



Agenda

MPO Modeling Working Group

September Meeting

Date: 9/24/2015

Time: 9:30 AM – 11:00 AM ET

Location: University at Albany, AS 123 ([map](#))

Web-Conference Location: GoToMeeting or Phone Conference Call

Call-in Information:

The information for our call is shown below. We DO expect to share our screen using the link.

NPMRDS Web-tools

Please join my meeting from your computer, tablet or smartphone.

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Topics:

1. NPMRDS Web-Tool Update
 - a. Migration to DOT Servers
 - b. Update on HERE API integration
 - c. Refactoring web-tool
 - d. Dashboard view development
2. Task 4 – Data Integration
 - a. Datasets:
 - i. HPMS (including short counts)
 - ii. Cartegraph signals
 - iii. MPO model networks (what is the range of network topologies/spatial reference methods)?
 - iv. Agile Assets (legacy data in RIS/Winbolts)
 - v. GTFS (from 511NY GTFS Editor)
 - vi. Data Fusion Engine (incidents)
 - vii. Census (pop, housing, commutation)
 - viii. InfoSystems (establishment, employment, sales)
 - ix. Accidents (PILs and HALs)
 - x. TranSearch (commodity flow)
 - xi. FAF (commodity flow)
 - xii. **MISST**
 - b. Question for each dataset
 - i. Why is it a candidate for integration?
 - ii. What is the primary purpose that the data is collected for?
 - iii. How does it relate to NPMRDS speed reliability data (network demand, utilization, market definition, operating performance or condition, etc.)?
 - iv. What is the timeframe/frequency for its collection?
 - v. Where does the authoritative data physically reside (native database or software, i.e. Agile Assets, TRANSCOM DFE, 511NY, etc.)?
 - vi. What is the collection method source?

- vii. Proprietary/non-proprietary
 - viii. Quality/limitations/caveats
 - ix. Spatial integration options/recommendations
 - x. **Coordinating with NYSDOT**
 - xi. **Degree of difficulty of integration**
 - xii. **Priority**
3. Discussion: Modeling Working Group NPMRDS Tool Needs and Future Development.
- a. Prioritizing dataset integration
 - b. Use Cases
 - i. Defining Priority Route
4. Action items
- a. **MPOs: Additional Datasets**
 - b. **DOT-Avail-Chris O'Neil: Users at each MPO**
 - c. **MPOs: Set up Routes**
 - d. **AVAIL: Route interrogation page**
 - e. **AVAIL: Training Seminar setup**
 - f. **AVAIL: Manual entry of volumes/incidents?**
 - g. **AVAIL: Universal freeflow speed**
5. Extension amendment to the contract
- a. **Priority items to pursue**
 - i. **HPMS**
 - 1. **Traffic volumes by offpeak/peak?**
 - ii. **LRS**
 - iii. **MPO Models**
 - iv. **Transcom**
 - 1. **Incident report template**
 - v. **NPMRDS data quality discovery**
 - 1. **Quality measures**
 - a. **Percent of epochs captured**
 - b. **Standard deviation of epochs**
 - vi. **Signal database**
 - 1. **Signal density as a quality measure**
 - vii. **User-input on interface**
 - b. **Ongoing hosting of data**
 - c. **Additional Datasets**
 - i. **Transearch etc.**