WIRELESS NUMBER PORTABILITY SUBCOMMITTEE (WNPSC)
July 12 and 13, 1999 Meeting Minutes

Attendance

Donna Navikas	Ameritech	Cathy White	SBC Wireless
Linda Godfrey	Airtouch	Josee Neron	Stentor
Jim Grasser	Ameritech Cellular	Bonnie Baca	Telecom Software Enterprises
Anne Cummins	AT&T Wireless	Sharon Walker	Aerial
Khai Nguyen	Bell Mobility	Cathie Capita	Voicestream
Anna Miller	BellSouth Cellular	Dunice Harrell	BellSouth Cellular
Bohdan Zabawaskyj	Clearnet	Marian Hearn	Canadian LNP Consortium
Keith Richardson	Ericsson		
Mike Panis	Evolving Systems, Inc.		
Sam Menta	GTE Network Services		
Eddie Gray	GTE Wireless		
Marcel Champagne	Lockheed Martin		
Dennis Beland	Microcell		

Testing subgroup
To encourage participation and keep WNPSC informed, the Inter-carrier Testing Subgroup meeting minutes and draft Test Plan to be distributed to the WNPSC.
ACTION ITEM: L.Godfrey to forward minutes and test plan to A.Miller for distribution.

Regional LNP Operations Team participation
Inter-Carrier testing coordination will happen on a regional basis. Interface with the Regional LNP Operations Team meeting will need to be coordinated. Representation from the wireless carriers is needed. Some issues are being addressed at the Regional LNP Operations Team meeting which need wireless input. For example, the West Coast Region is discussing the LRN assignment guidelines and needs input from wireless service providers.

Given limited wireless resources to attend all the Regional LNP Operations Team meetings, there was dicussion about when the wireless industry needs to begin coordination of the inter-carrier testing logistics, e.g begin inter-carrier testing coordination at least 6-9 meetings prior to actual testing, approximately 4Q2000 to 1Q2001.

With regard to the Canadian Regional Operations Team and the differences in LNP requirements, it is believed that wireless participation is premature. Currently, it is sufficient to distribute WNPSC meeting minutes and reports to the Canadian Wireless Communications Association and Canadian Regional NPAC representatives.

ACTION ITEMS: A subgroup (Anne Cummins, Cathy White, Jim Grasser, and Linda Godfrey) will update the Wireless Number Portability Timeline – Phase 2 to reflect the targeted completion dates for the Inter-carrier Communication Process evaluation and Inter-carrier Test Plan for the WNPSC review and concurrence. A liaison letter to the Regional Operations Teams will be issued which provides the updated Timeline and includes a request for the WNPSC deliverables needed to support coordination of inter-carrier testing logistics.

Inter-Carrier Communications
7/1/99 draft outline of the evaluation document has been developed by the CTIA task force. After review and approval by the CTIA NAG, the outline will be distributed to WNPSC.

Standards Letter
Liaison letters have been issued to T1S1, T1P1, and TR45. The TR45 liaison will be addressed this week at their meeting. The next T1P1 meeting will be held within the next two weeks, at which time the liaison letter will be discussed. An email of the T1S1 request was sent to Brian Foster, however, the actual hard copy letter was returned. Follow up correspondence has been issued to the T1S1 chair.

ACTION ITEM: Based upon the responses received from these liaison letters, Anna Miller will coordinate the logistics of the Standards Overview and update.

Regional Operation Team Meeting Reports
The MidWest Region 18 hour timer subscription versions are not being returned to the new service providers. When aging the directory number in a snap back scenario, the ew SP (the recipient) should be providing the aging per the NANC NANP WG Aging guidelines. This document can be found on the NANC WEB. Company contact information is being provided at the Lockheed / NPAC WEB site WWW. This web site is password protected. Guidelines for carrier to carrier LNP porting time frames for the LSR/FOC process is located on the WWW.Ported.com web site.

TheWest Coast and Southwest Regional Operations team came to general consensus that the donor carrier can refuse to port due to nonpayment. Nevertheless, each carrier must consider internally the legal implications of this course of action. There area several trouble scenarios involving problems with NPA splits. Carriers must notify the NPAC of the new codes, especially if within the permissible dialing period. Some carriers are not aware of the procedures for the split of area codes.

Bell Mobility Contribution on Roaming Between USA and Canada after WNP
Khai Nguyen of Bell Mobility presented a contribution on the impacts of LNP on roaming between the US and Canada, in particular call delivery with between roamers and landline subscribers, emergency service, certain CLASS services, and Global Title Translation. Three optional courses of action by Bell Mobility were presented: 1.) Bell Mobility will support WNP if the CRTC mandates Canadian wireless carriers to implement WNP; 2.) Bell Mobility might sustain its network in its current non-LNP

functional state; 3.) Bell Mobility might implement intermediate solutions to address the issues.

From the May, 1999 meeting, the possible impacts of not implementing the MIN/MDN split in Canada were identified as: 1.) E911; 2.) Roaming; 3.) Class-LIDB service; 4.) Operator Services. 5.) Cyber record time difference for updating to new cyber records.

Dennis Beland stated the Microcell has no issue regarding US and Canadian roaming. Microcell is going forward with the efforts to become a CLEC and pariticpate in LNP.

Based upon the discussion, the following impacts were identified:
1. Roaming from Land to Roamer is OK
2. Roaming from Roamer to Land or between 2 Roamers will send incorrect information to the destination carrier (the MIN instead of the MDN in the CgPN). Between roamers, CLASS and database services are also at risk. Additional information on this topic will be provided.
3. Operator Services, if MF signaling is used the ANI may contain the MIN instead of the MDN
4. Cyber records are OK if Cyber record type X2 is supported with direct long distance billing of the subscriber by the wireless carrier
5. Long distance billing may have problems without direct billing of the subscriber by the wireless service provider

ACTION ITEM: Bell Mobility - K.Nguyen of Bell Mobility will make an additional contribution on Class-LIDB service issues. Bohdan Zabawskyj of Clearnet will provide additional contributions regarding other Canadian perspectives on roaming services.

Reseller Issue:
There were no contributions on this issue this meeting.

Wireless Pooling Alternative
This action item is from NANC. A. Miller and B.Egbert presented the first slide, remaining presentation was put on hold until the next July meeting. Eddie Gray will provide….

The Wireless Number Pooling Alternative Evaluation report included a description of the option, and the circumstances it should be used, i.e. the additional requirements beyond the Phase 1 LNP capability. Only one requirement was discussed and additional information will be presented at the next NANC July, 1999, meeting. The rest of the requirements will be presented at July, emphasizing that all these changes are required to support roaming without completing the MIN/MDN separation.

In addition, the NANC requested that the WNPSC provide input on the barriers to wireless service providers' participation in Thousand Block Pooling prior to full Phase 2 LNP implementation. The following barriers were identified:

Barriers to Pooling
- MSCs must be able to trigger to launch a query
  - some carrriers are default querying
  - some are using a default solution
- terminate inbound calls to "pooled/ported" TN
  - dipped calls either are completed or rejected/given error treatment
  - un-dipped, the wireless carrier must be the code holder, in order for a dip to be performed

It was concluded that because these capabilities are not uniformly available for all switch types, this alternative is not considered a viable approach to providing Thousand Block Pooling prior to LNP.