

## Third Generation Partnership Project Agreement

Officially recognized Standardization Organizations have agreed to work collaboratively for the production of Third Generation Mobile System specifications. The means for this collaborative activity has been provided in the form of a Partnership Project. The Partners in the Partnership Project are signatories to this Third Generation Partnership Project Agreement, hereinafter referred to as the Agreement.

### CONSIDERING THAT:

- The Partners have agreed to co-operate in the production of globally applicable Technical Specifications and Technical Reports for a 3rd Generation Mobile System based on evolved GSM core networks and the radio access technologies that they support (i.e., Universal Terrestrial Radio Access (UTRA) both Frequency Division Duplex (FDD) and Time Division Duplex (TDD) modes).
- 3GPP is established for the preparation, approval, and maintenance of the above mentioned Technical Specifications and Technical Reports.
- 3GPP is not to be construed as a legal entity.

### FURTHER CONSIDERING THAT:

The 3GPP partnership is characterized by the following attributes:

- uses minimum production time for Technical Specifications and Technical Reports from conception to approval;
- uses fast, electronic based approval processes;
- makes maximum use of modern (electronic) working methods; and
- ensures that decision making takes place at the lowest appropriate levels.

### THE PARTNERS THEREFORE AGREE TO THE FOLLOWING:

#### 1 DEFINITIONS

##### 1.1 3GPP

The acronym "3GPP" shall mean the Third Generation Partnership Project.

##### 1.2 Organizational Partner

An Organizational Partner is any open Standardization Organization, irrespective of geographical location, which has:

- a national, regional or other officially recognized status and the capability and authority to define, publish and set standards within the 3GPP scope, in that nation or region;
- committed itself to all or part of the 3GPP scope; and
- signed this Agreement.

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### 1.3 Market Representation Partner

A Market Representation Partner is any organization which has been invited by the Organizational Partners to take part in 3GPP, irrespective of geographical location, which:

- has the ability to offer advice to 3GPP and to bring into 3GPP a consensus view of market requirements (e.g., services, features and functionality) falling within the 3GPP scope;
- does not have the capability and authority to define, publish and set standards within the 3GPP scope, nationally or regionally;
- has committed itself to all or part of the 3GPP scope; and
- has signed this Agreement.

### 1.4 Partners

The term "Partners" shall be used in this Agreement to describe Organizational Partners and Market Representation Partners when referred to collectively.

## 2 GENERAL

### 2.1 Purpose of 3GPP

The purpose of 3GPP is to prepare, approve and maintain globally applicable Technical Specifications and Technical Reports for a 3rd Generation Mobile System based on the evolved GSM core networks, and the radio access technologies supported by the Partners (i.e., UTRA both FDD and TDD modes), to be transposed by the Organizational Partners into appropriate deliverables (e.g., standards).

### 2.2 Structure of 3GPP

3GPP shall consist of:

- A Project Co-ordination Group (PCG); and
- Technical Specification Groups (TSGs).

The Technical Specification Groups may establish Working Groups if required.

The Organizational Partners of 3GPP shall hold regular meetings.

The Organizational Partners may decide to call a meeting of the full 3GPP membership if required.

### 2.3 Scope and objectives of 3GPP

Initially, 3GPP shall prepare, approve and maintain the necessary set of Technical Specifications and Technical Reports for the first phase of a 3rd Generation Mobile System including:

- UTRAN (including UTRA, W-CDMA in Frequency Division Duplex (FDD) mode and TD-CDMA in Time Division Duplex (TDD) mode);
- 3GPP Core Network (Third Generation networking capabilities evolved from GSM. These capabilities include mobility management and global roaming);
- Terminals for access to the above (including specifications for a UIM); and
- System and service aspects.

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The Technical Specifications and Technical Reports shall be developed in view of global roaming and circulation of terminals.

The set of 3GPP Technical Specifications and Technical Reports for the first phase of the 3GPP core network and the specifications for the GSM core network should be common to the greatest extent possible and should not be unnecessarily different.

The results of the 3GPP work shall form the basis of member contributions to the ITU in accordance with existing procedures.

3GPP shall take account of emerging ITU recommendations on interworking between IMT-2000 family members.

In the framework of agreed relationships, the 3GPP Technical Specifications and Technical Reports will form the basis of standards, or parts of standards, of the Organizational Partners.

## **2.4 Additional documentation applicable to 3GPP**

The following additional documentation form part of 3GPP:

- the Third Generation Partnership Project Description; and
- the Third Generation Partnership Project Working Procedures.

## **3 ORGANIZATIONAL PARTNERS**

### **3.1 Undertakings of Organizational Partners.**

The Organizational Partners shall undertake to:

- encourage their members to contribute to the common set of Technical Specifications and Technical Reports and to avoid duplication of work;
- convert / transpose / adopt all relevant Technical Specifications and Technical Reports resulting from 3GPP into their own relevant deliverables through their normal processes;
- identify as early as possible, any national / regional regulatory requirements that may lead to options within the Technical Specifications and Technical Reports;
- make their IPR Policy available for consideration by the other Organizational Partners;
- encourage that their IPR Policies are respected by their members (i.e., encourage their members to declare at the earliest opportunity any Intellectual Property Rights which they may have and believe to be essential, or potentially essential, to any ongoing work within 3GPP);
- encourage their respective members to declare their willingness to grant licences on fair, reasonable terms and conditions on a non discriminatory basis, and consistent with their IPR Policy; and
- contribute to the resources necessary for the operation of 3GPP.

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### **3.2 Rights of the Organizational Partners**

#### **3.2.1 Participation in the 3GPP work**

Organizational Partners have the right to participate in the work of the Project Co-ordination Group.

Organizational Partners have the right to participate in the work of the Technical Specification Groups.

Members of Organizational Partners (Individual Members) have the right to participate in the work of the Technical Specification Groups. They shall act in their own right and shall carry the full responsibility for their contributions.

#### **3.2.2 Joint Copyright**

The Organizational Partners shall jointly own copyright on the Technical Specifications and Technical Reports approved by 3GPP. For candidate Organizational Partners, their copyright on work already ongoing or completed within 3GPP shall be decided by the Organizational Partners on a case-by-case basis.

## **4 MARKET REPRESENTATION PARTNERS**

### **4.1 Undertakings of the Market Representation Partners**

The Market Representation Partners shall undertake to:

- commit themselves to the promotion of 3GPP;
- encourage their members to contribute to the common objectives of the 3GPP and to avoid duplication of work;
- offer advice to 3GPP and to bring into 3GPP a consensus view of market requirements (e.g., services, features and functionality) falling within the 3GPP scope; and
- define the 3GPP system and service scenarios;

### **4.2 Rights of the Market Representation Partners**

#### **4.2.1 Participation in the 3GPP work**

Market Representation Partners have the right to participate in the work of the Project Co-ordination Group.

Market Representation Partners have the right to participate in the work of the Technical Specification Groups.

## **5 MODIFICATIONS**

The present Agreement may only be modified by consensus agreement amongst the signatories. The signatories shall be given at least 30 days written notice of the proposed modifications. Any assignment of rights (e.g., participation, copyright ownership) under this Agreement shall be considered as a modification to this Agreement.

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## 6 TERMINATION

If a Partner desires to withdraw from 3GPP it shall give 6 months written notice.

## 7 DURATION

This Agreement shall remain valid until the Organizational Partners decide otherwise.

## 8 DISSOLUTION

In the event of a voluntary dissolution of 3GPP, the Organizational Partners shall determine the terms of dissolution by consensus. All issues shall be documented and distributed at least 30 days in advance of the agreement.

## 9 DISPUTE SETTLEMENT

In the event of a dispute arising between Partners, related to this Partnership Project, the Partners concerned shall use all means at their disposal to endeavour to resolve the dispute by internal arbitration and conciliation.

## 10 ADDITIONAL PARTNERSHIPS

Partnership in 3GPP, as defined in the definition section and in clauses 3 and 4 of the present Agreement, is open to organizations irrespective of their geographical location.

Any additional Partnership in 3GPP shall be approved, on a consensus basis, by the existing Organizational Partners.

The consensus decision from the Organizational Partners with the Name, Title, Organization, Address, Signature of the new Partner and the Date of signature shall be annexed to this Agreement.






Annexes shall be considered as an integral part of this Agreement.

## 11 PARTICIPATION IN OTHER STANDARDIZATION ACTIVITIES

Signatories to this Agreement shall not be excluded from participation in other partnership projects or other standardization activities.

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**This Agreement is entered into by and between the following Organizational Partners:**

<p style="text-align: center;"><b>ARIB</b></p> <p>Mr Hiroshi Furukawa Senior Managing Director ARIB Association of Radio Industries and Businesses Nittochi Building 14F, 1-4-1 Kasumigaseki Chiyoda-ku, Tokyo 100-0013 JAPAN</p> <p>Signature </p> <p>Date 4 December 1998</p>	<p style="text-align: center;"><b>ETSI</b></p> <p>Mr Karl Heinz Rosenbrock Director General ETSI European Telecommunication Standards Institute 650, route des lucioles F-06921 Sophia Antipolis Cedex FRANCE</p> <p>Signature </p> <p>Date 4 December 1998</p>
<p style="text-align: center;"><b>T1</b></p> <p>Dr Asok Chatterjee Head of T1 3GPP delegation as authorized by Mr Gerald Peterson, Committee T1 Chairman T1 Secretariat 1200 G Street NW, Suite 500 Washington, DC USA</p> <p>Signature </p> <p>Date 4 December 1998</p>	<p style="text-align: center;"><b>TTA</b></p> <p>Dr Kyu-Jin Wee Chairman SC-7 TTA Telecommunications Technology Association 13<sup>th</sup> Floor Sejongro Daewoo Building 167 Naesoo-dong chongro Seoul KOREA</p> <p>Signature </p> <p>Date 4 December 1998</p>
<p style="text-align: center;"><b>TTC</b></p> <p>Mr Nobuhiro Horisaki Executive Managing Director TTC Telecommunications Technology Committee 1-2-11, Hamamatsu-cho, Minato-ku, Tokyo, 105-0013 JAPAN</p> <p>Signature </p> <p>Date 4 December 1998</p>	

Executed in 5 originals



**Annex 1 This Agreement is entered into by the following Market Representation Partner:**

**UMTS Forum**

Name: Thomas Beijer  
 Title: Chairman  
 Address: UMTS Forum  
 Russel Square Howe  
 10-12 Russel Square  
 London, WC1B 5EE U.K

Date 9 December 1998

Thomas Beijer

Authorised by the existing Partners



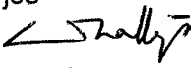
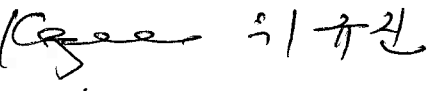


<p style="text-align: center;"><b>ARIB</b></p> <p>Mr Hiroshi Furukawa                  Signature <i>Hiroshi Furukawa</i>                  Date 4 December 1998</p>	<p style="text-align: center;"><b>ETSI</b></p> <p>Mr Karl Heinz Rosenbrock                  Signature <i>Karl Heinz Rosenbrock</i>                  Date 4 December 1998</p>
<p style="text-align: center;"><b>T1</b></p> <p>Dr Asok Chatterjee                  Signature <i>Asok Chatterjee</i>                  Date 4 December 1998</p>	<p style="text-align: center;"><b>TTA</b></p> <p>Dr Kyu-Jin Wee                  Signature <i>위 쥬 진</i>                  Date 4 December 1998</p>
<p style="text-align: center;"><b>TTC</b></p> <p>Mr Nobuhiro Horisaki                  Signature <i>Nob Horisaki</i>                  Date 4 December 1998</p>	

**Annex 2 This Agreement is entered into by the following Market Representation Partner:**

**Global Mobile Suppliers Association (GSA)**

Name: Mr Alan Hadden  
 Title: President  
 Address: GSA Secretariat  
 Europa House  
 Church Street  
 Old Isleworth  
 TW7 6BW Middlesex  
 United Kingdom  
 Signature   
 Date 24<sup>th</sup> February 1999

Authorised by the existing Partners

<b>ARIB</b>	<b>ETSI</b>
Mr Hiroshi Furukawa Signature 	Mr Karl Heinz Rosenbrock Signature 
Date 9 March 1999	Date 24 February 1999
<b>T1</b>	<b>TTA</b>
Dr Asok Chatterjee Signature 	Dr Kyu-Jin Wee Signature 
Date 1 March, 1999	Date 1. March 1999
<b>TTC</b>	<b>UMTS Forum</b>
Mr Nobuhiro Horisaki Signature 	Dr Bernd Eylert Signature 
Date 9 March 1999	Date 24 Feb 1999

Executed in 7 originals



**Annex 3 This Agreement is entered into by the following Market Representation Partner:**

**GSM Association**

Name: Mr Michael Stocks

Title: Chairman

Address: GSM Association  
Avoca Court  
Temple Road  
Blackrock  
Co Dublin  
Ireland

Signature

Date 27 May 1999

Authorised by the existing Partners

<p style="text-align: center;"><b>ARIB</b></p> <p>Mr Hiroshi Furukawa Signature <i>Hiroshi Furukawa</i> Date <i>27 May</i> 1999</p>	<p style="text-align: center;"><b>ETSI</b></p> <p>Mr Karl Heinz Rosenbrock Signature <i>Karl Heinz Rosenbrock</i> Date <i>27 May</i> 1999</p>
<p style="text-align: center;"><b>T1</b></p> <p>Dr Asok Chatterjee Signature <i>Asok Chatterjee</i> Date <i>27 May</i>, 1999</p>	<p style="text-align: center;"><b>TTA</b></p> <p>Dr Kyu-Jin Wee Signature <i>Kyu-Jin Wee</i> Date <i>27 May</i> 1999</p>
<p style="text-align: center;"><b>TTC</b></p> <p>Mr Nobuhiro Horisaki Signature <i>Nob Horisaki</i> Date <i>27 May</i> 1999</p>	<p style="text-align: center;"><b>UMTS Forum</b></p> <p>Dr Bernd Eylert Signature <i>B. Eylert</i> Date <i>27 May</i> 1999</p>
<p style="text-align: center;"><b>GSA</b></p> <p>Mr Alan Hadden Signature <i>Alan Hadden</i> Date <i>27th May</i> 1999</p>	

Executed in 8 originals

**Annex 4 This Agreement is entered into by the following Organizational Partner:**

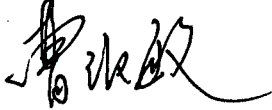
**China Wireless Telecommunication Standard Group (CWTS)**

Name: Ms Shumin Cao

Title: Chairperson

Address: China Wireless Telecommunication Standard Group (CWTS)  
 Research Institute of Telecommunication Transmission, MII  
 No. 11 Yue Tan Nan Jie  
 Beijing, 100-045  
 People's Republic of China

Signature



Date 27 May 1999

*Organization is now a part of 3GPP Organization  
 accepted as a 3GPP Organization  
 27 May 2003*

Authorised by the existing Partners

<p><b>ARIB</b>                  Mr Hiroshi Furukawa                  Signature <i>Hiroshi Furukawa</i>                  Date <i>27 May</i> 1999</p>	<p><b>ETSI</b>                  Mr Karl Heinz Rosenbrock                  Signature <i>Karl Heinz Rosenbrock</i>                  Date <i>27 May</i> 1999</p>
<p><b>TTT</b>                  Dr Asok Chatterjee                  Signature <i>Asok Chatterjee</i>                  Date <i>27 May</i> 1999</p>	<p><b>TTA</b>                  Dr Kyu-Jin Wee                  Signature <i>Kyu-Jin Wee</i>                  Date <i>27 May</i> 1999</p>
<p><b>TTC</b>                  Mr Nobuhiro Horiuchi                  Signature <i>Nobuhiro Horiuchi</i>                  Date <i>27 May</i> 1999</p>	<p><b>UMTS Forum</b>                  Dr Bernd Eylert                  Signature <i>B. Eylert</i>                  Date <i>27 May</i> 1999</p>
<p><b>CSA</b>                  Mr Alan Hadden                  Signature <i>Alan Hadden</i>                  Date <i>27 May</i> 1999</p>	<p><b>GSM Association</b>                  Mr Michael Stocks                  Signature <i>Michael Stocks</i>                  Date 1999</p>

Executed in 9 originals

**Annex 5 This Agreement is entered into by the following Market Representation Partner:**

**Universal Wireless Communications Consortium (UWCC)**

Name: Mr Leo Nikkari  
 Title: Vice President, Strategy and Industry Relations  
 Address: 1800 112<sup>th</sup> Avenue NE, Suite 260E  
 Bellvue  
 Washington  
 USA 98004-2937  
 Signature: *Leo Nikkari*  
 Date: 20 September 1999

Authorised by the existing Partners

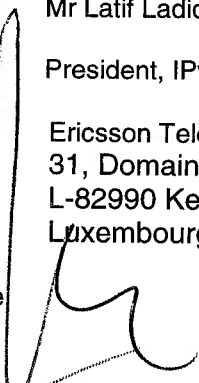
*Partnership is no longer in existence  
 was cancelled on  
 April 2002*

<p><b>ARR</b>                      Mr Hiroshi Furukawa                      Signature: <i>Hiroshi Furukawa</i>                      Date: <i>20 Sept.</i> 1999</p>	<p><b>ETSI</b>                      Mr Heinz Rosenbrock                      Signature: <i>Heinz Rosenbrock</i>                      Date: <i>20 Sept.</i> 1999</p>
<p><b>T1</b>                      Dr Asok Chatterjee                      Signature: <i>Asok Chatterjee</i>                      Date: <i>20 September</i>, 1999</p>	<p><b>TTA</b>                      Dr Kyu-Jin Wee                      Signature: <i>Kyu-Jin Wee</i>                      Date: <i>20 Sep.</i> 1999</p>
<p><b>TTC</b>                      Mr Nobuhiro Honisaki                      Signature: <i>Nob Honisaki</i>                      Date: <i>20 Sep</i> 1999</p>	<p><b>UMTS Forum</b>                      Dr Bernd Eylert                      Signature: <i>Bernd Eylert</i>                      Date: <i>21 October</i> 1999</p>
<p><b>GSA</b>                      Mr Alan Hadden                      Signature: <i>Alan Hadden</i>                      Date: <i>20 October</i> 1999</p>	<p><b>GSM Association</b>                      Mr Michael Stocks                      Signature: <i>Michael Stocks</i>                      Date: <i>20 Oct</i> 1999</p>
<p><b>CWTS</b>                      Ms Shumin Cao                      Signature: <i>Shumin Cao</i>                      Date: <i>11月3日</i> 1999</p>	

Executed in 10 originals

**Annex 6 This Agreement is entered into by the following Market Representation Partner:**

**IPv6 Forum**

Name: Mr Latif Ladid  
 Title: President, IPv6 Forum  
 Address: Ericsson Telebit A/S  
 31, Domaine de Brameschhof  
 L-82990 Kehlen  
 Luxembourg  
 Signature:   
 Date: 18 January 2000

Authorised by the existing Partners

<p style="text-align: center;"><b>ARIB</b></p> <p>Mr Hiroshi Furukawa                      Signature <i>Ab. o. Sasaki for Mr. Furukawa</i>                      Date <i>Jan. 18, 2000</i></p>	<p style="text-align: center;"><b>ETSI</b></p> <p>Mr Karl Heinz Rosenbrock                      Signature <i>Karl Heinz Rosenbrock</i>                      Date <i>18 Jan. 2000</i></p>
<p style="text-align: center;"><b>T1</b></p> <p>Dr Asok Chatterjee                      Signature <i>Asok Chatterjee</i>                      Date <i>1/18/2000</i></p>	<p style="text-align: center;"><b>TTA</b></p> <p>Dr Kyu-Jin Wee                      Signature <i>Kyu-Jin Wee</i>                      Date <i>1/18/2000</i></p>
<p style="text-align: center;"><b>TTC</b></p> <p>Mr Nobuhiro Horisaki                      Signature <i>Nobuhiro Horisaki for Nob. Horisaki</i>                      Date <i>18 Jan. 2000</i></p>	<p style="text-align: center;"><b>UMTS Forum</b></p> <p>Dr Bernd Eylert                      Signature <i>B. Eylert</i>                      Date <i>18 January 2000</i></p>
<p style="text-align: center;"><b>GSA</b></p> <p>Mr Alan Hadden                      Signature <i>Alan Hadden</i>                      Date <i>18/1/00</i></p>	<p style="text-align: center;"><b>GSM Association</b></p> <p>Mr Michael Stocks                      Signature <i>Michael Stocks</i>                      Date <i>3/2/2000</i></p>
<p style="text-align: center;"><b>CWTS</b></p> <p>Ms Shumin Cao                      Signature <i>Shumin Cao</i>                      Date <i>2000.1.18</i></p>	<p style="text-align: center;"><b>UWCC</b></p> <p>Mr Leo Nikkari                      Signature <i>Leo Nikkari</i>                      Date <i>1/18/2000</i></p>

Executed in 11 originals

## Annex 7 Modification to the Scope and Purpose of 3GPP:

This Annex modifies the Scope and Purpose of 3GPP. Modified clauses have been reproduced in full with the additional text provided in italic, underlined font.

### Page 1

#### CONSIDERING THAT:

- The Partners have agreed to co-operate in the production of globally applicable Technical Specifications and Technical Reports for a 3rd Generation Mobile System based on evolved GSM core networks and the radio access technologies that they support (i.e., Universal Terrestrial Radio Access (UTRA) both Frequency Division Duplex (FDD) and Time Division Duplex (TDD) modes).
- The Partners have further agreed to co-operate in the maintenance and development of the Global System for Mobile communication (GSM) Technical Specifications and Technical Reports including GSM evolved radio access technologies (e.g. General Packet Radio Service (GPRS) and Enhanced Data rates for GSM Evolution (EDGE)).
- 3GPP is established for the preparation, approval, and maintenance of the above mentioned Technical Specifications and Technical Reports.
- 3GPP is not to be construed as a legal entity.

### Page 2

#### 2.1 Purpose of 3GPP

The purpose of 3GPP is to prepare, approve and maintain globally applicable Technical Specifications and Technical Reports for:

- a 3rd Generation Mobile System based on the evolved GSM core networks, and the radio access technologies supported by the Partners (i.e., UTRA both FDD and TDD modes), to be transposed by the Organizational Partners into appropriate deliverables (e.g., standards).
- the Global System for Mobile communication (GSM) including GSM evolved radio access technologies (e.g. General Packet Radio Service (GPRS) and Enhanced Data rates for GSM Evolution (EDGE)).

#### 2.3 Scope and objectives of 3GPP.

Initially, 3GPP shall prepare, approve and maintain the necessary set of Technical Specifications and Technical Reports for the first phase of a 3rd Generation Mobile System including:

- UTRAN (including UTRA; W-CDMA in Frequency Division Duplex (FDD) mode and TD-CDMA in Time Division Duplex (TDD) modes);
- 3GPP Core Network (Third Generation networking capabilities evolved from GSM. These capabilities include mobility management, and global roaming, and utilisation of relevant Internet Protocols);
- Terminals for access to the above (including specifications for a UIM); and
- System and service aspects.

3GPP shall prepare, approve and maintain the necessary set of Technical Specifications and Technical Reports for:

- the Global System for Mobile communication (GSM) including GSM evolved radio access technologies (e.g. General Packet Radio Service (GPRS) and Enhanced Data rates for GSM Evolution (EDGE)).

3GPP shall consider the long term evolution.

The Technical Specifications and Technical Reports shall be developed in view of global roaming and circulation of terminals.

The set of 3GPP Technical Specifications and Technical Reports for the first phase of the 3GPP core network and the specifications for the GSM core network should be common to the greatest extent possible and should not be unnecessarily different.

The results of the 3GPP work shall form the basis of member contributions to the ITU in accordance with existing procedures.

3GPP shall take account of emerging ITU recommendations on interworking between IMT-2000 family members.

In the framework of agreed relationships, the 3GPP Technical Specifications and Technical Reports will form the basis of standards, or parts of standards, of the Organizational Partners.

Authorised by the Partners

<p style="text-align: center;"><b>ARIB</b></p> <p>Mr Hiroshi Furukawa Signature <i>Hiroshi Furukawa</i> Date <i>28 July 2000</i></p>	<p style="text-align: center;"><b>ETSI</b></p> <p>Mr Karl Heinz Rosenbrock Signature <i>Karl Heinz Rosenbrock</i> Date <i>15 July 2000</i></p>
<p style="text-align: center;"><b>T1</b></p> <p>Dr Asok Chatterjee Signature <i>Asok Chatterjee</i> Date <i>7/19/2000</i></p>	<p style="text-align: center;"><b>TTA</b></p> <p>Mr Dong Sun Lee Signature <i>Dong Sun Lee</i> Date <i>07/28/2000</i></p>
<p style="text-align: center;"><b>TTC</b></p> <p>Mr Nobuhiro Horisaki Signature <i>Nob Horisaki</i> Date <i>19 Jul 2000</i></p>	<p style="text-align: center;"><b>UMTS Forum</b></p> <p>Dr Bernd Eylert Signature <i>B. Eylert</i> Date <i>15 Aug 2000</i></p>
<p style="text-align: center;"><b>GSA</b></p> <p>Mr Alan Hadden Signature <i>Alan Hadden</i> Date <i>14 Aug 2000</i></p>	<p style="text-align: center;"><b>GSM Association</b></p> <p>Mr James Healy Signature <i>James Healy</i> Date <i>14 Jul 00</i></p>
<p style="text-align: center;"><b>CWTS</b></p> <p>Ms Shumin Cao Signature <i>Shumin Cao</i> Date <i>2000.7.11</i></p>	<p style="text-align: center;"><b>UWCC</b></p> <p>Mr Leo Nikkari Signature <i>Leo Nikkari</i> Date <i>July 17, 2000</i></p>
<p style="text-align: center;"><b>IPv6 Forum</b></p> <p>Mr Latif Ladid Signature <i>Latif Ladid</i> Date <i>4/8/2000</i></p>	

Executed in 11 originals

**Annex 8 This Agreement is entered into by the following Market Representation Partner:**

**Mobile Wireless Internet Forum (MWIF)**

Name: Mr Dean Sirovica  
 Title: President and Chairman  
 Address: 39355 California Street, Suite 305  
 Fremont, CA 94541  
 USA

Signature *D. Sirovica*

Date *15/11/00*

Authorised by the existing Partners

*This Partnership Status is no longer in existence cancelled on 15 April 2003*

<p><b>ARIB</b>                  Mr Hiroshi Furukawa                  Signature <i>Hiroshi Furukawa</i>                  Date <i>15/11/2000</i></p>	<p><b>ETSI</b>                  Mr Karl Heinz Rosenbrock                  Signature <i>Karl Heinz Rosenbrock</i>                  Date <i>15 Nov. 2000</i></p>
<p><b>TTT</b>                  Dr Asok Chatterjee                  Signature <i>Asok Chatterjee</i>                  Date <i>15/11/2000</i></p>	<p><b>TTA</b>                  Dr Kyu-Jin Wee                  Signature <i>Kyu-Jin Wee</i>                  Date <i>11/15/2000</i></p>
<p><b>TTC</b>                  Mr Nobuhiro Horisaki                  Signature <i>Nob Horisaki</i>                  Date <i>15 Nov 2000</i></p>	<p><b>UMTS Forum</b>                  Dr Bernd Eylert                  Signature <i>B. Eylert</i>                  Date <i>15th November 2000</i></p>
<p><b>OSA</b>                  Mr Alan Hadden                  Signature <i>Alan Hadden</i>                  Date <i>15 Nov 2000</i></p>	<p><b>GSM Association</b>                  Mr Michael Stocks                  Signature <i>Michael Stocks</i>                  Date <i>2/10/03</i></p>
<p><b>CWIS</b>                  Ms Shumin Cao                  Signature <i>Shumin Cao</i>                  Date <i>15 Nov. 2000</i></p>	<p><b>UWCC</b>                  Mr Leo Nikkari                  Signature <i>Leo Nikkari</i>                  Date <i>15 Nov 2000</i></p>
<p><b>IPv6 Forum</b>                  Mr Latif Ladid                  Signature <i>Latif Ladid</i>                  Date <i>15 Nov '00</i></p>	

Executed in 12 originals

**Annex 9 This Agreement is entered into by the following Market Representation Partner:**

**3G.IP Focus Group (3G.IP)**

Name: Mr Brian K Daly  
 Title: Chair, Management Steering Committee  
 Address: AT&T Wireless Services  
 PO Box 97061  
 Redmond, WA 98-73-9761  
 USA  
 Signature: *Brian K Daly*  
 Date: 15 Nov 2000  
 Authorised by the existing Partners

*This Partnership status is no longer in existence  
 cancelled on 15 Nov 2003*

<p><b>ARIB</b>                  Mr Hiroshi Furukawa                  Signature: <i>Hiroshi Furukawa</i>                  Date: <i>Nov. 15/2000</i></p>	<p><b>ETSI</b>                  Mr Karl Heinz Rosenbrock                  Signature: <i>Karl Heinz Rosenbrock</i>                  Date: <i>15 Nov. 2000</i></p>
<p><b>TTT</b>                  Dr Asok Chatterjee                  Signature: <i>Asok Chatterjee</i>                  Date: <i>15/11/2000</i></p>	<p><b>TTA</b>                  Dr Kyu-Jin Wee                  Signature: <i>Kyu-Jin Wee</i>                  Date: <i>15 Nov 2000</i></p>
<p><b>TTC</b>                  Mr Nobuniro Horisaki                  Signature: <i>Nobuniro Horisaki</i>                  Date: <i>15 Nov 2000</i></p>	<p><b>UMTS Forum</b>                  Dr Bernd Eylert                  Signature: <i>B. Eylert</i>                  Date: <i>5th November 2000</i></p>
<p><b>GSA</b>                  Mr Alan Hadden                  Signature: <i>Alan Hadden</i>                  Date: <i>15 Nov 2000</i></p>	<p><b>GSM Association</b>                  Mr Michael Stocks                  Signature: <i>Michael Stocks</i>                  Date: <i>2/10/03</i></p>
<p><b>CWTS</b>                  Ms Shumin Cao                  Signature: <i>Shumin Cao</i>                  Date: <i>15 Nov. 2000</i></p>	<p><b>UWCC</b>                  Mr Leo Nikkari                  Signature: <i>Leo Nikkari</i>                  Date: <i>15 NOV 2000</i></p>
<p><b>IPv6 Forum</b>                  Mr Latif Ladid                  Signature: <i>Latif Ladid</i>                  Date: <i>15 Nov '00</i></p>	<p><b>MWIF</b>                  Mr Dean Sirovica                  Signature: <i>Dean Sirovica</i>                  Date: <i>15 NOV 00</i></p>

Executed in 13 originals



**Annex 10 This Agreement is entered into by the following Market Representation Partner:**

**3G Americas, LLC**

Name: Mr Chris Pearson  
 Title: Executive Vice President  
 Address: 1756 114<sup>th</sup> Ave SE, Suite 100  
 Bellevue, WA 98004  
 USA

Signature *Chris Pearson*

Date 26 April 2002

Authorised by the existing Partners

<b>ARIB</b>	<b>ETSI</b>
Mr Masayoshi Wakao Signature <i>p.o. Masayoshi Wakao</i>	Mr Karl Heinz Rosenbrock Signature <i>Karl Heinz Rosenbrock</i>
Date <i>26/04/02</i>	Date <i>26 April 2002</i>
<b>T1</b>	<b>TTA</b>
Dr Asok Chatterjee Signature <i>Asok Chatterjee</i>	Dr Ju Hwan Yim Signature <i>Park Jeong Sik</i>
Date <i>4/26/2002</i>	Date <i>26 April 2002</i>
<b>TTC</b>	<b>UMTS Forum</b>
Mr Nobuhiro Horisaki Signature <i>Nob Horisaki</i>	Dr Bernd Eylert Signature <i>B. Eylert</i>
Date <i>26 Apr 2002</i>	Date <i>26/4/02</i>
<b>GSA</b>	<b>GSM Association</b>
Mr Alan Hadden Signature <i>Alan Hadden</i>	Mr Scott Fox Signature <i>Scott Fox</i>
Date <i>April 26, 2002</i>	Date <i>2/10/03</i>
<b>CWTS</b>	<b>IPv6 Forum</b>
Ms Shumin Cao Signature <i>Shumin Cao</i>	Mr Latif Ladid Signature <i>p.o. Latif Ladid</i>
Date <i>26/4/02</i>	Date <i>Oct. 2, 2003</i>
<b>MWIF</b>	<b>3G.IP</b>
Mr Dean Sirovica Signature	Mr Brian Daly Signature
Date	Date

Executed in 13 originals

**Annex 11 This Agreement is entered into by the following Organizational Partner:**

**China Communications Standards Association, CCSA**

Name: Mr Zhou Baoxin

Title: General Secretary of China Communications Standards Association (CCSA)

Address: 52# Hua Yuan Bei Road  
Haidian District  
Beijing  
P.R.China 100083

Signature *Wangzhigui*

Date 15 April 2004

Authorised by the existing Partners

<p style="text-align: center;"><b>ARIB</b></p> <p>Mr Masayoshi Wakao Signature <i>Kohji Satoh P.P.</i> Date <i>15 April 2004</i></p>	<p style="text-align: center;"><b>ETSI</b></p> <p>Mr Karl Heinz Rosenbrock Signature <i>Karl Heinz Rosenbrock</i> Date <i>15 April 2004</i></p>
<p style="text-align: center;"><b>T1</b></p> <p>Dr Asok Chatterjee Signature <i>Asok Chatterjee</i> Date <i>4/15/2004</i></p>	<p style="text-align: center;"><b>TTA</b></p> <p>Dr Ju Hwan Yim Signature <i>PP Hong Won Kwe</i> Date <i>15 APR 2004</i></p>
<p style="text-align: center;"><b>TTC</b></p> <p>Mr Nobuhiro Horisaki Signature <i>Nob Horisaki</i> Date <i>15 / APR / 2004</i></p>	<p style="text-align: center;"><b>UMTS Forum</b></p> <p>Mr Jean-Pierre Bienaimé Signature <i>Jean-Pierre Bienaimé</i> Date <i>15/04/2004</i></p>
<p style="text-align: center;"><b>GSA</b></p> <p>Mr Alan Hadden Signature <i>Alan Hadden</i> Date <i>15 April 2004</i></p>	<p style="text-align: center;"><b>GSM Association</b></p> <p>Mr Bill Best Signature <i>Bill Best</i> Date <i>15/04/04</i></p>
<p style="text-align: center;"><b>IPv6 Forum</b></p> <p>Mr Latif Ladid Signature Date</p>	

Executed in 10 originals

**Annex 12 This Agreement is entered into by the following Organizational Partner:**

**Alliance for Telecommunications Industry Solutions, ATIS  
(Replacing Committee T1)**

Name: Mrs Susan Miller





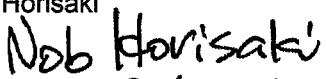

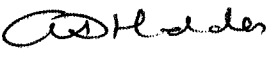

Title: President and CEO of the Alliance for Telecommunications Industry Solutions

Address: 1200 G Street NW  
Suite 500  
Washington, DC, 20005  
USA

Signature 

Date 15 April 2004

Authorised by the existing Partners

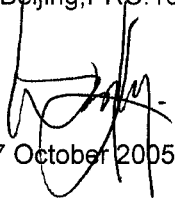
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<p><b>ETSI</b> Mr Karl Heinz Rosenbrock Signature  Date 15 April 2004</p>	<p><b>TTA</b> Dr Ju Hwan Yim Signature  Date 15 APR 2004</p>
<p><b>TTC</b> Mr Nobuhiro Horisaki Signature  Date 15 / APR / 2004</p>	<p><b>UMTS Forum</b> Mr Jean-Pierre Bienaimé Signature  Date 15/04/2004</p>
<p><b>GSA</b> Mr Alan Hadden Signature  Date 15 April 2004</p>	<p><b>GSM Association</b> Mr Bill Best Signature  Date 15/04/04</p>
<p><b>IPv6 Forum</b> Mr Latif Ladid Signature Date</p>	

Executed in 10 originals

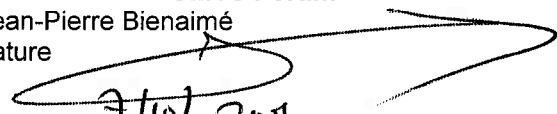
**Annex 13 This Agreement is entered into by the following Market Representation Partner:**

**TD SCDMA FORUM**

Name: Dr. Jing Wang  
 Title: Secretary General  
 Address: TD SCDMA Forum  
 Add, Room 1021, Office Tower,  
 Beijing Capital Times Square,  
 No.88 West Chang'an Avenue,  
 Beijing, PRC. 100031

Signature   
 Date 7 October 2005

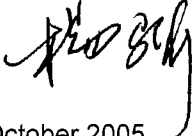
Authorised by the existing Partners

<p><b>ARIB</b>                      Mr Masayoshi Wakao                      Signature <i>Kohji Satoh (for Mr. M. Wakao)</i>                      Date 07/10/2005</p>	<p><b>ATIS</b>                      Mrs Susan Miller                      Signature <i>Sally (for Susan Miller)</i>                      Date 10/07/2005</p>
<p><b>CCSA</b>                      Mr Zhou Baoxin                      Signature <i>Wang Zhiguo</i>                      Date 07/10/2005</p>	<p><b>ETSI</b>                      Mr Karl Heinz Rosenbrock                      Signature <i>Karl Heinz Rosenbrock</i>                      Date 07 Oct. 2005</p>
<p><b>TTA</b>                      Dr Hong Koo Kim                      Signature <i>Jeong Sik Park</i>                      Date 07/Oct./2005</p>	<p><b>TTC</b>                      Mr Nobuhiro Horisaki                      Signature <i>Nob Horisaki</i>                      Date 7/Oct/2005</p>
<p><b>GSA</b>                      Mr Alan Hadden                      Signature <i>Alan Hadden</i>                      Date 7<sup>th</sup> October 2005</p>	<p><b>GSM Association</b>                      Mr David McDonald                      Signature <i>David McDonald</i>                      Date 10/7/05</p>
<p><b>IPv6 Forum</b>                      Mr Latif Ladid                      Signature                      Date</p>	<p><b>3G Americas</b>                      Mr Chris Pearson                      Signature <i>Chris Pearson</i>                      Date 10-7-05</p>
<p><b>UMTS Forum</b>                      Mr Jean-Pierre Bienaimé                      Signature                       Date 7/10/2005</p>	


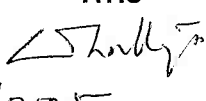


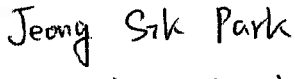
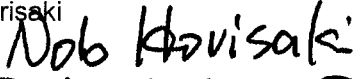
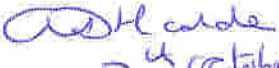
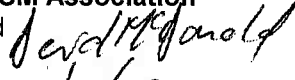
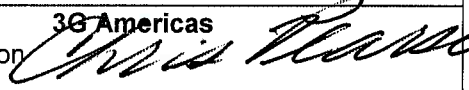
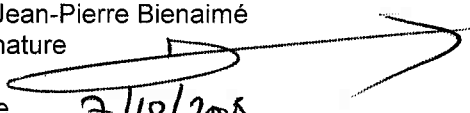
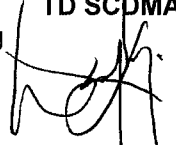
Executed in 12 originals

**Annex 14 This Agreement is entered into by the following Market Representation Partner:**

**TD SCDMA Industry Alliance**

Name: Mr. Yang Hua  
 Title: Secretary General  
 Address: TDIA  
 611 Canway Building,  
 66 Nan Li Shi Road,  
 Beijing, 100045 P.R.China  
 Signature:   
 Date: 7 October 2005

Authorised by the existing Partners

<p><b>ARIB</b>                      Mr Masayoshi Wakao                      Signature:                       Date: 07/10/2005</p>	<p><b>ATIS</b>                      Mrs Susan Miller                      Signature:                       Date: 10/07/2005</p>
<p><b>CCSA</b>                      Mr Zhou Baoxin                      Signature:                       Date: 07/10/2005</p>	<p><b>ETSI</b>                      Mr Karl Heinz Rosenbrock                      Signature:                       Date: 07 Oct. 2005</p>
<p><b>TTA</b>                      Dr Hong Koo Kim                      Signature:                       Date: 07/10/2005</p>	<p><b>TTC</b>                      Mr Nobuhiro Horisaki                      Signature:                       Date: 7/10/2005</p>
<p><b>GSA</b>                      Mr Alan Hadden                      Signature:                       Date: 7<sup>th</sup> October 2005</p>	<p><b>GSM Association</b>                      Mr David McDonald                      Signature:                       Date: 7/10/05</p>
<p><b>IPv6 Forum</b>                      Mr Latif Ladid                      Signature: _____                      Date: _____</p>	<p><b>3G Americas</b>                      Mr Chris Pearson                      Signature:                       Date: 10-7-05</p>
<p><b>UMTS Forum</b>                      Mr Jean-Pierre Bienaimé                      Signature:                       Date: 7/10/2005</p>	<p><b>TD SCDMA Forum</b>                      Dr Jing Wang                      Signature:                       Date: 10/7/05</p>

Executed in 13 originals

**Annex 15 This Agreement is entered into by the following Market Representation Partner:**

**MobileIGNITE MoU**

Name: Mr. Leo Nikkari  
Title: Executive Director

Address: PO Box 81236  
Chicago,  
Illinois,  
USA, 60681-1236

Signature *Leo Nikkari*

Date 21 April 2006

Authorised by the existing Partners

<p><b>ARIB</b> Mr Masayoshi Wakao Signature <i>Masayoshi Wakao</i> Date 21.04.2006</p>	<p><b>ATIS</b> Mrs Susan Miller Signature <i>Sally (Susan Chatterjee for S. Miller)</i> Date 4/21/2006</p>
<p><b>CCSA</b> Mr Zhou Baoxin Signature <i>Wang Zhigui</i> Date 21.04.2006</p>	<p><b>ETSI</b> Mr Karl Heinz Rosenbrock Signature <i>Karl Heinz Rosenbrock</i> Date 21 April 2006</p>
<p><b>TTA</b> Dr Hong Koo Kim Signature <i>J.S. Park</i> Date 4/21/2006</p>	<p><b>TTC</b> Mr Nobuhiro Horisaki Signature <i>Nob Horisaki</i> Date 4/21/2006</p>
<p><b>GSA</b> Mr Alan Hadden Signature <i>A Hadden</i> Date 21/4/06</p>	<p><b>GSM Association</b> Mr David McDonald Signature <i>D McDonald</i> Date 21/4/06</p>
<p><b>IPv6 Forum</b> Mr Latif Ladid Signature Date</p>	<p><b>3G Americas</b> Mr Chris Pearson Signature <i>Chris Pearson</i> Date 4-21-06</p>
<p><b>UMTS Forum</b> Mr Jean-Pierre Bienaimé Signature <i>J.P. Bienaimé</i> Date 21.04.2006</p>	<p><b>TD SCDMA Forum</b> Dr Jing Wang Signature <i>Jing Wang</i> Date 2006.4.21</p>
<p><b>TD-SCDMA Industry Alliance</b> Mr Yang Hua Signature <i>Yang Hua</i> Date 2006.4.21 IA</p>	

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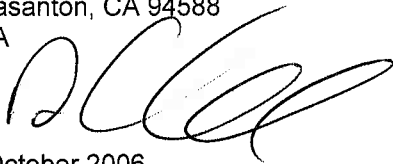
**Annex 16 This Agreement is entered into by the following Market Representation Partner:**

**Global UMTS TDD Alliance**

Name: Mrs. Liz Kerton  
Title: Executive Director


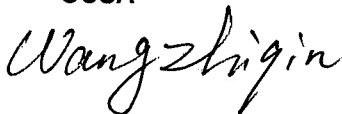
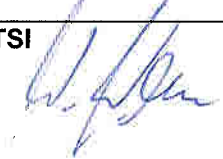





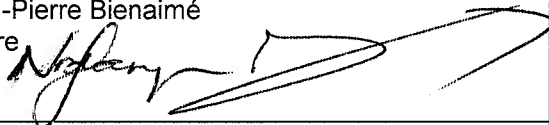
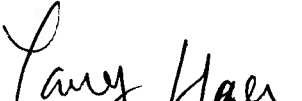
Address: c/o The Kerton Group  
8032 Canyon Creek Circle  
Pleasanton, CA 94588  
USA

Signature



Date 12 October 2006

Authorised by the existing Partners

<p><b>ARIB</b></p> <p>Mr Masayoshi Wakao Signature </p> <p>Date</p>	<p><b>ATIS</b></p> <p>Mrs Susan Miller Signature <i>(for)</i> </p> <p>Date</p>
<p><b>CCSA</b></p> <p>Mr Zhou Baoxin Signature </p> <p>Date</p>	<p><b>ETSI</b></p> <p>Mr Karl Heinz Rosenbrock Signature </p> <p>Date</p>
<p><b>TTA</b></p> <p>Dr Hong Koo Kim Signature </p> <p>Date</p>	<p><b>TTC</b></p> <p>Mr Nobuhiro Horisaki Signature </p> <p>Date</p>
<p><i>for</i> <b>GSA</b></p> <p>Mr Alan Hadden Signature </p> <p>Date</p>	<p><b>GSM Association</b></p> <p>Mr David McDonald Signature </p> <p>Date</p>
<p><b>IPv6 Forum</b></p> <p>Mr Latif Ladid Signature</p> <p>Date</p>	<p><b>3G Americas</b></p> <p>Mr Chris Pearson Signature </p> <p>Date</p>
<p><b>UMTS Forum</b></p> <p>Mr Jean-Pierre Bienaimé Signature </p> <p>Date</p>	<p><b>TD SCDMA Forum</b></p> <p>Dr Jing Wang Signature</p> <p>Date</p>
<p><b>TD-SCDMA Industry Alliance</b></p> <p>Mr Yang Hua Signature </p> <p>Date</p>	<p><b>MobileIGNITE MoU</b></p> <p>Mr Leo Nikkari Signature</p> <p>Date</p>

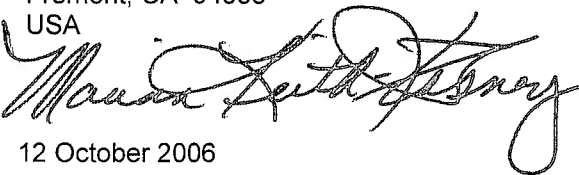
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**Annex 17 This Agreement is entered into by the following Market Representation Partner:**


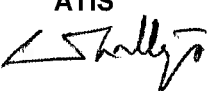
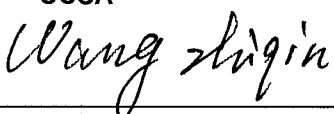


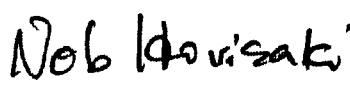

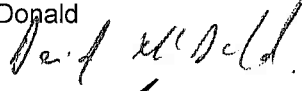
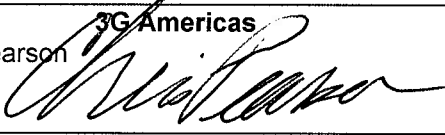
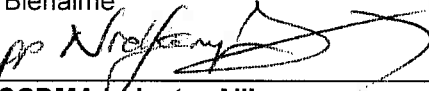
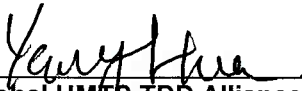

**IMS Forum**

Name: Mrs. Marian Stasney  
Title: Executive Director

Address: 39355 California Street, Suite 307  
Fremont, CA 94538  
USA

Signature   
Date 12 October 2006

Authorised by the existing Partners

<p><b>ARIB</b></p> <p>Mr Masayoshi Wakao Signature  Date</p>	<p><b>ATIS</b></p> <p>Mrs Susan Miller Signature  Date</p>
<p><b>CCSA</b></p> <p>Mr Zhou Baoxin Signature  Date</p>	<p><b>ETSI</b></p> <p>Mr Karl Heinz Rosenbrock Signature  Date</p>
<p><b>TTA</b></p> <p>Dr Hong Koo Kim Signature  Date</p>	<p><b>TTC</b></p> <p>Mr Nobuhiro Horisaki Signature  Date</p>
<p><b>GSA</b></p> <p>for Mr Alan Hadden Signature  Date</p>	<p><b>GSM Association</b></p> <p>Mr David McDonald Signature  Date</p>
<p><b>IPv6 Forum</b></p> <p>Mr Latif Ladid Signature Date</p>	<p><b>3G Americas</b></p> <p>Mr Chris Pearson Signature  Date</p>
<p><b>UMTS Forum</b></p> <p>Mr Jean-Pierre Bienaimé Signature  Date</p>	<p><b>TD SCDMA Forum</b></p> <p>Dr Jing Wang Signature Date</p>
<p><b>TD-SCDMA Industry Alliance</b></p> <p>Mr Yang Hua Signature  Date</p>	<p><b>MobileIGNITE MoU</b></p> <p>Mr Leo Nikkari Signature Date</p>
<p><b>Global UMTS TDD Alliance</b></p> <p>Mrs Liz Kerton Signature  Date</p>	

Executed in 16 originals



## **Annex 18 Modification to the Scope and Purpose of 3GPP:**

This Annex modifies the Scope and Purpose of 3GPP. Modified clauses have been reproduced in full with the additional text provided in italic, underlined font.

### **Page 1**

#### **CONSIDERING THAT:**

- The Partners have agreed to co-operate in the production of globally applicable Technical Specifications and Technical Reports for a 3rd Generation Mobile System based on evolved GSM core networks and the radio access technologies that they support (i.e., Universal Terrestrial Radio Access (UTRA) both Frequency Division Duplex (FDD) and Time Division Duplex (TDD) modes).
- The Partners have further agreed to co-operate in the maintenance and development of the Global System for Mobile communication (GSM) Technical Specifications and Technical Reports including GSM evolved radio access technologies (e.g. General Packet Radio Service (GPRS) and Enhanced Data rates for GSM Evolution (EDGE)).
- The Partners have agreed that the further evolution of IMS should be done in an access independent manner.
- 3GPP is established for the preparation, approval, and maintenance of the above mentioned Technical Specifications and Technical Reports.
- 3GPP is not to be construed as a legal entity.

### **Page 2**

#### **2.1 Purpose of 3GPP**

The purpose of 3GPP is to prepare, approve and maintain globally applicable Technical Specifications and Technical Reports for:

- a 3rd Generation Mobile System based on the evolved GSM core networks, and the radio access technologies supported by the Partners (i.e., UTRA both FDD and TDD modes), to be transposed by the Organizational Partners into appropriate deliverables (e.g., standards).
- the Global System for Mobile communication (GSM) including GSM evolved radio access technologies (e.g. General Packet Radio Service (GPRS) and Enhanced Data rates for GSM Evolution (EDGE)).
- an evolved IMS developed in an access independent manner.

### **Page 3**

#### **2.3 Scope and objectives of 3GPP.**

3GPP shall prepare, approve and maintain the necessary set of Technical Specifications and Technical Reports for a 3rd Generation Mobile System including:

- UTRAN (including UTRA; in Frequency Division Duplex (FDD) and Time Division Duplex (TDD) modes);
- 3GPP Core Network (Third Generation networking capabilities evolved from GSM. These capabilities include mobility management, global roaming, and utilisation of relevant Internet Protocols);
- Terminals for access to the above (including specifications for a UIM); and
- An evolved IMS developed in an access independent manner; and
- System and service aspects.

3GPP shall prepare, approve and maintain the necessary set of Technical Specifications and Technical Reports for:

- the Global System for Mobile communication (GSM) including GSM evolved radio access technologies (e.g. General Packet Radio Service (GPRS) and Enhanced Data rates for GSM Evolution (EDGE)).

3GPP shall consider the long term evolution.

The Technical Specifications and Technical Reports shall be developed in view of global roaming and circulation of terminals.



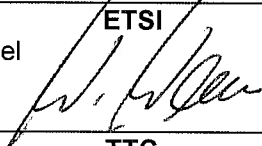

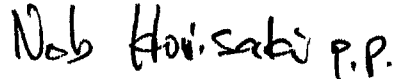


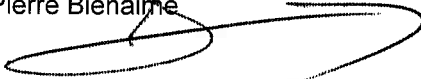
The set of 3GPP Technical Specifications and Technical Reports for the 3GPP core network and the specifications for the GSM core network should be common to the greatest extent possible and should not be unnecessarily different.

The results of the 3GPP work shall form the basis of member contributions to the ITU in accordance with existing procedures.

3GPP shall take account of emerging ITU recommendations on interworking between IMT-2000 family members.

In the framework of agreed relationships, the 3GPP Technical Specifications and Technical Reports will form the basis of standards, or parts of standards, of the Organizational Partners.

Authorised by the existing Partners

<p><b>ARIB</b></p> <p>Mr Masayoshi Wakao Signature Date</p> 	<p><b>ATIS</b></p> <p>Mrs Susan Miller Signature Date</p> 
<p><b>CCSA</b></p> <p>Mr Zhou Baoxin Signature Date</p> 	<p><b>ETSI</b></p> <p>Dr Walter Weigel Signature Date</p> 
<p><b>TTA</b></p> <p>Mr Won-Sik Kim Signature Date</p> 	<p><b>TTC</b></p> <p>Dr Yuji Inoue Signature Date</p> 
<p><b>GSA</b></p> <p>Mr Alan Hadden Signature Date</p> 	<p><b>GSM Association</b></p> <p>Mr David McDonald Signature Date</p> 
<p><b>IPv6 Forum</b></p> <p>Mr Latif Ladid Signature Date</p>	<p><b>3G Americas</b></p> <p>Mr Chris Pearson Signature Date</p>
<p><b>UMTS Forum</b></p> <p>Mr Jean-Pierre Bienaimé Signature Date</p> 	<p><b>TD SCDMA Forum</b></p> <p>Dr Jing Wang Signature Date</p>
<p><b>TD-SCDMA Industry Alliance</b></p> <p>Mr Yang Hua Signature Date</p> 	<p><b>MobileIGNITE MoU</b></p> <p>Mr Leo Nikkari Signature Date</p>
<p><b>Global UMTS TDD Alliance</b></p> <p>Mrs Liz Kerton Signature Date</p>	<p><b>IMS Forum</b></p> <p>Mrs Marian Stasney Signature Date</p>

Executed in 16 originals