

WORLD METEOROLOGICAL ORGANIZATION

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**COMMISSION FOR BASIC SYSTEMS**

**MANAGEMENT GROUP**

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**ISSUES RELEVANT TO CBS ARISING FROM  
CONGRESS,  
EXECUTIVE COUNCIL, AND  
THE 2003 MEETING OF  
THE PRESIDENTS OF TECHNICAL COMMISSIONS**

***WMO standards for weather forecasts***

*(Submitted by the Secretariat)*

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**Summary and purpose of document**

This document provides information on the deliberations of Cg-XIV on WMO standards for weather forecasting. The Management Group is invited to consider the task for CBS and to plan the pertinent activities.

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***WMO standards for weather forecasts***

In the broader context of the role and operation of the NMHSs, Cg-XLIV discussed the requirement for a WMO standards for weather forecasts.

Congress was of the view that the establishment of a WMO standard and/or recommended practice for weather forecasting techniques would assist in producing more reliable forecasts, using optimally the current levels of meteorological science and technology. A standard and/or recommended practice for weather forecasting might include a series (or chain) of mandatory and desirable elements representing the stages of weather forecast preparation. While care would be needed to avoid giving the impression that weather forecasting was a purely mechanical linear process, each element of that practice could be described by a set of standard and/or recommended procedures. At the same time, it was important to recognize the need to take into account the varying situations among countries and the possible diversity in the need for, and appreciation of, such standards.

CBS had been requested to study the matter with a view to taking appropriate steps to develop recommendations.

The Management Group may wish to note that EC-LVI would need to be informed on the approach CBS intends to take in this matter, or on progress already achieved by the time of the EC session.

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