

1. Agenda: WRF ExOB Meeting 2005-2

11 August 2005 (4th ExOB Meeting)

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| 1. | Welcoming Remarks and Introduction (Col. J. Lanicci, AFWA Commander) | 8:30 – 8:45 am |
| 2. | AFWA Command Briefing (Capt B. Alexander, AFWA Cloud Models Chief) | 8:45 – 9:00 am |
| 3. | AFWA – WRF Status (Mr. C. Finnigsmier, AFWA-WRF Program Manager) | 9:00 – 9:15 am |
| 4. | Overview – WRF Program Status (N. Seaman, Prog. Coord.) | 9:15 – 9:45 am |
| BREAK | (Place orders for lunch) | 9:45 – 10:00 am |
| 5. | DTC briefing (R. Gall, DTC Director) | 10:00 – 10:45 am |
| 6. | Status of Action Items from 1 st CY 2005 Meeting (N. Seaman, Prog. Coord.) | 10:45 – 11:15 am |
| 7. | Research Applications Board Update (N. Seaman, Prog. Coord. For Dr. Klemp,
WRF RAB Chair) | 11:15 – 11:30 am |
| 8. | Operations Requirements Board Update (Dr. J. Wegiel, WRF ORB Chair) | 11:30 – 11:45 am |
| LUNCH (Order in) | | 11:45 – 12:15 pm |
| 9. | WRF - ESMF Integration: Status & Planning; Follow-on Discussion (N. Seaman, Prog. C.) | 12:15 – 1:00 pm |
| 10. | Battlespace Environments Institute Update (R. Allard, BEI Project Manager) | 1:00 – 1:15 pm |
| 11. | Joint Numerical Testbed (N. Seaman, Prog. Coord.) | 1:15 – 1:45 pm |
| BREAK | | 1:45 – 2:00 pm |
| 12. | Executive Session (focus based on member requests)
* Definition of “community modeling”? Where are we headed? | 2:00 – 3:30 pm |
| 13. | Wrap Up and Action Item Review | 3:30 – 4:00 pm |
| 14. | Adjourn | 4:00 pm |

Backup Slides

WRF Vision

WRF is...

an inter-organizational partnership to create and sustain...

- The **next-generation mesoscale NWP modeling system** for research and operations
- A **common modeling infrastructure** that facilitates operational NWP collaboration, scientific “interoperability” and accelerates the transfer of new science from research into operations
- A **repeatable process** that continuously infuses innovations and capabilities into the community mesoscale NWP modeling system

WRF Three-phase Strategy

- **Phase 1**: **Develop and implement** WRF as the next-generation mesoscale NWP modeling system, infrastructure and process...
 - To activate inter-organizational collaborations between research and operations
 - To streamline the transfer of new science into both research and operations
- **Phase 2**: Use the WRF process and infrastructure to **sustain** the flow of new science and technology into the WRF modeling system to improve operations and to open new research opportunities
- **Phase 3**: **Extend** the WRF collaboration into other modeling areas of mutual interest—e.g., Ocean modeling, Global modeling, Diagnostic and Statistical post-processing