SGIP Governing Board
May 2011 Governing Board Meeting

John McDonald
SGIP Governing Board Chair
May 12, 2011
CALL TO ORDER

• John McDonald, SGiP Governing Board Chair
SGIP Governing Board Chair Start Business

- John McDonald
- Establish Quorum
- Approval of Agenda (Consent Agenda)
- Approval of March 29, 2011 Meeting Minutes

5/12/2011
# Governing Board Members

<table>
<thead>
<tr>
<th>Category</th>
<th>Member</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category 1</td>
<td>Brian Markwalter</td>
<td>Consumer Electronics Association</td>
</tr>
<tr>
<td>Category 2</td>
<td>Tariq Samad</td>
<td>Honeywell</td>
</tr>
<tr>
<td>Category 3</td>
<td>Todd Ryting</td>
<td>Panasonic Electric Works Laboratory of America</td>
</tr>
<tr>
<td>Category 4</td>
<td>Rich Scholer</td>
<td>Ford Motor Company</td>
</tr>
<tr>
<td>Category 5</td>
<td>George Bjelovuk</td>
<td>American Electric Power</td>
</tr>
<tr>
<td>Category 6</td>
<td>Stephen Muchlinski</td>
<td>Tacoma Public Utilities</td>
</tr>
<tr>
<td>Category 7</td>
<td>Bob Saint</td>
<td>National Rural Electric Cooperative Association (NRECA)</td>
</tr>
<tr>
<td>Category 8</td>
<td>Chuck Shih</td>
<td>Edge Holdings LLC</td>
</tr>
<tr>
<td>Category 9</td>
<td>Kenneth Van Meter</td>
<td>Lockheed Martin’s Energy Solutions</td>
</tr>
<tr>
<td>Category 10</td>
<td>Matthew Theall</td>
<td>HomeGrid Forum</td>
</tr>
<tr>
<td>Category 11</td>
<td>Vint Cerf</td>
<td>Google, Inc.</td>
</tr>
<tr>
<td>Category 12</td>
<td>Robby Simpson</td>
<td>GE Energy</td>
</tr>
<tr>
<td>Category 13</td>
<td>Wayne Longcore</td>
<td>Consumers Energy</td>
</tr>
<tr>
<td>Category 14</td>
<td>Mladen Kezunovic</td>
<td>Texas A&amp;M University</td>
</tr>
<tr>
<td>Category 15</td>
<td>Perry Pederson</td>
<td>U.S. Nuclear Regulatory Commission (NRC)</td>
</tr>
<tr>
<td>Category 16</td>
<td>John Nunneley</td>
<td>SunSpec Alliance</td>
</tr>
<tr>
<td>Category 17</td>
<td>Brent Hodges</td>
<td>Reliant Energy</td>
</tr>
<tr>
<td>Category 18</td>
<td>John Caskey</td>
<td>National Electrical Manufacturers Assoc. (NEMA)</td>
</tr>
<tr>
<td>Category 19</td>
<td>Paul Centolella</td>
<td>Public Utility Commission of Ohio</td>
</tr>
<tr>
<td>Category 20</td>
<td>Rik Drummond</td>
<td>Drummond Group Inc.</td>
</tr>
<tr>
<td>Category 22</td>
<td>Scott Ungerer</td>
<td>EnerTech Capital</td>
</tr>
<tr>
<td>Category 23</td>
<td>John McDonald</td>
<td>GE Energy</td>
</tr>
<tr>
<td>Category 23</td>
<td>Paul De Martini</td>
<td>Cisco</td>
</tr>
<tr>
<td>Category 23</td>
<td>Mark McGranaghan</td>
<td>Electric Power Research Institute</td>
</tr>
</tbody>
</table>
## Other Invitees

<table>
<thead>
<tr>
<th>Role</th>
<th>Member</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plenary Chair</td>
<td>Steve Widergren</td>
<td>Pacific Northwest National Laboratory</td>
</tr>
<tr>
<td>Plenary Vice Chair</td>
<td>Mark Klerer</td>
<td>QualComm</td>
</tr>
<tr>
<td>Plenary Secretary</td>
<td>Paul Mollerstuen</td>
<td>Tendril</td>
</tr>
<tr>
<td>Ex-officio</td>
<td>George Arnold</td>
<td>NIST</td>
</tr>
<tr>
<td>Ex-officio</td>
<td>Dean Prochaska</td>
<td>NIST</td>
</tr>
<tr>
<td>Ex-officio</td>
<td>Paul Boynton</td>
<td>NIST</td>
</tr>
<tr>
<td>Ex-officio</td>
<td>Al Hefner</td>
<td>NIST</td>
</tr>
<tr>
<td>Ex-officio</td>
<td>Tom Nelson</td>
<td>NIST</td>
</tr>
<tr>
<td>Ex-officio</td>
<td>Cuong Nguyen</td>
<td>NIST</td>
</tr>
<tr>
<td>Ex-officio</td>
<td>Maryanne Swanson</td>
<td>NIST</td>
</tr>
<tr>
<td>Ex-officio</td>
<td>Dave Wollman</td>
<td>NIST</td>
</tr>
<tr>
<td>Ex-officio</td>
<td>Ray Palmer</td>
<td>FERC</td>
</tr>
<tr>
<td>Ex-officio</td>
<td>Chris Irwin</td>
<td>DOE</td>
</tr>
<tr>
<td>Ex-officio</td>
<td>Erich Gunther</td>
<td>EnerNex / Administrator</td>
</tr>
<tr>
<td>Ex-officio</td>
<td>Stuart McCafferty</td>
<td>EnerNex / Administrator</td>
</tr>
</tbody>
</table>
## TODAY’S AGENDA

<table>
<thead>
<tr>
<th>Time</th>
<th>Discussion</th>
<th>Presenter/Facilitator</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00-1:15</td>
<td>Call to Order</td>
<td>John McDonald</td>
</tr>
<tr>
<td></td>
<td>Establish Quorum</td>
<td>George Bjelovuk</td>
</tr>
<tr>
<td></td>
<td>Approval of Agenda</td>
<td>John McDonald</td>
</tr>
<tr>
<td></td>
<td>Approval of March 29 Minutes</td>
<td>John McDonald</td>
</tr>
<tr>
<td>1:15-1:40</td>
<td>NIST Update</td>
<td>George Arnold</td>
</tr>
<tr>
<td>1:40-2:10</td>
<td>PAP18/ZigBee/HAN Standards</td>
<td>Robby Simpson</td>
</tr>
<tr>
<td>2:10-2:25</td>
<td>PMO PAP Internal Assessment</td>
<td>Wayne Longcore</td>
</tr>
<tr>
<td>2:25-2:55</td>
<td>International</td>
<td>Mark McGranaghan</td>
</tr>
<tr>
<td>2:55-3:25</td>
<td>FERC Filing Comments</td>
<td>Paul De Martini</td>
</tr>
<tr>
<td>3:25-3:40</td>
<td>SGIP Update</td>
<td>Steve Widergren</td>
</tr>
<tr>
<td>3:40-4:00</td>
<td>Other Business</td>
<td>John McDonald</td>
</tr>
<tr>
<td></td>
<td>Closing Remarks</td>
<td>John McDonald</td>
</tr>
<tr>
<td>4:00</td>
<td>Adjournment</td>
<td></td>
</tr>
</tbody>
</table>
NIST UPDATE

George Arnold
May 12, 2011
TOPICS

• Observations about responses to FERC Technical Conference

• NIST Framework (SP 1108) Update

• International Cooperation

• NSTC Smart Grid Subcommittee
PAP 18/ZIGBEE/HAN STANDARDS

Robby Simpson
May 12, 2011
**The Problem**

- PAP18 created to address SEP 1.x to SEP 2.0 transition and coexistence
- Likely not the last occurrence of standards migration where backwards compatibility is not feasible, particularly when moving to Internet Protocol-based standards
- NARUC comment to FERC:
  “Since the standards are being deployed simultaneous to and in some cases subsequent to smart meter roll outs and other smart grid investments, it is essential that new standards provide backward compatibility, or at least a bridge standard to ensure interoperability and avoid disadvantaging early adopters.”
BACKGROUND – SEP 1.x

• Smart Energy Profile 1.x
  – 1.x used to refer to version 1 family (1.0, 1.1, etc.)
  – Started in 2006, first release (1.0) in 2008
  – Based on the existing ZigBee PRO stack, a binary protocol unique to the ZigBee Alliance for networking over IEEE 802.15.4
  – Uses Elliptic Curve Cryptography (ECC) from a single supplier
  – > 100 Certified Products
  – Some early AMI and SGIG deployments enable HAN through the use of SEP 1.0
BACKGROUND – SEP 2.0

• Smart Energy Profile 2.0
  – Started in 2009 as a liaison between the ZigBee Alliance and HomePlug Powerline Alliance
  – Key Additions:
    • Support for multiple MAC/PHYs
    • Support for international standards from IEEE, IETF, IEC, and W3C (in effect, standards integration, testing, and certification)
    • Support for multiple security providers and suites
    • Additional requirements from OpenHAN
  – Not backwards compatible with SEP 1.x
  – Still under development
Bigger Picture

• PAP18 should strive to address transition and coexistence both from a business and policy as well as a technical perspective

• PAP18 will be setting the stage for future migrations that may occur with other standards

• Encourage PAP to think generically, then apply specifically
PAP18 Status

- Registration for mailing list now open
- First meetings have been scheduled
- Leads:
  - Utility & Energy Services: Larry Kohrmann (Oncor)
  - NIST: Nada Golmie
  - Administrator Technical Champion: Anna Grau
  - SGAC Liaison: Jeremy McDonald (SCE)
  - CSWG Liaison: Dave Dalva (Cisco)
  - SDO Lead: Tobin Richardson (ZigBee Alliance)
  - H2G Representative: Ken Wacks, Kosta Tolios (DTE Energy)
  - Regulators: Paul Centolella (Ohio PUC)
PAP18 Outputs

• Options to consider:
  – Remote upgrade of firmware
  – On-site upgrade of firmware
  – Coexistence with a gateway
  – Device replacement
  – Communication module replacement

• White paper summarizing key issues and making recommendations

• Requirements document that will be submitted to the appropriate SSO (in this case, the ZigBee Alliance)
ADDITIONAL ISSUES OUTSIDE OF THE PAP

• PAP18 has been scoped to not address whether deployments *should be* SEP 1.x or SEP 2.0

• PAP18, and/or other migrations in the future, may need to face the reality that some devices are not going to be upgradeable.

• Many deployments concerned could be considered ‘early adopters’
  – Careful balance between not discouraging early adoption and not constraining the future
QUESTIONS?
PMO PAP INTERNAL ASSESSMENT

Wayne Longcore
SGIPGB PMO Representative
May 12, 2011
GB REQUEST FOR PAP PROGRESS DETAILS

• Which PAPs are “stuck in the mud”?  
• Which PAPs are not getting multi-stakeholder support?  
• Since many of these PAPs were created prior to the PAP Lifecycle, do we have the proper objectives and scope?  
• What can the Governing Board do to provide strategic guidance and leadership to move these PAPs along?
## SLOWER PAPs

<table>
<thead>
<tr>
<th>PAP</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAP 3 - Common Price Communication Model</td>
<td>EMIX Standard in review at OASIS</td>
</tr>
<tr>
<td>PAP 4 - Common Scheduling Mechanism</td>
<td>WS-Calendar Standard in review at OASIS</td>
</tr>
<tr>
<td>PAP 6 - Common Semantic Model for Meter Data Tables</td>
<td>PAP team Developing requirements</td>
</tr>
<tr>
<td>PAP 7 - Electric Storage Interconnection Guidelines</td>
<td>IEC receiving additional input for 61850-90-7 from EPRI and European manufacturers IEEE 1547.8 first draft complete and ready for review UL 1741 storage safety standard requirements not started (dependency issue)</td>
</tr>
<tr>
<td>PAP 8 - CIM for Distribution Grid Management</td>
<td>Scope was refined, IEC requirements handoff occurred in December, expect handback in July</td>
</tr>
<tr>
<td>PAP 9 - Standard DR and DER Signals</td>
<td>Energy Interop Standard in review at OASIS</td>
</tr>
<tr>
<td>PAP 12 - IEC 61850 Objects/DNP3 Mapping</td>
<td>IEEE 1815 completed and in SGIP review queue 61850-80-2 new work item to be proposed to IEC in Nov</td>
</tr>
<tr>
<td>PAP 13 - Time Synchronization, IEC 61850 Objects/IEEE C37.118 Harmonization</td>
<td>Draft IEC 61850-90-5 out for IEC approval</td>
</tr>
<tr>
<td>PAP 14 - Transmission and Distribution Power Systems Model Mapping</td>
<td>Developing use cases for IEC 61850, CIM and IEEE C37.239</td>
</tr>
<tr>
<td>PAP 15 - Harmonize PLC Standards for Appliance Communications</td>
<td>Broadband coexistence standards in SGIP review queue Requirements for narrowband standards at IEEE and ITU</td>
</tr>
</tbody>
</table>
**BOTTLENECKS AND SLOWNESS CONTRIBUTORS***

- Broad scope – resolved in PAP 8 and 14
- International standards process – streamlining process in place with IEC SG3
- Too few “experts” – PAP 6, 12, 13
- SGIP reviews – many standards in review queues
- Lack of participation by key stakeholder communities making requirements development and draft reviews difficult – PAP 3, 4, 9

*Most PAPs making progress and standards are rolling out of almost all of them*
**WHAT CAN GOVERNING BOARD DO?**

- Encourage key stakeholder communities to participate
- Review PMO monthly reports for status information
- Remember that Wayne is PMO representative for the Board; feel free to ask questions
- Meet to discuss which PAPs may need help
- Possibly set up committee to regularly review PAP status
  - Meet at all F2F
Questions?
Mark McGranaghan
May 12, 2011
INTERNATIONAL UPDATE

• Korea
  – Draft Letter of Intent with Korean Smart Grid Standards Forum
  – Contact Person at KSGSF – DS Park
  – Submitted for approval by SGIPGB

• Europe - ETSI
  – Joint Working Group for Smart Grid Standards (ETSI, CEN, CENELEC)
  – Draft Letter of Intent developed internally
  – Initial review with a few members of Joint Working Group before official exchange

• Japan – NEDO
  – Letter not drafted yet

• China
  – Discussions
Topics Included in Letter of Intent

- **Smart Grid Architecture and Conceptual Model**
  - Sharing of conceptual models
  - Model domains and definitions
  - Services that are assumed in the conceptual model
  - Stakeholders and roles in the model

- **Sharing of Use Cases (Application Descriptions)**
  - Applications that may be unique or different in Korean systems (internet-based customer interfaces, in-hand displays, services from transformer to customer, distribution automation for reliability, etc.)
  - Interfaces for interoperability
  - Requirements for these interfaces between different systems, stakeholders, actors, etc.

- **Cyber Security Requirements and Technologies**
  - Requirements derived from use cases
  - Risk assessments
  - Technologies for security solutions

- **Testing and Certification of Smart Grid interoperability standards compliance**
  - Testing and certification approaches
  - Facilities for testing and certification
  - Testing and certification programs
**Example Activities for Cooperation**

- **Information Sharing**
  - Documents
  - Feedback
  - Document significant points of difference in standards and technologies (Tariq)

- **Conference and Meeting Participation**
  - SGIP
  - GridWeek
  - International Conferences (Korea Smart Grid Week)

- **Joint Workshops**
  - As appropriate

- **Joint Committee to Oversee Collaboration**
  - Representation from both organizations
  - Prioritize specific areas for collaboration
  - Identify and schedule specific activities
  - Track progress
FERC FILING COMMENTS

Paul De Martini
May 12, 2011
SGIP PLENARY CHAIR STATUS UPDATE

Steve Widergren
Plenary Chair
May 12, 2011
SGIP MEMBERSHIP AS OF 05.04.11

- Total # of Member Organizations: 672
  - # of Participating Member Organizations: 340
  - # of Observing Member Organizations: 332
  - # of Organizations who joined in March & April: 13
- Total # of Individual Members*: 1,742

# of Organizations by Country
- USA: 599
- Europe: 21
- Asia: 17
- Oceania: 4
- North America (non-US): 29
- South America: 1
- Africa: 1

Participating Member Organizations by Declared Stakeholder Category

Stakeholder Categories 5/12/2011

* Omits non-active Signatory Authorities.
SGIP MEMBERSHIP AS OF 05.04.11

• Total # of Participating Member Organizations that could have Voting Rights: 340

• Of these...
  – # of Organizations currently in “Good Standing” with Voting Rights: 222
  – # of Organizations that “Abstain” from Voting: 5
  – # of Organizations that are new and need their “Rights Activated” to Vote: 31
  – # of Organizations that currently need their “Rights Restored” to Vote: 82

• How To Have “Rights Activated” or “Rights Restored”
• Voting Rights are activated once a Participating Member Organization has one of its Member Representatives attend two consecutive Plenary meetings (face to face and/or web based).
ACCOMPLISHMENTS

• Initiated PAP 18 – SEP 1.x to 2 Transition and Coexistence
• Standards efforts confirmed completed by GB
  – NEMA Meter Upgradability Standard (PAP 0)
  – Wireless Guidelines NISTIR (PAP 2)
• Upcoming standards for confirmation
  – AEIC Guidelines for Meter Interoperability (PAP 5)
  – OASIS WS-Calendar (PAP 4)
  – IEEE 1815 DNP Protocol (PAP 12)
  – IEEE & ITU-T G9972 Coexistence of Broadband PLC (PAP 15)
• Catalog of Standards process review & vote by GB
• SGIP branded document format and process
• Bringing visibility to DEWG efforts
• Montreal and Grid-Interop event planning
• Letter of Intent with ETSI drafted
ISSUES/CONCERNS BEING WORKED

• Catalog of Standards messaging
• Market adoption
  – Communication of interoperability work product availability (standards, guides, etc.)
  – Implementation testimonials and other evidence of adoption
  – Maturation toward interoperability testing
• Treatment of reliability and safety issues being explored
• Voting participation
  – Quorums reached in recent elections
  – Slight rise in organizations in “good standing”
  – Transition of organizations to observer status if inactive 6 months after relinquishing voting privileges
• NIST Framework Document v2 input
  – Committees and working groups reviewing and providing input for this next version
• Renewables and storage issues being explored
## 2011 Plenary Meeting Schedule

<table>
<thead>
<tr>
<th>Month</th>
<th>Date</th>
<th>Time</th>
<th>Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>May</td>
<td>26</td>
<td>1 – 3 p.m.</td>
<td>Virtual Meeting/Conf. Call hosted @ ConnectivityWeek</td>
</tr>
<tr>
<td>Jun</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jul</td>
<td>12-14</td>
<td>All Day</td>
<td>F2F: Montreal – International theme</td>
</tr>
<tr>
<td>Aug</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sep*</td>
<td>16</td>
<td>1 – 3 p.m.</td>
<td>Virtual Meeting/Conf. Call</td>
</tr>
<tr>
<td>Oct</td>
<td></td>
<td></td>
<td>(no plans for full SGIP F2F working meeting in Sep/Oct)</td>
</tr>
<tr>
<td>Nov</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dec</td>
<td>5-8</td>
<td>All Day</td>
<td>F2F: Grid-Interop, Phoenix</td>
</tr>
</tbody>
</table>

* Note meeting date changed as meeting not held in conjunction with GridWeek
Montreal Face-to-Face

• Particulars
  – July 12th through 14th
  – Le Centre Sheraton Montreal, Quebec, Canada
  – Registration open, via SGIP twiki

• Theme: Common International Smart Grid Standards
  – Typical working meeting, with additional focus on international outreach
  – Identified ten to fifteen national / international organizations that coordinate Smart Grid in their respective regions
  – Reaching out to those organizations to participate in Montreal meetings:
    • Panel sessions for overview of Smart Grid in respective regions / countries
    • Focused sessions for individual regions / countries

• Sponsorship
  – Seeking additional sponsorship participation, due to increased costs with international venue. Hoping that Officers / GB members can assist in recruiting sponsors.

• Governing Board Meeting
  – Proposing to split meeting into Monday evening session (with dinner), Tuesday morning session: Monday 6p to 9:30p, Tuesday 8a to 11:30a

5/12/2011
CATALOG OF STANDARDS

- Comments received by SGIP and GB members summarized with recommended resolution
- GB vote
- Planning underway for evaluation of previously identified standards
SGIP DOCUMENT BRANDING

• Plenary Secretary Function
  – Tracking and logging of SGIP work products
  – Control over the mark
• Sources
  – SGIP Leadership, including
    • Deliverables from SGIP Officers
    • SGIP Standing Committees
    • SGIP Working Groups
      – Domain Expert Working Groups
      – Priority Action Plan Working Groups
  – SGIP Governing Board, including
    • Deliverables from GB Officers
    • GB sub-committees
• Essential Elements
  – Formatting & Style
  – Disclaimers
    • “THIS IS NOT A NIST DOCUMENT”
  – Maintenance Instructions
  – Revision History
  – Citation Instructions

10/14/2010
STANDING COMMITTEES

• Architecture Committee
  – ETSI meeting April 7 in France for architecture harmonization
  – Working with IETF and IEC on architecture workshops
  – Conceptual Architecture v1 document and a “How to Use” guide in progress
  – Semantic Modeling white paper in progress
  – SGAC session at ConnectivityWeek

• Testing & Certification Committee
  – 2011 Roadmap released
  – Priority test program being identified
  – Preparation of TCC outreach materials targeted for May completion
  – SGTCC session at Connectivity Week
  – Need incentive for Interoperability Test & Certification Authorities to adopt TCC evaluation recommendations

• Cybersecurity Working Group
  – Privacy Subgroup developing a “Leading Practices” document on 3rd party data sharing
  – Draft CSWG 3 Year Plan Posted
  – Draft Chapter 6 of the Framework Document Posted
  – Upcoming outreach sessions with Minnesota PUC/Univ. of Minn., Colorado PUC
  – Participating in Cybersecurity track at ConnectivityWeek

10/14/2010
**Domain Expert Working Groups**

- **H2G**:  
  - Appliance interface specification being coordinated  
  - Developing installation guide for EMC protection in premises

- **B2G**:  
  - Energy services interface (ESI) requirements  
  - Weather data exchange needs

- **I2G**:  
  - Coordinating with B2G on ESI  
  - Developing whitepaper on I2G gaps

- **V2G**:  
  - Addressing fast charging PAP proposal

- **BnP**:  
  - Appliance Integration WG reviewing value of demand response from all residential elements  
  - Monitoring NAESB efforts to create “3rd Party Data Access” standard

- **TnD**:  
  - Reviewing use case prioritization tool for T&D models  
  - Reviewing B2G/I2G weather data exchange whitepaper

5/12/2011
QUESTIONS

Steve Widergren
# Agenda Conclusion

<table>
<thead>
<tr>
<th>Time</th>
<th>Discussion</th>
<th>Presenter/Facilitator</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00-1:15</td>
<td>Call to Order&lt;br&gt;Establish Quorum&lt;br&gt;Approval of Agenda&lt;br&gt;Approval of March 29 Minutes</td>
<td>John McDonald&lt;br&gt;George Bjelovuk&lt;br&gt;John McDonald&lt;br&gt;John McDonald</td>
</tr>
<tr>
<td>1:15-1:40</td>
<td>NIST Update</td>
<td>George Arnold</td>
</tr>
<tr>
<td>1:40-2:10</td>
<td>PAP18/ZigBee/HAN Standards</td>
<td>Robby Simpson</td>
</tr>
<tr>
<td>2:10-2:25</td>
<td>PMO PAP Internal Assessment</td>
<td>Wayne Longcore</td>
</tr>
<tr>
<td>2:25-2:55</td>
<td>International</td>
<td>Mark McGranaghan</td>
</tr>
<tr>
<td>2:55-3:25</td>
<td>FERC Filing Comments</td>
<td>Paul De Martini</td>
</tr>
<tr>
<td>3:25-3:40</td>
<td>SGIP Update</td>
<td>Steve Widergren</td>
</tr>
<tr>
<td>3:40-4:00</td>
<td>Other Business:&lt;br&gt;• Proposed Charter Change 1&lt;br&gt;• Proposed Charter Change 3</td>
<td>John McDonald&lt;br&gt;John McDonald</td>
</tr>
<tr>
<td>4:00</td>
<td>Adjournment</td>
<td></td>
</tr>
</tbody>
</table>

5/12/2011