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.

别十2 16.5 A.

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.

别和 料东

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

ARIB

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

Signature

Date 4 December 1998

ETSI

Mr Karl Heinz Rosenbrock

Director General

ETSI

European Telecommunication Standards Institute

650, route des lucioles

F-06921 Sophia Antipolis Cedex

FRANCE

Signature

Lad Kim Doubook

Date 4 December 1998

T1

Hirochie Twulawa

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

Signature

Date 4 December 1998

TTA

Dr Kyu-Jin Wee Chairman SC-7

TTA

Telecommunications Technology Association

13th Floor Sejongro Daewoo Building

167 Naesoo-dong chongro

Seoul

KOREA

Signature

别十二

Date 4 December 1998

TTC

Mr Nobuhiro Horisaki

Executive Managing Director

TTC

Telecommunications Technology Committee

1-2-11, Hamamatsu-cho, Minato-ku,

Tokyo, 105-0013

JAPAN

Signature

Nob Horisalei

Date 4 December 1998

Executed in 5 originals

3GPP Partnership Project Agreement, 4 December 1998

6

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

UMTS Forum	•
Name:	Thomas Beijer Chairman
Title:	Chairman
Address:	UM7S FORUM
	Russel Square t

10-12 Russel Square London, WC1B 5EE UK

Signature LONAON, WCID 5LL

Date

December 1998

Thomas Bejin

Authorised by the existing Partners

ARIB Mr Hiroshi Furukawa Mr Karl Heinz Rosenbrock Signature Land Reins Loun book Signature Hiroshi Turubawa

Date 4 December 1998 Signature Date 4 December 1998 Dr Asok Chatterjee Dr Kyu-Jin Wee Signature Signature Date 4 December 1998 Date 4 December 1998 Mr Nobuhiro Horisaki Signature Date 4 December 1998

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

ire all-ladden

Date 24 February 1999

Authorised by the existing Partners

ARIB	ETSI	
Mr Hiroshi Furukawa	Mr Karl Heinz Rosenbrock	
Signature Hisoshi Furukawa Date 9 March 1999	Signature Rack River Resembook	
Date 9 March 1999	Date 24 February 1999	
T1	TTA	
Dr Asok Chatterjee	Dr Kyu-Jin Wee	
Signature	Dr Kyu-Jin Wee	
Date 1 March, 1999	Date / - March 1999	
TTC	UMTS Forum	
Mr Nobuhiro Horisaki	Dr Bernd Eylert	
Signature Ndo Hovisalci	Signature 5. Sylut	
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

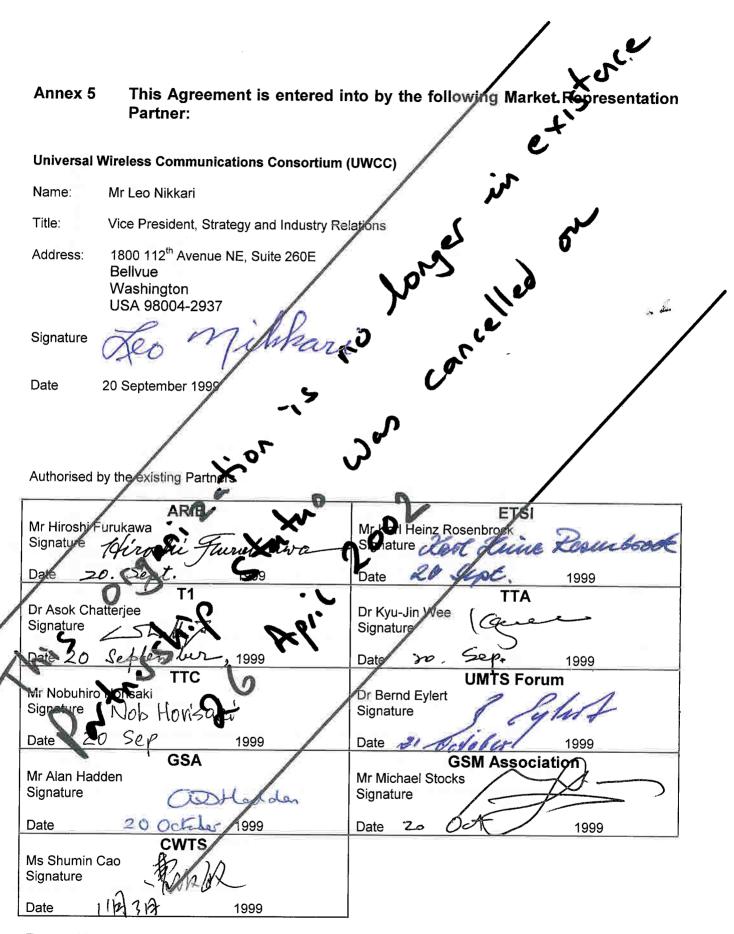
27 May 1999

Authorised by the existing Partners

ARIB	ETSI
Mr Hiroshi Furukawa	Mr Karl Heinz Rosenbrock
Signature Islinoshi Furukawes Date 27 May 1999	Signature des Leine Zoun book
Date 27 May 1999	Date 27 Uhaco 1999
/ //T1	ŬTTA
Dr Asok Chatterjee	Dr Kyu-Jin Wee
Signature Shally	Signature
Date 27 May, 1999	Date -7 May 1999
TTC	UMTS Forum
Mr Nobuhiro Horisaki	Dr Bernd Eylert
Signature Nob Hovisaki	Signature Suls F
Date 27 May 1999	Date 27 May 1999
GS'A	
Mr Alan Hadden	
Signature	
Date 27th May 1999	

Executed in 8 originals

		7, 8
Annex 4	This Agreement is entered in	to by the following Organizational Partner:
China Wire	eless Telecommunication Standard Gro	up (CWTS)
Name:	Ms Shumin Cao	/ X : N
Title:	Chairperson	/ ×
Address:	China Wireless Telecommunication Star Research Institute of Telecommunic No. 11 Yue Tan Nan Jie Beijing, 100-045 People's Republic of China	ndard Group (CWTS) ation Transmission, MII
Signature	The way	3
Date	27 May 1999	- 3 /
Authorised b	by the existing Partners	" and
Mr Hiroshi F Signature	Hiroshi Fouruleawa	Mr Karl Heinz Rosenbrock Signature
Dr Asok Cha	Thally 6	Date 1999 TTA Dr Kyu-Jin Wee Signature
Mr Nobuhiro Signature	TTC Horsaki Nob Hovisala	Date 1999 UMTS Forum Dr Bernd Eylert Signature
Date	Z7 May 1999	Date 27 May 1999
Mr Alan Had Signature	den	GSM Association Mr Michael Stocks Signature
Date	27K May /1999	Date 1999
Executed in 9	9 originals	



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	منتقل بدر
Signature		
Date /	18 January 2000	
Authorized k	by the existing Partners	
- AUIDONSEO I	IV IDA AXISTINO HAMBAR	

ARIB	ETSI
Mr Hiroshi Furukawa	Mr Karl Heinz Rosenbrock
Signature Ak. c Sarahi for Mr. Farutam	Signature Worldein Xambook
Date Jan. 18, 2000	Date 18 Jan 2000
T1	TTA
Dr Asok Chatterjee Signature	Dr Kyu-Jin Wee Myy 6-k 7
Date 1/18/2000	Date 1/18/2000
' TTC	UMTS Forum
Mr Nobuhiro Horisaki	Dr Bernd Eylert / / /
Signature by Man Horisak	Signature J. July 1
Date 18 Jan. 2000	Date 18 January 2000
GSA	OSM Association
Mr Alan Hadden	Mr Michael Stocks
Signature	Signature
Date (8/1/00	Date 3/2/2000
CWTS 10 10	UWCC 11 17
Ms Shumin Cao	Mr Leo Nikkari
Signature	Signature (%)
Date . 1. / 8	Date 1/18/2000

Executed in 11 originals

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

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 (2) A. J. J. J. Evolution (EDGE)).

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3GPP shall consider the long term evolution.

3GPP Partnership Project Agreement, 4 December 1998

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

ARIB	ETSI
Mr Hiroshi Furukawa	Mr Karl Heinz Rosenbrock
Signature Hirosli Furukawa	Signature Kan Leine Losenbook
Date 28 July 2000	Date 15 Kily 2000
F I	TTA
Dr Asok Chatterjee	Mr Dong Sun Lee Signature
Date 7/19/2000	Date
TTC	UMTS Forum
Mr Nobuhiro Horisaki	Dr Bernd Eylert 2
Signature hab Hovisalei	Signature /- /////
Date 19 Jul 2000	Date 15 12 1 2000
GSA	GSM Association
GSA Mr Alan Hadden	GSM Association Mr James Healy
GSA	GSM Association
GSA Mr Alan Hadden	GSM Association Mr James Healy Signature Date
GSA Mr Alan Hadden Signature	GSM Association Mr James Healy Signature
Mr Alan Hadden Signature Date GSA Mr Alan Hadden Signature L4 My 2000	GSM Association Mr James Healy Signature Date
Mr Alan Hadden Signature Date 14 My 2000 CWTS	GSM Association Mr James Healy Signature Date UWCC
Mr Alan Hadden Signature Date CWTS Ms Shumin Cao Signature Date	GSM Association Mr James Healy Signature Date UWCC Mr Leo Nikkari
Mr Alan Hadden Signature Date CWTS Ms Shumin Cao Signature Date	GSM Association Mr James Healy Signature Date UWCC Mr Leo Nikkari Signature
Mr Alan Hadden Signature Date CWTS Ms Shumin Cao Signature	GSM Association Mr James Healy Signature Date UWCC Mr Leo Nikkari Signature
Mr Alan Hadden Signature Date CWTS Ms Shumin Cao Signature Date Dat	GSM Association Mr James Healy Signature Date UWCC Mr Leo Nikkari Signature

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Annex 8	This Agreement is entered in Partner:	to by the following Market Representation
Mobile Wir	eless Internet Forum (MWIF)	
Name:	Mr Dean Sirovica	
Title:	President and Chairman	
Address:	39355 California Street, Suite 305 Fremont, CA 94541 USA	Last Sur
Signature	D. Dron	
Date /8	111/00	s cell
Authorised	by the existing Partner	
Mr Hiroshi F Signature Date	Furukawa Farakowa	ETSI Mr Karl Heinz Rosenbrock Signature La College College Bate 15 May 2000
Dr Asok Ch Signature	atterjee 52 ally 5 / 2000	Dr Kyu-Jin Wee Signature
Mr Nobuhiro Signature	TTC Wob Horizolci US Novicolo	Dr Bernd Eylert Signature 15 + Ha November 2000
Mr Alan Had Signature	dden Stadta	GSM Association Mr Michael Stocks Signature Mr Michael Stocks 1/10/03
Date	5 Wh son	Date WWCC .
Ms Shumin Signature	Cao Shun Car	Mr Leo Nikkari Leo Nikberri Signature
Date /	5 Nov. 2/00)	Date 15 NOV 2000
Mr Latif Lac Signature	IPyo Forum	
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	to by the following Market Representation
Partner:	to by the following Market Representation
3G.IP Focus Group (3G.IP)	, ko.
3G.IP Focus Group (3G.IP)	
Name: Mr Brian K Daly	
Title: Chair, Management Steering Committee	/ ic
Address: AT&T Wireless Services PO Box 97061 Redmond, WA 98-73-9761 USA	/ Low Som
Signature Sprim X Dig	10,2
Date 15 2000	Lo Copp
Authorised by the existing Partners	Cor
Mr Hiroshi Furukawa Signature For Hiroshi Furukawa	ETSI Mr Karl Hanz Rosenbrock Sign ture
Date Nov. 15/2	Date 15 Mrs. 2000
Dr Asok Chatterjee Signature	Dr Kyu-Jin Wee Signature
Date 0/18/2000 \$	Date 15 Not 2000
Mr Nobuniro Horisaki Signature Vola Materica (Co	Dr Bernd Eylert S. Sylast
Date 15 12 2000	Date Sta November 2000
Mr Alar Haldes Signature	GSM Association Mr Michael Stocks BEST Signature
Date (\$ No. 3000)	Date 4/10/05
Ms Shumin Cao Signature Cao	Mr Leo Nikkari Leo Nikkari Signature
Date 15 Nov. 2000	Date 15 WW 2000
Mr Latif Ladid Signature	Mr Dean Sirovica Signature
Date 17 No 100	Date IJNOV SU
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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 114th Ave SE, Suite 100

Bellevue, WA 98004

USA

Signature

Date 26 April 2002

Authorised by the existing Partners

ARIB ETSI Mr Karl Heinz Rosenbrock Mr Masayoshi Wakao Signature p.o. Signature Date Date Dr Asok Chatterjee Dr Ju Hwan Yim Jeong Sik Signature Signature 2002 Date Date Mr Nobuhiro Horisaki Dr Bernd Eylert Signature Signature 14/02 Date **GSM Association** Mr Scott Fox BEST Mr Alan Hadden Signature Signature Date Date IP√6 Forum Ms Shumin Cao Mr Latif Ladid Signature Signature Date Och ov Date MWIF 3G.IP

Mr Brian Daly

Signature

Date

Executed in 13 originals

Mr Dean Sirovica

Signature

Date

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

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

Beijng

P.R.China 100083

Wangzhigin Signature

Date

15 April 2004

Authorised by the existing Partners

ARIB	ETSI
Mr Masayoshi Wakao	Mr Karl Heinz Rosenbrock
Signature Xohir Satoh P.P. Date 15 April 2004	Mr Karl Heinz Rosenbrock Signature
Date 15 April 2004	Date 15 (April 2004
T1	TTA
Dr Asok Chatterjee Signature A/15/2004	Dr Ju Hwan Yim Signature PP Hong Won King
Date 4/15/2004	Date 15 APR 2.004
TTC	UMTS Forum
Mr Nobuhiro Horisaki	Mr Jean-Pierre Bienaimé
Signature Nob Horisaki	Signature
Date 15/APR/2004	Date 15/64/2004
GSA	GSM Association
Mr Alan Hadden	Mr Bill Best
Signature	Signature Madula Signature
Date 15 April 2004	Date /3/04/04
IPv6 Forum	
Mr Latif Ladid	
Signature	

Executed in 10 originals

Date

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

Signature Wanth. Mille

Date 15 April 2004

Authorised by the existing Partners Mr Masayoshi Wakao Mr Zhou Baoxin Signature Signature Date Date Mr Karl Heinz Rosenbrock Dr Ju Hwan Yim Signature 🛌 Signature Date 15 Date **UMTS** Forum Mr Nobuhiro Horisaki Mr Jean-Pierre Bienaimé Signature Signature Date **GSM** Association Mr Alan Hadden Mr Bill Best Signature Signature Date Date Mr Latif Ladid Signature

Executed in 10 originals

Date

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

TD SCDMA FORUM

Dr. Jing Wang

Secretary General

TD SCDMA Forum

Add, Room 1021,Office Tower, Beijing Capital Times Square,

Name:

Title:

Address:

No.88 West Chang'an Avenue, Beijing,PRC.100031	
Signature	
Date 7 October 2005	
Authorised by the existing Partners	
ARIB Mr Masayoshi Wakao Signature Kohu Satoh (for Mr. M. Wakao)	Mrs Susan Miller Signature ATIS ATIS Susan Millor Millor
Date 07/10/2005	Date 10/07/2005
Mr Zhou Baoxin Signature CCSA Many zhigin	ETSI Mr Karl Heinz Rosenbrock Signature
Date 67/10/2005	Date OF OCE, 2005
Dr Hong Koo Kim Jeong Signature	Mr Nobuhiro Horicaki Signature
Date 07/0ct./2005	Date 7/0ct/2005
Mr Alan Hadden Signature Date	GSM Association Mr David McDonald Signature Date
IPv6 Forum Mr Latif Ladid Signature	Mr Chris Pearson Signature
Date	Date 10-7-05
Mr Jean-Pierre Bienaimé Signature Date UMTS Forum Mr Jean-Pierre Bienaimé Signature Date	
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	fro 3th
-----------	---------

Date

Authorised by the existing Partners

7 October 2005 ノ

Authorised by the existing Partners	
ARIB	ATIS
Mr Masayoshi Wakao Signature Wohi Satoh (for M. M. Wakao)	Mrs Susan Miller Signature And
Date 07/10/2005	Date 10/07/2005 Millie
CCSA	ETSI
Mr Zhou Baoxin Signature Wangshigin	Mr Karl Heinz Rosenbrock Signature
Date 07/10/2005	Date 07 Oct 2005
Dr Hong Koo Kim Jeong Signature TTA Signature	Mr Nobuhiro Horisaki Signature
Date 07/0:t./2005	Date 7/Oct /2005
GSA Mr Alan Hadden Signature	GSM Association Mr David McDonald Signature 7/10/05
Date 7 coloher Zoor	Date
IPv6 Forum Mr Latif Ladid Signature	Mr Chris Pearson Signature
Date	Date
UMTS Forum Mr Jean-Pierre Bienaimé Signature	Dr Jing Wang Signature
Date 0 1/0/2-8	I Data II I I I I I I I I I I I I I I I I I

Executed in 13 originals

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

Signature Seo Flakeri	بخلام
Date 21 April 2006	
Authorised by the existing Partners	-
ARIB	ATIS "
Mr Masayoshi Wakao Signature Kohir Satoh	Mrs Susan Miller Tally Signature (Asox Chattagerfor S. Miller)
Date	Date 4/21/2006
CCSA	ETSI
Mr Zhou Baoxin Signature Wang 2higin Date 21. ° φ. 2006	Mr Karl Heinz Rosenbrock Signature
Date 21. 04.2006	Date 21 Maril 2006
116	l IC
Dr Hong Koo Kim Signature J.S. Park	Mr Nobuhiro Horisaki Signature Nob Horisaki
Date 4/21/2006 GSA	Date 4/21/2006
	GSM Association
Mr Alan Hadden Signature	Mr David McDonald Signature
Date 21/4/06	Date 2. 46
IPv6 Forum	3G Americas
Mr Latif Ladid Signature	Mr Chris Pearson Signature Mischael Mr Chris Pearson Mischael Mr Chris Pearson Mischael Mr Chris Pearson Mr Chris Pearson
Date	Date 4-21-06
UMTS Forum	TD SCDMA Forum
Mr Jean-Pierre Bienaimé Signature	Dr Jing Wang Signature スカダ
Date 21.04.2006	Date 2006. 4.2
TD-SCDMA Industry Alliance Mr Yang Hua Signature	
Date 236 \$ 4 821 A	

Executed in 14 originals

MobileIGNITE MoU

Mr. Leo Nikkari

PO Box 81236 Chicago, Illinois,

Executive Director

USA, 60681-1236

Name:

Address:

Title:

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 **ARIB ATIS** Mr Masayoshi Wakao Mrs Susan Miller

Signature Roher Satur	Signature (for)
Date	Date
Mr Zhou Baoxin Signature CCSA Wang Zhigin Date	Mr Karl Heinz Rosenbrock Signature Date
Dr Hong Koo Kim Signature Date	Mr Nobuhiro Horisaki Signature Date
Mr Alan Hadden Signature Date GSA White GSA Signature Signatu	GSM Association Mr David McDonald Signature Date
IPv6 Forum Mr Latif Ladid Signature Date	Mr Chris Pearson Signature Date
UMTS Forum Mr Jean-Pierre Bienaimé Signature Date	TD SCDMA Forum Dr Jing Wang Signature Date
TD-SCDMA Industry Alliance Mr Yang Hua Signature	MobileIGNITE MoU Mr Leo Nikkari Signature
Date Wy Mah	Date

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

Address: 39355 California Street, Suite 307 Fremont, CA 94538	
USA S4330	
Signature Maura Buth John	
Date 12 October 2006	
Authorised by the existing Partners	
ARIB	ÁTIS
Mr Masayoshi Wakao Signature Date	Mrs Susan Miller Signature Date
Mr Zhou Baoxin Signature Date CCSA Wang Julyin	Mr Karl Heinz Rosenbrock Signature Date
Dr Hong Koo Kim Signature Date	Mr Nobuhiro Horisaki Signature Date TTC Web dov: Sak
for GSA Catalan	GSM Association
Mr Alan Hadden Signature Date Swindbuck	Mr David McDonald Signature
IPv6 Forum	3G Americas
Mr Latif Ladid Signature Date	Mr Chris Pearson Signature Date
UMTS Forum	TD SCDMA Forum
Mr Jean-Pierre Bienaimé	Dr Jing Wang
Signature Date // Colory	Signature Date
TD-SCDMA Industry Alliance	MobileIGNITE MoU
Mr Yang Hua	Mr Leo Nikkari
Signature Part Luc	Signature Date
Global UM(TS TDD Alliance	
Mrs Liz Kerton Signature Date	
Executed in 16 originals	

IMS Forum Name:

Title:

Mrs. Marian Stasney

Executive Director

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.

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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.

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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.

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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 **ARIB** Mr Masayoshi Wakao Mrs Susan Miller Signature Signature Date Date CCSA Mr Zhou Baoxin Dr Walter Weigel Signature Signature Date Date TTA Mr Won-Sik Kim Dr Yuji Inoue Signature Signature Date Date GSA Mr Alan Hadden Mr David McDonald Signature Signature Date Date **IPv6 Forum 3G Americas** Mr Latif Ladid Mr Chris Pearson Signature Signature Date Date **UMTS Forum TD SCDMA Forum** Mr Jean-Pierre Bienaighé Dr Jing Wang Signature Signature Date Date TD-SCDMA industry Alliance MobileIGNITE MoU Mr Yang Hua Mr Leo Nikkari Signature Signature Date Date Global UMTS TDD Alliance **IMS Forum** Mrs Liz Kerton Mrs Marian Stasney Signature Signature Date Date

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