

# 8. WRF Operations Requirements Board

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WRF Executive Oversight Board

Meeting 2005-2

4<sup>th</sup> ExOB Meeting

11 August 2005

# Membership

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**Dr. Jerry Wegiel, AFWA (chair)**

**Dr. Geoff DiMego, NCEP**

**Mr. Roger Stocker, FNMOC**

**Dr. Nelson Seaman, PC (Ex Officio)**

**Dr. Joseph Klemp, WRAB, (Ex Officio)**

**Dr. Bob Gall, DTC (Ex Officio)**

# Charge

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The primary function of the WRF Operational Research Board (WORB) is to define WRF program requirements necessary for the WRF modeling system to sustain its function as a model for operations and other real-time applications

Requirements are those scientific and technical attributes or standards without which WRF will be unable to function as a viable tool for the operational and real-time forecasting communities

# Charge (continued)

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The WORB reviews WRF coding and documentation standards developed by the appropriate Working Group(s) and, in concert with the Development Test bed Center (DTC) and Operations Tested Centers (OTCs), to ensure that they are suitable for sustaining WRF as an operational modeling system also used for research applications

The WORB recommends any changes to those standards for approval by the WRF PC/PO. The Head of the WORB, nominated by the WRF Program Coordinator, is an atmospheric scientist recognized for leadership and significant experience in operational mesoscale numerical weather prediction. The Head of the WORB is an ex officio member of the WRAB. Approved minutes of the WORB will be provided to the WRF Program Office. The WORB may be contacted at

[wrf-worb@wrf-model.org](mailto:wrf-worb@wrf-model.org)

# Correspondence

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**Primary means has been via e-mail and teleconferences**

**Attempts to hold face-to-face meetings have failed on three separate occasions due to travel budget cuts or other higher priorities (WRF Workshops at NCAR in Jun '04 and '05 and 2005 annual AMS meeting at San Diego, CA)**

# Activities

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To date (Apr '04 – present), WORB has not reviewed any coding or documentation standards

Most recent WORB teleconference call held on 14 Apr 05

<u>Invitee</u>	<u>Participated</u>
Dr. Jerry Wegiel, AFWA	Yes
Dr. Geoff DiMego, NCEP	Yes
Mr. Roger Stocker, FNMOC	No

# Status

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**New requirement identified and documented: WORB recommended PC charge WRF DTC with**

- a) responsibility to establish, sustain and maintain unified set of WRF reference codes and documentation;**
- b) provide PC with cost estimate for level of effort (estimated at ~2.0 FTE, annually); recommend cost sharing approach**
- c) formulate integrated suite of tests for operational and research communities; and**
- d) become primary test facility for unified reference baseline**

# **Final WORB Recommendations to ExOB:**

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- 1. Validate requirement**
- 2. Identify resources (predicated on 1. above) for DTC to begin fulfilling new requirement beginning in FY06**