

FDOT CHANGE MANAGEMENT BOARD (CMB)

Wyndham Miami Airport Hotel
Miami, Florida

Tuesday, March 15, 2005

10:30 – 11:45 A.M.

Purpose: SunGuideSM Software System Engineering Change Proposal No. 1.1

Attendees:

Chris Birosak – FDOT District 1*
Elizabeth Birriel – FDOT ITS Section
Ingrid Birenbaum – FDOT TPK
James Bitting – GCA
Dan Baxter – DKS
Ivan del Campo – MDX
David Chang – PBS&J
Dong Chen – FDOT District 4
Nelson Coll – 3M
Steve Corbin – FDOT District 4*
John Easterling – FDOT TPK*
Tahira Faquir – PBS&J
Gene Glotzbach - FDOT ITS Section
Robert Heller – SwRI
Liang Hsia – FDOT ITS Section*
Cliff Johnson – FDOT District 3*
Stephanie Kolb – Transcore
Pei-Sung Lin – CUTR
Gregg Letts – PBS&J

Jesus Martinez – FDOT District 6*
Elizabeth McCrary – FDOT District 7*
Ron Meyer – PBS&J
Mark Modjeski – TBE
Adam Mose – Transcore
Bob Murphy – PB Farradyne
Steve Novosad – SwRI
Mark Reichert – FDOT TPK
Erica Ridlehoover – Transcore
Larry Rivera – FDOT District 5*
Bret Sadler – SwRI
Walter Townsend – Siemens ITS
Peter Vega – FDOT District 2*
Charles Wallace – PB Farradyne
Paul Watson – PBS&J
Ranzy Whiticker – Transcore
Chad Williams – FDOT District 3
Laura Wojcicki – FDOT District 7

* Voting Member

Welcome and Introduction

Gene Glotzbach called the meeting to order and asked attendees to introduce themselves. Gene then proposed extending the terms of current CMB members for another year (terms were set for one year originally). Gene had identified the names of CMB voting members. Once a quorum was determined, Gene discussed how voting would be conducted during the meeting. He asked Liang Hsia to give a background summary and explanation regarding Engineering Change Proposal (ECP) No. 1.1. Gene then introduced the agenda items, including:

- Background Summary of the SunGuideSM Software System project
- SunGuideSM Software System ECP No. 1.1

Item #1 – SunGuideSM Software System Project Update (Hsia)

Liang Hsia gave a background summary regarding the requirements for ECP 1.1 for the SunGuideSM Software System. Walter Townsend provided detailed descriptions of changes in the *Requirement Specifications*.

A copy of *Engineering Change Proposal No. 1.1* was provided for discussion and voting in the meeting. General discussion regarding the SunGuideSM Software System included:

- Need for ECP No. 1.1 – The document is needed to catch up with the Districts’ requirements, including deleted scopes, modified scopes, added scopes, and new requirements after the Release 1 Factory Acceptance Test on January 10 at the Southwest Research Institute Lab.
- ECP No. 1.1 is a summary of all the requirement changes based on discussions and conclusions from various SunGuideSM Software System meetings, Incident Management Coordination meetings, and teleconferences.
- Need for CMB to vote – The items from Page 19 in the document were suggested by the SunGuideSM Software System Committee. These items are being provided to the CMB to provide integrated statewide ITS interfaces.

Following the general discussion, Gene asked that the voting begin.

Item #2 – CMB Vote on ECP No. 1.1

Walter led the introduction and interpretation of each new requirement and Gene conducted the voting, starting from Page 19, right after Walter’s interpretation. It was suggested that the CMB members proceed to vote on the requirement set instead of on individual requirements. The votes are presented in the following table.

Added Scope			CMB Vote (Yes/No)
Subsystem/work task	Component	Added Cost	Scope
District 5 Support	iFlorida DCP Task	Support D5 iFlorida project data collection process with OOCEA server. \$64,531	Yes
Training	Training – Release 1	Add Operator Training, System Design/Maintenance Training, and Administration Training. \$48,961	Yes
	Training – Release 2	Add Operator Training, System Design/Maintenance Training, and Administration Training. \$27,079	Yes
Incident Management	Southeast Florida IM Rules – Release 1	Incident Management Rules for District 4, District 6, and MDX. \$30,854	Yes

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Added Scope			CMB Vote (Yes/No)	
Subsystem/work task	Component	Added Cost	Scope	
	Generic IM Rules – Release 2	Incident Management Rules for Statewide Traffic Incident Management requirements.	\$34,526	Yes
District 1 support	Safety Barrier Cable System	Provide a driver in SunGuide SM Software to control the Safety Barrier Cable System.	\$146,883	Yes
	On-Site Support	SwRI to provide a staff to support District 4, District 6, and MDX for 1 year.	\$206,275	Yes
Enhancement Requirements: Short Term	IM & Response Plan Generation Requirements Group	Subsystem ID: TM009, TM010R1, TM014R, TM015R, TM005R1, TM001W, TM012, TM001W1	\$ 113,200	Yes
	GUI / Map Requirements Group	Subsystem ID; ID001A, GS007, DM006D, DM007D, GS009	\$ 18,045	Yes
	CCTV Subsystem & CCTV GUI Requirements Group	Subsystem ID: TV003S1	\$ 9,508	Yes
	TSS Subsystem & TSS GUI Requirements Group	Subsystem ID: GS008	\$ 3,403	No, defer for SwRI's clarification
	DMS Subsystem and DMS GUI Requirements Group	Subsystem ID: DM003D1, DM003D2, DM003D3	\$ 9,719	Yes
	CCTV Keyboard (AD2088) Requirements Group	Subsystem ID: TV001D3, TV001D4	\$ 32,162	Yes
	Message Queuing Requirements Group	Subsystem ID: DM004, DM005M, DM006M, DM007M, DM007M2, DM007M1, DM008M, DM009M, DM010M, TM013R	\$ 141,354	Yes

Added Scope			CMB Vote (Yes/No)	
Subsystem/work task	Component	Added Cost	Scope	
Enhancement Requirements: Long Term	IM & IM GUI Requirements Group	Subsystem ID: DM011M, TM014, TM016R, IM008, IM007O, IM007O1, IM001O, IM002O, IM003O, IM004O, IM005O, IM008O, IM008O1, IM006O, IM006O1	\$ 72,181	Yes
	GUI Map Requirements Group	Subsystem ID: WS010, WS009, GS009C, WS008, GS009C1, GS010	\$ 22,511	Yes
	Driver Data & GUIs Requirements Group	Subsystem ID: WS011	\$ 33,142	Yes
	DMS Subsystem Requirements Group	Subsystem ID: DM004D, DM005, DM005D	TBD	No, pending on users' comments of <i>Concept of Operations of Incident Management through Center-to-Center Communications</i> and corresponding costs.
	CCTV Subsystem & CCTV GUI Requirements Group	Subsystem ID: TV003S2, TV003S3, TV003D1, TV001D2	\$ 15,838	Yes
	Status Logger Requirements Group	Subsystem ID: EX004L, EX005L	\$ 10,808	Yes
	Executive Handler Requirements Group	Subsystem ID: EX003F, EX010	\$ 6,307	Yes

Item #3 – Review of Vote

Gene reviewed all the votes and edits made to ECP No. 1.1. Committee members agreed that comments would be provided by the next SunGuide Project Status Meeting.

ACTION ITEMS

ACTION ITEM #1 – SwRI need to further address the requirement of GS008. Committee members asked if the group could be turned off and on. To view a detector station every one-

third mile would be very busy. The only way you cannot get this is to log in as an operator without these privileges. This would cause the system to lose functionality, such as the links.

ACTION ITEM #2 – FDOT SunGuide Committee members need to review the *Concept of Operations of Incident Management through Center to Center Communications* and provide comments. A consensus from the CMB needs to be reached and SwRI can provide cost information for requirements DM004D, DM005, DM005D accordingly.

Item #4 – Adjourn

The CMB meeting adjourned at 11:45 A.M.