

**WORKING GROUP FOR THE DEVELOPMENT OF AN
ONLINE REPORTING SYSTEM - 2019 STATUS REPORT**

During the 21st Special meeting of ICCAT in 2018, the Commission agreed to provide funding for phase I of the Integrated Online Reporting System (IOMS). The ICCAT IOMS phase 1 development was planned for 12 months beginning in early 2019. Due to a delay in procuring the technical experts to begin developing the system, actual development work did not start until June 2019. After 5 months of work (as of 23 October 2019), a great portion of the implementation has been completed. The IOMS database, the IOMS core web application (module 1, with the corresponding backend and frontend code components), the IOMS annual report Part II/Section 3 (module 2, with the respective backend and frontend code) is functioning and integrated for the IOMS system to be deployed in the ICCAT cloud infrastructure (<https://ioms.iccat.int>) as a “working prototype”.

The IOMS core web application module 1 has a working dashboard”. Other components such as, the Security manager (authentication, authorisations, user profiles/roles), the Requirements manager, the Message handler, the Notification manager, the Auditing tool, the master database tables administration, etc., have been developed. The IOMS Annual report module 2, has implemented its key components including, the data storage model the version control manager, and the import/export tools to handle standard Part II/Section 3 templates completed offline. Overall, the IOMS system is under continued development, integration, optimization, and testing.

The remaining 6 months of work on IOMS phase 1 development, still needs to undergo numerous development stages. The Secretariat has started the IOMS release with “IOMS 0.6” and plans to deploy the following versions: pre-alfa, alfa, beta, and a release-candidate. As of right now there is a tentative release date of May 2020 with what would be version “IOMS 1.0”. **Table 1** shows the preliminary IOMS deployment roadmap (pending final review by the Technical Working Group on Online Reporting: WG-TOR).

Unfortunately, the Technical Working Group on Online Reporting was not able to meet in 2019, yet aims to meet in early 2020. Costs associated with such meetings are anticipated to be relatively small as they can be convened at ICCAT headquarters. The Commission is asked to consider WG needs when deciding on the 2020 intersessional meeting schedule.

Electronically the working group was able to address the IOMS budget and incorporate it into the Commission’s regular budget as was agreed to during the 2018 Commission annual meeting. This line item has been included into the draft 2020-21 regular budget of the Commission, which the Secretariat circulated 16 September 2019. The STACFAD will address this item.

The Working Group also revised the group’s terms of reference adopted in 2016, *Recommendation by ICCAT for the Development of an Online Reporting System* [Rec. 16-19] which is posted on the 2019 Annual Meeting web page as document COC-302. The objective is to continue the working group to further advance the work of the IOMS, continue working to reduce the burden associated with ICCAT reporting requirements for both the Secretariat and the CPCs, and increasing access to information.

Table 1. Preliminary release schedule of IOMS phase 1 (3rd hierarchy 2omitted).

<i>IOMS version</i>	<i>Date</i>	<i>Meeting ref.</i>	<i>Remarks</i>
0.7 (pre-alfa)	2019-11-13	Commission 2019 annual meeting	Informal demonstration of current system using 2019 “real data” working examples (CPCs 2019 Part II/Section 3 annexes).
0.8 (alfa)	Feb/2020 (*)	WG-TOR 2020 intersessional meeting	Preliminary working version aimed to be tested & improved by WG-TOR participants (expected to have all the CPCs 2019 Part II/Section 3 annexes included).
0.9 (beta)	2020-04-15	(intersessional work)	Working version having all the improvements decided by the WG-TOR meeting (IOMS 0.8 (alfa)).
1.0rc (release-candidate)	2020-05-15	(intersessional work)	Release candidate version with the functionality of the stable version (IOMS 1.0). All the complementary information (user profiles, 2020 active requirements, etc.) must be finalised.
1.0 (stable)	2020-05-31	(intersessional tests)	Stable version (“production ready” version to work with 2020 submissions of Part II/Section 3 data). The IOMS system will start with a “cleaned” database, but preloaded with initial data on at least, the authorised CPC users, and the 2019 Part II/Section 3 last submission.

* Pending final review by of the Technical Working Group on Online Reporting (WG-TOR).