

WORLD METEOROLOGICAL ORGANIZATION

COMMISSION FOR INSTRUMENTS AND METHODS OF OBSERVATION

**CIMO MANAGEMENT GROUP
Eighth Session**

Helsinki, Finland

8 September 2010

FINAL REPORT



AGENDA

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GENERAL SUMMARY

1. ORGANIZATION OF THE SESSION

1.1 Opening of the session

1.1.1 The eighth session of the CIMO Management Group (MG) was opened on Wednesday 8 September 2010 at 14h00, immediately following CIMO-XV, by Prof. Bertrand Calpini, President of CIMO. The list of participants is given in [Annex I](#).

1.2 Adoption of the agenda

1.2.1 The meeting adopted the Agenda as reproduced [at the beginning of this report](#).

2. FOLLOW-UP ON THE DECISIONS OF CIMO-XV

2.1 Composition of Expert Teams

2.1.1 The MG reviewed the proposal for the composition of CIMO Expert Teams (ET) and approved the list provided in [Annex II](#). It was stressed that there was no guarantee that a physical meeting of the expert teams would take place, but that the work would be project oriented.

2.1.2 The MG requested the Secretariat to invite other technical commissions and relevant international organizations to nominate their representatives to CIMO teams prior to their meetings and inform CIMO members on their composition through the CIMO/IMOP website.

2.1.3 As recognized by CIMO-XV, the work expected from the Theme Leader on Radiosonde Performance Monitoring would be significant. The MG therefore requested Mr Gusev to clarify whether Mr Kats would have the time and would be willing to assume this function as well as whether he had access to the information needed to carry out the task.

2.1.4 The CBS President invited the CIMO Theme Leader on Radio-frequency Protection to participate in the meeting of the CBS Steering Group on Radio-frequency Coordination (SG-RFC).

2.2 Nomination of Focal Points and Establishment of Task Teams

2.2.1 The MG nominated Dr Bruce Forgan as Focal Point on Gender Issues. The MG also nominated Dr Bruce Forgan as CIMO Focal Point for the Executive Council Panel of Experts on Polar Observations, Research and Services (EC-PORS).

2.2.2 The MG nominated Mr Rabbia Merrouchi as CIMO Representative in the CBS OPAG-ISS Inter-Programme Expert Team on Metadata and Data Interoperability (IPET-MDI) and as CIMO representative in the activities specified in the Memorandum of Understanding (MoU) signed between WMO and the Open Geospatial Consortium (OGC), with the specific task to develop awareness of ISO/OGC standards within the WIGOS community and CIMO.

2.2.3 CIMO-XV adopted generic terms of reference for CIMO Testbeds and Lead Centres and related evaluation criteria. Furthermore, CIMO-XV agreed on the designation process for the establishment of future CIMO Testbeds and Lead Centres. Based on these, CIMO-XV established one Testbed and one Lead Centre. As additional information was needed to finalize the evaluation of the other proposals that had been received and any new proposals, the MG decided to establish a Task Team for the Evaluation of Testbed and Lead Centre

Proposals as provided in [Annex III](#). The MG requested the Task Team to evaluate the proposals that would have been received by end of October 2010 and to provide a report to the MG by end of 2010. It was agreed that the Task Team would carry out its work by e-mail and teleconference, as needed.

2.2.4 With respect to the conduction and evaluation of the Eleventh Pyrheliometer Comparison (IPC-XI) that will be held in Davos, Switzerland, from 27 Sept. to 15 Oct. 2010, the MG tasked Mr Bruce Forgan, in collaboration with the Secretariat, to establish a Task Team composed of appropriate IPC-XI participants to overview the process and to finalize the Terms of Reference of the Task Team according to the guidance given by CIMO-XV. This Task Team will report to the MG.

2.3 Working Mechanism of the Expert Teams and OPAGs

2.3.1 The MG decided that the vice-president and the OPAG Co-chairs will have oversight of the following ETs and/or Theme Leaders:

- Mr Forgan A.1 and A.3
- Mr van der Meulen A.2 and A.4
- Mr Zhou B.1 and B.4
- Mr Gusev B.2 and B.3
- Mr Issara C1
- Mr Kurz C2
- Mr Garcia C.3
- Mr Baker C.4 and C.5

2.3.2 It was agreed that the Vice-president and the OPAG chairs would initiate the preparation of the work plans and request their particular ET chairs to prepare their tentative work plans by end of 2010. The MG agreed that it was the primary responsibility of the ET Chairs to develop their team's work plan, in liaison with their vice chairpersons, the relevant MG member and the Secretariat. The workplans will be reviewed and approved by the MG to ensure appropriate prioritization of CIMO activities, as needed.

2.3.3 It was emphasized that the ET would have to work in a project-oriented manner to ensure the timely output of the deliverables. It was proposed to work with an approach based on results and it was suggested to study the possibility of using dashboards periodic monitoring of the activities.

2.3.4 The OPAG and ET Chairs were requested to identify which Task Teams would be needed to carry out the work of their ET and to propose the composition of those Task Teams by end of 2010 to the MG for further decision on their establishment. To that effect, the Secretariat will provide to the MG members and ET Chairs the list of experts that were proposed by Members to contribute to CIMO ETs.

2.3.5 The MG recommended that the tasks included in the workplans be limited to a realistic number that could be achieved. The tasks should be very specific and include clear deliverables/goals and milestones. The ET Chairs have to coordinate and monitor the work of their ET throughout the inter-session period. The ET chairs shall regularly review the state of advance of the work of their team and achievement of the milestones. They shall also regularly inform the MG whether the work of their ET is progressing as expected or not, and in particular if they need help to address specific problems.

2.3.6 The MG recognized that with the new OPAG and ET structure of the Commission, there will be a need to clarify which ETs are responsible for developing the updates of the different CIMO Guide chapters. The MG agreed to address this issue at its next meeting.

3. ANY OTHER BUSINESS

3.1 The MG recognized that Dr Nash had provided outstanding contributions to the activities of CIMO over many years and in a variety of domains.

3.2 The MG agreed to propose to the WMO Secretary-General that the Certificate for Outstanding Services to WMO and particularly to CIMO should be presented to Dr John Nash. This certificate shall be given in recognition of his long and outstanding contributions to capacity building and training in Instruments and Methods of Observation and for promoting the transfer from research to operational ground-based remote sensing systems in the work of CIMO as well as for his vigorous and devoted leadership as president and vice-president of CIMO.

4. CLOSURE OF THE SESSION

4.1 The MG agreed that it should hold its next session at the latest in the first quarter of 2011 to finalize the ETs and Theme Leaders workplans, establish needed Task Teams, and prioritize and plan future activities.

4.2 The session closed on Wednesday, 8 September 2010 at 16:10 hours.

LIST OF PARTICIPANTS

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COMPOSITION OF EXPERT TEAMS

A. OPAG STANDARDIZATION AND INTERCOMPARISONS

A.1 Expert Team on Standardization

- Chair. Brian Howe (Canada)
- Vice-chair: Mike Molyneux (United Kingdom)
- Adam Aro el Ghaffar (Egypt)
- Hannelore I. Bloemink (Netherlands)
- Ian Dollery (Australia)
- Wolfgang Finsterle (Switzerland)
- Luca Lanza (Italy)
- Michel Leroy (France)
- Michiko Otsuka (Japan)
- LU Wenhua (China)

A.2 Expert Team on New In-situ Technologies

- Chair. Steven Oncley (USA)
- Vice-chair: Wiel Wauben (Netherlands)
- Julian Gröbner (Switzerland)
- GUO Jianxia (China)
- Bruce Hartley (New Zealand)
- Nabil Nouni (Morocco)
- Jani Poutiainen (Finland)
- Stefan Waas (Germany)
- Muslum Yigit (Turkey)

A.3 Expert Team on Instrument Intercomparisons

- Chair. Emanuele Vuerich (Italy)
- Vice-chair: Eckhard Lanzinger (Germany)
- LI Wei (China)
- Martin Mair (Austria)
- Rodica Nitu (Canada)
- Yves-Alain Roulet (Switzerland)
- K.C. Sai Krishnan (India)

A.4 Theme Leaders on Aircraft Measurements

- Axel Hoff (Germany)
- Jitze van der Meulen (Netherlands)

B. OPAG REMOTE-SENSING AND NEW TECHNOLOGIES

B.1 Expert Team on Operational Remote-Sensing

- Chair. LI Bai (China)
- Vice-chair: Richard Ice (USA)
- Jean-Louis Champeaux (France)
- Jussi Haapalainen (Finland)
- Paul Joe (Canada)
- Yoshihisa Kimata (Japan)
- Volker Lehmann (Germany)

- Oguzhan Sireci (Turkey)

B.2 Expert Team on New Technologies and Testbeds

- Chair. Arkadiy Koldaev (Russian Federation)
- Vice-chair: Arnaud Apituley (Netherlands)
- Henk Klein Baltink (Netherlands)
- Pak Wai Chan (Hong Kong, China)
- GAO Yuchun (China)
- Dirk Klugmann (United Kingdom)
- Rigel Kivi (Finland)
- Siebren de Haan (Netherlands)
- Masahisa Nakazato (Japan)
- Jae Gwang Won (Korea)

Representative(s) of other international organization(s) :

- Randolph Ware (HMEI)

B.3 Theme Leader on Radio-frequency Protection

- Aline Kraai (Netherlands)

B.4 Theme Leaders on Satellite Observations

- Kevin Schrab (USA)
- SUN Anlai (China)

C. OPAG CAPACITY BUILDING

C.1 Expert Team on Regional Instrument Centres, Calibration and Traceability

- Chair. Jérôme Duvernoy (France)
- Vice-chair: Drago Groselj (Slovenia)
- Amudha Bakthavathsalu (India)
- William Burnett (USA)
- John Gorman (Australia)
- HE Xiaolei (China)
- Rabbia Merrouchi (Morocco)
- Kouichi Nakashima (Japan)

Representative(s) of other international organization(s) :

- Jean Ngamini (ASECNA)

C.2 CIMO Guide Editorial Board

- Chair. Volker Kurz (Germany)
- Vice-chair: Krunoslav Premec (Croatia)
- Stephen Cohn (USA)

Representative(s) of other international organization(s) :

- Randolph Ware (HMEI)

C.3 Theme Leaders on Training Material & Training Activities

- Ercan Buyukbas (Turkey)

- CAO Xiaozhong (China)

C.4 Theme Leader on Radiosonde Performance Monitoring

- Alexander Kats

C.5 Theme Leader on Surface-based Instrument Performance Monitoring

- PEI Chong (China)

**Task Team for the
Evaluation of Testbed and Lead Centre Proposals**

The Task Team for the Evaluation of Testbed and Lead Centre Proposals will be composed of:

- | | |
|---------------------|-------------------|
| 1. Mr Bruce FORGAN | Australia (Chair) |
| 2. Mr Bruce HARTLEY | New Zealand |
| 3. Mr Michel LEROY | France |
| 4. Mr Heng ZHOU | China |