# Logistics

URL for IOP Site: <http://iec61850.ucaiug.org/2017IOP-NOrleans/default.aspx>

Email Exploder: [iec-61850-iop-2017@googlegroups.com](mailto:iec-61850-iop-2017@googlegroups.com)

Boot Camp: October 12-13

IOP: Setup: October 13, Testing October 14-19

Hotel: New Orleans Downtown Marriot at the Convention Center  
 859 Convention Center Blvd  
 New Orleans, LA 70130  
 Phone: 504-613-2888

web: <http://www.marriott.com/hotels/fact-sheet/travel/msymc-new-orleans-downtown-marriott-at-the-convention-center/>



# Known Participants and Witness

|  |  |  |
| --- | --- | --- |
|  | | Participating Companies |
|  | ABB | |
|  | Alstom | |
|  | ArcInfo | |
|  | Copadata | |
|  | Doble | |
|  | Grid Software | |
|  | NovaTech | |
|  | Omicron | |
|  | OSII | |
|  | Siemens | |
|  | SISCO | |
|  | Sprecher-automation | |
|  | Subnet Solutions | |
|  | Toshiba | |
|  | Triangle Microworks | |
|  | Vizimax | |

|  |  |
| --- | --- |
|  | Witnessing Companies |
|  | BPA |
|  | CenterPoint Energy |
|  | ComEd |
|  | ConEd |
|  | EDF |
|  | Entergy |
|  | Entso-e/Elia |
|  | EPRI |
|  | Hydro Quebec |
|  | It4power |
|  | National Grid |
|  | NERC |
|  | NIST |
|  | NREC |
|  | NYPA |
|  | Reliability First |
|  | SCE |
|  | UCA |

# Agenda for 11-16-2016

1. Introduction
2. Discuss philosophy of testing for this IOP –
   1. Integrated application
      1. Multiple Bays with IEDs and HMIs
      2. Communication inter and intra bays
      3. Process bus with multiple Merging units
      4. Multiple grandmasters
      5. LSVS/LGOS
      6. Mod/Beh Testing
      7. Testing isolation and field testing
      8. Application possibilities
         1. Transfer Trip Zone1->Zone 2
         2. Breaker Fail (similar to Cigre)
      9. ED2<->ED1 IOP (maybe have a separate bay for ED1 devices?)
      10. SCADA/Gateway (e.g. IEC 61850-90-2 and IEC 61850-7-1)
      11. 90-5/Synchrophasor testing
      12. NERC/CIP perimeter testing last two days?
      13. HSR/PRP

Jun (Doble), Joel Greene, Herb to come up with high level constructs.

* 1. Sub-testing areas
     1. Time Sync (Chan to liaison with IEEE ICAP)
     2. NERC/CIP (Herb and Scott, Chan to add user input)
        1. Firewall/Router
     3. 62351 Security Testing (depends on participation) – low interest at this point in time
     4. SCL (may not be needed if integrated application is good enough)
     5. Telecom testing (Hydro Quebec to check if this is still needed)

1. Marketing
   1. Entergy to put press release together – Chan to lead
   2. EPRI will also socialize
   3. What do we want to do with Press attending/reporting on the IOP?
2. Recurring Meetings – Thursday’s @11 AM EST (Next Meeting 15-12-2016).

# Action Items

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Creation Date | Item | Needed  by | Closed |
|  | 17-11-2016 | Everybody who doesn’t have UCA IDs, get them and send them to Herb. |  |  |
|  | 17-11-2016 | Jun, Joel, and Herb to start high level discussions on integrated testing. Joel to take the lead. Joel to schedule the first meeting. |  |  |
|  | 17-11-2016 | Need leads for Time Sync area (Omicron to check and respond if they still want to lead) | 15-12-2016 |  |
|  | 17-11-2016 | Scott and Herb to work out high level concepts for NERC/CIP |  |  |
|  | 17-11-2016 | Chan to lead user use case development |  |  |
|  | 17-11-2016 | Chan and Paul to lead on the socialization and marketing for the IOP. |  |  |