



SunGuideSM Status Meeting Minutes



October 13, 2004, 8:30 AM to 11:30 AM EDT

Ft. Lauderdale, District 4

CDRL 1-8.2.12

Attendees:

Liang Hsia, FDOT	Steve Dellenback, SwRI
David Chang, PBS&J	Robert Heller, SwRI
John Bonds, PBS&J	Lynne Randolph, SwRI
Walt Townsend, ITS-Siemens	Meredith Moczygemba, SwRI
Dong Chen, FDOT	Jesus Martinez, FDOT
Steve Corbin, FDOT	Greg Letts MDX
Angel Reanos, FDOT	Pete Vega, FDOT (phone)
James Bitting, FDOT (phone)	

Subject: Project Status Meeting for SunGuideSM

Note: Agenda and slides for each agenda item are available from the project website at:

<http://sunguide.datasys.swri.edu>

Pre-meeting Discussions: Flexibility with IM system district-wide

- Steve Corbin feels that the state should spend more money to enable each district to configure customized response plans and arrange how messages are created and displayed on the signs as desired, (1st line, 2nd line, 3rd line rules)
 - The traffic incident management team is the wrong group is being asked what to put on the signs; the operations personnel should be solicited instead.
 - District 4 wants SwRI to convert the Mark IV message library system to bypass mundane reentry for these libraries as previously done. SwRI will include this effort in the deployment plan.
 - Currently, the messages are arranged with the first 2 letters as T1, T2, or T3, and then followed by sign and cross reference identifier information. (Corbin has released a white paper detailing this messaging system used by District 4).
- SwRI clarified that the current IM system will recommend an editable message, where content can be adjusted for the first deployment.
 - Database setup and message generation is part of TMC configuration
 - IM DMS signs are associated with routes and direction.
 - The radius is tunable for severity levels
 - IM does not currently poll existing incidents; it is left up to the operators to handle secondary incidents.
- SwRI has sent a proposal with 2 options offered for this formatting issue, including a suggestion of how to convert the Mark IV message library system, but FDOT has not yet responded to the proposal. Either way, SwRI feels that the libraries should be ported for the first deployment

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- The question arose as to whether or not six key strokes for message library systems can be preserved as opposed to current the tree structure version. The SunGuideSM software does not currently support this and an ECO would be required to add the functionality.
- Corbin suggests creating a separate buffer storing prioritized events, where the next highest priority is put up after the highest priority incident plan is terminated, and so forth.
- Liang Hsia agreed that flexibility needs to be at the district level, and that message templating should be done. SwRI is to prepare a plan for FDOT on how this can be implemented in SunGuideSM.

Item #1 – License Updates

- Liang Hsia presented a license update
- The TransGuide license has been signed by TxDOT and returned to FDOT.
- SwRI provided FDOT with draft language of adding Lee County and MDX to the SwRI / FDOT sublicense on Sept.10, 2004.

Item #2 – TMC and Software Deployment Schedule Updates

- District 6 update
 - I95 Package B – looking at April/May 2005 completion (currently cutting loops)
 - Week of October 18, 2004 they are having a Ramp Metering workshop (representatives from Houston, WSDOT, and Minnesota) – 3 days long. Lots of media interaction to start public outreach.
 - I175, I95 and the Keys are additional projects.
 - Equipment purchases continuing to allow equipment to be added (will be upgrading communication backbones). 170s will be limited to Ramp Metering only when this is completed.
 - End of June is still a good timeframe for SunGuideSM installation, May is too early for software deployment.
- MDX update
 - February timeframe to complete project
 - Ready for software deployment in July / August
 - TMC scheduled to be ready for October
 - MDX did not believe that a separate milestone demo is necessary
- District 7 update:
 - On track for a 2006 deployment
- District 5 update:
 - Not present
- District 4 update:
 - Cornet is to start on Dec 4
 - Starting on one segment, both camera (Vicon) and detectors (Wavetronix)

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- Asked for Canoga loops (wanted one set to make sure that competition between vendors exist)
- By end of Jan 2005 should have a complete segment for testing
- Video wall upgrade is progressing (Cornet will do the analog to digital conversion – this will include upgrading video wall – hope to complete by January 2005)
- District 1 update:
 - Not present
- District 2 update
 - I95 project should be complete in next 4 months
 - I295 project will be done another process
 - Will be ready for SunGuideSM in the October 2006 timeframe
- District 3 update
 - Not present
- Turnpike Enterprise update:
 - Not present

Item #3 – Project Status Report

- Steve Dellenback presented slides.
- Canoga device driver is currently in the work plan but has not yet been authorized (action item taken)

Item #4 – Milestone Demonstration “Process and Results”

- John Bonds provided a presentation
- 19/25 successful requirements addressing DMS (1/25 partially successful, 5/25 not demonstrated; the 5 tests not demonstrated were not exercised to avoid reinstallation)
- Issues encountered:
 - Sign returns a failure as a result of a status query; driver hangs up and needs to be reset
 - Possible problem running the Administrative Editor without a DNS server
 - Messages are left justified on the signs but the GUI indicates that the message is centered
- SwRI will call Mark IV and ensure that the protocol versions are compatible
- SwRI plans to return within the next few weeks once encountered issues have been resolved for further testing

Item #5 – Software Milestone Demonstration

- The demonstration scope was limited due to an oil spill accident in Ft. Lauderdale that did not allow use of the District DMS devices.

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ACTION ITEMS

Numbering of Action Items is based on all action items identified on the SunGuide project.

Number	Responsible	Text	Due Date
53	SwRI	Request permission to start the Canoga driver development	10/16/04
54	SwRI	SwRI to provide FDOT with a plan to upgrade the IM subsystem to allow each deployment to tailoring the DMS message formatting rules	10/22/04
55	SwRI	Contact Mark IV about firmware versions that are deployed in District 4	11/1/04