

**WTSC Agenda**  
**Face to Face meeting**  
December 4-5, 2001  
San Diego, CA

**Host:**

Telcordia Technologies

Paul Warga

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**Location:**

Marriott La Jolla Hotel  
4240 La Jolla Village Drive  
La Jolla, California 92037

**Tuesday, December 6**  
**1-5 PM (Pacific Time)**

**1:00 PM – 2:00 PM**

Logistics – *Mark Wood*

Introductions – *Mark and Jennifer; Charlie Case (ALLTEL); Joe Charles (Cingular Wireless); Rebecca Tyus (Cingular Wireless); Gerry Scillitani (NEXTEL); Viresh Gulati (TeleCorp PCS); Ron Whitson (Sprint); Stephen Byone (WorldCom); John Hicks (Telcordia); Julio Bayona (AT&T Wireless); Chris Utsler (Williams Communications), Maggie Lee.*

*Phone: Chuck Dodsley (Verizon), Bob Jones (US Cellular), Frank Reed (Voicestream); Rafael Beltran del Rio (ESI); Marlene (US Cellular), Julie Groenen (Verizon)*

Agenda review – *Mark Wood*

News to date/other industry meetings, Upcoming meeting info - *No conference call in December, next meeting will be in Orlando.*

*Jennifer and Mark will be speaking to the LNPA working group on Wednesday. We will review the test dates with the wireline carriers.*

*February in Las Vegas, book travel as soon as possible.*

*CTIA critical issues forum in San Francisco in January, will be covering LNP, Pooling, etc*

*WNPO met last week (November 26) Bona Fide request forms, letter to the FCC documenting the risks for Wireless LNP. Action Item to send a letter to LLC*

*Where can we find the requirements for a Bona Fide Request – Charlie Case – Mark Wood to send out doc*

*Number Pooling still working on paper pooling, they are trying to get caught up.*

*NENA still meeting next week*

**2:00 – 3:00 PM**

Review test plan

911 test cases

Cause code 26

Foreign MINs

*This needs to be worded for wireless use*

*1.2.3.7 - Cause Code Value 26*

*1.2.3.7.1 Ported Number to Ported Number (Direct Trunk)*

*Test Description:*

*This will test that Cause Code Value 26 will be sent back appropriately on a call from a ported number to a ported number.*

**Test Procedure:**

- *From a ported number*
- *Call a ported number*
- *Terminating LSP identifies own LRN, but does not find ported number on switch*
- *Document Test Results, including time required for all transitional steps*

**Test Results:**

- *Originating LSP routes call to destinations LSP*
- *Originating LSP performs LRN database dip*
- *Originating LSP sends JIP*
- *Originating LSP ISUP IAM contains LRN in CdPN parameter, ported destination number in GAP, bit M of FCI set, JIP*
- *Terminating LSP recognizes LRN as its own, but does not find ported destination number on switch*
- *Terminating LSP releases call with Cause Code 26 and sends Release message back to originating LSP*

#### **1.2.3.7.2 Ported Number to Ported Number (Via Access Tandem)**

**Test Description:**

*This will test that Cause Code Value 26 will be sent back appropriately on a call from a ported number to a ported number.*

**Test Procedure:**

- *From a ported number*
- *Call a ported number*
- *Terminating LSP identifies own LRN, but does not find ported number on switch*
- *Document Test Results, including time required for all transitional steps*

**Test Results:**

- *Originating LSP routes call to access tandem*
- *Originating LSP performs LRN database dip*
- *Originating LSP sends JIP*
- *Originating LSP ISUP IAM contains LRN in CdPN parameter, ported destination number in GAP, bit M of FCI set, JIP*
- *ISUP message is not the LRN of AT, AT forwards call to destination*
- *Terminating LSP recognizes LRN as its own, but does not find ported destination number on switch*
- *Terminating LSP releases call with Cause Code 26 and sends Release message back to originating LSP*

#### **1.2.3.7.3 Ported to Ported Number (Via Toll Carrier)**

**Test Description:**

*This will test that Cause Code Value 26 will be sent back appropriately on a call from a ported number to a ported number.*

**Test Procedure:**

- *From a ported number*
- *Call a ported number*

- *Terminating LSP identifies own LRN, but does not find ported number on switch*
- *Document Test Results, including time required for all transitional steps*

**Test Results:**

- *Originating LSP routes call to toll carrier*
- *Originating LSP does not performs LRN database dip*
- *Originating LSP sends JIP*
- *Originating LSP ISUP IAM contains ported number in CdPN parameter, no GAP, bit M of FCI not set, JIP*
- *Toll carrier performs LRN dip*
- *Toll carrier ISUP IAM contains LRN in CdPN parameter, ported number in GAP, bit M of FCI set, JIP*
- *Terminating LSP releases call with Cause Code 26 and sends Release message back to originating LSP*

- ❑ *Charlie Case wants to know where the SBC pooling case originated.*
- ❑ *Need more information. Most providers troubleshoot off of cost code 26, troubleshooting pooling problems – Jennifer and Mark need to drive in to the WNPO*

*911 test cases we will review tomorrow, need to get the transparencies*

- ❑ *Ron Whitson to send the switch test case – beneficial to small carriers*

**3:00 PM – 3:30 PM**

Review Action Items

*WNPO is tracking the cause code, Charlie Case states it is mostly a wireline issue.*

**3:30 PM – 5:00 PM**

Review inter-carrier test dates

- ❑ *Stephen, what if the NPAC does not upgrade to the 3.1. We will test out on 2.0? yes*
- ❑ *Who will be ready to test to these dates, push back from all carriers that dates in the draft are not actuals, no way they can be met*
- ❑ *What if 3.1 doesn't release, pooling in jeopardy also*
- ❑ *Document our concerns, we have these dates, what happens when we don't meet them submit to the WNPO*

**Test Region and dates discussion**

- ❑ *Action item for all carriers to send dates and markets to Jennifer and Mark for January meeting*
- ❑ *Jennifer and Mark will pull the data together in a matrix and post on the website*

**Wednesday, November 7**

**8:30 AM – 12:00 PM (Pacific Time)**

**8:30 AM – 10:00 AM**

911 test cases

*Test case from NENA*

*Not just 911, open to all law enforcement*

- ❑ *Can we ask Neustar, if everyone in the nation has to do this... clarification on what's needed what should be done*

*Not sure about the PSAP piece*

Review inter-carrier test guidelines

- Discussion on network topology

*One step, is for each company to layout their internal topology. Concerns about the proprietary nature of the network elements*

*One reason, can we really test? If we are not viewing these Tandems.*

*Concerns about the switch layout for carriers*

*Need to sit down and review test cases with test partner, figure what can be done out of the 96 test cases.*

- Action Item for Ron to send the Chicago test matrix with 7 carriers*

#### **10:00 AM – 11:00 AM**

Pooling contingency plan – test dates

*Call completion should still be the same*

*Test cases should be about call completion*

*Call to a pooled block, non pooled block number*

#### **11:00 AM – 11:30 AM**

Review ICP testing

*Transport layer, frame relay cloud*

#### **11:30 AM – 12:00 PM**

Open forum

*Dates discussion – what can we give back to Jim Grasser. Not the region scheduled we have proposed.*

- Pooling test plan for next year*
- Ron Whitson, recommendation that we do the appendix work in the test plan. Break down now in preparation*
- Should we be reviewing the WNPO action/open items*

Wrap up/summary of new items

*Bob Jones from US Cellular is adding the following conversation from the Atlanta meeting:*

*I'd like to make the following*

*"minority opinion" a matter of record.*

*At the subject meeting, NeuStar stated that it would disconnect carriers who*

*do not undergo revision testing as the NPAC moves from one software release to another. When I asked about carriers who might not have a "lab" system with which to perform such testing, NeuStar's answer (echoed by Illuminet) was that they'd disconnect that carrier from its network.*

Review next meeting dates