



**ORGANIZACION DE LOS ESTADOS AMERICANOS
ORGANIZATION OF AMERICAN STATES**

**Comisión Interamericana de Telecomunicaciones
Inter-American Telecommunication Commission**

**XVIII MEETING OF PERMANENT CONSULTATIVE
COMMITTEE I: TELECOMMUNICATIONS/
INFORMATION AND COMMUNICATION
TECHNOLOGIES
March 1 to 4, 2011
Lima, Peru**

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FINAL REPORT

**SEMINAR TO SHARE THE EXPERIENCES AND/OR
REGIONAL MODELS ON THE IMPLEMENTATION OF
NUMBER PORTABILITY IN THE AMERICAS**

Item on the Agenda: 4.3)

**(Document submitted by Chair of Sub-Group Numbering and
Addressing)**

1- INTRODUCTION

At the XVII Meeting of PCC.I , was approved the Resolution PCC.I /RES.174(XVII-10) (Annex 2) , to hold a seminar to share regional experience and/or models of implementation of number portability in the Americas , during the meeting of the WGDTS , to *share experiences, models, regulatory aspects and standards about portability issues,*, in the frame work of the of the XVIII meeting of PCC.I.

The seminar was coordinate jointly by the Rapporteur of the Group of Numbering and Addressing representatives of Brazil .The sharing of experience and/or models will help the countries of the region to gain additional elements to evaluate the feasibility of implementing number portability in their countries.

2- Development of seminar

Mr. Walter Calil Jabur Rapporteur of the Group of Numbering and Addressing, open the seminar and explain the importance of portability in scenario of convergence and benefits the consumers of telecommunications services in the America's Region, and the role of Citel CCP.I in this theme.

The seminar was dividing in the following groups:

2.1- In the session 1 ,were presented the experience of countries of the Americas that have already implemented number portability , where the main objective are to share experiences, models, regulatory aspects and standards about portability issues. This Session will consider the present status of number portability implementations in countries that have had systems in place for several years. Aspects to be discussed include: regulatory requirements, competition and consumer benefits, implementation process and lessons learned.

2.2- In the session 1(first part) the following Speakers presented:

a) Mr. Walter Calil from Anatel-Brazil presented the document PCC.I-TIC/doc.2189/11 with the main issues:

- Topology Network;
- Scope of NP in Brazil;
- Main benefits of Portability;
- The model of NP ;
- Technical solution -Routing Number ;

b) Mr. Oscar Avellaneda from Canada presented the document PCC.I-TIC/doc.2172/11 with the main issues:

- The scope of portability in Canada;
- The main rules of NP in Canada;
- The Administrative process of Portability;
- The costs
- LNP and wireless number portability overviews
- Service targets

c) Mr Larry Vagnoni from Neustar /USA presented the document PCC.TIC/doc.2249/11 with the main issues:

- Government Mandates Key to Success
- LNP Minimum Performance Criteria

- NPAC Architecture
- How do Carriers Interface with NPAC
- Case Study - Mobile Industry and LNP
- U.S. Governance Model
- Local Number Portability Administration Working Group
- Lessons Learned
- Benefits of NP Implementation for Regulators , Operators and ,consumers

2.3 In the session 1(second part) will consider the present status of number portability implementations in countries that have recently considered and implemented number portability. Aspects to be discussed include: regulatory considerations, competition, consumer benefits, industry and the implementation process. In this session the following Speakers presented:

a) Mr. Sócrates Martínez from Dominican Republic presented the document PCC.I-TIC/doc.2250/11, with main issues:

- The NP regulation
- The NP scope
- Technical solution-all call query
- Technical committee
- The costs involved
- The actual status of NP Republica Dominicana

b) Mr. Edwin Alberca Gómez from Ecuador presented the document PCC.I-TIC/doc 2253/11, with main issues:

- The NP regulation
- The NP scope
- Technical solution-all call query
- The costs involved
- The actual status of NP on Equator
- Technical solution-all call query

c) Mr. Alvaro Guzmán Gutiérrez from Mexico presented the document PCC.I-TIC/doc 2251/11, with main issues:

- Statistics and monitoring of porting numbers
- Operational especifications of NP
- Portability process
- The main rules of NP in Mexico
- The main problems
- The main results

d) Ms. Verónica Rosa Zambrano from Peru presented the document PCC.I-TIC/doc 2178/11, with main issues:

- Scope of Portability;
- Wireless number portability
- The foster of competition;
- Regulation miliestone ;
- Costs and investiments ;

3- Final Considerations

This seminar bring to the Citel's members the experience of models on the implementation of Number Portability in the Americas .

The results of seminar will provide feedback for the Technical Notebook on Number Portability , and will provide elements necessary to continue identifying the interests of the region with regard to the topic of Number Portability for the future work of the WGDTS.

The sharing of experience and/or models will help the countries of the region to gain additional elements to evaluate the feasibility of implementing number portability in their countries

The Agenda of seminar can be found at Annex .I. (PCC.I-TIC-2149 c1), and the Resolution PCC.I /RES.174(XVII-10) can be found at Annex II .

ANNEX I

DRAFT AGENDA

**SEMINAR ON REGIONAL EXPERIENCES AND/OR
MODELS OF THE IMPLEMENTATION OF NUMBER
PORTABILITY IN THE AMERICAS**

2 March 2011

Lima, Perú

(Item on the Agenda: 4.3.4)

(Document submitted by the Coordinator, Mr. Walter Calil)

14:30 – 14:35 Meeting Opening and Welcoming Remarks

Opening Remarks: CITEL

14:35 – 15:45 Number Portability Overview

What is number portability? Overview and background

Session 1: Experience of countries of the Americas that have already implemented number portability (first part)

Main objective: To share experiences, models, regulatory aspects and standards about portability issues.

This Session will consider the present status of number portability implementations in countries that have had systems in place for several years. Aspects to be discussed include: regulatory requirements, competition and consumer benefits, implementation process and lessons learned.

Speakers:

- Mr. Walter Calil (*General Manager on Quality, Anatel-Brazil*)
- Mr. Oscar Avellaneda (*Senior Manager, NGN Architecture, Industry Canada*)
- Mr. Larry Vagnoni (*United States of America*)

Q&A

15:45– 16:00

Break

16:00 – 17:00

Session 1: Experience of countries of the Americas that have recently adopted and implemented number portability (second part)

This Session will consider the present status of number portability implementations in countries that have recently considered and implemented number portability. Aspects to be discussed include: regulatory considerations, competition, consumer benefits, industry and the implementation process.

Speakers:

- Mr. Sócrates Martínez (*Director of International Relations, Indotel-Dominican Republic*)
- Mr. Edwin Alberca Gómez (*Professional Assistant of the General Direction of Telecommunication Services Management of the National Secretariat of Telecommunications, Ecuador*)
- Mr. Alvaro Guzmán Gutiérrez (*Director of Projects A2 and Alternate technical Secretary of the Portability Committee of COFETEL, Mexico*)
- Ms. Verónica Rosa Zambrano Copello (*Advisor of the High Management of OSIPTEL, Peru*)

Q&A

17:00 – 17:50

Session 2: Roundtable of Member States and industry that is working on number portability

This Session will provide a forum to discuss the issues presented.

Speakers:

- Member States of Session 1
 - Mr. Larry Vagnoni (*Senior Director Customer Relations, Neustar*)
- Q&A

17:50 – 18:00 Seminar Wrap-Up, and Stock-taking

Mr. Walter Calil (*Rapporteur on Telecommunications Numbering and Addressing*)

ANNEX II

PCC.I/RES. 174 (XVII-10) ¹

SEMINAR TO SHARE REGIONAL EXPERIENCES ON THE IMPLEMENTATION OF NUMBER PORTABILITY IN THE AMERICAS

The XVII Meeting of the Permanent Consultative Committee I: Telecommunications/Information and Communications Technologies (PCC.I),

CONSIDERING:

That the terms of reference of the Working Group on Deployment of Technologies and Services (WGDTs) approved by Resolution PCC.I/ RES.163 (XVI-10), and specifically of the Rapporteurship on “Telecommunications Numbering and Addressing” that consider, among others, the study and assessment of technical issues related to portability,

TAKING INTO ACCOUNT:

- a) That at the VII Meeting of the Permanent Consultative Committee I: Telecommunications standardization (PCC.I), in September of 2005 in the city of Washington, DC, United States of America, and also at the XIII Meeting of the Permanent Consultative Committee I: Telecommunication standardization (PCC.I), in August of 2008 in Puerto Iguazú, Misiones, Argentina, the workshop on number portability was carried out;
- b) That the topic prevails in the regulatory Agenda of the countries of the region; that some countries of the region implemented portability at the time; others are analyzing the viability of the topic or are about to carry it out;
- c) That there are experiences and/or relevant regional models about number portability that involve a technical, operational and regulatory treatment (Canada, Brazil, Mexico and United States of America), as well as others;
- d) That sharing said experiences and/or models will help the countries of the region to have more elements to assess the viability regarding whether the implementation of number portability in their countries is viable or not, and will provide feedback to the Technical Notebook on the subject,

RESOLVES:

1. To hold a Seminar during the Working Group on Deployment of Technologies and Services (WGDTs) sessions to share experiences and/or regional models on Number Portability in the Americas, in order to contribute to the sharing of experiences in the framework of the XVIII Meeting of PCC.I, which will be coordinated by the Rapporteur of the Group.
2. To carry out the Seminar in conformity with the agenda included as annex 1 to this Resolution.

¹ CCP.I-TIC/doc. 2108/10 rev.1

3. To request the Group to use the Electronic Forum of CITELE to facilitate the coordination of the Workshop.

INSTRUCT THE EXECUTIVE SECRETARY:

To forward this Resolution to all the Member States and associate members of CITELE, urging them to participate in the Workshop, both as speakers and participants.

ANNEX TO RESOLUTION PCC.I/RES. 174 (XVII-10)

AGENDA OF THE SEMINAR TO SHARE REGIONAL EXPERIENCES ON THE IMPLEMENTATION OF NUMBER PORTABILITY IN THE AMERICAS

- Definition
- Technical aspects
- Operational aspects
- Regulatory aspects
- Regional experiences according to Member States (models) (suggestion)
 - Peru
 - Brazil
 - Canada
 - USA
 - Mexico
- Regional experiences according to the industry
- Q&A session
- Conclusions