

**WORLD METEOROLOGICAL ORGANIZATION**

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**INTERGOVERNMENTAL OCEANOGRAPHIC  
COMMISSION (OF UNESCO)**

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**JOINT WMO/IOC TECHNICAL COMMISSION FOR  
OCEANOGRAPHY AND MARINE METEOROLOGY  
(JCOMM)**

**SHIP OBSERVATIONS TEAM (SOT)**

**EIGHTH SESSION**

CAPE TOWN, SOUTH AFRICA, 20-24 APRIL 2015

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ITEM: 1.2

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## **PROVISIONAL AGENDA**

*(Submitted by the Secretariat)*

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### **Summary and purpose of the document**

This document provides for the provisional agenda of the SOT Session. The final agenda will be decided by the Session under agenda item 1.2 on the basis of this provisional agenda.

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**EIGHTH SESSION OF THE JCOMM SHIP OBSERVATIONS TEAM (SOT-8)**  
*(Cape Town, South Africa, 20-24 April 2015)*

**PROVISIONAL AGENDA**

- 1. ORGANIZATION OF THE SESSION**
  - 1.1 Opening of the Session**
  - 1.2 Adoption of the Agenda**
  - 1.3 Working Arrangements**
- 2. SCIENTIFIC AND TECHNICAL WORKSHOP, NEW DEVELOPMENTS**
- 3. REPORTS BY THE SECRETARIAT, OPA COORDINATOR, SOT CHAIRPERSON, and JCOMMOPS**
  - 3.1 Report from the Secretariat (incl. relationship with IMO)**
  - 3.2 Report from the Observations Programme Area Coordinator**
  - 3.3 Report from the SOT Chairperson**
  - 3.4 Report from JCOMMOPS (incl. from the SOT Technical Coordinator)**
- 4. REVIEW OF PENDING ACTION ITEMS FROM SOT-7**
- 5. REQUIREMENTS FOR SHIP-BASED OBSERVATIONS**
  - 5.1 GCOS / GOOS / WCRP Ocean Observations for Physics and Climate (OOPC)**
  - 5.2 Rolling Review of Requirements update**
- 6. REPORTS BY THE ASSOCIATED PROGRAMMES**
  - 6.1 International Ocean Carbon Coordination Project (IOCCP)**
  - 6.2 Shipboard Automated Meteorological and Oceanographic System (SAMOS) Project**
  - 6.3 Global Ocean Ship-Based Hydrographic Investigations Programme (GO-SHIP)**
  - 6.4 Group for High-Resolution SST (GHRSSST)**
  - 6.5 World Ocean Council**
  - 6.6 OceanScope**
  - 6.7 Ferrybox**
  - 6.8 Other associated programmes**
- 7. RECOMMENDATIONS BY THE TASK TEAMS AND PILOT PROJECTS**

- 7.1 Task Team on Satellite Communication Systems**
- 7.2 Task Team on ASAP**
- 7.3 Task Team on VOS Recruitment and Programme Promotion**
- 7.4 Task Team on Metadata for WMO-No. 47**
- 7.5 Task Team on Instrument Standards**
- 7.6 Task Team on Call Sign Masking and Encoding**
- 7.7 Task Team on Training**
- 7.8 VOS Ancillary Pilot Project**

## **8. NINETH SESSION OF THE VOS PANEL (VOSP-9)**

### **8.1 VOS Programme activity reports**

- 8.1.1 Report by the VOSP Chairperson
- 8.1.2 SOT Technical Coordinator report on VOS support activities

### **8.2 VOS Programme status reports**

- 8.2.1 VOS status report
  - 8.2.1.1 VOS participation
  - 8.2.1.2 Metadata – status & completion
  - 8.2.1.3 KPI compliances
  - 8.2.1.4 VOS Data coverage
- 8.2.2 E-SURFMAR Expert Team on VOS status report
  - 8.2.2.1 Status report
  - 8.2.2.2 E-SURFMAR Metadata database

#### 8.2.3 VOS Donation Programme

### **8.3 VOS Developments**

- 8.3.1 Electronic logbooks
  - 8.3.1.1 Electronic logbooks software status
  - 8.3.1.2 Electronic logbook developments (TurboWin, TurboWeb & TurboWin+)
- 8.3.2 VOS meteorological instruments
- 8.3.3 VOS automation Status
  - 8.3.3.1 E-SURFMAR - EUCAWS developments
  - 8.3.3.2 AMOS developments
  - 8.3.3.3 Other AWS developments

### **8.4 PMO Status and activities**

- 8.4.1 Role of the PMO
- 8.4.2 VOS & AWS inspection reports - implications of automation

### **8.5 VOS Issues**

- 8.5.1 VOS Classes
  - 8.5.1.1 Future composition of the international VOS fleets
  - 8.5.1.2 Upgrading to VOSClm standards
  - 8.5.1.3 Third party data and non-VOS support ships

- 8.5.1.4 Collection of delayed mode data
- 8.5.2 VOS website

## **9. ELEVENTH SESSION OF THE SOOP IMPLEMENTATION PANEL (SOOPIP-11)**

### **9.1 SOOP Programme activity reports**

- 9.1.1 Report by the SOOPIP Chairperson
- 9.1.2 SOT Technical Coordinator report on SOOP support activities
- 9.1.3 XBT Science Team

### **9.2 Programme status and implementation**

- 9.2.1 Status of SOOP implementation
- 9.2.2 XBT sampling transect occupation
- 9.2.3 Ship riders in High Density deployments
- 9.2.4 XBT Ship Recruitment

### **9.3 Interactions with other SOOP sampling programmes and activities**

- 9.3.1 pCO<sub>2</sub> systems
- 9.3.2 Thermosalinograph Network

### **9.4 Development and plans for the SOOP**

- 9.4.1 XBT Fall Rate Equation (FRE) advancements
- 9.4.2 Fall Rate Equation Experiments for Depth Offsets
- 9.4.3 Review of the XBT network

### **9.5 Data management**

- 9.5.1 XBT Data Flow and Transmission
- 9.5.2 Southern Ocean Data
- 9.5.3 International Quality controlled Ocean Data Base (IQUOD)

## **10. MONITORING, CODING AND DATA MANAGEMENT**

### **10.1 Monitoring and data centre reports**

- 10.1.1 VOS Monitoring Report from the Exeter (UK) Regional Specialized Meteorological Centre (RSMC)
- 10.1.2 Monitoring Report from the Real-Time Monitoring Centre (RTMC) for the VOS Climate (VOSClim) data
- 10.1.3 ASAP QC Monitoring report
- 10.1.4 Global temperature and Salinity Profile Programme (GTSPP)
- 10.1.5 Global Ocean Surface Underway data Pilot Project (GOSUD)

### **10.2 Marine Climate Data System (MCDS)**

- 10.2.1 Global Collecting Centres (GCCs) report on the VOS
- 10.2.2 VOSClim Data Assembly Centre (DAC) report

### **10.3 Operational Coding requirements**

- 10.3.1 BUFR Template for VOS data
- 10.3.2 BUFR Template and implementation for XBT/XCTD/TSG data

### **10.4 SOOP, GO-SHIP, and ASAP metadata requirements**

## **11 SOT IMPLEMENTATION STRATEGY**

**12. ORGANIZATIONAL MATTERS**

**12.1 Review the Terms of Reference of the SOT, VOSP and SOOPIP**

**12.2 Review of the SOT Management Team (including the role of the SOT Technical Co-ordinator)**

**12.3 Funding issues (SOT Technical Co-ordinator, Trust Funds)**

**12.4 SOT annual report format**

**13. NATIONAL REPORTS**

**14. NEXT SESSION OF THE SOT**

**15. REVIEW OF THE SOT-8 SESSION REPORT, ACTION ITEMS AND RECOMMENDATIONS**

**16. CLOSURE OF THE SESSION**

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