Meeting Minutes
Reliability Metrics Working Group

June 15, 2011 | 2–3 PM
Conference Call / Webinar

Call to Order
The meeting was called to order by the Chair, Bill Adams.

Agenda
Please see Appendix A.

Attendees
Present:
• Bill Adams, Chair
• Andrew Slone, Secretary
• Team 1 Lead
• Team 2 Lead
• Team 3 Lead
• Heide Caswell, Team 4 Lead
• Ed Pfeiffer, member
• Kevin B, member
• Donald Davies, member
• Laura Couillard, member
• John Johnson, member
• Robert Legault, member
• Gary Brownfield, member
• Greg Pieper, member
• Mark Henry, proxy to Curtis Crews, member
• Nicholas Ingman, member
• Jeff Mitchell, member
• Jessica Bian, NERC Staff
• Jim Robinson, NERC Staff
• William Mo, NERC Staff
• Orhan Yildiz, observer, EIA

Absent:
• Jerry Rust, Vice Chair & Reporting Team Lead, excused
• Curtis Crews, member, proxy - Mark Henry
• Michael Pakeltis, member, excused
• Jeff Schaller, member

NERC Antitrust Compliance Guidelines
The secretary directed the participants’ attention to the NERC Antitrust Compliance Guidelines. See Appendix B for the NERC Antitrust Guidelines.

Action Items
All action items from the May 11-12 meeting have been completed except for the update on ALR1-12 comments from RS. Jerry will update the group after the next RS meeting in July.

Meeting Minutes
The RMWG approved the May 11-12 minutes.
Liaison Reports

CEA – Jeff Schaller
No report.

Transmission Forum – Heide Caswell
RS – Jerry Rust
Jerry reported that there has not been a meeting of RS since the last RMWG meeting. Jerry will update the group in July after the next RS meeting.

EAWG – John Johnson
John reported that EAWG is currently working on Phase II of its trial. There were a lot of weather events. John needs follow-up from RMWG on what RMWG needs from EAWG and vice versa (ACTION ITEM 1).

Jessica commented that consistent cause codes were needed between TADS, GADS, PRC, and the EA systems. There will be a joint team to look into the cause code problem. Two volunteers are needed from RMWG to support that team (ACTION ITEM 2).

TADSWG – Jim Robinson on behalf of Michael Pakeltis
Jim reported that TADSWG investigated EIA’s request for a 100 kV – 199 kV data request. TADSWG wants a ROP 1600 request for a similar form in TADS to current forms to enter 100 kV – 199 kV data.

Jim reported that TADSWG had no major issues with the 2011 Annual Report.

Bill asked whether planned and unplanned outages were to be included in the 100 kV – 199 kV request. Jim responded that NERC feels that planned outages should not be reported for that voltage class. Jim feels that the motion will pass in TADSWG at their next meeting, but it has not been approved presently.

TIS – Gary Brownfield
Gary reported on TIS’s PC meeting feedback. TIS is currently looking at identifying frequency standards, a possible restructure of the MOD standards, various forms of monitoring of the system, and a joint SPCS/TIS team to define special protection systems.

ERO-RAPA – Mark Henry on behalf of Curtis Crews
Mark reported on the update on Q&A for misoperations. There has been a new PRC-003 and a PRC-004 draft standard that was introduced the previous week.

Mark reported that DADs is progressing. The first set of data will be collected by Dec. 15, 2011. This will cover the period of Apr. 1, 2011 to Oct. 1, 2011.

Mark reported that the GADS 1600 data request was approved at the PC meeting. The TADS’s 100 kV-199 kV ROP 1600 request letter was approved by the PC for public comment. The purpose of the request is to allow EIA to capture more TOs in TADS reporting.

OC/PC Meeting Briefing – Bill Adams

Feedback on Annual Report
Bill informed RMWG that there have been a few conference calls with the OC and PC chairs to discuss the 2011 Annual Report. They worked on how to do a transition from the RMWG report to a “state of reliability” report. The current RMWG report is not just an RMWG report and requires a lead-in to show collaboration from other groups. Mark Lauby, NERC Staff, volunteered to unite the introduction with the transition.
Heide asked if RMWG should work to own the whole report or if it should be more collaborative. The consensus was that the report should be collaborative, and Mark Lauby, NERC Staff, volunteered to write a roadmap for how that transition should take place.

Feedback on IRI Concepts Whitepaper
The IRI Concepts whitepaper was approved to post for public comment by the PC.

Feedback on IRI Workshop
The IRI Workshop will be finalized when the IRI whitepaper is posted for public comment.

ALR1-5 Voluntary Data Request – Robert Legault
A letter has been sent to all TOs identified as having a critical bus. A summary list of critical busses was presented. An assignment list of RMWG members will be sent. (ACTION ITEM 3)

Remaining Tasks for the 2011 Annual Report
1. Rework introductions
2. Develop a new Executive Summary by Friday (ACTION ITEM 4)
3. Respond to comments for 2011 Annual Report (All are due from PC/OC by June 30th) (ACTION ITEM 5)

Next Steps for IRI Whitepaper – Heide Caswell
RMWG Team 4 received comments from the OC on the whitepaper and is in the process of addressing them. More work is required on the CDI and SDI before they will be ready for inclusion in the IRI.

Plan for IRI Workshop – Jessica Bian
The IRI workshop will be held on July 28th in Atlanta, GA from 1pm-5pm. It will coincide with the ALRTF meeting on the afternoon of the 27th and the morning of the 28th, so members of the ALRTF may learn about the IRI. Also, there will be an additional IRI webinar after the IRI workshop for those who could not attend. An update will be provided at the next RMWG scheduled call to inform the group of the workshop results.

Future Meetings
The next meeting will be an August 17, 2011 conference call. The next face-to-face meeting will be on Nov 2-3, 2011 at the NWPP Office, Portland, OR.

Adjourn
The meeting was adjourned by the Chair, Bill Adams, at 3PM.

Action Items

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<th>Table 1: Action Items</th>
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<tbody>
<tr>
<td>Action Item</td>
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<tr>
<td>1. Follow-up on what RMWG/EAWG need from each other.</td>
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<td>2. Two volunteers needed for Common Cause Code Team</td>
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<td>3. Send Assignment List of ALR1-5 contacts to RMWG</td>
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<td>4. Annual Report: Develop a new Executive Summary by Friday</td>
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<td>5. Annual Report: Respond to Comments</td>
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Appendix A: Agenda

1. Conference Call Roll Call – Andy Slone
3. Chair’s Remarks – Bill Adams
4. Review/Approval of May Meeting Minutes – Andy Slone
5. Liaison Reports
   a. CEA - Jeff Schaller
   b. Transmission Forum – Heide Caswell
   c. RS – Jerry Rust
   d. EAWG - John Johnson
   e. TADSWG - Michael Pakeltis
   f. TIS - Gary Brownfield
   g. ERO-RAPA - Curtis Crews
6. OC/PC meeting briefing – Bill Adams
   a. Feedback on annual report
   b. Feedback on IRI concepts whitepaper
   c. IRI workshop
7. ALR1-5 Voluntary Data Collection
8. Remaining Tasks for the annual report – Jerry Rust
9. Next step on IRI whitepaper – Heide Caswell