put forward in 2016 have not been accompanied by any economic assessment. Many of the proposals, if adopted, will have resource repercussions for both CPCs and for the Secretariat.

The Secretariat is not in a position to estimate the costs to CPCs, and it is difficult to foresee the exact amount of work involved for the Secretariat in the implementation of the proposed measures, as much will depend on both quantity and quality of CPC reporting. Based on previous experience, however, the Secretariat has made some rough minimum estimates (very preliminary) as to the time required. The total minimum time to execute the additional tasks was estimated to be on the order of 85 weeks (5 working days per week, with 8 hours per day).

	<i>Doc</i>	<i>Title</i>	<i>New tasks requiring resources</i>	<i>Approximate estimated time</i>	<i>Approximate cost</i>
PLE	114	Resolution by ICCAT to Establish an Ad Hoc Working Group to Follow up on the Second Performance Review	Organise a meeting of WG. Financing of some members may be required	Head of Finance 16 hours; Administrative assistant 16 hours; other staff member (to attend and provide support before and after) 30 hours; translators 72 hours translators + possible attendance funding	
PWG	404	Recommendation on Vessel Sightings	Develop specific database and required tools to administer and publish the information (web).	DB programmer: 16 hours Compliance officer: 16 hours	
PWG	406	Recommendation by ICCAT on transshipment	Adapt vessel database (and associated, data collection forms, tools, programs to handle and publish the new data) for carrier vessels in order to include type of authorisation (in port/at sea).	Biostatistician: 48 hours Database programmer: 48 hours Compliance officer: 24 hours	
PWG	407	Clarify and Supplement the Process for Seeking Capacity Building Assistance Pursuant to ICCAT	Provide support and assistance to expert group. Meeting may be required?	48 hours compliance officer	
PWG	408	Recommendation by ICCAT on Protecting the Health and Safety of Observers	Provision of satellite communication equipment will have significant financial impact for operators.		Approximately €1,000 each
PWG	409	[Recommendation] [Resolution] by ICCAT for a [Model] Joint International Inspection Scheme	Develop an integrated database with various modules (contacts, authorised vessels/inspectors examples of credentials, explanations, actions, justifications, etc.) and the respective tools to administer the information (programs to enter data, validation, dissemination reports/web). Maintain and post to the secure part of the ICCAT website a standardized multi-language questionnaire developed by Contracting Parties for use in contacting fishing vessels and conducting boarding and inspection activities pursuant to the Scheme.	(only DB & infrastructure development) Biostatistician: 120 hours DB programmer: 120 hours Compliance officer: 40 hours Translators: 32 hours	

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			Compile, maintain, and post to the secure part of the ICCAT website a list of vessels reported pursuant to paragraphs 18 and 19 and encounters and inspections reported pursuant to paragraph 20. Prepare (and translate) annual report on implementation.		
PWG	410	Recommendation by ICCAT to Establish Minimum Standards for Fishing Vessel Scientific Observer Program	Develop data base in accordance with SCRS standard reporting forms to collect data from scientific observer reports	A database already exists. However, the SCRS has under revision the data requirements/structures (form ST09-NatObPrg) which will have costs associated (adapt the existing database) impossible to determine.	
COC	310	Resolution by ICCAT to Facilitate an Effective and Efficient Compliance Process	Compilation of additional inventory	20 hours compliance officer; 24 hours translator	
COC	311	Resolution by ICCAT Establishing an ICCAT Schedule of Actions to Improve Compliance and Cooperation with ICCAT Measures	No additional work for Secretariat	Probably no additional cost	
COC	312	Resolution by ICCAT for the Development of an Online Reporting System	Develop a fully integrated online reporting system (dashboard of modular web applications – one for each form/data requirement – and associated tools: validation, security policy, reporting accomplishment status, email reminders, process automation, multiple filtering criteria, tri-lingual implementation, etc.)	(Highly complex project): 2 phases 1. Feasibility study and prototyping: Compliance officer: 120 hours Biostatistician: 640 hours DB programmer: 500 hours Translator: 24 hours 2. Development (all the infrastructure): Externalised (outsourced) (today, the Secretariat has no resources to develop such a big/complex project)	

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COC	313	Recommendation by ICCAT on Improvement of Compliance Review of Shark Conservation and Management Measures	Compilation and translation of check-sheets and responses	40 hours translators	
PA1	502	Recommendation by ICCAT to Establish an ad hoc Working Group on Fish Aggregating Devices (FADs) (Revision of Rec. 15-02)	Create database for FAD information and the respective tools (forms, applications, reports, filtered datasets, etc.) to compile, validate and administer the information.	Biostatistician: 80 hours Technical assistant: 60 hours; Head Statistics: 10 hours	
PA1	503	Recommendation by ICCAT on a Multi-annual Conservation and Management Program for Tropical Tunas	Develop template for tropical tuna development or fishing/management plans, to be submitted by 15 September 2017. To include in reporting requirements; plans to be translated.	8 hours compliance officer; 40 hours translator	
PA2	603	Recommendation by ICCAT on a Multi-annual Conservation and Management Program for North Atlantic Albacore (by EU)	Adapt ICCAT databases (record of vessels and Task I vessel characteristics) and related infrastructure (forms: CP01 and ST01, programs, documentation, etc.) to include North Atlantic albacore stock (ALB-N) authorisation list.	Biostatistician: 80 hours DB programmer: 60 hours Compliance officer: 40 hours	
PA2	604	Recommendation by ICCAT Amending the Supplemental Recommendation by ICCAT Concerning the Western Atlantic Bluefin Tuna Rebuilding Program	No additional work for Secretariat	Probably no additional cost	
PA4	805	Recommendation by ICCAT for the Conservation of North Atlantic Swordfish	As in PA2_603 (ALB-N) but for North Atlantic swordfish stock (SWO-N) authorisation list.	Biostatistician: 80 hours DB programmer: 60 hours Compliance officer: 40 hours	
PA4	806	Recommendation by ICCAT for the Conservation of South Atlantic swordfish	As in PA4_805 (SWO-N) but for South Atlantic swordfish stock (SWO-S) authorisation list	Biostatistician: 80 hours DB programmer: 60 hours Compliance officer: 40 hours	
PA4	807	Recommendation by ICCAT on Management Measures for the Conservation of the North Atlantic	[May need to clarify for the record that the specific authorisations do not need to be reported to ICCAT; i.e. that these are not a vessel lists for ICCAT Record]	Probably no additional cost	

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		Blue Shark Caught in Association with ICCAT Fisheries			
PA4	808	Recommendation by ICCAT on Management Measures for the Conservation of the South Atlantic Blue Shark Caught in Association with ICCAT Fisheries	[May need to clarify for the record that the specific authorisations do not need to be reported to ICCAT; i.e. that these are not a vessel lists for ICCAT Record]	Probably no additional cost	
PA4	809	Recommendation by ICCAT on Management Measures for the Conservation of the East Atlantic Sailfish	No additional work for Secretariat	Probably no additional cost	
PA4	810	Recommendation by ICCAT replacing the Recommendation [13-04] and establishing a multi-annual recovery plan for Mediterranean swordfish	Extract information from previously reported lists to check capacity 2013 to 2016. Future submission of fishing plans will have implications for translation (need to request guidance on content). Adapt ICCAT databases (record of vessels and Task I vessel characteristics) and related infrastructure (forms: CP01 and ST01, programs, documentation, etc.) to include sport/rec lists (SWO-M) and Mediterranean albacore authorisation list.	Biostatistician: 100 hours DB programmer: 80 hours Compliance officer: 50 hours Translator: 8 hours	
PA4	811	Recommendation by ICCAT for the Conservation of North Atlantic Swordfish	As for PA-805 (SWO-N)	Biostatistician: 80 hours DB programmer: 60 hours Compliance officer: 40 hours	
PA4	803	Recommendation by ICCAT Concerning the Conservation of Sharks Caught in Association with Fisheries Managed by ICCAT	No additional work for Secretariat	Probably no additional cost	
PA4	804	Recommendation by ICCAT on Monitoring and Avoiding Cetacean Interactions in ICCAT Fisheries	Adapt reporting requirements and annual report format	Can be incorporated at no additional cost	

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PA4	813	Recommendation by ICCAT for Western Atlantic Sailfish	No additional work for Secretariat	Probably no additional cost	
PA2	605	Recommendation by ICCAT for the Conservation and Management of North Atlantic Albacore (by US; the same purpose as PA2-603)	Adapt ICCAT databases (record of vessels and Task I vessel characteristics) and related infrastructure (forms: CP01 and ST01, programs, documentation, etc.) to include North Atlantic albacore stock (ALB-N) authorisation list.	Biostatistician: 80 hours DB programmer: 60 hours Compliance officer: 40 hours	
COC	314	Recommendation by ICCAT to amend reporting deadlines in order to facilitate an effective and efficient compliance process	No additional work for Secretariat; should afford a more thorough review of the information submitted	Probably no additional cost	
PLE	136	Resolution by ICCAT on areas that are important and unique for ICCAT species including the Sargasso Sea	No additional work for Secretariat	Probably no additional cost	
PA2	610	Recommendation by ICCAT to supplement “ <i>Recommendation 14-04 by ICCAT Amending the Recommendation 13-07 by ICCAT to Establish a Multi-Annual Recovery Plan for Bluefin Tuna in the Eastern Atlantic and Mediterranean</i> ”	No additional work for Secretariat	Probably no additional cost	
PA4	816	Recommendation by ICCAT on management measures for the conservation of the Atlantic blue shark caught in association with ICCAT fisheries	No additional work for Secretariat	Probably no additional cost	