

Progress on the development of the e-MARIS application

PREPARED BY: IOTC SECRETARIAT¹, 26 JANUARY 2021

PURPOSE

To provide participants at the Working Party on the Implementation of Conservation and Management Measures (WPICMM) an update of the development of an Electronic Monitoring and Reporting Information System (e-MARIS) application to support the compliance process of the IOTC.

BACKGROUND

In 2013 the Indian Ocean Tuna Commission (IOTC) Performance Review made two major recommendations related to compliance with data collection, reporting and following up on infringements ([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 this end, the performance review recommended: *“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 performance review 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.”*

These recommendations were the basis for the development of the e-MARIS initiative. This document reports on the progress of work on the development of the e-MARIS application.

DISCUSSION

The e-MARIS initiative started with the [Consultation/Validation workshop on the development of e-MARIS](#) held in South Africa, from 25 to 27 October 2017, with the financial assistance of the FAO Common Oceans/ABNJ Tuna Project.

The e-MARIS project was designed in 3 phases:

Phase 1 – ToR technical specifications

Development of a draft Terms of Reference to be used for the design & implementation of an integrated monitoring and reporting information system for IOTC CPCs, web based system accessible through the IOTC web site, to support the reporting of data & information required by the IOTC Resolutions and the Agreement. Noting the design of e-MARIS should follow a thorough assessment of the current state of the art in close consultations with CPCs.

¹ IOTC-Secretariat@fao.org

Phase 2 – Development of the system

The development of the system includes the development of user manuals, both for internal users (installation, administration, maintenance) and the training of the IOTC CPCs. This would include the organisation of regional training courses and national training courses.

Phase 3 – System performance assessment

Technical assistance to the IT Section of the IOTC Secretariat, including training and assessment of the performance of the system and debugging.

The workshop participants made a series of recommendations related to the development of the application, and at its 15th Session the Compliance Committee ([IOTC–2018–CoC15–R](#)) made the following recommendation which was endorsed by the Commission (S22):

105. The CoC **ACKNOWLEDGED** the funds secured by the IOTC Secretariat for e-MARIS and **RECOMMENDED** the Commission endorsed the IOTC Secretariat pursuit of the development of the e-MARIS application.

Following the endorsement of the Commission (S22), the IOTC Secretariat updated and finalised the Terms of Reference, detailed requirements, functional and technical specifications of the e-MARIS application incorporating the recommendations of the workshop, and the Phase 2 “Development of the system” started on 15 May 2019 with the financial assistance of the World Bank (SWIOFISH 2 project) and the recruitment of four IT consultants, expert in applications development.

The work plan of the 2nd development phase is presented below in chronological order, by Work Package (WP). Displays of the functionalities and features of the application are available at Annexes 1 and 2 for illustration purpose.

WP1: Inception**(IMPLEMENTED)**

SEPTEMBER 2021 (1 Month)

The technical and development infrastructure of e-Maris is revised and improved based on the feedback collected throughout Phase I, with a particular emphasis to the shift required from a development and staging regime to target production regimes. The activity subsumes onboarding of new team members.

A Kick-Off Meeting with IOTC Secretariat scheduled to overview, organize, and validate activities in the WPs that follow, particularly in relation to the organisation of the Workshops in the Pilot WPs.

Deliverable

WP Report: Summary and Assessment of Activities, Events and Outcomes.

WP2: Pilot 1**(IMPLEMENTED)**

October 2021 – December 2021 (3 Months)

A pilot test of the e-Maris system provides the first round of feedback from its target users. The pilot focuses on the use of the system during a yearly cycle of data collection and compliance assessment.

The pilot targets two user groups.

- First and foremost the IOTC Compliance section, with the design of the data collection campaign but also its day-to-day operations. The emphasis is on small-to-medium-scale testing of both system functionality and usability, while the use cases, the workflows, and the data are real-world.
- Second, a few users from select volunteer CPCs (3-4) interact with the system as configured and run by the IOTC users, submit their information, receive feedback etc.

The pilot takes places during a Workshop which blends training, task simulation, and retrospective activities. The mode of delivery, the duration, and the overall structure of the Workshop follow a plan defined and agreed upon during the Kick-Off Meeting of WP1 (it could be split in two sessions, a first one for IOTC Secretariat and a second one for participating CPCs).

Preparation activities include workflow design, data staging, training materials, and the provision of a dedicated runtime environment in the e-Maris staging Cloud.

This Pilot 1 allows to collect valuable feedback on the application from both sides (IOTC Secretariat and CPCs). Based on this, the Release Candidate of the system that was delivered at the end of Phase 1 undergoes a development iteration to ensure coverage and correctness of all the functionality exercised by the targeted workflows. This yields an Incremental Release of the system.

Deliverable	Pilot 1 Test & Workshop (e-Marais is open to IOTC and select CPCs)
Deliverable	Incremental e-Marais System Release
Deliverable	Documentation Incremental Update
Deliverable	WP Report: Summary and Assessment of Activities, Events and Outcomes.

WP4: e-MARIS Upgrade

(IMPLEMENTED)

December 2021 – January 2022 (2 Months)

Based on the feedback collected from the Pilot 1, the e-Marais system is further refined through a continuous cycle of development iterations that include backend integration, frontend development, and Quality Assurance activities.

The outcome of this is an Incremental Release of the system. User-level documentation is also updated to match the latest release.

Deliverable	Incremental e-Marais System Release
Deliverable	User Documentation Incremental Update
Deliverable	WP Report: Summary and Assessment of Activities, Events and Outcomes

Onboarding of Software Expert 1

(IMPLEMENTED)

JANUARY-FEBRUARY 2022 (2 Months)

The newly recruited Software Expert 1 is onboarded to work on the Record of Authorized Vessels (RAV) and e-Marais systems.

The process covers toolchain installation, development workflows, deployment and operation procedures.

It also includes domain knowledge, system requirements and objectives, current features and future roadmap. The emphasis here is on the RAV, though an overall understanding of e-Marais ensures support in rollout phases to follow.

Deliverable	WP Report: Summary and Assessment of Activities, Events and Outcomes
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WP3: RAV Construction I

February 2022– May 2022 (4 Months)

The RAV Minimum Viable Product (MVP) delivered at the end of Phase 1 is fleshed out and expanded in a continuous cycle of development iterations. Iterations include backend integration and frontend development, and lightweight Quality Assurance activities. Deployments and QA tests target a dedicated staging environment in the Cloud, and rely on principles and mechanisms already adopted for the e-Marais system.

The main outcome of this package is a Beta Release of the system, where the functionality of the MVP is expanded and supported with backend components. Testing remains small-scale and lightweight, focusing on the design individual functionalities rather than complete user-level workflows.

Deliverable	RAV Beta Release
Deliverable	WP Report: Summary and Assessment of Activities, Events and Outcomes.

WP5: Pilot 2**March 2022 – May 2022 (3 Months)**

A second pilot test of the e-Maris system provides an additional round of feedback from its target users. The pilot continues to revolve on the use of the system during a yearly cycle of data collection and compliance assessment, but the goal now is to onboard as many volunteer CPCs as possible.

For this, all CPCs are invited to join the Pilot, alongside a representative subset of IOTC users. Again, the focus pragmatically remains on small-to-medium-scale, with use cases, workflows, and data from the real-world.

Like the previous pilot in WP2, this pilot takes places during a Workshop which blends training, task simulation, and retrospective activities. Mode of delivery, duration, and overall structure are modified only to the extent suggested by feedback on the previous pilot.

Again, preparation activities include workflow design, data staging, training materials, and the provision of a dedicated runtime environment in the e-Maris staging Cloud.

This Pilot 2 allows to further collect valuable feedback on the application from both sides (IOTC Secretariat and CPCs), as well as on a larger scale. Based on this, the e-Maris system undergoes a development iteration to ensure coverage and correctness of all the functionality exercised by the targeted workflows. This yields another Incremental Release of the system. User-level documentation is also updated to match the latest release.

Deliverable	Pilot 2 Test & Workshop (e-MARIS is open to all interested CPCs)
Deliverable	Incremental e-Maris System Release
Deliverable	User Documentation Incremental Update
Deliverable	WP Report: Summary and Assessment of Activities, Events and Outcomes

WP7: e-Maris Rollout**June 2022 – August 2022 (3 Months)**

Based on feedback collected during Pilot 2, e-Maris is further refined through a continuous cycle of development iterations that include Backend Integration, Frontend Development, and Quality Assurance activities.

A first outcome of this package is an Incremental Release of e-Maris. This release is deployed onto a new runtime environment in the Cloud entirely dedicated to Production. As a second outcome of this package, user-level documentation is updated to remain in sync with the latest release.

e-Maris is staged in the Production environment. This includes various forms of application-level configuration, a seeding of the full range of CPCs, an initial staging of their initial users, and mostly the design of the upcoming data collection campaign based on the 2022-2023 reporting requirements, with all its report layout definitions and temporal aspects.

At the end of this WP, the application is fully functional and open for the real-life 2022-2023 Compliance Assessment cycle.

Deliverable	e-Maris Incremental Release
Deliverable	User Documentation Incremental Update
Deliverable	Midway meeting
Deliverable	WP Report: Summary and Assessment of Activities, Events and Outcomes

WP6: RAV Construction II

September 2022 – November 2022 (3 Months)

The RAV Beta Release delivered at the end of WP3 is fleshed out and expanded in a continuous cycle of development iterations that include Backend Integration, Frontend Development, and QA activities. The main outcome of this phase is a Candidate Release of the system, ready as a basis for a rollout process.

Deliverable	RAV Candidate Release.
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Deliverable	WP Report: Summary and Assessment of Activities, Events and Outcomes.
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WP8: e-Maris Support & Operations

September 2022 – August 2023 (12 Months)

The e-Maris system enters a regime of observation and on-demand support, with an expectation of intensive activity for the first three months, as well as at peak reporting times in the data collection campaign.

Besides incident resolution and ticket processing, the system undergoes as many short-lived iterations as required for bug fixing and unanticipated, high-priority enhancements. These activities result in Incremental Releases of the system.

User-level documentation is updated as required so as to remain in sync with the latest release.

This WP is divided in three phases: Active maintenance 1 (September 2022-November 2022) & Active maintenance 2 (December 2022-February 2023) where most of the effort takes place, and Passive maintenance (March 2023-August 2023), where work only happens when an issue is identified.

Deliverable	e-Maris Incremental Releases (as required)
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Deliverable	User Documentation Incremental Updates (as required)
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WP9: RAV Construction III & RAV Rollout

December 2022 – March 2023 (4 Months)

The Candidate Release delivered in WP6 is further refined into a Stable Release, which is deployed onto a new runtime environment in the Cloud entirely dedicated to Production.

The historical record of data accumulated in the legacy generation of the system is transformed and ingested in the new system.

The system is staged in Production, a task that includes various forms of application-level configuration, as well as a seeding of the full range of CPCs, an initial staging of their initial users.

Deliverable	RAV Stable Release
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Deliverable	RAV rollout
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Deliverable	RAV Data Migration
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Deliverable	RAV User Documentation
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Deliverable	WP Report: Summary and Assessment of Activities, Events and Outcomes
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WP10: RAV Support & Operations

April 2023 – August 2023 (6 Months)

The RAV system enters a regime of observation and on-demand support, with an expectation of intensive activity for the first three months after the rollout in WP9.

Besides incident resolution and ticket processing, the system undergoes as many short-lived iterations as required for bug fixing and for unanticipated, high-priority enhancements. These activities result in Incremental Releases of the system.

User-level documentation is updated as required so as to remain in sync with the latest release.

This WP is divided in two phases: Active maintenance (April-May 2023) where most of the effort takes place, and Passive maintenance (July-August 2023), where work only happens when an issue is identified.

Deliverable	RAV Incremental Releases (as required)
Deliverable	User Documentation Incremental Updates (as required)

RECOMMENDATION/S

That the WPICMM05:

- 1) **NOTE** paper IOTC–2022–WPICMM05–10.
- 2) **NOTE** the progress made for the development of the e-MARIS application and the RAV online and the work plan for 2022 and 2023.
- 3) **RECOMMEND** that CPC wishing to participate to the Pilot training 2 of e-MARIS (Work Package 5 from March 2022 – May 2022) contact the IOTC Secretariat, latest by 28 February 2022.
- 4) **RECOMMEND** that the e-MARIS application enter into production for the next compliance assessment of the 2023 Compliance Committee meeting (CoC20).

Annex 1

MANAGEMENT & ADMINISTRATION CONSOLES (IOTC SECRETARIAT)

The screenshot displays two main sections of the IOTC Secretariat's management console. The top section, titled 'All Parties', shows a list of parties with columns for NAME and TAGS. The bottom section, titled 'Australia', shows a detailed view of the party's information, including a toggle for 'Active', name fields, description, website, and party type.

NAME	TAGS
A. Australia	Commonwealth (C) Flag state Observer state Observer
A. Bangladesh	Flag state (F) Flag state Observer state Observer
A. Bolivia	Flag state (F) Flag state Observer
A. China	Flag state (F) Flag state Observer state Observer
A. Denmark	Commonwealth (C) Flag state Observer state Observer
A. ECUA	Observer state (O) Flag state Observer state Observer
A. European Union	Commonwealth (C) Flag state Observer state Observer
A. France (Overseas)	Commonwealth (C) Observer state Observer
A. Guinea	Observer (O)
A. India	Commonwealth (C) Flag state Observer state Observer
A. Indonesia	Flag state (F) Flag state Observer state Observer
A. Japan	Observer state (O) Flag state Observer state Observer
A. Korea	Flag state (F) Flag state Observer state Observer
A. Liberia	Flag state (F) Flag state Observer state Observer
A. Mexico	Commonwealth (C) Flag state Observer state Observer
A. New Zealand	Commonwealth (C) Flag state Observer state Observer
A. Norway	Observer (O)
A. Singapore	Commonwealth (C) Flag state Observer state Observer

Australia

General

- Active:** Active
- Name:**
 - EN: Australia
 - FR: Australie
- Description:**
 - EN: The Commonwealth of Australia is a sovereign state consisting of six states and two territories, and is one of the world's largest countries.
 - FR: L'Australie est un État fédéral composé de six États et de deux territoires. Elle est l'un des plus grands pays du monde.
- Website:** [www.australia.gov.au](#)
- Party Type:**
 - Flag state (F)
 - Observer state (O)
 - Commonwealth (C)
- Country:** Australia
- Party Code:** AUS

Australia Manager

Account info | Compliance info | Contact info | Social info

General | Permissions

Active

Organization

First Name | **Last Name**

Phone

Email

Address

Region

Country

Language

Australia Manager

Account info | Compliance info | Contact info | Social info

General | **Permissions**

Home

Account

Requirements Submissions

Report Submissions

User Account

Account Name

Suspend Account

Verify Email and Reset Password

Request Password Change

Home / Australia Manager
Thu, 23 Jun 2022 10:41

Australia Manager

[Home](#) / [Compliance](#) / [Compliance](#) / [Final Data](#)

General
Permissions
View 0

Parties

11 Members

NAME	MANAGE	REMOVE	DELETE
1. Admin	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Requirement Submissions

10000 Members

NAME	MANAGE	EDIT	DELETE
10000 Members	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Report Submissions

10000 Members

NAME	MANAGE	EDIT	DELETE
10000 Members	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Campaigns
Thu, 23 Jun 2022 10:41

All Campaigns

Get Connected

10000 Members
All Campaigns

NAME	STATUS	MANAGE
10000 Members	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10000 Members	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10000 Members	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10000 Members	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10000 Members	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10000 Members	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10000 Members	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

The image shows two screenshots of a web application interface for a '2022 Assessment' project. The top screenshot displays a list of tasks under the 'Requirements' tab, with columns for 'Task', 'Status', 'Assignee', and 'Due Date'. The bottom screenshot shows a detailed view of a task titled 'Final 1500 Whales sharks nets', including a description, a list of sub-tasks, and a calendar view of the task's progress.

2022 Assessment - Requirements

Task	Status	Assignee	Due Date
1. 1500 Whales sharks nets	Not Started	Assignee	2022-08-15
2. 1500 Whales sharks nets	Not Started	Assignee	2022-08-15
3. 1500 Whales sharks nets	Not Started	Assignee	2022-08-15
4. 1500 Whales sharks nets	Not Started	Assignee	2022-08-15
5. 1500 Whales sharks nets	Not Started	Assignee	2022-08-15
6. 1500 Whales sharks nets	Not Started	Assignee	2022-08-15
7. 1500 Whales sharks nets	Not Started	Assignee	2022-08-15
8. 1500 Whales sharks nets	Not Started	Assignee	2022-08-15
9. 1500 Whales sharks nets	Not Started	Assignee	2022-08-15
10. 1500 Whales sharks nets	Not Started	Assignee	2022-08-15
11. 1500 Whales sharks nets	Not Started	Assignee	2022-08-15
12. 1500 Whales sharks nets	Not Started	Assignee	2022-08-15
13. 1500 Whales sharks nets	Not Started	Assignee	2022-08-15
14. 1500 Whales sharks nets	Not Started	Assignee	2022-08-15
15. 1500 Whales sharks nets	Not Started	Assignee	2022-08-15
16. 1500 Whales sharks nets	Not Started	Assignee	2022-08-15
17. 1500 Whales sharks nets	Not Started	Assignee	2022-08-15
18. 1500 Whales sharks nets	Not Started	Assignee	2022-08-15
19. 1500 Whales sharks nets	Not Started	Assignee	2022-08-15
20. 1500 Whales sharks nets	Not Started	Assignee	2022-08-15

Final 1500 Whales sharks nets

Task Details:

- Equipment Deadline:** 2022-08-15 10:00
- Reminder:** 2022-08-15 10:00

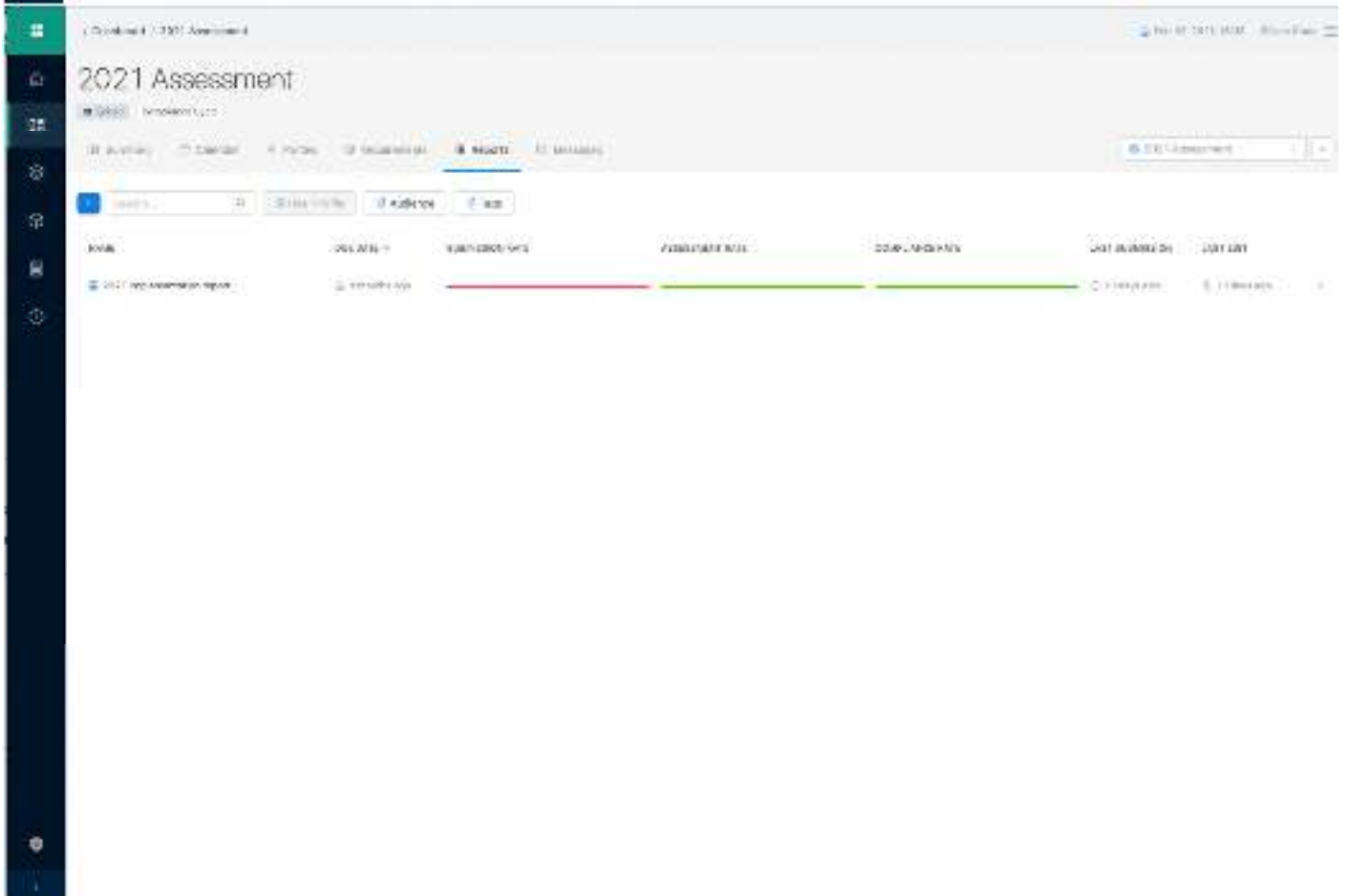
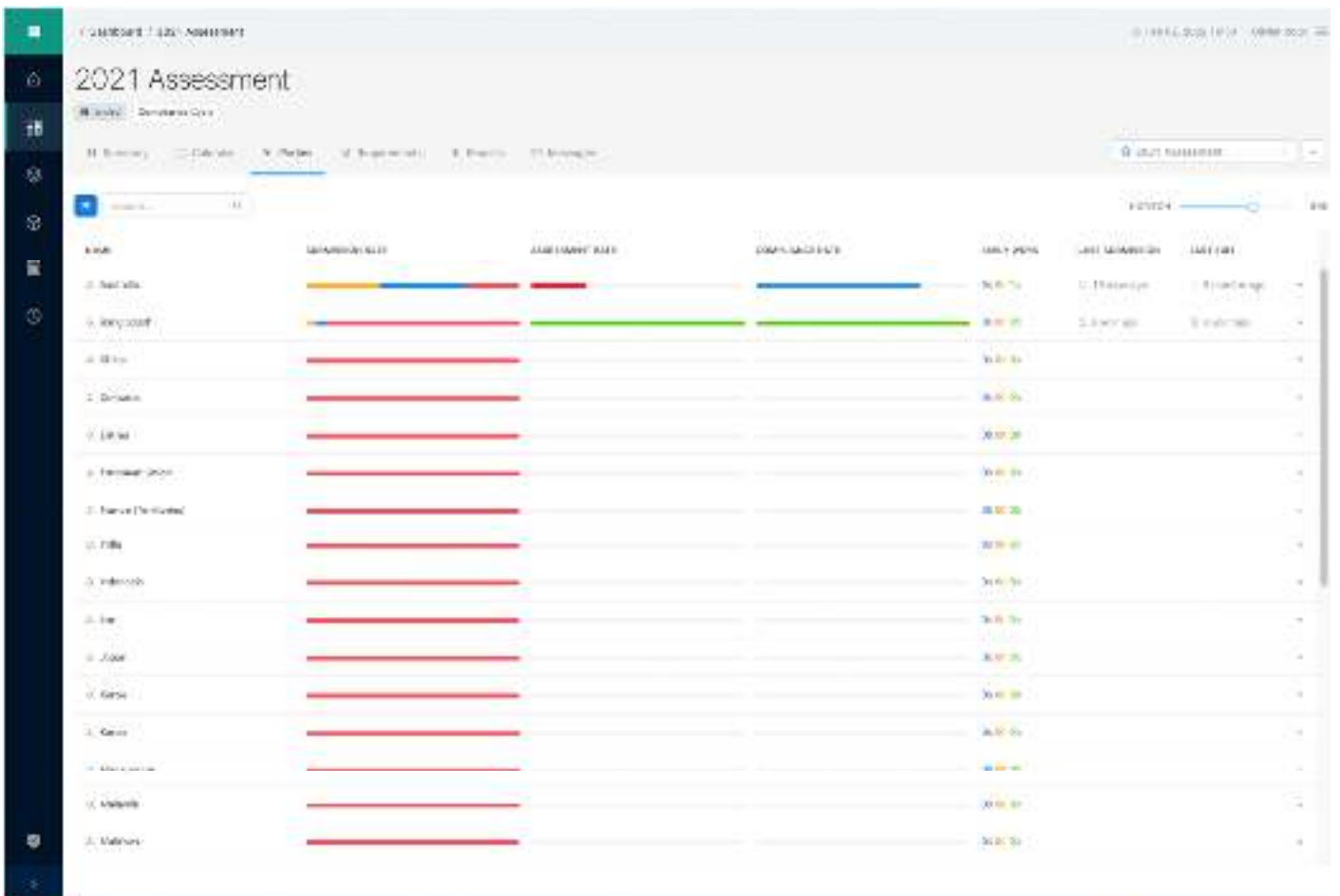
Calendar View:

- 2022-08-15:** Equipment Deadline (10:00 AM)
- 2022-08-16:** Reminder (10:00 AM)

2022 Assessment - Tasks

Task List:

- To Do Confirmed**
 - Equipment Deadline (2022-08-15 10:00)
 - Reminder (2022-08-16 10:00)
- May 2021**
 - Reminder (2021-05-15)
- June 2021**
 - Equipment Deadline (2021-06-15)
 - Reminder (2021-06-16)
 - Reminder (2021-06-17)
 - Equipment Deadline (2021-06-18)
 - Reminder (2021-06-19)
- August 2021**
 - Reminder (2021-08-15)
 - Reminder (2021-08-16)
- September 2021**
 - Equipment Deadline (2021-09-15)



Dashboard / 2021 Assessment / Australia

Country: AU | Region: Oceania | Year: 2021

Country: Australia | 2021 Assessment

ID	Name	Category	Current Status	Priority	Feedback	Comments	Last Update	Response
1	1.1001-1001-1001-1001	1.1.1.1	On Track	High	1/5		1 year ago	1
2	1.1001-1001-1001-1002	1.1.1.2	On Track	High	1/5		1 month ago	1
3	1.1001-1001-1001-1003	1.1.1.3	On Track	High	1/5		1 year ago	0
4	1.1001-1001-1001-1004	1.1.1.4	On Track	High	1/5		1 month ago	1
5	1.1001-1001-1001-1005	1.1.1.5	On Track	High	1/5		1 year ago	2
6	1.1001-1001-1001-1006	1.1.1.6	On Track	High	1/5		1 year ago	2
7	1.1001-1001-1001-1007	1.1.1.7	On Track	High	1/5		1 year ago	1
8	1.1001-1001-1001-1008	1.1.1.8	On Track	High	1/5		1 year ago	1
9	1.1001-1001-1001-1009	1.1.1.9	On Track	High	1/5		1 year ago	1
10	1.1001-1001-1001-1010	1.1.1.10	On Track	High	1/5		1 year ago	1
11	1.1001-1001-1001-1011	1.1.1.11	On Track	High	1/5		1 year ago	1
12	1.1001-1001-1001-1012	1.1.1.12	On Track	High	1/5		1 year ago	1
13	1.1001-1001-1001-1013	1.1.1.13	On Track	High	1/5		1 year ago	1
14	1.1001-1001-1001-1014	1.1.1.14	On Track	High	1/5		1 year ago	1
15	1.1001-1001-1001-1015	1.1.1.15	On Track	High	1/5		1 year ago	1

Dashboard / 2021 Assessment / Australia / Summary

Country: Australia | 2021 Assessment

Dashboard Status

75%

Score: 15/20
 Progress: 14/15
 Status: V
 Last: 1/5

Activity: 15
 Errors: 2
 Alerts: 1

ID	Name	Category	Current Status	Last Update
1	1.1001-1001-1001-1001	1.1.1.1	On Track	1 year ago
2	1.1001-1001-1001-1002	1.1.1.2	On Track	1 month ago
3	1.1001-1001-1001-1003	1.1.1.3	On Track	1 year ago
4	1.1001-1001-1001-1004	1.1.1.4	On Track	1 month ago
5	1.1001-1001-1001-1005	1.1.1.5	On Track	1 month ago

Latest Messages

- 1.1001-1001-1001-1001: 1/15/2021 10:00 AM. Activity for assessment. 1 year ago.
- 1.1001-1001-1001-1002: 1/15/2021 10:00 AM. Activity for assessment. 1 year ago.
- 1.1001-1001-1001-1003: 1/15/2021 10:00 AM. Activity for assessment. 1 year ago.

The screenshot shows a Management Console interface. The main content area displays a document titled "Australia: Resolution 13,05: Data on Interactions with...". The document text includes a heading "Data on interactions with whale sharks" and a sub-heading "Background". The text describes the Australian Government's commitment to the protection of whale sharks and the release of data on interactions with these animals. The Compliance sidebar on the right shows a list of compliance items, including "Not Applicable", "Complete", "Level Complete", and "Partially Complete".

The screenshot shows a table titled "13,06 Results Investigations". The table has the following columns: Name, Status, Date, Compliance, and other metrics. The table contains 15 rows of data, each representing a different investigation.

Name	Status	Date	Compliance	Other Metrics
1. Australia	Open	2022-01-01	Complete	1
2. Argentina	Open	2022-01-01	Complete	1
3. Brazil	Open	2022-01-01	Complete	1
4. Canada	Open	2022-01-01	Complete	1
5. Chile	Open	2022-01-01	Complete	1
6. Colombia	Open	2022-01-01	Complete	1
7. Costa Rica	Open	2022-01-01	Complete	1
8. Ecuador	Open	2022-01-01	Complete	1
9. El Salvador	Open	2022-01-01	Complete	1
10. Guatemala	Open	2022-01-01	Complete	1
11. Honduras	Open	2022-01-01	Complete	1
12. Mexico	Open	2022-01-01	Complete	1
13. Nicaragua	Open	2022-01-01	Complete	1
14. Panama	Open	2022-01-01	Complete	1
15. Paraguay	Open	2022-01-01	Complete	1

Management Console | Dashboard | 2021 Assessment | 19/06 Results Investigations | Australia | LSTLV

Australia: Resolution 19/06: Results of the Investigation on Possible Infractions in 2020 of IOTC Regulations by LSTLVs/ Carrier Vessels

Resolution 19/06 of the Commission's Programme for Transparency for Large-Scale Fishing Vessels

19/06/2021 | 19/06/2021 | 19/06/2021 | 19/06/2021 | 19/06/2021 | 19/06/2021 | 19/06/2021 | 19/06/2021

Home | Submissions History | Messages | 19/06/2021 | 19/06/2021 | 19/06/2021

Results of the Investigation on Possible Infractions in 2020 of IOTC Regulations by LSTLVs/ Carrier Vessels

Paragraph 26

The IOTC Secretariat shall, when processing 2020 catch records of all vessels, summarise and report its compliance with paragraph 13 of Annex IV to the Resolution, also indicating whether there is a possible infraction of IOTC regulations by LSTLVs and/or vessels registered in the IOTC. Upon completion of such activities, the IOTC shall provide the relevant information to the relevant States, without prejudice to the IOTC compliance monitoring findings.

As provided

Comments

The catch records do not indicate any possible infraction of 2020 of IOTC Regulations by LSTLVs/Carrier Vessels being carried.

As usual

No LSTLVs in IOTC RWY No possible infractions detected

Please click on the relevant IOTC RWY column.

19/06 Results Investigations

19/06/2021 | 19/06/2021 | 19/06/2021 | 19/06/2021 | 19/06/2021 | 19/06/2021 | 19/06/2021 | 19/06/2021

Home | Submissions History | Messages | 19/06/2021 | 19/06/2021 | 19/06/2021

19/06 Results Investigations

19/06/2021 | 19/06/2021 | 19/06/2021 | 19/06/2021 | 19/06/2021 | 19/06/2021 | 19/06/2021 | 19/06/2021

19/06 Results

3%

19/06/2021 | 19/06/2021 | 19/06/2021 | 19/06/2021 | 19/06/2021 | 19/06/2021 | 19/06/2021 | 19/06/2021

19/06	19/06/2021	SUBMITTED	COMPLIANCE	CURRENT STATUS
1. Australia	19/06/2021	19/06/2021	19/06/2021	19/06/2021
2. Bangladesh	19/06/2021	19/06/2021	19/06/2021	19/06/2021
3. China	19/06/2021	19/06/2021	19/06/2021	19/06/2021
4. Denmark	19/06/2021	19/06/2021	19/06/2021	19/06/2021
5. France	19/06/2021	19/06/2021	19/06/2021	19/06/2021
6. Greece	19/06/2021	19/06/2021	19/06/2021	19/06/2021
7. Iceland	19/06/2021	19/06/2021	19/06/2021	19/06/2021
8. Japan	19/06/2021	19/06/2021	19/06/2021	19/06/2021
9. Korea	19/06/2021	19/06/2021	19/06/2021	19/06/2021
10. Norway	19/06/2021	19/06/2021	19/06/2021	19/06/2021

19/06/2021

19/06/2021 | 19/06/2021 | 19/06/2021 | 19/06/2021 | 19/06/2021 | 19/06/2021 | 19/06/2021 | 19/06/2021

2022 Implementation report

Food and Agriculture Organization of the United Nations

Indian Ocean Tuna Commission
Commission des Tunas de l'Inde-Pacifique

IOTC Agreement Article X Report of Implementation for the year 2022

This is an explanation of the report

Discussion

1 Introduction

Attachment

2022-06-20 09:04:04 (UTC+05:30) - 1000x1000px

Mobile

All Reports

NAME	APPROVAL	WORKFLOW	NOTES
2022 Implementation report	OK	APPROVED	Completed Cycle - Approved
2022 Implementation report	OK	APPROVED	Completed Cycle - Approved
2022 Implementation report	OK	APPROVED	Completed Cycle - Approved
Report of Implementation for 2021	OK	APPROVED	Completed Cycle - Approved
2021-2022	OK	APPROVED	Completed Cycle - Approved

Requirements

All Requirements

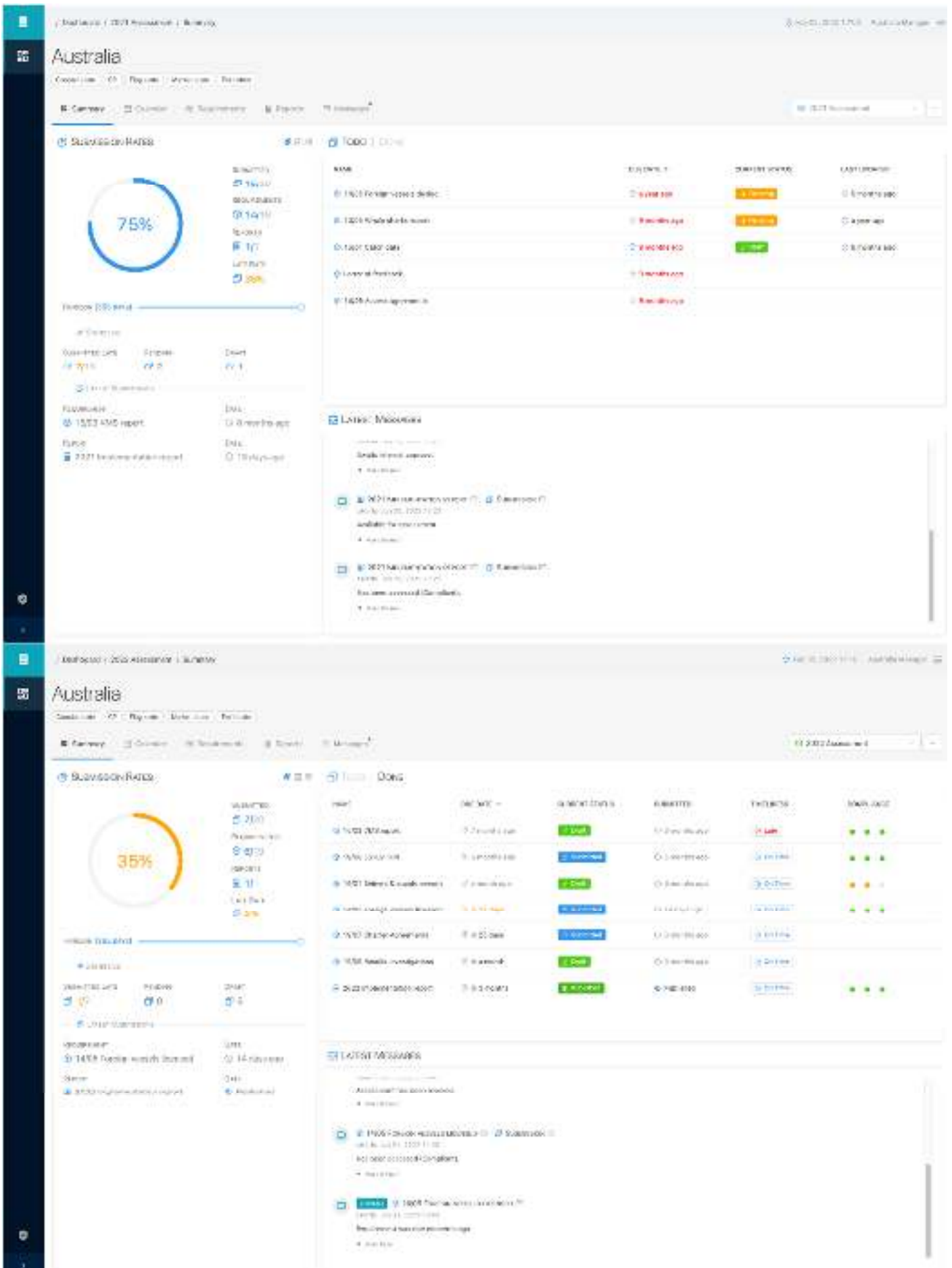
Filter: All Requirements

Filter: All Requirements

Req ID	Req Description	Version	Priority	Status	Category	Sub-category	Parent Req	Child Req
1184	1184-REQ-001	1.0	High	Completed	DM	Deployment Cycle	None	1184-REQ-001-01
1184	1184-REQ-002	1.0	High	Completed	DM	Deployment Cycle	None	1184-REQ-002-01
1184	1184-REQ-003	1.0	High	Completed	DM	Deployment Cycle	None	1184-REQ-003-01
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1184	1184-REQ-005	1.0	High	Completed	DM	Deployment Cycle	None	1184-REQ-005-01
1184	1184-REQ-006	1.0	High	Completed	DM	Deployment Cycle	None	1184-REQ-006-01
1184	1184-REQ-007	1.0	High	Completed	DM	Deployment Cycle	None	1184-REQ-007-01
1184	1184-REQ-008	1.0	High	Completed	DM	Deployment Cycle	None	1184-REQ-008-01
1184	1184-REQ-009	1.0	High	Completed	DM	Deployment Cycle	None	1184-REQ-009-01
1184	1184-REQ-010	1.0	High	Completed	DM	Deployment Cycle	None	1184-REQ-010-01
1184	1184-REQ-011	1.0	High	Completed	DM	Deployment Cycle	None	1184-REQ-011-01
1184	1184-REQ-012	1.0	High	Completed	DM	Deployment Cycle	None	1184-REQ-012-01
1184	1184-REQ-013	1.0	High	Completed	DM	Deployment Cycle	None	1184-REQ-013-01
1184	1184-REQ-014	1.0	High	Completed	DM	Deployment Cycle	None	1184-REQ-014-01
1184	1184-REQ-015	1.0	High	Completed	DM	Deployment Cycle	None	1184-REQ-015-01
1184	1184-REQ-016	1.0	High	Completed	DM	Deployment Cycle	None	1184-REQ-016-01
1184	1184-REQ-017	1.0	High	Completed	DM	Deployment Cycle	None	1184-REQ-017-01
1184	1184-REQ-018	1.0	High	Completed	DM	Deployment Cycle	None	1184-REQ-018-01
1184	1184-REQ-019	1.0	High	Completed	DM	Deployment Cycle	None	1184-REQ-019-01
1184	1184-REQ-020	1.0	High	Completed	DM	Deployment Cycle	None	1184-REQ-020-01

Annex 2

REPORTING & ADMINISTRATION CONSOLES (CPC)




Reporting Console

2022 Report Implementation Results


3 Task completed ✔ 1 Task ✘ 1 Task ⏸ 1 Task ⏸ 1 Task ⏸

4 PDF 📄 100% Completion 📊 100% Results

11 Pages 📄 Report Progress 📊



Food and Agriculture
Organization of the
United Nations



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

N/A

IOTC Agreement Article X

Report of Implementation for the year 2021


Reporting CPC: Australia

Due date: May 01, 2021 23:59


Reporting date: N/A

Please NOTE: this document is composed of 3 sections to report on the implementation of IOTC Resolutions

IOTC Agreement Article X – report of implementation for the year 2021



Food and Agriculture
Organization of the
United Nations



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

N/A

Part A

Describe the actions taken, under national legislation, in the previous year to implement conservation and management measures advised by the

2022 IOTC Agreement Article X Messages

Messages

Completed ✔ 100% ✘ 0% ⏸ 0% ⏸ 0%

100% Completion 📊 100% Results

- ✔ 2022 IOTC Agreement Article X Report

📄 Submitted 01

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Home > Australia

10/11/2022 11:18 Australia Manager

Australia

10/11/2022 11:18 Australia Manager

10/11/2022 11:18 Australia Manager

10/11/2022 11:18 Australia Manager

NAME	STATUS
1. Australia Data	Not Configured
2. Australia Compliance	Not Configured
3. Australia Incident	Not Configured
4. Australia Incident	Not Configured
5. Australia Incident	Not Configured
6. Australia Incident	Not Configured
7. Australia Incident	Not Configured
8. Australia Incident	Not Configured
9. Australia Incident	Not Configured
10. Australia Incident	Not Configured

Home > Australia Compliance

10/11/2022 11:18 Australia Manager

Australia Compliance

10/11/2022 11:18 Australia Manager

10/11/2022 11:18 Australia Manager

Participate

NAME

NAME	MP506	MP507	MP508
1. Australia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Requirement Submissions

10/11/2022 11:18 Australia Manager

10/11/2022 11:18 Australia Manager

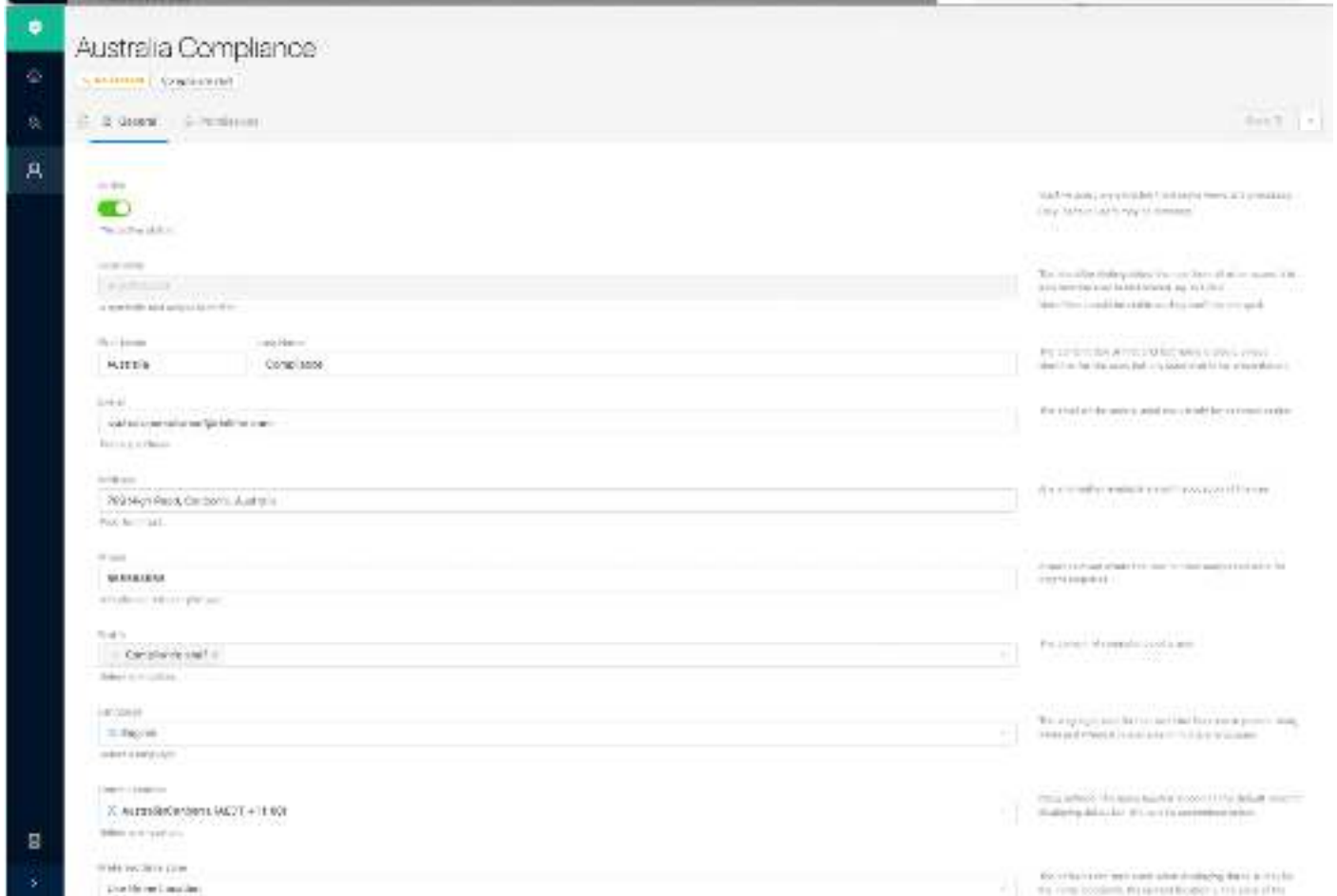
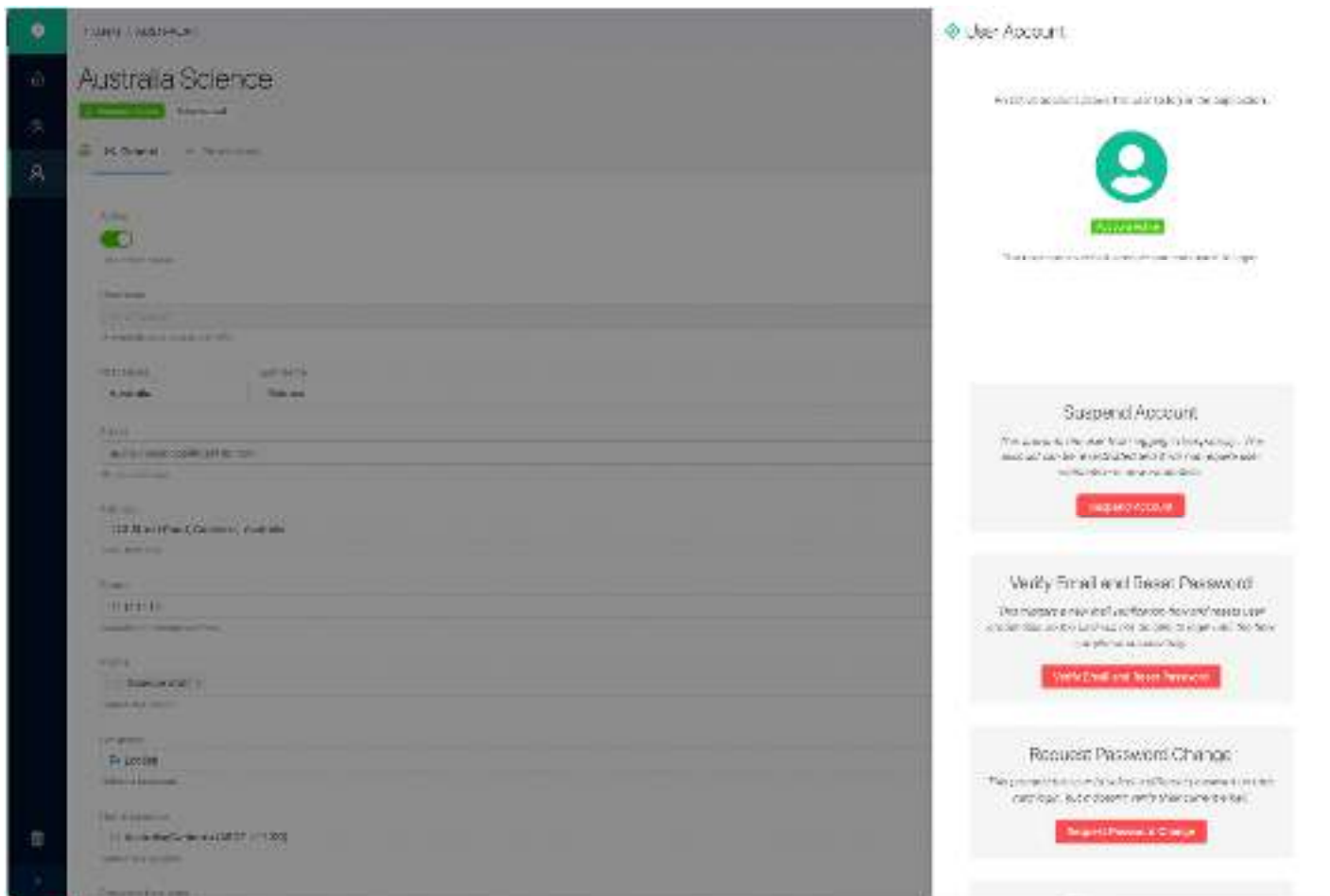
NAME	MP506	MP507	MP508
1. Australia	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Report Submissions

10/11/2022 11:18 Australia Manager

10/11/2022 11:18 Australia Manager

NAME	MP506	MP507	MP508
1. Australia	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



The screenshot displays the Microsoft 365 Admin Center interface for the 'Australia' tenant. The top navigation bar includes 'Home', 'Users', 'Groups', 'Roles', and 'Settings'. The main content area is organized into several sections, each with a title, a description, and a list of settings:

- Active Directory:** A toggle switch is turned on. Description: "This section contains settings for your Active Directory (AD) environment."
- Users:** Includes fields for "User search" and "User search scope". Description: "This section contains settings for user search and user search scope."
- Groups:** Includes fields for "Group search" and "Group search scope". Description: "This section contains settings for group search and group search scope."
- Roles:** Includes a dropdown menu for "Role" and a "Select role" button. Description: "This section contains settings for role management."
- Security:** Includes a dropdown menu for "Security" and a "Select security" button. Description: "This section contains settings for security management."
- Compliance:** Includes a dropdown menu for "Compliance" and a "Select compliance" button. Description: "This section contains settings for compliance management."
- Advanced features:** Includes a dropdown menu for "Advanced features" and a "Select advanced features" button. Description: "This section contains settings for advanced features management."
- App registrations:** Includes a dropdown menu for "App registrations" and a "Select app registrations" button. Description: "This section contains settings for app registrations management."
- Conditional access:** Includes a dropdown menu for "Conditional access" and a "Select conditional access" button. Description: "This section contains settings for conditional access management."
- Device management:** Includes a dropdown menu for "Device management" and a "Select device management" button. Description: "This section contains settings for device management."
- Exchange:** Includes a dropdown menu for "Exchange" and a "Select Exchange" button. Description: "This section contains settings for Exchange management."
- SharePoint:** Includes a dropdown menu for "SharePoint" and a "Select SharePoint" button. Description: "This section contains settings for SharePoint management."
- OneDrive:** Includes a dropdown menu for "OneDrive" and a "Select OneDrive" button. Description: "This section contains settings for OneDrive management."
- PowerShell:** Includes a dropdown menu for "PowerShell" and a "Select PowerShell" button. Description: "This section contains settings for PowerShell management."
- Reporting:** Includes a dropdown menu for "Reporting" and a "Select reporting" button. Description: "This section contains settings for reporting management."
- Support:** Includes a dropdown menu for "Support" and a "Select support" button. Description: "This section contains settings for support management."