**ATTENDEES**

<table>
<thead>
<tr>
<th>Attendee Name</th>
<th>Company/Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ralph Boaz, Pillar Consulting *</td>
<td>Ron Johnson, Intelight</td>
</tr>
<tr>
<td>Jim Rose, Econolite (for Gary Duncan *)</td>
<td>Bill Brownlow, AASHTO</td>
</tr>
<tr>
<td>Peter Shuttleworth, Econolite</td>
<td>Peter Skweres, MnDOT</td>
</tr>
<tr>
<td>Bob Rausch, TransCore *</td>
<td>Ray Deer, Peek Traffic</td>
</tr>
<tr>
<td>Robin Harrison, Peek *</td>
<td>Craig Gardner, Intelight</td>
</tr>
<tr>
<td>George Chen, LADOT *</td>
<td>Doug Crawford, Intelight</td>
</tr>
<tr>
<td>James Kinnard, Adaptive Solutions</td>
<td>Doug Spencer, ODOT</td>
</tr>
<tr>
<td>Douglas Tarico, McCain *</td>
<td>Guillermo Ramos, NYSDOT</td>
</tr>
<tr>
<td>Herasmo Iniguez, Caltrans *</td>
<td>Siva Narla, ITE</td>
</tr>
<tr>
<td>Mike Gallagher, Intelight *</td>
<td>Joe Palsa, Clary Corp.</td>
</tr>
<tr>
<td>Clyde Neel, Naztec *</td>
<td>Blake Christie, Noblis</td>
</tr>
<tr>
<td>Dave Miller, Siemens *</td>
<td>Ken MacLeod, Naztec</td>
</tr>
<tr>
<td>Gary Duncan, Econolite *</td>
<td>Jon Wyatt, IDI</td>
</tr>
<tr>
<td></td>
<td>Allen Judkiewicz, Noblis</td>
</tr>
<tr>
<td></td>
<td>Mohamed Talas, NYC DOT *</td>
</tr>
<tr>
<td></td>
<td>Peter Ragsdale, Self *</td>
</tr>
<tr>
<td></td>
<td>John Thai, City of Anaheim *</td>
</tr>
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**VOTING MEMBERS AND RECENT ATTENDEES NOT PRESENT**

<table>
<thead>
<tr>
<th>Attendee Name</th>
<th>Company/Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ron Johnson</td>
<td>Intelight</td>
</tr>
<tr>
<td>Bill Brownlow</td>
<td>AASHTO</td>
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<td>Doug Spencer</td>
<td>ODOT</td>
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<td>Guillermo Ramos</td>
<td>NYSDOT</td>
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<td>Siva Narla</td>
<td>ITE</td>
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<tr>
<td>Joe Palsa</td>
<td>Clary Corp.</td>
</tr>
<tr>
<td>Blake Christie</td>
<td>Noblis</td>
</tr>
<tr>
<td>Ken MacLeod</td>
<td>Naztec</td>
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<td>Noblis</td>
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<td>Mohamed Talas</td>
<td>NYC DOT</td>
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<td>Peter Ragsdale</td>
<td>Self</td>
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<td>John Thai</td>
<td>City of Anaheim</td>
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**VOTING SUMMARY**

<table>
<thead>
<tr>
<th>Voting Member</th>
<th>#1</th>
<th>#2</th>
<th>#3</th>
<th>#4</th>
<th>#5</th>
<th>#6</th>
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<tbody>
<tr>
<td>Ralph Boaz</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>George Chen</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bob Rausch</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Douglas Tarico</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td></td>
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<tr>
<td>Mike Gallagher</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td></td>
<td></td>
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<tr>
<td>Robin Harrison</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Herasmo Iniguez</td>
<td>Y</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dave Miller</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Clyde Neel</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td></td>
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<tr>
<td>Jim Rose</td>
<td>Y</td>
<td></td>
<td></td>
<td>Y</td>
<td></td>
<td></td>
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<tr>
<td>Gary Duncan</td>
<td>N/A</td>
<td>Y</td>
<td>Y</td>
<td></td>
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</tr>
</tbody>
</table>

**TOTALS (YES/NO/ABSTAIN)**

|                  | 10/0/0 | 10/0/0 | 10/0/0 | 6/0/0 | 6/0/0 | 6/0/0 |

[* indicates a voting member of the Working Group.]
[Action items are assigned using the form "[ACTION: LASTNAME]."]
[Motions voted on formally by the working group are identified by "MOTION #".]

**GENERAL**

- Gary Duncan chaired the meeting.
- Introductions led by Ralph Boaz with 10 of 13 voting members present. Total present 13.
- SDO meeting conduct guidance read by Ralph Boaz.
DISCUSSION

- Continued with discussion from previous meeting concerning the minimum configuration.
  - **MOTION #1** to accept the table as amended to make C13S optional and combine the three part Ethernet port items into a single item. Motion made by Jim Rose. Seconded by Robin Harrison. Motion Passed [10/0/0].

<table>
<thead>
<tr>
<th>Minimum Components</th>
<th>Rack</th>
<th>Shelf</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTIVE LED for CPU</td>
<td>Front</td>
<td>Front</td>
</tr>
<tr>
<td>Ethernet Port 2</td>
<td>Front or Back</td>
<td>Front, Back or Side</td>
</tr>
<tr>
<td>- “100” LED (illuminated linked at 100 Mbps, extinguished at all other times)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- “ACTIVE” LED (displays Tx and Rx activity)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- RJ-45 connector (Network Connection)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethernet Port 3</td>
<td>Front or Back</td>
<td>Front, Back or Side</td>
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<tr>
<td>- “100” LED (illuminated linked at 100 Mbps, extinguished at all other times)</td>
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<td></td>
</tr>
<tr>
<td>- “ACTIVE” LED (displays Tx and Rx activity)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- RJ-45 connector (Network Diagnostics)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethernet Port 6</td>
<td>Front or Back</td>
<td>Front, Back or Side</td>
</tr>
<tr>
<td>- “100” LED (illuminated linked at 100 Mbps, extinguished at all other times)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- “ACTIVE” LED (displays Tx and Rx activity)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- RJ-45 connector (Controller Diagnostics)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethernet Port 7</td>
<td>Front or Back</td>
<td>Front, Back or Side</td>
</tr>
<tr>
<td>- “100” LED (illuminated linked at 100 Mbps, extinguished at all other times)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- “ACTIVE” LED (displays Tx and Rx activity)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- RJ-45 connector (Controller Expansion)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power Supply Overcurrent Device</td>
<td>Front or Back</td>
<td>Front, Back or Side</td>
</tr>
<tr>
<td>Serial User Interface to Console (C50S or C50J)</td>
<td>Front</td>
<td>Front</td>
</tr>
<tr>
<td>Front Panel User Interface (C60P or Keyboard, LCD, Bell)</td>
<td>Front</td>
<td>Front</td>
</tr>
<tr>
<td>USB Port A</td>
<td>Front or Back</td>
<td>Front</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Optional Components</th>
<th>Rack</th>
<th>Shelf</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aux Switch (only supplied with Keyboard, LCD, Bell)</td>
<td>Front</td>
<td>Front</td>
</tr>
<tr>
<td>Serial I/O C13S</td>
<td>Front or Back</td>
<td>Front, Back or Side</td>
</tr>
<tr>
<td>Communications Slot 1 with Ethernet Port 4</td>
<td>Front or Back</td>
<td>Front, Back or Side</td>
</tr>
<tr>
<td>Communications Slot 2 with Ethernet Port 8</td>
<td>Front or Back</td>
<td>Front, Back or Side</td>
</tr>
<tr>
<td>Data Key</td>
<td>Front or Back</td>
<td>Front, Back or Side</td>
</tr>
<tr>
<td>Parallel I/O C11S</td>
<td>Back</td>
<td>Front, Back or Side</td>
</tr>
<tr>
<td>Parallel I/O C12S</td>
<td>Back</td>
<td>Front, Back or Side</td>
</tr>
<tr>
<td>Parallel I/O C1S</td>
<td>Back</td>
<td>Front, Back or Side</td>
</tr>
<tr>
<td>Parallel I/O MSA, MSB, MSC and MSD connectors</td>
<td>Front</td>
<td>Front</td>
</tr>
<tr>
<td>Power Indicator LED for each DC Power Source</td>
<td>Front or Back</td>
<td>Front, Back or Side</td>
</tr>
<tr>
<td>Power Switch</td>
<td>Front or Back</td>
<td>Front, Back or Side</td>
</tr>
<tr>
<td>Serial I/O NEMA Port 1</td>
<td>Front or Back</td>
<td>Front</td>
</tr>
<tr>
<td>NEMA TS 2 Type 1 MSA Power Connector</td>
<td>Front or Back</td>
<td>Front</td>
</tr>
</tbody>
</table>

- Discussed various serial port related comments and issues. Those that apply are Comments 1-30, 1-31, 1-32, 1-34, 1-36, and 4-5.
• Comment 1-30. In the Controller WG Teleconference 05/30/13, the WG voted on “dropping” support for HDLC, SDLC and all synchronous communications from ports SP1 and SP2. The word “dropping” was ambiguous. After much discussion, it was decided by the WG that all synchronous support on SP1 should be optional within the standard. James Kinnard captured wording.
  – MOTION #2 to accept changes as described. Motion made by Gary Duncan. Seconded by Clyde Neel. Motion Passed [10,0,0].
• Comment 1-31. Same verbiage to be used in Comment 1-31 as in Comment 1-30.
  – MOTION #3 to accept changes as described. Motion made by Gary Duncan. Seconded by Ralph Boaz. Motion Passed [10,0,0].
• Comments 1-32, 1-34 and 1-36 need further discussion.
• Ralph Boaz commented that within the next 30 days we will be changing from the current ATC distribution list to something else. This will affect all of the ATC subgroups.
• Gary Duncan stated that the second comment survey with 50-60 comments should be distributed by the end of the week.

NEXT MEETINGS/TELECONFERENCES
• Proposed dates for next ATC WG teleconference July 29-31. Use Doodle Poll to determine exact date/time. [ACTION: BOAZ]