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Commission des Thons de l'Ocean Indien
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OBSERVER PROGRAM DEVELOPMENT and OBSERVER LOGISTICAL COORDINATION WORKSHOP

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IOTC ROS Standards and Guidelines

IOTC ROS OLC TR1.04

Category: Mandate for Observer Deployment

[IOTC ROS OLC TR1]

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Background on the ROS

2009 ← Res. 09/04

2010 ← Res. 10/04

2011 ← Res. 11/04

2012

2013

2014

2015

2016

2017

2018

Resolution 11/04 "On a Regional Observer Scheme" makes provision for the development and implementation of national observer schemes among IOTC CPCs;

The objective of the IOTC Observer Scheme *"shall be to collect verified catch data and other scientific data related to the fisheries for tuna and tuna-like species in the IOTC area of competence"* [Res. 11/04 – para. 1]

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Background on the ROS

Res. 09/04

Res. 10/04

Res. 11/04

The IOTC Observer Scheme is to be implemented at national level: *"each CPC is to implement a national observer program in order to improve the collection of scientific data, on at least 5% of the number of operations/sets for each gear type by their fleet while fishing in the IOTC area of competence, on vessels of 24 meters overall length and over (within both the their Exclusive Economic Zone (EEZ) and on the high seas), and for vessels under 24 meters if they fish outside their EEZ."* (Res. 11/04 – para. 2);

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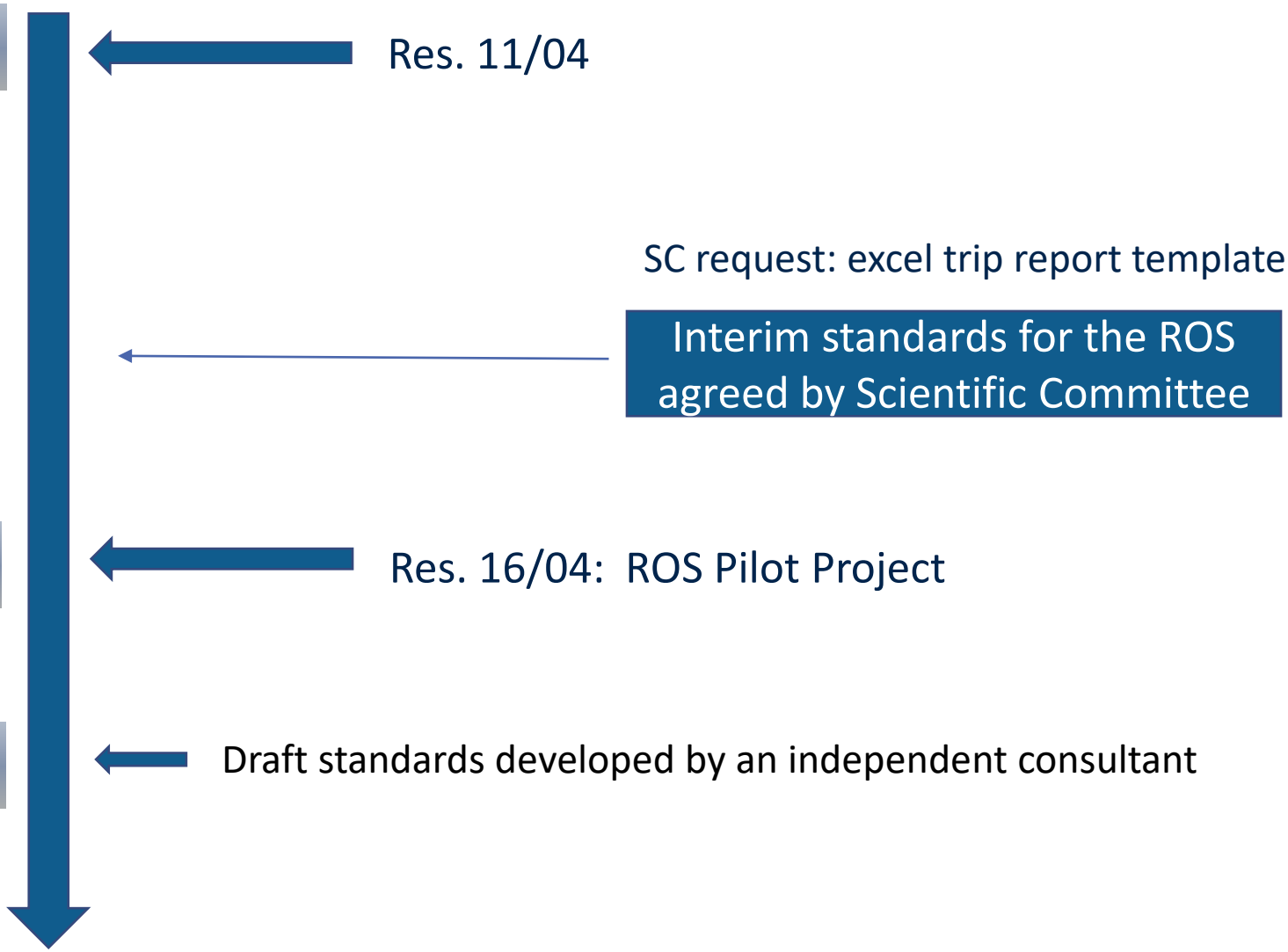
Background on the ROS



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2018 March

- IOTC ROS Minimum Standards developed.
- IOTC ROS Minimum Data Collection Requirements reviewed.
- IOTC ROS Minimum data collection Reporting Requirements reviewed

Sept. — Review by IOTC Expert Review workshop

Nov. — Review by IOTC WPDCS

Dec. — Review by IOTC Scientific Committee

2019 Feb.

Review of the standards by IOTC Members (via IOTC Circular 2019-08)

June

IOTC ROS standards, data collection requirements and reporting requirements approved by the Commission

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Clarifications on IOTC ROS Standards

In black - Minimum standards already approved by the Commission

In red - Proposed standards waiting to be approved by the Commission

Item Description	Standard Required
Detailed description of item the standard will be based on.	**Standard against which the Observer Programme can be audited.**
	ROS expectation on [Item]
	Expectations on the implementation of the standard, who is responsible for its implementation and the materials that can be requested during auditing.

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Clarifications on IOTC ROS Guidelines

Guidelines are to be used by CPCs as a guide when developing or improving observer programs / sub-regional observer schemes.

A. **IOTC minimum pre-requisites for the registration of Observes**
B. **Observer trainer minimum standards**
C. **Basic observer training curriculum**
D. **Observer competency standards**
E. **Observer Provider functions**
F. **Coordinator training**
G. **Briefing and debriefing procedures**
H. **Health and Safety Equipment and Work Materials list**
I. **Emergency Action Plan (EAP)**
J. **Vessel pre-sea safety checklist and minimum safety requirements**
K. **Observer Deployment Report**
L. **Observer Status (or five days) Report**
M. **Code of Conduct**

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IOTC ROS Data Collection Fields

The format in which data fields will be collected by observers is for CPCs observer programmes to decide. Yet, IOTC ROS forms are available for use.

Data Field Requirement Type

Mandatory Reporting	**Suggested Collection**
Data fields (DF) marked 'MR' are always to be reported to the IOTC	These DFs(---) should be collected, based on best practice, but do not need to be reported.

For data fields that are to be reported to IOTC:

- All dates to be reported as YYYY/MM/DD
- All times should be reported in UTC (hh:mm)
- All positions to be reported as dd° mm' ss'' indicating if (N) north or (S) south of the equator
- All units of measurement to be clearly indicated

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IOTC ROS Standards and Guidelines in the development of CPC NOP

1. Become familiarized with IOTC ROS Standards and Guidelines detailed in: **IOTC ROS Standards and Guidelines.pdf**

2. Take these into consideration when drafting *CPCs' Observer program development & observer logistical co-ordination guide;*

3. Revert to these for guidance when developing managing *CPCs' National Observer program*.

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IOTC ROS Standards and Guidelines in the development of CPC NOP

TR CODE	TRAINING REQUIREMENT	STANDARD / GUIDELINE
TR1	• Mandate for Observer deployment	• IOTC CMMs
TR2	• Determining observer program coverage and number of observers required	• Observer Coverage
TR 3	• Identify observer program management structure	• Observer Co-ordinator(s)
TR 4	• Observer recruitment and administration	• Observer registration • Code of conduct • Equipment and materials • Insurance and Liability • Manuals and data collection forms
TR 5	• Sensitizing & planning deployments with the fishing industry & vessel operators	• Observer deployment and at-sea coordination

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IOTC ROS Standards and Guidelines in the development of CPC NOP

TR CODE	TRAINING REQUIREMENT	STANDARD / GUIDELINE
TR 6	• Preparation of the Observer, briefing and reporting	• Observer communications • Safety-at-sea
TR 7	• Observer disembarkation and Return	• Data fields • Data management, processing and reporting and quality control
TR 8	• Observer Logistic Coordination Manual	• All
TR 9	• Training observer debriefers	• Observer briefing and debriefing.
TR 10	• Training and assessing Observers	• Observer trainer • Observer training policy

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THANK YOU FOR YOUR PARTICIPATION

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