

**WORLD METEOROLOGICAL ORGANIZATION**

**COMMISSION FOR INSTRUMENT AND  
METHODS OF OBSERVATION  
*OPAG-SURFACE***

**EXPERT TEAM ON REMOTE SENSING UPPER-AIR  
TECHNOLOGY AND TECHNIQUES  
*First Session***

Geneva, Switzerland, 14-17 March 2005

CIMO/OPAG-UPPER-AIR/  
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**PROVISIONAL AGENDA**

1. ORGANIZATION OF THE SESSION
  - 1.1 Opening of Session
  - 1.2 Adoption of the Agenda
  - 1.3 Working Arrangements for the Session
2. REPORT OF THE CHAIRMAN
3. GPS WATER VAPOUR MEASUREMENTS
  - 3.1 Compatibility between different types of measurements
  - 3.2 Operational procedures of GPS water vapour networks
4. COMPLEMENTARY USE OF MODERN DOPPLER RADARS AND PROFILERS IN THE UPPER-AIR NETWORK
  - 4.1 Quality and availability of remotely sensed upper wind measurements
  - 4.2 Suitability of modern radars and wind profilers for wider deployment in NMHSs
  - 4.3 Guidance material on operational aspects of wind profilers
5. OPERATIONAL USE OF LIGHTNING DETECTION METHODS
  - 5.1 Compatibility of lightning detection remote sensing and conventional in-situ observations
  - 5.2 Evaluation methods for operational lightning detection systems
  - 5.3 Lightning detection projects and networks
6. INTEGRATED PROFILING SYSTEMS AND OTHER UPPER-AIR MEASUREMENT TECHNIQUES
  - 6.1 Projects for integration of different ground-based observing techniques
7. WORK PLAN
8. ANY OTHER BUSINESS
9. DRAFT REPORT OF THE SESSION
10. CLOSURE OF SESSION