

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

SHIP OBSERVATIONS TEAM (SOT)

FIFTH SESSION

GENEVA, SWITZERLAND, 18-22 MAY 2009

SOT-V/Doc. I-1.2(1) REV. 2  
(30.4.2009)

ITEM: I-1.2

ORIGINAL: ENGLISH

**PROVISIONAL AGENDA**

**I(a). SOT-V COMMON SESSION I(a)**

**1. ORGANIZATION OF THE SESSION**

- 1.1 Opening of the Session
- 1.2 Adoption of the Agenda
- 1.3 Working Arrangements

**II. SOT-V SESSION II - SCIENTIFIC AND TECHNICAL WORKSHOP, NEW DEVELOPMENTS**

**I(b). SOT-V COMMON SESSION I(b)**

**2. REPORTS BY THE SECRETARIAT, OPA COORDINATOR, SOT CHAIRPERSON AND SOT TECHNICAL CO-ORDINATOR**

- 2.1 Report from the Secretariat
- 2.2 Report from the Observations Programme Area Coordinator
- 2.3 Report from the SOT Chairperson
- 2.4 Review of Action Items from SOT-IV
- 2.5 Report from the SOT Technical Co-ordinator

**3. REPORTS ON ASSOCIATED PROGRAMMES AND REQUIREMENTS FOR SHIP-BASED OBSERVATIONS**

- 3.1 Requirements for ship-based observations
  - 3.1.1 GCOS / GOOS / WCRP Ocean Observing Panel for Climate (OOPC)
  - 3.1.2 Use of VOS data in climate products
  - 3.1.3 Rolling Review of Requirements
  - 3.1.4 Platform/Instrument metadata requirements and META-T
- 3.2 Reports by associated programmes
  - 3.2.1 International Ocean Carbon Coordination Project (IOCCP)
  - 3.2.2 Shipboard Automated Meteorological and Oceanographic System Project (SAMOS)
  - 3.2.3 Global High-Resolution SST Pilot Project (GHRSSST)
  - 3.2.4 Ferrybox Project
  - 3.2.5 SeaKeepers Society
  - 3.2.6 Alliance for Coastal Technologies (ACT)
  - 3.2.7 Proposed SCOR Panel on Merchant Marine Instrumented Oceanographic Surveys

3.2.8 The Oceanoscientific Campaign

**4. REPORTS AND RECOMMENDATIONS BY TASK TEAMS**

- 4.1 Task Team on Satellite Communication Systems
- 4.2 Task Team on SOT Iridium Pilot Project
- 4.3 Task Team on ASAP
- 4.4 Task Team on VOS Recruitment and Programme Promotion
- 4.5 Task Team on Metadata for WMO-No. 47
- 4.6 Task Team on Coding
- 4.7 Task Team on Instrument Standards
- 4.8 Task Team on Call Sign Masking and Encoding
- 4.9 Task Team on VOSClim

**III. SOT-V SESSION III - SIXTH SESSION OF THE VOS PANEL (VOSP-VI)**

**1. PROGRAMME REVIEW**

- 1.1 Report by the VOSP Chairperson
- 1.2 Review of Action Items from the VOSP-V

**2. PROGRAMME IMPLEMENTATION**

- 2.1 VOS automation and electronic logbook software
  - 2.1.1 Status of VOS automation
- 2.2 Report on the E-SURFMAR VOS Technical Advisory Group (VOS-TAG)
- 2.3 Port Meteorological Officers (PMOs)
  - 2.3.1 Status of PMO global network
- 2.4 Monitoring tools
  - 2.4.1 VOS quality monitoring tools, multi-recruit tool
- 2.5 Metadata and Reporting tools
  - 2.5.1 VOS Pub-47 metadata generation tools

**3. MONITORING AND DATA MANAGEMENT**

- 3.1 Regional Specialized Meteorological Centre (RSMC), Exeter, VOS monitoring report
- 3.2 Real-Time Monitoring Centre (RTMC) for the VOSClim project monitoring report
- 3.3 ASAP QC Monitoring report
- 3.4 Global Collecting Centres (GCC) report on the VOS and VOSClim
- 3.5 Review of the Marine Climatological Summaries Scheme (MCSS)
- 3.6 VOSClim Data Assembly Centre (DAC) report

**4. ISSUES FOR THE VOS**

- 4.1 VOSClim – project status – results / implications for the wider VOS
- 4.2 IMO – report on WMO / IMO actions, progress on MSC circular, etc.
- 4.3 Proposed Ship ID for SOT
- 4.4 Technology challenges
  - 4.4.1 AIS, LRIT
  - 4.4.2 hg replacement
  - 4.4.3 Solutions for lack of floppy drive in Inmarsat terminals

4.5 Review of VOS Classes

## **5. FUTURE WORK PROGRAMME AND IMPLEMENTATION ISSUES**

5.1 Partnerships and the integration of other programmes with the VOS

5.2 Action items

## **6. ORGANIZATIONAL MATTERS**

6.1 Review the Terms of Reference of the VOSP

## **IV. SOT-V SESSION IV - EIGHTH SESSION OF THE SOOP IMPLEMENTATION PANEL (SOOPIV-VIII)**

### **1. PROGRAMME REVIEW**

1.1 Report by the SOOPIV Chairperson

1.2 Review of Action Items from SOOPIV-VII

### **2. PROGRAMME IMPLEMENTATION**

2.1 Status of the current sampling programme

2.2 Review of real-time and delayed-mode data transmissions

2.3 Review of XBT transect responsibilities

2.4 JCOMM / SOT pool of XBT probes

2.5 Operational XBT systems and development

2.6 Report on the Argo Project

2.7 Recruitment issues

2.8 Thermosalinograph (TSG) Operations

### **3. MONITORING AND DATA MANAGEMENT**

3.1 JCOMM in situ Observing Platform Support Centre (JCOMMOPS)

3.1.1 Review of the 2007 Surveys

3.1.2 Timely submission of data for SOOP Semestrial Reports

3.1.3 Improving ease of upload to JCOMMOPS database

3.2 Metadata and coding

3.2.1 Metadata requirements

3.2.2 SOOP database and equipment metadata

3.2.3 XBT BUFR testing – AOML

3.2.4 TSG BUFR testing - AOML

3.3 Monitoring Centre reports

3.3.1 Global temperature and Salinity Profile Programme (GTSP)

3.3.2 Global Ocean Surface Underway data Pilot Project (GOSUD)

3.3.3 Global temperature data distribution by Coriolis

### **4. ISSUES FOR THE SOOP**

4.1 Future global requirements

4.1.1 Evaluation of XBT network – OceanObs'09

4.2 Observing other ocean variable

4.3 Transmitting XBT data by a common communications platform

4.4 Other communications issues

**5. FUTURE WORK PROGRAMME**

5.1 Partnerships and integration of other programmes with SOOP

5.1.1 The Oleander Project

5.1.2 pCO<sub>2</sub> transects

5.1.3 Other collaborations and opportunities

5.2 Other SOOP related issues

5.3 Action Items

**6. ORGANIZATIONAL MATTERS**

6.1 Review the Terms of Reference of the SOOPIP

6.2 Review the membership of the SOOPIP

**I(c). SOT-V COMMON SESSION I(c)**

**5. SUPPORT INFRASTRUCTURE**

5.1 JCOMM in situ Observing Platform Support Centre (JCOMMOPS) and future Observing Programme Support Centre (OPSC)

5.2 Telecommunication facilities

5.2.1 Inmarsat and IMSO

5.2.2 EUMETSAT

5.2.3 Argos

5.2.4 Iridium

5.2.5 Review of satellite data telecommunication systems

5.3 WMO Integrated Global Observing Systems (WIGOS)

**6. PROGRAMME PROMOTION, AND INFORMATION EXCHANGE**

6.1 SOT Annual Report

6.2 Websites

6.3 Focal Point mailing lists

6.4 Publications and brochures

**7. ORGANIZATIONAL MATTERS**

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

7.2 Funding issues (SOT Technical Co-ordinator, Ship Consumables Trust Fund, ASAP Trust Fund)

7.3 Review the Terms of Reference of the SOT

7.4 Status of ASAP Panel

**8. NEXT SESSION OF THE SOT**

**V. SOT-V SESSION V - NATIONAL REPORTS**

**I(d). SOT-V COMMON SESSION I(d)**

**9. REVIEW OF THE SOT-V SESSION REPORT, ACTION ITEMS AND RECOMMENDATIONS**

**10. CLOSURE OF THE SESSION**

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