

8th Meeting of the Compliance Committee (CC8) and 11th Meeting of the Parties (MoP11)

Seoul, Republic of Korea, 26–28 June 2024 and 01-05 July 2024

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Roadmap towards the Operationalization of the SIOFA VMS

VMS WG Chair

Meeting	Compliance Committee ✓ Meeting of the Parties ✓
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Abstract	
<p>This paper presents an updated roadmap towards the further development and operationalization of the SIOFA VMS, building on progress made in the intersessional period since MoP10.</p> <p>The Rev1 of the document considers comments of the CC08, notably for the inclusion of a testing phase of the SIOFA VMS.</p>	
Recommendations	
<ol style="list-style-type: none"> 1. That the CC08 review the roadmap, provide guidance as necessary, and recommend it for adoption to MoP11. 2. That MoP11 review and adopt the roadmap. 	

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² Documents available only to members invited to closed sessions.

Roadmap towards the Operationalization of the SIOFA VMS

Introduction

At the 10th Meeting of the Parties (MoP10), following the adoption of the CMM 16(2023) on Conservation and Management Measure for the establishment of a SIOFA Vessel Monitoring System (Vessel Monitoring System) (SIOFA VMS), the MoP also *endorsed* a recommendation for the establishment of an intersessional working group to support the establishment of the SIOFA VMS, including to develop detailed Standards, Specifications and Procedures (SSPs) (SIOFA VMS-WG).

To guide its work, the VMS WG developed a roadmap for the development and operationalization of the SIOFA VMS, setting out activities, timelines and deliverables for the VMS working group and the Secretariat.

This paper presents an updated roadmap, building on progress made by the VMS-WG during the intersessional period since MoP10.

Project Objectives, Outcomes and Milestones

The key activities and outcomes of the project roadmap are:

- 1. Definition of standards, specifications and procedures (SSPs) for, among others, data formats and transmission, data confidentiality and security requirements.**

Indicator: SSPs adopted by the Meeting of the Parties

- 2. Building up SIOFA's capacity to implement the SIOFA VMS**

Indicators: *Cost-effective hosting option identified*

Key Secretariat staff trained in the use of the SIOFA VMS.

Secretariat Headquarters adapted to host SIOFA VMS.

- 3. Establishment of the SIOFA VMS (acquisition, testing and entry into operation)**

Indicators: *SIOFA VMS operational*

Entry into operation of the SIOFA VMS

Project Milestones:

- SSP adopted;
- Hosting option, infrastructure and resources needs and other operational considerations identified;
- Entry into operation of SIOFA VMS

Key Tasks of the VMS Working Group

To achieve the operationalization of the SIOFA VMS, the VMS-WG identified the following tasks that must be undertaken:

- Definition of the data format and standards for transmission of VMS position.
- Definition of the data confidentiality and security requirements, including any legal, physical and procedural safeguards to be considered, including implications for and proposed changes to CMM 03 (2016) on Data Confidentiality and other CMMs as required.
- Discussion on the term 'unique vessel identifier' in paragraph 1 of CMM 16 (2023).
- Identification of a cost-effective and efficient hosting model for the SIOFA VMS and other operational and infrastructure considerations.
- Oversight of and support to the entry into operation of the SIOFA VMS.

Annex 1 sets out the proposed timeline for the implementation of the main tasks and activities linked to the SIOFA VMS.

Recommendations / Note

The CC08 is requested to review of the updated roadmap, to provide guidance as necessary and recommend it to the MoP11 for adoption.

The MoP11 is invited to review the roadmap and adopt it.

Annex 1 - Timeline for the main tasks and activities

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SIOFA VMS				
Assessments / Analysis				
Name	Priority	Progress	<u>Tentative</u> Timeline - Start	<u>Tentative</u> Timeline - End
Establish Standards, Specifications and Procedures (SSP)	Critical ⚠	Ongoing	2023-11-17	2024-07-05
Data confidentiality and security for SIOFA VMS	Critical ⚠	Ongoing	2023-11-17	2024-07-05
Definition of Term UVI	High	Ongoing	2023-11-17	2024-07-05
Determining cost-effective and efficient hosting model for the SIOFA VMS and other operational and infrastructure considerations	Critical ⚠	Not Started	2024-07-02	2024-12-23
Drafting the ToR for the procurement of the VMS system	High	Not Started	2024-07-01	2025-03-28
			2023-11-17	2025-03-28
Setup and Entry into Operation of SIOFA VMS				
Procurement of SIOFA VMS	Critical ⚠	Not Started	2025-07-08	2026-01-07
Set up of SIOFA VMS	High	Not Started	2026-01-08	2026-03-08
Secretariat Infrastructure	Medium	Not Started	2026-01-01	2026-04-02
Training	Medium	Not Started	2026-02-01	2026-02-28
Operation of SIOFA VMS	Critical ⚠	Not Started	2026-04-03	2026-12-07
Entry into Operation of the SIOFA VMS [Milestone] Testing of SIOFA VMS	High	Not Started	2026-05-18 2026-05-18	
Entry into force of CMM 16 [Milestone] Entry into Operation of the SIOFA VMS	Critical ⚠	Not Started	2026-07-10 2026-07-10	
			2025-07-08	2026-12-07