ONLINE REPORTING TECHNOLOGY WORKING GROUP SYSTEM
2022 STATUS REPORT

Summary of Working Group activities for 2022

During 2022, the ICCAT Secretariat continued progress in the development of the Integrated Online Management System (IOMS), by completing Phase 2 (dynamic help system; improving the Annual Report manager; restarting the vessel record manager development) and starting Phase 3 (major focus on the vessel record manager together with the UN/FLUX integration). Two virtual training workshop sessions were also conducted during 2022 to train registered IOMS users on the use of the IOMS, in particular on the use of the Annual Report manager for submitting the 2022 Annual Reports. In addition, the Secretariat also assisted ICCAT CPCs with completing the 2022 Annual Reports in IOMS, as recommended by the Online Reporting Technology Working Group (WG-ORT).

The WG-ORT met virtually 7-8 February 2022 to review progress on the development of the IOMS and provide input on its continued development. The report from the meeting is available as COC_306/2022. One outcome of the meeting was agreement on revisions to the IOMS user roles, including updates to access rights, read/write permissions, etc., and their hierarchies. With Phases 1 and 2 complete, the Working Group approved the following Phase 3 activities in priority order:

Phase 3 (started in June 2022, with a two-year period):

- Module 1: <u>Port </u>Manager;
- Module 2: <u>Task 1 nominal catches </u>manager;
- Module 3: <u>Compliance tables </u>manager.
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The IOMS development team is now continuing work on Phase 3 (**Addendum 1 to Appendix 2 to ANNEX 9**) as agreed to by the Working Group and outlined in its revised workplan (**Addendum 2 to Appendix 2 to ANNEX 9**).

2022 intersessional tasks

The WG-ORT agreed to continue its work on the following tasks intersessionally in 2022:

1. Confirm provisional user roles and rights (this was accomplished through adoption of the intersessional meeting report; see Tables 4 and 5 in COC_302/2022).

2. Adjust user roles/rights review as needed (this task was identified to address individual flag State needs for certain CPCs, and was accomplished through direct coordination between the EU, the UK, and the Secretariat).

3. Participate in training; communicate with others within CPCs to encourage participation; and make recordings available on ICCAT / IOMS website (two virtual training sessions were held in 2022 and the Secretariat made recordings of each available on the ICCAT website).

4. Draft Guidelines for a "Strategic plan on redundancy elimination" (the Secretariat is currently working on guidelines to address redundancy for discussion by the WG-ORT in 2023).

5. Continue becoming familiar with IOMS:

    1. Distribute ICCAT Circulars to encourage CPCs to use IOMS for Annual Report submission (see ICCAT Circulars #4266/22 and #1040/22).

    2. Submit 2022 Annual Report in IOMS early, in advance of the 15 September deadline.

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IOMS training sessions

To assist CPCs in using the IOMS to submit portions of the 2022 Annual Reports, the WG-ORT agreed at its 2022 Intersessional Meeting to hold two IOMS training workshop sessions in 2022. The two training sessions, in the form of interactive seminars, were intended for all potential ICCAT IOMS users, including WG-ORT Members, CPC administrators and officers, Chairs of ICCAT subsidiary bodies, and Secretariat staff.

The first session took place 28 April 2022, and provided an introduction to IOMS current functionalities (user management, data requirements, data requests, etc.) with a particular emphasis on completing the Annual Reports.

Session 2 took place 1 September 2022 with the intention of reviewing the previous session, answering questions from CPCs that had begun using the system to enter annual reporting data, and resolving reporting errors found in the 2022 Annual Reports.

More than 70 individuals across 35 CPCs as well as ICCAT Officers participated in at least one of the two training sessions.

The Working Group had agreed to hold additional training sessions in 2023 (schedule to be decided during the 2023 WG-ORT intersessional meeting).

2022 annual reporting

In 2021, the ICCAT Secretariat introduced the IOMS system as a new technical feature for streamlining the submissions of Part I/Annex 1 and Part II/Section 3. By way of ICCAT Circulars 4266/22 and 1040/22, CPCs were again encouraged to use IOMS for submitting these sections of the 2022 Annual Reports. The 2022 *Revised Guidelines for the Preparation of Annual Reports* (ICCAT Ref. 12-13) stated that, from 2022 onwards, reporting information for Part I/Annex 1 and Part II/Section 3 of the Annual Reports "shall be entered directly into the ICCAT Integrated Online Management System (IOMS)." The guidelines further provided details for submitting information using IOMS and for receiving additional assistance from the Secretariat.

A summary of statistical indicators on the utilization of the IOMS (as of 2022-11-07) by the ICCAT CPCs to complete the 2022 Annual Report is presented in **Table 1**. Equivalent indicators to the 2021 annual report (IOMS experimental year) were also added for comparative purposes. Overall, a total of 47 CPCs (42 Contracting Parties; 5 Cooperating non-Contracting Parties) used the IOMS (82% of the 57 CPCs) and completed the two sections (P1A1: Part 1/Annex 1; PA2S3: Part 2 /Section 3) of the 2022 Annual Reports, with 10 CPCs (18%) requesting the support of the Secretariat to upload and submit a final version to the IOMS. Four CPCs (7%) still have incomplete portions of the 2022 Annual Report, and 6 CPCs (11%) have not yet used the IOMS to submit the two sections of the 2022 Annual Report. Overall, the IOMS utilization indicators in 2022 showed a great improvement when compared with 2021. In particular, the number of CPCs who have not requested support from the Secretariat increased from 4% (2 CPCs) in 2021 to 65% (37 CPCs) in 2022. The number of CPCs who have not used the IOMS was reduced by half from 2021 (13 CPCs for compliance data, 12 CPCs for statistical data) to 2022 (6 CPCs), with the majority of these requests linked to the lack of registered IOMS users.

Details of these statistics are also available to the IOMS registered users (both CPC roles: administrators and officers) in the IOMS online portal (https://ioms.iccat.int).

Part II, Section 5 of the 2022 Annual Report invited CPCs to inform the Commission of primary difficulties encountered in the implementation of and compliance with ICCAT conservation and management measures. No CPCs reported difficulties in using IOMS in this section (see COC_311/2022 for further details).

2023 and beyond

The WG-ORT requests to meet virtually during the 2023 intersessional period to continue its work on Phases 3 and 4.

The WG-ORT supports the previously-agreed additional IOMS training session(s) to take place in 2023.

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In order to continue the WG-ORT's progress in reducing the burden associated with ICCAT reporting requirements for both the Secretariat and the CPCs and to increase access to valuable information; mindful that IOMS was released into production in August 2021, and that many CPCs successfully submitted sections of their 2021 and 2022 Annual Reports using IOMS; and highlighting that trainings have been provided and that the Secretariat has offered many additional opportunities to facilitate use of IOMS; jointly with the Chair of the Compliance Committee, the WG-TOR Chair proposes *Draft Recommendation by ICCAT on the Application of the Integrated Online Management System* (COC_319/2022) to require that CPCs submit Part I, Annex 1 and Part II, Section 3 of the Annual Reports directly into IOMS starting in 2023. The draft Recommendation also proposes to require each CPC to ensure that it has registered at least one Admin user to IOMS. Finally, the draft Recommendation proposes to require that IOMS be used to submit additional reporting information in the future as new modules enter into production.

Table 1. Number of annual reports (and relative ratios) in the IOMS for 2021 and 2022, by section, completion status, and completion mode (with/without Secretariat support). Values in "red" indicate the number of pending sections that have to be completed by various CPCs in the near future.

Indicator	Section	Completion status	Party type	Year of annual report / Secretariat support [Yes/No])							
				2021				2022			
				NO	YES	n/a	Total	NO	YES	n/a	Total
number of annual reports	Compliance (P2S3: Part 2/Section 3)	complete	CP	2	33		35	32	10		42
			NCC		4		4	5			5
		incomplete	CP	2	3		5	1	3		4
		pending	CP			12	12			6	6
			NCC			1	1				
		Total		4	40	13	**57**	38	13	6	**57**
	Statistical (P1A1: Part 1/annex 1)	complete	CP	2	35		37	32	10		42
			NCC		4		4	5			5
		incomplete	CP	1	3		4	1	3		4
		pending	CP			11	11			6	6
			NCC			1	1				
		Total		3	42	12	**57**	38	13	6	**57**
ratio (%)	Compliance (P2S3: Part 2/Section 3)	complete	CP	3.5%	57.9%		61%	56.1%	17.5%		74%
			NCC	0.0%	7.0%		7%	8.8%	0.0%		9%
		incomplete	CP	3.5%	5.3%		9%	1.8%	5.3%		7%
		pending	CP			21.1%	21%			10.5%	11%
			NCC			1.8%	2%			0.0%	0%
		Total		7%	70%	23%	**100%**	67%	23%	11%	**100%**
	Statistical (P1A1: Part 1/annex 1)	complete	CP	3.5%	61.4%		65%	56.1%	17.5%		74%
			NCC	0.0%	7.0%		7%	8.8%	0.0%		9%
		incomplete	CP	1.8%	5.3%		7%	1.8%	5.3%		7%
		pending	CP			19.3%	19%			10.5%	11%
			NCC			1.8%	2%			0.0%	0%
		Total		5%	74%	21%	**100%**	67%	23%	11%	**100%**

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Information on the IOMS Phase 3 development planned
for the two-year period 2023-2024

Project	*Proposed outcome*	*Indicative Timing*
Module 1 – Port Manager	To manage information on ports pursuant to ICCAT Compliance reporting requirements M:BFT21 and M:SWO10	6 months
Module 2 - 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 live BFT catches transferred to farms. Information will be provided in standard formats).	3 months
Module 3 - 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 overharvest/underharvest. This information will be provided in standard formats.	3 months
[…]	[…]	[…]
[…]	[…]	[…]

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

Phase	Priority	Module/Task	Description	Data requirements	Dev. Status	Date Start (*)	Date End (*)	Budget	Remarks
1	1	Module	IOMS core/database	n/a	COMPLETE	2019-06-01	2021-08-01	COM-18	
1	2	Module	IOMS annual report (Part II/Section 3, Part I/Annex 1)	S:GEN01, M:GEN01	COMPLETE	2019-06-01	2021-08-01	COM-18	
1	3	Task	IOMS in production		COMPLETE	2019-06-01	2021-08-01	COM-18	
1	1	Task	Training workshop sessions (Phase 1)		n/a	2022-04-28	2022-09-01	COM-18	4 hours per session
1	1	Task	Improvements and error fixing		COMPLETE	2019-06-01		COM-18	An ongoing task
2	1	Module	Dynamic Help system (module)	n/a	Ongoing	2021-03-31	2022-03-31	CPC	Translation needed (outsourcing)
2	1	Task	Adjustments to the new roles definition	n/a	Ongoing	2022-02-15	2022-03-15	COM-19	Adopted by WG-ORT 2022
2	1	Module	ICCAT Vessel Manager	Up to 21 data requirements (Vessel registration, 11 authorisation lists, carriers, chartering arrangements, transhipment authorizations, previous year activity, etc.)	Design / Implementation	2021-03-01	2023-05-01	COM-19	Restart Oct/2021 (6-month dev.) Will require additional time, depending on the functionalities prioritized (to be decided by the WG-ORT in 2022).
2	1	Task	UN/FLUX integration into Vessel Manager	[same as for Vessel Manager module]	Design / Implementation	2022-04-01	2023-01-01	CPC	Imperative EU participation
2	1	Task	Improvements and error fixing	n/a	Planned	2023-04-01		COM-19	An ongoing task
2	1	Task	Vessels Workshop sessions	n/a	n/a		TBD	COM-19	Planned (for Vessel record in production)
3	1	Module	Port Manager	M:BFT21, M:SWO10	Analysis	2023-03-01	2023-09-01	COM-21	
3	1	Task	Port Workshop sessions		n/a		TBD	COM-21	
3	2	Module	T1NC (nominal catches) manager	S:GEN03	Planned	2023-09-01	2023-12-01	COM-21	Start (pending study on time required)
3	3	Module	Compliance tables manager	M:GEN03	Planned	2024-01-01	2024-04-01	COM-21	Start (pending study on time required)
3	1	Task	Improvements and error fixing	n/a	Planned	2023-03-01		COM-21	An ongoing task
4	1	Module	Shark and billfishes check sheets		Planning			COM-23	
4	2	Module	SDP programs (SWO, BET)	M:TRO06, M:SWO01	Planning			COM-23	
4	3	Module	Bluefin tuna (BFT) weekly and monthly reports Manager	M:BFT22, M:BFT23, M:TRO14 weekly BET	Planning			COM-23	
4	4	Module	Task 2 - Catch and effort	S:GEN04	Planning			COM-23	
4	1	Task	Improvements and error fixing	n/a	Planning			COM-23	

* Preliminary dates (tentative) for ongoing (Date End) and future (Date Start/Data End) activities.