INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION
(of UNESCO)

Eighth Session of the Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System (ICG/IOTWS-VIII)

Melbourne, Australia

3-6 May 2011

PROVISIONAL ANNOTATED AGENDA

1. WELCOME AND OPENING OF EIGHTH SESSION

   • Dr Ray Canterford, Division Head, Services, Bureau of Meteorology
   • Wurundjeri Elder, Ms Georgina Nicholson
   • Dr Greg Ayers, Director of Meteorology and CEO Bureau of Meteorology
   • Mr Tony Elliott, Head of IOC-UNESCO ICG/IOTWS Secretariat on behalf of Dr Wendy Watson-Wright, Assistant Director General of UNESCO and Executive Secretary of the Intergovernmental Oceanographic Commission
   • Dr Jan Sopaheluwakan, Deputy Chairman of Scientific Services, Indonesian Institute of Sciences, ICG/IOTWS Chair

2. ORGANIZATION OF THE SESSION

2.1 ADOPTION OF AGENDA

Working Documents: ICG/IOTWS-VIII/1 Prov. Provisional Agenda
ICG/IOTWS-VIII/2 Prov. Provisional Annotated Agenda

The ICG/IOTWS Chair, Dr Jan Sopaheluwakan, will introduce the provisional agenda and provisional annotated agenda. He will inform the meeting that the agenda was prepared by the Secretariat and the Officers taking into account the recommendations of ICG/IOTWS-VII as well as the IOC Rules of Procedures. He will then open the floor for comments from delegates on the agenda.

The agenda will then be approved as presented or with amendments as decided by the delegates.

2.2 DESIGNATION OF THE RAPPORTEUR

The group will be requested to consider the need to nominate a Rapporteur for the session. The role of the Rapporteur is to review and certify the report prepared by the Secretariat. The Chair will inform the meeting that as per established practices for subsidiary bodies there will not be a line-by-line approval of the report but only for Decisions and Recommendations. As the meeting will be conducted in English, the Rapporteur should have a good command of the language.
The Head of the ICG/IOTWS Secretariat, Mr Tony Elliott, will introduce the timetable and documentation for the session. He will inform the Session that in order to facilitate the proceedings of the meeting the timetable has been prepared by the Secretariat in coordination with the Officers and the Steering Group. The list of documents is available as ICG/IOTWS-VIII/4 Prov. The Provisional Timetable is available as ICG/IOTWS-VIII/1 Prov.Add. All the documents have been or will be made available through the ICG/IOTWS-VIII website and printed copies are also available on request.

The Chair will invite the delegates to adopt the timetable as presented or to suggest amendments.

In order to organise the meeting as well as to facilitate and promote the exchange of points of views and advance agreements that might prove time consuming in plenary, delegates will be requested by the Chair to establish the following sessional committees [this list is not exclusive and can be modified in plenary]:

- **Recommendations Committee**: to certify that draft recommendations submitted by Member States are consistent in language and fulfil requirements established in the IOC Manual (Document IOC/INF 785) for presentation under agenda item 12.
- **Programme and Budget Committee**: to produce an estimate of the amount of resources Member States are investing in tsunami warning systems and to estimate needs for 2011-2012, both from UNESCO/IOC regular budget and from other sources, and report back to plenary under agenda item 8.
- **IOTWS Implementation Plan Committee**: to review document ICG/IOTWS-VIII/20 - IOTWS Implementation Plan and report back to plenary under agenda item 7.
- **Elections Committee**: to oversee the election of officers and report back to plenary under agenda item 10.

The Chair will ask for nominations for the sessional committees and their respective chairs.

The Chair will inform the meeting of the forthcoming election of officers and remind the ICG of the deadline for nominations by Member States. Nomination forms are available on the ICG/IOTWS-VIII website and printed copies can be obtained from the Secretariat on request.

The deadline for receipt of nominations is **17:30hrs local time, 3rd May**.

### 3. REPORT ON INTERSESSIONAL ACTIVITIES

#### 3.1 IOC EXECUTIVE SECRETARY’S REPORT

Mr Ulrich Wolf, Senior Advisor, IOC Tsunami Unit, will present this report on behalf of the IOC Executive Secretary. After the report, the Chair will invite comments from the delegates.

#### 3.2 CHAIR’S REPORT

The Chair’s report will follow.
The Chair of the ICG/IOTWS, Dr Jan Sopaheluwakan, will report on the activities of the ICG during the intersessional period. He will also report on the Steering Group meeting held in Perth, Australia on 8-9 March 2011.

The Steering Group has made the following recommendations to the ICG:

- To prepare a document reflecting the history of the IOTWS from the users’ perspective. Target ICG/IOTWS-IX for release.
- ICG to develop a plan for promoting Outreach, Capacity Building and Media Interaction, coordinated by the Steering Group.

The Chair will invite comments from the delegates.

3.3 REVIEW OF ICG/IOTWS DECISIONS, RECOMMENDATIONS AND ACTIONS

Working Document: ICG/IOTWS-VIII/9

Decisions and Recommendations Implementation Report

The Head of the ICG/IOTWS Secretariat, Mr Tony Elliott, will report on the implementation of ICG/IOTWS decisions, recommendations and actions. He will provide and update on outstanding actions from ICG/IOTWS-VI as well as reporting on the implementation of actions arising from ICG/IOTWS-VII. The Chair will invite comments from the delegates.

3.4 ICG/IOTWS SECRETARIAT REPORT

Working Document: ICG/IOTWS-VIII/10

Secretariat Report

The Head of the ICG/IOTWS Secretariat, Mr Tony Elliott, will report on the activities of the Secretariat in the intersessional period. The Chair will invite comments from the delegates.

3.5 REPORT ON THE 4TH MEETING OF THE TOWS WORKING GROUP

Information Documents: Report of Inter-ICG Task Team on Sea Level Monitoring Report of Inter-ICG Task Team on Tsunami Watch Operations Report of Inter-ICG Task Team on Disaster Management and Preparedness

Mr Rick Bailey, Vice Chair of the ICG/IOTWS, will report on the progress made by the Tsunami and Other Hazards Related to Sea level Warning and Mitigation Systems (TOWS) Working Group. In particular, he will inform the Session of the outcomes of the 4th meeting of the TOWS WG, held in Paris, 21-22 March 2011.

The Chair will invite comments from the delegates.

3.6 REPORT FROM THE INTERIM ADVISORY SERVICE

Working Document: ICG/IOTWS-VIII/21

Interim Advisory Services Report (PTWC)

Dr Stuart Weinstein, Deputy Director of the Pacific Tsunami Warning Centre (PTWC), will present his report on PTWC activities during the intersessional period including events responded to and products issued. He will also report on recent progress and improved capabilities of the operational warning system and its associated components.

Mr Takeshi Koizumi, Senior Coordinator for International Earthquake and Tsunami Information for the Japan Meteorological Agency (JMA), will make a summary report on the JMA Tsunami
Warning Centre’s recent developments, including its operations and analysis of recent significant tsunami events.

The Chair will invite comments and questions from the delegates after each report.

### 3.7 REPORT ON TSUNAMI OUTREACH AND CAPACITY BUILDING

#### 3.7.1 REPORT FROM JAKARTA TSUNAMI INFORMATION CENTRE (JTIC)

This item will be introduced by Mr Ardito Kodijat, Head of the UNESCO IOC Jakarta Tsunami Information Centre (JTIC). Mr Kodijat will report on developments at JTIC in the intersessional period and will provided information on the projects being conducted by JTIC. The Chair will invite comments and questions from the delegates after the report.

### 3.8 NATIONAL PROGRESS REPORTS

The following Member States have submitted national reports to the Secretariat (available as on the ICG/IOTWS-VIII website): Australia, India, Indonesia, Kenya, Malaysia, Mauritius, Oman, Tanzania and Thailand.

Delegations may make short presentations on the actions and status of their national tsunami and other coastal hazards warning systems. Time for these presentations may be limited by the Chair in order to keep the meeting within schedule. Short questions and answers may be allowed by the Chair after each presentation.

### 3.9 REPORTS FROM UN AGENCIES

Mr Rajesh Sharma, Regional Information Systems Specialist, United Nations Development Programme (UNDP) Regional Centre Bangkok, will report on recent regional capacity building activities initiated by the UNDP, including collaborative activities with IOC.

Ms Edle Tenden, Programme Officer, UN Economic and Social Commission for Asia and the Pacific (UNESCAP), will provide a summary of the progress of the UNESCAP regional multi donor voluntary trust fund, including collaborative activities with IOC.

The Chair will invite short questions and comments from the delegates after each report.

### 3.10 REPORT FROM OTHER ORGANISATIONS

Dr Joern Lauterjung and Mr Harald Spahn will provide a report on the status of the German-Indonesian Tsunami Early Warning System (GITEWS). They will provide information on the status of the German contribution, how it will work in the future and some information on Capacity Development for the "Last Mile" in Indonesia.

The Chair will invite questions and comments from the delegates after the report.

### 4. WORKING GROUP PROGRESS REPORTS

#### 4.1 WORKING GROUP 1 PROGRESS REPORT: TSUNAMI RISK ASSESSMENT AND REDUCTION

The Chair of Working Group 1, Prof. Sam Hettiarachchi, will present an update on the group’s activities in the intersessional period.

The Chair will request the delegates to comment on the report from Working Group 1.
4.2 WORKING GROUP 2 PROGRESS REPORT: TSUNAMI DETECTION, WARNING AND DISSEMINATION, INCLUDING REPORT FROM RTWP TASK TEAM

Working Documents:
- ICG/IOTWS-VIII/11 WG2 Intersessional Report
- ICG/IOTWS-VIII/12 RTT Intersessional Meeting Report
- ICG/IOTWS-VIII/13 IOTWS Communications Test Report

Information Documents:
- Ocean Data Buoy Vandalism – Incidence, Impacts and Responses. (DBCP Technical Document No. 41)

The Chair of Working Group 2, Dr. Satheesh Shenoi, will present an update on the group’s activities. In particular he will report on the outcomes of the Working Group 2 intersessional meeting held at INCOIS, Hyderabad, India, 10th – 11th February 2011.

Working Group 2 has made the following recommendations to the ICG:

- To elect a third vice chair with responsibility for seismology
- To make RTWP service operational at the proposed IOWave11 exercise and for ICG to request the IAS to continue in shadow mode until an evaluation report on operational performance is submitted to the next ICG meeting in 2012
- IOWave11 exercise to be held on 12th October 2011

The Chair will request the delegates to comment on the update from Working Group 2.

The Chair of the RTWP Task Team (RTT), Dr. Srinivas Kumar will report on developments and progress made by the RTWPs in the intersessional period. He will report on the outcomes of the RTT intersessional meeting and the NTWC training workshop held at INCOIS, Hyderabad, India, 7th – 9th February.

The Chair will invite questions and comments from the delegates.

4.3 WORKING GROUP 3 PROGRESS REPORT: TSUNAMI AWARENESS AND RESPONSE

The Chair of Working Group 3, Ms Irina Rafliana, will report on the activities of Working Group 3 in the intersessional period.

The Chair will request the delegates to comment on the update from Working Group 3.

5. REGIONAL TSUNAMI WATCH PROVIDER (RTWP) STATUS REPORTS

Working Documents:
- ICG/IOTWS-VIII/14 RTWP Status Report– Australia
- ICG/IOTWS-VIII/15 RTWP Status Report– India
- ICG/IOTWS-VIII/16 RTWP Status Report– Indonesia
- ICG/IOTWS-VIII/17 RTWP Status Report– RIMES

Representatives from the RTWPs of Australia, India, Indonesia and RIMES will give presentations on the status of their development and progress towards achieving RTWP Service Level 2. They will provide details of their capabilities and performance against the criteria contained in the RTWP Implementation Plan (IOC Technical Series No 81).

The Chair will invite and encourage the delegates to scrutinize the RTWP reports and to seek clarification and ask questions about all aspects of the RTWP’s operational capacity.
6. POLICY MATTERS

6.1 ADOPTION OF TIMETABLE FOR TRANSITION FROM INTERIM ADVISORY SERVICE TO RTWP SERVICE

This agenda item will be introduced by the Chair of Working Group 2, Dr Satheesh Shenoi. He will refer to the Working Group 2 workplan for implementing the transition from the Interim Advisory Service provided by PTWC and JMA to the Indian Ocean RTWP Service. He will present the proposed timetable and outline the steps for ensuring that the transition process is completed according to the schedule proposed by Working Group 2 under agenda item 4.2.

The Chair will open the floor for discussion, comments and questions from the delegates and will ask the ICG to decide whether to adopt the transition timetable as proposed or to suggest amendments. A small drafting team may be formed to draft a recommendation for submission to the Recommendations Committee for approval under agenda item 12.

6.2 IOTWS MEDIUM TERM STRATEGY

Working Documents: ICG/IOTWS-VIII/18 IOTWS Medium Term Strategy

Mr Rick Bailey, Vice Chair of the ICG/IOTWS, will introduce this item and will present the draft Medium Term Strategy for the IOTWS. He will explain that the purpose of the Medium Term Strategy is to describe the basic directions towards continuously improving the IOTWS to meet stakeholder requirements during the period 2011-2015. It focuses on describing general, common but essential, strategic objectives to ensure an effective and efficient, tsunami warning and mitigation system that is interoperable wherever possible with other regional tsunami warning systems.

The Chair will open the floor for discussion, comments and questions from the delegates and will ask the ICG to decide whether to adopt the Medium Term Strategy as proposed or to suggest amendments. A small drafting team may be formed to draft a recommendation for submission to the Recommendations Committee for approval under agenda item 12.

6.3 EXPANSION OF ROLE OF JTIC TO BECOME A TSUNAMI INFORMATION CENTRE FOR THE IOTWS

Working Documents: ICG/IOTWS-VIII/19 Concept Note: Jakarta Tsunami Information Centre – Moving Forward to Indian Ocean Tsunami Information Centre

Mr Ardito Kodijat, Head of the UNESCO IOC Jakarta Tsunami Information Centre (JTIC), will introduce this item. He will explain JTIC’s current role as a tsunami information centre for Indonesia and outline a concept for developing JTIC into an Indian Ocean Tsunami Information Centre (IOTIC), in the context of a network of information centres supporting the Pacific, Caribbean and North East Atlantic and Mediterranean regional tsunami warning systems. Mr Kodijat will describe a rationale for the proposed IOTIC, which will focus on three main roles: information and resources; capacity building; and tsunami study programmes. He will outline a budget estimate for establishing and maintaining the IOTIC.

The Chair will open the floor for discussion. He will ask the ICG to consider the benefits of developing JTIC into a regional information centre for the Indian Ocean and to address the issue of mobilizing resources to establish and sustain the centre.
6.4 IOTWS OUTREACH, CAPACITY BUILDING AND MEDIA INTERACTION
Dr Jan Sopaheluwan, Chair of the ICG/IOTWS, will introduce this agenda item. He will explain the need for the ICG to better engage with the media, especially with the imminent start of the RTWP service. He will suggest that the ICG requires a strategy to announce to the media and involve them more formally in the next IOWave exercise. Although it is a national responsibility to educate the media and public about the limitations of the system (eg for local tsunamis), it is necessary to make sure all Member States and media outlets have the same perception.

As recommended by the Steering Group, the Chair will propose that the ICG develops a plan for promoting Outreach, Capacity Building and Media Interaction, coordinated by the Steering

The Chair will open the floor for discussion, comments and suggestions from the delegates.

7. UPDATES TO THE IOTWS IMPLEMENTATION PLAN
Working Documents: ICG/IOTWS-VIII/20 Implementation Plan
This agenda item will be introduced by Ms Jane Cunneen, Programme Specialist, UNESCO IOC Secretariat. She will provide background information on the development of the IOTWS Implementation Plan. The meeting will then be presented with the conclusions of the sessional committee established to review the Implementation Plan.

The Chair will open the floor for discussion, comments and questions from the delegates.

8. PROGRAMME AND BUDGET FOR 2011-2012
This agenda item will be introduced by Mr Tony Elliott, Head of ICG/IOTWS Secretariat. He will inform the Session that funding for ICG/IOTWS activities comprises Regular Programme and Extra-Budgetary funds. He will explain that, in general, resources for ICG/IOTWS activities should be mobilized by the IOTWS Member States or from other donors. The ICG will be presented with the conclusions of the sessional committee established to review the programme and budget for 2011-2012.

The ICG will be invited to consider the important issue of funding for the long term sustainability of the IOTWS and Member States will be invited to consider making contributions to the IOC Special Account set up for this purpose.

The Chair will open the floor for discussion and comments.

9. NEXT MEETING

9.1 CONFIRMATION OF DATE AND VENUE FOR ICG/IOTWS-IX
Member States of the ICG will be requested to offer to host the 9th Session of ICG/IOTWS in 2012 and consider the appropriate place and time.

9.2 TARGET DATE AND VENUE FOR ICG/IOTWS-X
The Chair will invite expressions of interest to host the 10th Session of the ICG/IOTWS.

10. ELECTION OF OFFICERS
The Chair will hand over the chair of this part of the meeting to the Chair of the Election Committee. The Chair will ask the Secretariat to remind the meeting of the Rules and Procedures for the Election of Officers. The Chair will then request comments from the ICG on how Member States wish to proceed with elections.
He will finally announce the results of the Elections and welcome the elected Chair and Vice Chairs who will take office after the closure of this Session.

11. OTHER BUSINESS
The Chair will ask the delegates to raise any issues not already covered during the meeting.

12. ADOPTION OF THE SUMMARY REPORT AND RECOMMENDATIONS
The delegates will be presented with the Draft Recommendations submitted to the sessional Recommendation Committee established to prepare the recommendations for approval by the ICG.

The Chair will request the delegates to adopt the recommendations of the Eighth Session of the ICG/IOTWS.

13. CLOSE OF MEETING