

**WORLD METEOROLOGICAL ORGANIZATION**

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

**EXPERT TEAM ON SURFACE TECHNOLOGY AND  
MEASUREMENT TECHNIQUES  
*First Session***

Geneva, Switzerland, 13-16 October 2004

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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. STANDARDS FOR AUTOMATED VISUAL AND SUBJECTIVE OBSERVATIONS
  - 3.1 Systems measuring present weather
  - 3.2 Standardization of algorithms for AWSs
  - 3.3 Standards for automation of manual, visual and subjective observations
  - 3.4 Possible alternative methods for replacing some traditional observations
4. THE STATE-OF-THE-ART OF INSTRUMENTS AND AUTOMATED SURFACE OBSERVING SYSTEMS
  - 4.1 Instrument development inquiry
  - 4.2 Instruments for harsh climatological conditions
  - 4.3 Development of siting criteria and metadata standards
  - 4.4 Possible means to minimize the impact on the cost of the continuous improvements of instruments
5. PROGRESS OF URBAN AND ROAD METEOROLOGICAL MEASUREMENTS
  - 5.1 Urban meteorological measurements
  - 5.2 Road meteorological measurements
6. QUALITY MANAGEMENT SYSTEMS PROCEDURES FOR INSTRUMENTS AND METHODS OF OBSERVATION
  - 6.1 Performance measures to demonstrate continuous improvement in the quality of observations
7. TRAINING ACTIVITIES AND TRAINING MATERIAL
8. WORK PLAN
9. ANY OTHER BUSINESS
10. DRAFT REPORT OF THE SESSION
11. CLOSURE OF SESSION