

WTSC Agenda
Face to Face meeting
 September 4-5, 2001
 Tampa, FL

Host:TSI

Gene Perez

Location:

Tampa City Center (38 story building with Verizon sign at top)
 201 N. Franklin Street
 3rd Floor in the Sarasota Conference Room
 Tampa, FL 33602

Conference Bridge

813 209-3688

- Listen to the message prompts because you will need to enter a bridge number between the call in number and the passcode.

Bridge #2

Passcode – 8495

Tuesday, September 4th 1-5 PM**1:00 PM – 1:15 PM**

Logistics
 Introductions

*Jim Turner – IITC**Lora Carrubba, Tao Zhang – Convergys**Julie Groen – Verizon**Steve Sanchez – AT&T Wireless**Steven Bynoe – WorldCom**Joe,**Chuck – Verizon**Kathleen**TG Garcia – Williams Communications*

Overview / summary to date

Responsibility/Contributor

Host

Co-chairs

Mark Wood – Not a lot of meetings industry meetings the last month. RCA meeting last week in Dallas, they were looking for any input from people at wireless. A lot of duplicate efforts. Rural carriers are very far behind. Some carriers want to test outside the top 100 MSA's, porting will impact small carriers eventually like wireline porting. 120 people in attendance for RCA.

WNPO update Jim is still looking at vendor readiness.

1:15 PM – 3:30 PM

Review Industry Test Plan version 1.3

WTSC Team

Summary of changes to Test plan (Version 1.2)

Below is a high-level summary of the changes that will be made to the WNP Test Plan.

The next version after these changes will be 1.3. Documentation changes are due to the co-chairs by 8/17/01 in order for review by the team on our conference call 8/23/01. The responsibility of these changes will be noted on our action item list. The test team in Denver accepted all of these changes. All the references below are from test plan version 1.2.

- *Section 4.0 –*

Teresa Patton reviewed the changes made by the ad hoc team to the entire test team. Most of the changes are minor grammatical and wording changes for clarification. Additionally, all test procedure bullets will be changed to numbers and all expected results' bullets will be changed to letters to make line-item references easier to communicate. Test cases will also need to be renumbered sequentially. Subsequent wording may need to be added in section 3.0 to define certain terms in the test cases.

- *Section 4.3 – Test cases 9-16*

These test cases are incorrect because they list a “roaming wireline” number, which is not possible. It was deciphered that this actually referred to a wireline number porting to a wireless call and then roaming. In order to keep each section true to its title as far as the calling and called party, we moved the word roaming to the calling party, thus making the test cases accurate (wireline to wireless calls). The matrix presented at the meeting (see below) should allow for different scenarios when a ported number is used. Therefore, test cases 4.3.9-16 will actually be test cases in section 4.1 with the matrix applied. The test procedures for cases 4.3.9-16 will need to be changed to fit the new purpose of the test.

- *Test Case Matrix – Added as Appendix I – (Tentatively)*

The team determined that when a ported number was part of the test, the origination of the ported number would need to be tested as well (wireline->wireless; wireless-> wireline; etc.). Instead of writing up to four test cases for every scenario, the test matrix that was originally sent out in June had a column added to show different porting scenarios. (Letters A-H).

Using test cases 4.1.1 as one example, the calling party is a ported wireless number and the calling party is also a ported number. The test matrix for test case 4.1.1 shows that there could be 4 different possibilities of tests -

- 1) *called party – ports from wireless to wireless Letter A*
- 2) *called party – ports from wireline to wireless Letter B*
- 3) *calling party – ports from wireless to wireless Letter E*
- 4) *calling party – ports from wireline to wireless Letter F*

In scenarios where there are no ported numbers, there would be no scenarios in the test matrix. Each company would decide how many scenarios they want to test when running these cases.

The matrix will be edited to be accurate for the section on enhanced services.

Also, we will attempt to combine this appendix with the revised Appendix A (from Ron Whitson) if possible.

- *Port scenario examples (linking test cases together) – Added as Appendix J (Tentatively)*

The test plan is basically broken up into three phases –

- 1) *Intercarrier porting (ICC and NPAC communication) Section 4.0*
- 2) *Call completion Section 4.1, 2, and 3*
- 3) *Enhanced services (911, ABS, Operator) Section 4.4*

Rather than writing the entire end to end test calls for each of these cases, Jim Grasser presented three examples of test scenarios that would test porting, call completion, enhanced services, and disconnect or port to original. This is intended as a starting point for carriers to reference. Then each carrier could add their own test cases in similar fashion. The only change to be made to the test scenario is to add a column for “success” or “failure” and to renumber the test references as appropriate.

- *Remove “Local” from the following test cases*

Test cases 4.1.1-16 - Assumes that customer is not roaming.

Test cases 4.2.1- 8 – Assumes that customer is not roaming

Test cases 4.3.1 – Assumes that customer is not roaming

Test cases 4.3.2-8 – Wireline customer cannot roam, no need to distinguish “local”.

- *Move “Enhanced Services” to Section 4.5*

To make room for Wireline/Wireline test cases (see below)

- *Add test case for doing Operator services while roaming (test case 4.5.7)*
- *Add test cases for Wireline → Wireline test calls (New Section 4.4)*
There was a request to have test cases for wireline to wireline calls, specifically to test when a wireless number ports to wireline. A draft of six test cases was created by Ron Whitson and will be inserted into the new version.
- *GTT Test cases – To be added as Section 4.6*
A separate ad hoc team meeting was held on Monday, August 6th in Denver to discuss test cases for GTT (Global Title Translation). There are five different fields that could be populated for GTT with each ported number –
 - 1) **Calling Name (CNAM)**
The wireline test case for CNAM is almost the same as for wireless. Ron Whitson sent the wireline test case as an example. We will reword as appropriate to fit a wireless test case. (Test case 4.6.1)
 - 2) **Line Information DB (LIDB)**
Since no carriers have stated they do their own queries (operator services do query instead), we agreed that test cases 4.4.4,5, 6 (from Version 1.2) will be appropriate to test a LIDB query for GTT. These three test cases will be moved to section 4.5 and another test case will be added as stated above. Section 4.6 will reference these test cases for LIDB tests.
 - 3) **Interswitch voice messaging (ISVM)**
Wireless carriers do not use ISVM. Wireline carriers may want to test ISVM internally when a wireless number ports to wireline.
 - 4) **Custom local area signaling services (CLASS)**
Wireless carriers do not use CLASS. Wireline carriers may want to test CLASS internally when a wireless number ports to wireline.
 - 5) **Short messaging services (SMS)**
There is no mobile originating SMS between providers to date. For example SMS message are not send from Company A customer to Company B customer. A company may send an SMS on your behalf but it will still terminate to your own network. This is considered an internal test. Until we have better visibility of the need for this, we will hold off on writing a test case. Also, standards for WNP and SMS are still relatively new (PN-4411).
- *Lora – Does it or does it not include cable telephony. (Cox, TimeWarner)? A provider is a provider. Cable telephony is a wireline and should port as such.*
- *Companies outside the top 100 MSA's - If they are not in the top 100 MSA's they are not required to test before 11/24/2002. Issue a bonafide request by February 2002 – Gene draws the timeline – They do not need to be ready til 5/24/2003. BFR needs to be before 2/24/2002 for 11/24/2002 porting.*
- *Industry issue what is the FCC intent for the top 100 MSA's and the impact to those outside the top 100 MSA's. Is there a BFR process for the top 100 MSA's?*

OFF THE RECORD CONVERSATIONS

- BFR request take to the WNPO –*
- Jim Grasser – 100 MSA list, order or 2000 census*

Continue document revision review...

- Add new definitions to the appdx. ONSP, NSP, etc*
- Mark to change 4.4 LOCAL and BULLETS*
- NINA TDC MEETING 23rd – 25th in St Louis*
- WNPO issue SOA timer issue from wireline – have Jim Grasser speak to it if he attends tomorrow.*
- Julie to make adjustments to the worksheet in testplan review.*

3:30 PM – 5:00 PM

Review action item list

- draft letter to send to non-participating Companies Gene Perez

Made revisions, Gene to send letter to Mark and Jennifer for clarification.

- Review/verify list of companies in top 100 MSAs Jim Grasser

- review risks document Gerri Scillitani

- questionnaire for not meeting test dates WTSC team

Revised questionnaire

Wednesday, September 5th 8:30 AM – 12:00 PM

8:30 AM – 9:30 AM

Co-chairs

Comments for IITC

Impacts on the PSTN (Public Switch Telephone Network) nothing new except the volume of queries.

Impact where the link set can't handle the volume of queries. IS41 and SS7 networks.

No difference in queries for number pooling. Wireless testing will be on the live network/environment.

Rainy Day scenario in a clone of the environment.

Providers will have issues if they do not have the database and link sets updated.

Wireline had to A links, B links and D links.

IITC a neutral third party, Wireless no time or resources.

Capacity issues for providers, who are updating their networks?

FlashCut, huge volume on the network. Get the commitment they (providers) are ready.

- Role of the IITC to administer the Opening of Codes.*
- Tying providers test labs together. No lab has a complete set of links.*
- IITC - Coordination of testing for the SS7 networks in a non-penalty environment. Link capacity for providers.*
- 19000 NPANXXX in the top 100's MSA's. ARE YOU PREPARED?*
- What does the WNPSC do?*

9:30 AM – 11:00 AM

Discuss test markets/dates from SPs

Test contacts

Test coordination issues

- Discussion of testing dates and opening codes. (Ron to make a concern list)*

11:00 AM – 11:30 AM

Sites/hosts for 2002 dates

WTSC team
(Proposed)

• Face to Face Meetings

Tuesday – 1 PM to 5 PM (local)

Wednesday – 8:30 AM to 12 PM (local)

<u>Dates</u>	<u>Site</u>	<u>Host</u>
January 8-9*	Tampa	TSI
February 5-6	Las Vegas	All
March 5-6	LittleRock	AllTell
April 2-3	WA DC	Nextel
May 7-8	Seattle	Verizon

June 4-5

Kansas City

Sprint PCS

- **Conference Calls**

12 PM – 4 PM (EDT)

Dates

January 24

February 21

March 21

April 18

May 23

June 20

**Tentative*

11:30 AM – 12:00 PM

Co-chairs

Wrap up/summary of new items

Top 100 MSA's 1990 or 2000 census. Which one is it? To be discussed at the pooling before porting meeting.

BonaFide Request – WNPO – NENA meeting 9/23-25

911 Meeting

Wireline SOA default to 0000

Review next meeting dates