



Organisation des Nations Unies  
pour l'alimentation  
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iotc ctoi

Indian Ocean Tuna Commission  
Commission des Thons de l'Océan Indien

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# Electronic Monitoring And Reporting Information System (e-MARIS)

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## A comprehensive reporting system for IOTC

WPICMM04

Secretariat/E-MARIS Dev Team

# RATIONALE

Two main recommendations related to the e-MARIS initiative originated from paragraph 241 of the report of the 2nd review (IOTC–2016–PRIOTC02–R):

- **Compliance with data collection and reporting requirements**

Para 102. The Commission, through its Compliance Committee, needs to strengthen its compliance monitoring in relation to the timeliness and accuracy of data submissions. To that end, the PRIOTC02 **RECOMMENDED** that:

*“b) to facilitate thorough reviews of compliance, the Commission should invest in the development and implementation of an integrated electronic reporting program. This should include automatic integration of data from CPCs into the IOTC Secretariat’s databases and automatic cross-referencing obligations and reports for the various obligations, in particular related to the provision of scientific data.”*

- **Follow-up on infringements**

Para 153. The PRIOTC02 **RECOMMENDED** that:

*“b) The IOTC further develop an online reporting tool to facilitate reporting by CPCs and to support the IOTC Secretariat through the automation of identification of non-compliance.”*

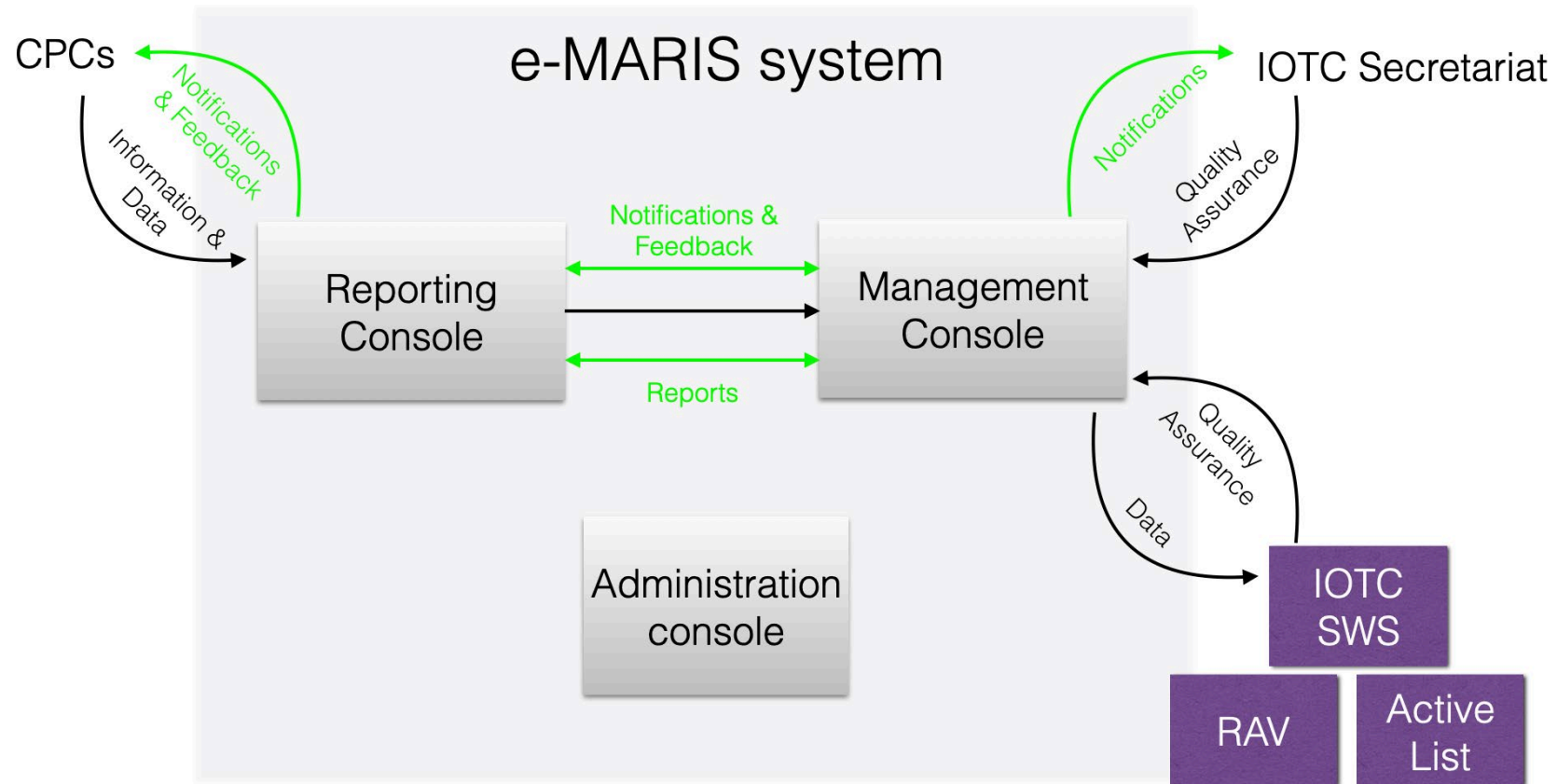
# RATIONALE

- IOTC requires that its CPC report specific information throughout the year, according to IOTC regulations, management & conservation measures and other decisions.
- The aim of the e-MARIS application is to replace the current manual process with a web-based centralized system that would allow CPCs to declare their information and help the IOTC Secretariat in assessing the Compliance Status of each CPC.

# SCOPE

- e-MARIS covers all requirements, both for Compliance and Science
- e-MARIS covers the whole process:
  - Information calls
  - Reporting by CPCs
  - Submission review and Compliance assessment
  - Production of reports & other compliance products

# e-Marlis organisation



## e-Marvis organisation

- **Administration console:** allows to manage users (IOTC & CPCs), configure the application, etc.
- **Management console:** allows IOTC to create & manage requirements, information collection campaigns & report templates, as well as to follow running campaigns and assess compliance
- **Reporting Console:** allows CPCs to consult the calendar of requirements, report information, follow the status of their submissions and compliance...

# Where we are now

- **July 2019:** Project start (Phase 1 of the project is intended to last 2 years.)
- **September 2019:** detailed workplan and technical infrastructure.
- **June 2020:** Minimum Viable Product including most of the front-end features for eMaris: Administration, Management and Reporting Consoles.
- **November 2020:** fully-functional Consoles (including back-end) and prototype of the messaging/notification system.
- **Now (until April 2021):** Intensive testing of all components, reactive improvements towards a Release Candidate version of the application.
- **June 2021:** Phase 1 of the project will wrap up with a Consolidation phase, to transition into Phase 2.
- **The e-Maris application is feature complete and delivered.**

# What's next?

- **July 2021:** Start of Phase 2 of the project (end in June 2023).
- **October 2021: First Pilot phase** with IOTC Compliance staff and selected CPCs, to start using the application.
- **February 2022: Second Pilot phase** with an expanded scope, to onboard as many CPCs as possible.
- **June 2022: Production**, after the Compliance Committee meeting, for all CPCs.



Demo time:  
e-Maritime from the CPC perspective