SunGuide[SM] Status Meeting Minutes

Date: Tuesday, March 15, 2005
Time: 10:30 am to 12:30 pm EST
Location: Wyndam Miami Airport (Gateway 1)
CDRL 1-8.2.17

Attendees:

Liang Hsia, FDOT	Robert Heller, SwRI
David Chang, PBS&J	Steve Novosad, SwRI
Walt Townsend, Seimens ITS	Bret Sadler, SwRI
James Bitting, GCA/D7	Elizabeth McCleary, FDOT – D7
Adam Moses, Transcore	Stephnie Kelly, Transcore
Chris Birosak, FDOT D1	Erika Ridlehoover, Transcore/ FDOT D7
Tahira Faquir, PBS&J	Peter Vega, FDOT D2
Larry Rivera, FDOT D5	Charlie Wallace, PBF
Nelson Coll, 3M	Laura Wajack, FDOT
Dan Baxter, DKS Associates	Paul Watson, PBS&J ITS CO
Ron Meyer, PBS&J ITS CO	Elizabeth Birriel, FDOT
Mark Modjeski, TBD Group	Chad Williams, FDOT D3
Cliff Johnson, FDOT D3	Pei-Sung Lin, CURT/ Univ S Florida
Mark Reichert, FTC	Bob Murphy, PBF
Dong Chen, FDOT D4	Ivan del Campo, MDX
Gregg Letts, DTC/MDX	Steven Corbin, FDOT D4
Ingrid Bireubaum, FTE	Ranzy Whitaker, FTE
Jon Easterling, FTE	Jesus Martinez, FDOT D6

Subject: **Project Status Meeting for SunGuide[SM]**

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

http://sunguide.datasys.swri.edu

Item #1 – SunGuide Configuration Management Board

- iFlorida DCP task was approved as a scope change
- Barrier Safety System was discussed. There were questions about the cost of the driver versus off the shelf software. The discussion was that this is a simple interface that is a switch closure. Robert agreed that it was a switch closure but will also address the emergency phones, control cameras, and inject an incident into the system. Walt stated that you are paying for the integration of the systems. Pete asked whether it would be less expensive to use a separate package or integrate into SunGuide. Robert responded how many places will you deploy it? If one location, then a separate application is probably less expensive. If this will be deployed multiple times, then integration with SunGuide is probably less expensive. In addition, what do you want the operators to utilize. Would

you want them to have to work with multiple systems or a single integrated system. Larry asked if there is an hours breakdown, Liang said central office has those. Chris stated that since the installation of the fence, they have had no fatalities. James Bidding stated that the skyway bridge could benefit from this as well. Pete stated based on Chris's statistics he would be in favor of the driver. Larry asked if Call Boxes were part of this. Robert responded that SwRI was asked to provide an ICD for the PLCs in the field. As long as the ICD is used, then there is no additional cost. There is no protocol defined for the Call Boxes. Gene proposed that this item be tabled and setup a teleconference to discuss this issue and then the board can vote. Chris would like to move forward now. Larry asked Liang if he was comfortable with the price and Liang responded that it is inline with the other subsystems on the statewide software. Gene retracted his proposal and he called for a vote. It passed unanimously.

- Onsite support. Passed unanimously.
- All seven issues passed
- Requirements Changes Walt Townsend
    - Incident Management and Response Plan short term – TM009 Larry asked about capping the number of devices. Walt stated that there should be a limit. Larry believes this is 2 issues. His operators have to verify the incident this may take several minutes. Walt the measurement starts when the operator is ready to create an incident. Steve Corbin we felt it was necessary to put a requirement on how long otherwise the software could take several minutes to execute the response plan. Pete asked if there was 1 or multiple operators. Walt stated it was for one operator, TM010R1, TM014R, TM005R1, TM001W, TM012, TM001W1. Gene called for a vote. Elizabeth asked if the first requirement would need additional clarification for this. James Bidding expressed concern on the what is the cap? Walt asked SwRI what they were comfortable with? Steve Corbin stated that it was network topology dependant. Robert stated that SwRI can control the format of messages and sending of messages, but cannot control the operator response and the network performance. If you want to change requirement to state that a response plan can be generated in some number of seconds, then that is a real target. Walt change working from place messages on signs to prepare messages to be placed on signs. Steve Corbin stated that when the operator hits send for the response plan that it is then end of SwRI's obligation. Larry asked about polling versus sending messages. Robert stated that we do not wait for a poll cycle and then send a message. Larry asked what are we trying to get done in 60 seconds. Walt we are trying to measure if the response plan can be executed in 60 seconds. Gene called for a vote and passed 8 to 1.
- GUI Map Short Term
    - ID001A, GS007, DMS006D DM007D, GS009 Gene called for a vote. Passed 9-0.
- CCTV Subsystem/GUI Short Term
    - TV003S1, Gene called for a vote. Passed 8 - 1
- TSS Subsystem and GUI Short Term
    - GS008 Jesus asked if the layer could be turned off and on? To view a detector station every 1/3 mile would be very busy. Elizabeth asked is it really a layer that can be turned off/on? The only way you can not get this is to log in as an operator

without these privileges. This would cause you to lose functionality such as the links. Walt really want a way to turn icons on/off? Liang we will defer this one. Gene this issue is deferred until clarified

- DMS Subsystem and GUI Short Term
  - DM003D1, DM003D2, DM003D3 Gene call for a vote. Passed 9 – 0
- CCTV Keyboard short term
  - TV001D3, TV001D4 It was pointed out that this the joystick was already in use in San Antonio and Houston and Fort Worth. Generic joysticks will still work. Gene call for a vote. Passed 9 – 0
- Message Queuing Short term
  - DM004, DM005M, DM006M, DM007M, DM007M2, DM007M1, DM008M, DM009M, Dm010M, TM013R Steve Corbin Was 2 phasing part of the requirement. If you have 2 messages of the same priority, you combine them into one message. Robert it is already implemented. Steve Corbin May have to migrate to using signs for multiple roadways. SwRI added a button that allows operator to combine 2 messages into one as a two phased message. It is a manual process the system will not do it automatically. Gene Has this already been included in the software? Robert we believe that it has been already been implemented but we will have to check. Gene call for a vote. Passed 9 – 0
- IM and IM GUI Long Term (Release 2)
  - DM011M, TM014, TM016R, IM008, IM007O, IM007O1, IM001O, IM002O, IM003O, IM004O, IM005O, IM008O, IM008O1, IM006O, IM006O1 Elizabeth asked if the audible alarm needed to be configurable. Walt stated that the alarm will beep for 5 seconds. Robert since these are long term requirements we will take input for these. Gene call for a vote. Passed 9 – 0
- GUI/Map Long Term
  - WS010, WS009, GS009C, WS008, GS009C1, GS010 Jesus about multiple long in by the same operator. There are 3 choices; the one being implemented is automatic log out of the first. Gene call for a vote. Passed 9 – 0
- Driver Data and GUIS Long term
  - WS011 Gene call for a vote. Passed 9 – 0
- DMS Subsystem Long term
  - DM004D, DM005, DM005D. No vote is required. David Chang stated a white paper was developed for DM005 and Liang will distribute.
- CCTV Subsystem and CCTV GUI Long term
  - TV003S2, TV003S3, TV003D1, TV001D2 Ramsey asked if there was a requirement for the NTCIP version for cameras. Robert stated that we have standardized on a version. He will have to check. We believe it is 01.08 Amendment 1
- Status Logger Long term
  - EX004L, EX005L Gene call for a vote. Passed 8 – 0 D5 not present
- Executive Handler Long term
  - EX003F, EX010 Gene call for a vote. Passed 8 – 0 D5 not present.

Item #2 – TMC and Software Deployment Schedule Updates

- This item was skipped due to time constraints

Item #3 – Project Status Report

- Robert Heller presented slides.
- Demo scheduled for 1st week in April
- Deployment in D4 in May/June
- Release 6 ATP August Deployment September timeframe.

ACTION ITEMS

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

Number	Responsible	Text	Due Date
62	None		
63			
64			
65			
66			
67			
68			