

**WORKING GROUP FOR THE DEVELOPMENT OF AN ONLINE REPORTING SYSTEM –
2021 STATUS REPORT**

Overview of Working Group Activities for 2021

During 2021, the ICCAT Secretariat continued progress in the development of the Integrated Online Management System (IOMS), completing Phase 1 (IOMS database, IOMS core application, and IOMS annual report Part I/Annex 1 and Part II/Section 3). The most up-to-date version of IOMS was released into production and announced in ICCAT Circular #5773/21. In that circular, ICCAT CPCs were encouraged to use IOMS to submit Part I/Annex 1 and Part II/Section of the 2021 Annual Report. By the end of September 2021, three CPCs submitted Part I/Annex 1 and four CPCs submitted Part II/Section 3 of the 2021 Annual Report using IOMS with the support of the Secretariat. The Secretariat is considering further enhancements, including additional standardized responses for specific data fields, to resolve problems identified during this experimental year.

The Technical Working Group on Online Reporting met virtually 16-18 February 2021 to review progress on the development of the IOMS and provide input on its continued development and release into production. The report from the meeting is available as [COC-306/21](#). With Phase 1 complete, the Working Group approved the following Phase 2 and 3 activities in priority order¹:

Phase 2:

- Dynamic help system;
- Module 1: Vessel record manager;
- Module 2: Port authorization manager;
- Workshop sessions.

Phase 3 to commence in June 2022:

- Module 1: Task 1 nominal catches manager;
- Module 2: Compliance tables manager;
- Module 3: Statistical documents manager (Swordfish and Bigeye);
- Module 4: Bluefin tuna (weekly and monthly) catches manager.

The IOMS development team is now continuing work on Phase 2 as agreed to by the Working Group and outlined in its revised workplan (**Appendix 1**). Since March 2021, the list of identified bugs and proposed enhancements have been addressed by the Secretariat and the IOMS was released in production as planned (1 August 2021). Since the IOMS release, the Secretariat has been working with the CPCs to integrate the 2021 Annual Reports (Part I/Annex 1 and Part II/Section 3) submitted in Word into the IOMS. The Secretariat is also adapting the 2018, 2019 and 2020 Annual Reports for upload into the IOMS. This task has suffered some delay due to the complexity of transforming older structures of the annual reports into the current IOMS structures. Both tasks are expected to be completed by the 2021 Commission annual meeting.

The Working Group proposed repealing and replacing *Recommendation by ICCAT to Continue the Development of an Online Reporting System* [Rec. 19-12] [see [COC_313/21](#)] to allow the Working Group to remain active and continue its work identified in its workplan, until suchtime as the Commission decides otherwise.

Proposed 2022-2023 Budget

During the 26th Regular meeting of ICCAT in 2019, the Commission agreed to provide funding for 2020-2021 the continued development of the IOMS consistent with the recommendation of the Online Reporting Working Group. This line item has again been included in the draft 2022-23 regular budget of the Commission, which the Secretariat circulated 28 July 2021. The STACFAD will address this item, and additional details for the IOMS Phase 3 development are included in **Appendix 2**.

¹ NOTE: An error in the text under Item 7 of the WG-TOR report ([COC-306/21](#)) incorrectly placed the port authorization module in Phase 3. It will occur in Phase 2, as correctly identified in the workplan in the report's Annex 3 and in Appendix 1 of this document.

IOMS revised work plan, covering the ongoing and future development phases

Phase	Priority	Module/ Task	Description	Data requirements	Develop. State	RefDateEnd	Budget	Remarks
1	1	Module	IOMS core/database	n/a	COMPLETE	2021-08-01	COM	Completed (Under IOMS general maintenance only).
1	2	Module	IOMS annual report (Part II/Section 3, Part I /Annex 1)	S:GEN01, M:GEN01	COMPLETE	2021-08-01	COM	Completed (Under IOMS general maintenance only).
1	3	Task	IOMS in production		COMPLETE	2021-08-01	COM	Completed (Under IOMS general maintenance only).
1	1	Task	Training workshop sessions		n/a	TBD	COM	Postponed to 2022 (for further WG-TOR discussion in 2022)
2	1	Module	Dynamic Help system (module)	n/a	Implementation / Content	2022-03-31	CPC	12 months
2	1	Module	ICCAT Vessel Manager	Up to 21 data requirements (Vessel registration, 11 authorisation lists, carriers, chartering arrangements, transshipment authorizations, previous year activity, etc.)	Design / Implementation	2022-03-31	COM	Restart Oct/2021 (6-month dev.). Will require additional time, depending on the functionalities prioritized (to be decided by the WG-TOR in 2022).
2	2	Module	Port Manager	M:BFT21, M:SWO10	Analysis	2022-05-31	COM	Planned (2 months dev.)
2	1	Task	Workshop sessions		n/a	TBD	COM	Planned (for Vessel record in production).
3	1	Module	T1NC (nominal catches) manager	S:GEN03	Planning			Start (pending study on time required)
3	2	Module	Compliance tables manager	M:GEN03	Planning			Start (pending study on time required)
3	3	Module	SDP programs (SWO, BET)	M:TRO06, M:SWO01	Planning			Possible postponed to Phase 4 (depending on Vessel manager module)
3	4	Module	Bluefin tuna (BFT) weekly and monthly reports Manager	M:BFT22, M:BFT23 (M:TRO14 weekly BET)	Planning			Possible postponed to Phase 4 (Depending on Vessel manager module)
4	Future phases/tasks to be determined/proposed by the WG-TOR.					

Information on the IOMS Phase 3 development planned for the two-year period 2022-2023

Table 1. Description of the projects (modules, enhancements, tasks) planned for the IOMS Phase 3.

<i>Project</i>	<i>Proposed outcome</i>	<i>Indicative Timing</i>
Module 1 - Task 1 Nominal Catches (T1NC) manager	To handle the CPC submissions of Task 1 nominal catches (T1NC, yearly total catches estimations in live weight, dead discards, live discards and alive BFT catches transferred to farms. Information will be provided in standard formats).	8 months
Module 2 - Compliance tables manager	To manage information on the ICCAT Compliance reporting tables (M:GEN03), with respect to last year's catches with balances and adjusted quota where applicable as well as percentage of undersized fish and over-underage. This information will be provided in standard formats.	5 months
Module 3 - Statistical Document Programs (SDP) for SWO and BET	To collect and administer the bi-annual statistical document program submissions of importing data.	4 months
Module 4 - Bluefin tuna (BFT) weekly and monthly reports manager	To manage CPC submissions on Bluefin tuna monthly and weekly catch reports.	7 months

Table 2. Estimations of the consolidated budget for the IOMS Phase 3 development.

<i>Work Component</i>	<i>Development Time (months)</i>	<i>Estimated cost (€)</i>
Module 1	8	110,000
Module 2	5	70,000
Module 3	4	55,000
Module 4	7	100,000
Testing and Integration	*	25,300
Infrastructure	*	25,800
Capacity building	**	23,500
Total	24	409,600

* Indicates continuous work over the budget cycle 2022-2023.

** The Working Group will identify specific activities such as trainings, manuals, webinars, etc., in 2022.

The budget for 2024/25 (IOMS Phase 4 and beyond) will be presented in 2023, together with a list of priority items for continued development of reporting modules.