

**LNPA Technical and Operational Requirements Task Force
July 15-16 Meeting Minutes
Chicago**

<u>Name</u>	<u>Company/Association</u>	<u>Name</u>	<u>Company Association</u>
D. Navickas	Ameritech	Andy Sofronas	Aerial Communications
H. L. Gowda	AT&T	A. Cummins	AT&T Wireless
Beth Watkins	AT&T	Erin Greven	AT&T Wireless
J. Malyar	Bellcore	R. Steen	BellSouth
K. Koster	BellSouth Wireless	J. Rooks	Evolving Systems, Inc
Holly Hogue	Evolving Systems, Inc	Michelle Finnerty	Evolving Systems, Inc
Bob Angevine	GTE	Maggie Lee	Illuminet
G. Hannecke	MCI	Lisa Schmidt	BellSouth Cellular
J. Klare	Pacific Bell	M. Murdock	SBC
D. Garner	Sprint	B. Egbert	Sprint PCS
M. Fawcett	Telecom Software Enterprises	L. M. Maxson	Telecom Software Enterprises
Amador Lucero	US West	D. Gonos	WinStar Communications
Alita Piggott	Metronet	Jill Byers	Bell Canada
Virgil Long	Tekelec	T. McGarry	Lockheed Martin
Kathy ???	Western Wireless	James Grasser	Ameritech Cellular
John Nakamura	Telecom Software Enterprises	T. Sweeney	AT&T

Tom Sweeney opened the meeting with introductions around the room and on the conference bridge, and presented the proposed agenda. The minutes of the previous meeting were approved as written.

Wireless

Lisa Marie reviewed the newest version of the NANC 204 change order. After discussion, a conference call was scheduled for August 3 to review a revised version of the change order document which may then become final.

Anne Cummins agreed to investigate the progress of the wireless standards groups toward defining the standard for implementation of the Short Message Service. This is necessary to determine if NANC 203/222 is required, and must be determined before the current Statement of Work is negotiated. Anne agreed to notify T&O of her findings by 7/24.

Lisa Marie agreed to merge NANC 221 and 222 into NANC 201 and 202 because they have been included in the proposal already provided by Lockheed. They will be identified on the merge table.

Change Order Management

John Nakamura led the discussion of the new and modified open change orders. Refer to the Change Order Summary for updated information.

In an effort to ensure the completeness and quality of requirements, and to confirm the understanding of the developers, the team agreed to discuss improvements to the process before the end of the meeting.

The members asked Marilyn Murdock to communicate to Lockheed the team's expectation that Lockheed participate in each monthly T&O meeting, and to acquire a commitment that they send a representative to all future meetings.

A subcommittee was established to discuss alternatives for the solution of NANC 217, Mass Update issues. Beth Watkins agreed to setup the first meeting of the group. Gustavo Hannecke, Dave Garner, John Malyar, Virgil Long, Jackie Klare, Jim Rooks, Holly Hogue, Amador Lucero, and Dan Gonos volunteered to participate with the subcommittee.

Tom McGarry reported that Lockheed cannot include NANC 216 in its current analysis without delaying the delivery of the Statement of Work. The members voted to request that Lockheed attempt to price NANC 216 as soon as possible without interrupting the current negotiation. Marilyn Murdock will prepare a letter to the LLCs transmitting the T&O request for NANC 216.

Tom McGarry expressed concern about the impact of continual requests to re-price during negotiations. The team agreed to consider the concern during its discussion of improvements to the process.

In connection with NANC 225, Lockheed agreed to investigate what the M&P and NPAC personnel processes are when dealing with SP requests to modify the status of subscription versions.

Provisioning Flow Process Issues

Jackie Klare reported that the subcommittee established at the last meeting to gather and analyze process flow problems reported by SPs received only one report during the period. This did not provide enough information to develop a model to represent the nature and number of problems occurring during the provisioning process. Therefore, it would be premature to discuss modifications to the process at this time. It was recommended the SPs continue to attempt to resolve issues between the involved parties and to gather any data necessary to consider changes to the process in the future. If necessary, SPs should escalate issues to the regional operations teams for further consideration. Lockheed also agreed to investigate NPAC personnel support processes in the event that an SP reports such a problem.

Release 2 Status

It was reported that the new Statement of Work for the revised Release 2 with Wireless is expected on 7/17, followed by a PE review meeting scheduled for 7/20. The T&O agreed to consider any questions raised by the LLCs at its conference call on 8/3, if necessary, in an effort to expedite the approval process. The importance of Wireless participation in the negotiation processes was also discussed.

It was suggested that national Number Pooling may constitute the next release following Release 2. Tom McGarry proposed that two pooling change orders, one to address the LSMS related functions and another for the SOA functions, may expedite the implementation of pooling. The members will discuss this further at the number pooling meeting tomorrow in connection with the development of the timeline for the requirements delivery.

Review of NANC and LNPA Working Group Meetings/Miscellaneous

Marilyn and Tom reviewed the most recent NANC meeting and the LNPA Working Group meeting.

The NANC directed the T&O to develop the requirements for Number Pooling in a Pre-Port/EDR environment. The LNPA Working Group agreed to restructure into a single entity with subcommittees as needed to address subjects such as Wireless and Number Pooling. Change Management of the NPAC/SMS will be the principal subject of the working group going forward. Marilyn Murdock (SBC-ILEC), Tom Sweeney (ATT-CLEC), and Anne Cummins (ATT Wireless-Wireless) were accepted as tentative co-chairs of the new Working Group, to be confirmed at next month's meeting.

The question of voting rights was re-visited, and it was confirmed that there shall be only one vote per SP company. It was unclear whether Illuminet should be considered a vendor or an SP, and this will be discussed and determined at the next meeting following additional research.

Tom Sweeney discussed an activity underway at the LLC to attempt to improve communications with the T&O, and asked if any members would be interested in supporting this activity. After some discussion, it was decided that the PEs (Marilyn and Donna) would support this effort through the joint PE group to which they belong.

The Minneapolis NPA Split (TN level) was discussed. U S West and MCI have developed a process to support this split (see attached). Question was raised whether this process would be practical in the future as the database grows larger. It was agreed that this would be discussed at the cross-regional meeting next

month, and consideration of opening a change order to mechanize this function in the future will be given at our next meeting.

Requirements Process Improvement/Certification

The members agreed to discuss possible methods of confirming the developer's understanding of the customer's requirements for the release under development. This would help to avoid problems after delivery due to misunderstandings or unclear business requirements.

After some discussion during which many ideas to improve the clarity of requirements were suggested, some agreements were reached.

Conclusions:

1. CMA will develop turn-up test cases for each Change Order during the requirements phase
2. CMA will develop process flows for Change Orders, when appropriate
3. CMA will add a quality checklist to each Change Order
4. The contractor will investigate providing a preliminary design review before the release is sent to the LLC for SOW analysis. This will be an opportunity for both parties to ask and answer open questions and review and clarify assumptions to get all issues resolved before engaging in the pricing process. It was agreed that such a process would have mutual benefit. Tom McGarry will report at the next meeting on the feasibility of including this process in the T&O development cycle.

Discussion of the improvement of the process will continue at the next meeting.

It was also noted that the development of the test cases for the revised Release 2 and Wireless need to be a priority to ensure complete requirements understanding for this release currently in progress.

Next Meetings

August 10-11 (WWISC)

August 12-13 (New Working Group)

(WinStar hosts)

Townsend Hotel

100 Townsend St.

Birmingham, MI (Detroit)

Conference Bridge: 800 738-8933 (all 4 days)

September 14-17

U S West hosts

Seattle

October 13-15

Sprint hosts

Kansas City

November 9-12

GTE hosts

Dallas

December 7-10

BellSouth hosts

Atlanta

Attachments

Agenda

Minneapolis NPA Split Process