COMMITTEE T1 TELECOMMUNICATIONS

TECHNICAL SUBCOMMITTEE T1P1
WIRELESS/MOBILE SERVICES AND SYSTEMS

SUMMARY MINUTES

February 2, 2001

Marriott Casa Magna
Puerto Vallarta, Mexico

1 Call to Order/Quorum Call/Opening Remarks

Asok Chatterjee (Ericsson), Chairman of T1P1, called the meeting to order at 8:04 a.m.

Quorum Call

Following introductions, roll call was conducted by the T1P1 Secretary, Quent Cassen (Conexant), to establish voting representatives' attendance and proxies. Without objection, the membership approved multiple-vote proxies held by Jean Trakinat (DISA) and Quent Cassen (Sprint - Long Distance Div.). Designated voting representatives via proxy were Wing Yeung (Qualcomm), Ron Ryan (Nortel Networks), Bob Hall (SBC Communications), Jean Trakinat (National Communications System) and Tak Wing Wan (Rogers Wireless). T1P1 voting membership stands at 41, requiring 14 members present for quorum. Twenty-two voting members were recognized (including 2 by multiple-vote proxy); hence, quorum was met. Letters are on file for all proxies and designated voting representatives. The membership roll call response is available as an attachment to these minutes.

Opening Remarks

Chairman Chatterjee welcomed the meeting attendees to Puerto Vallarta and thanked TIA for hosting the meeting, including the very successful, well attended team building event held in a Puerto Vallarta restaurant Wednesday evening.

2 Approval of Agenda and IPR Statement

The updated meeting agenda, T1P1/2001-001R1, was approved without modification.

Patent Disclosure

Chairman Chatterjee stated T1's policy with respect to patents as follows:
> Other than reaffirming his company's previously stated position, does anyone wish to make any statement regarding IPR on standards being worked in this committee?

There was no response.

3 Approval of Previous Meeting Minutes

The minutes of the October 20, 2000, T1P1 meeting, T1P1/2000-259, held in Girdwood, Alaska, were approved without modification.

4 T1AG/T1 Actions Relating to T1P1

- T1 has created a new category of T1 deliverables, to be called "T1 Specifications." This class of deliverable will be used to transpose 3GPP specifications into T1 outputs without making excessive demands on the resources of the ATIS/T1 Secretariat. T1 Specifications can be approved by a vote at a

T1P1 plenary meeting with sufficient advance notice. These T1 Specifications are suitable for ITU reference.

5   T1P1 Surveillance Ad Hoc Report

Ron Ryan (Nortel Networks), Chairman of the T1P1 Surveillance Ad Hoc, presented the report from this meeting, T1P1/2001-021.

T1P1 approved the following recommendations made by the Ad Hoc:

- A technical presentation on 3GPP SA3 Lawful Intercept (LI) (Release 4) to be given at the April 2001 T1P1 meeting.
- Based on the joint efforts with T1S1 on LI, T1S1 to be invited to the joint 3GPP SA3-LI and T1P1 Surveillance Ad Hoc meeting to be held on March 6-8 in Tampa, and to the April Workshop with SA3, T1P1 SAH, TIPHON, and ETSI. =>Action: Chairman Chatterjee or SAH Chairman Ron Ryan will send invitations.

As a result of a discussion of the possible re-ballot of T1 Trial Use Standard, J-STD-025A, Lawfully Authorized Electronic Surveillance, the Ad Hoc developed a liaison to TR45.2, T1P1/2001-023. The liaison advises TR45.2 that T1P1 will not re-ballot J-STD-025A at this time and also recommends that TIA not re-ballot the standard until the FCC has completed its deliberations on the Punch List. After modifications, the liaison was approved as T1P1/2001-023R1.

The mandate of this ad hoc is continued.

6   T1P1.2 GSM/3G Radio Working Group Report

Don Zelmer (Cingular), Chair of T1P1.2, and Margaret Livingston (Nokia), Vice Chair of T1P1.2, presented the report from this meeting, T1P1/2001-018 (MS Word) and T1P1/2001-020 (PowerPoint slides).

In his report, Chairman Zelmer emphasized the importance of IMT-2000 spectrum for U.S. 3G applications. He noted the presentations by GBT on CPCH for 3G fast packet uplink. GBT is looking for support in 3GPP from individual companies. He also noted the bandplan proposal from VoiceStream, and an upcoming meeting on February 14 of a Federal Government-Industry Group on Spectrum and Interference.

T1P1 approved the following liaisons:

- T1P1/2001-016 (modified to 016R1 during the T1P1 Plenary), a liaison to Fabio Leite, Program Manager for IMT-2000, stating endorsement of the proposals from 3GPP TSG RAN on the update procedure for revisions to ITU-R Recommendation M.1457 (RSPC).
- T1P1/2001-017 (modified to 017R1 during the T1P1 Plenary), a liaison to Christine DiLapi, Head of Delegation – US WP8F, stating endorsement of the proposals from 3GPP TSG RAN on the update procedure for revisions to ITU-R Recommendation M.1457 (RSPC).

T1P1/2001-019, the report from the joint T1P1.2/TR46.2 meeting held January 31, 2001, was approved. There were no plenary requests.

7   T1P1.3 GSM/3G System and Network Working Group Report

Gary Jones (VoiceStream Wireless), Chairman of T1P1.3, presented the report from this meeting, T1P1/2001-008.

T1P1 approved the following:

- T1P1/2001-009 (modified to 009R1 during the T1P1 Plenary), a liaison to 3GPP SA2 and SA1, "Request for Global Text Telephony (GTT) capability in Release 4," specifically for a BSS or transcoder-based solution. T1P1 noted the objection of Ericsson: "Ericsson objects to the requirement that US CTM implementations be BSS or transcoder based. It is Ericsson's experience that considerable modifications will be required to the Baudot detector due to non-standard TTY implementations and possible FCC mandated handling of TTY enhancements. Ericsson believes that locating the Baudot detectors in the transcoders or BSS as opposed to centralized servers will lead to difficulties in meeting consumer and FCC expectations."
- T1P1/2001-022, Comment Resolution of T1 LB 924, "CTM Minimum Performance Requirements," which was agreed by Nokia, the organization that submitted the ballot comments. Since this change was not considered substantive, the following action was agreed: Ericsson (Toni Johansson) will send the updated draft standard to Chairman Chatterjee who, in turn, will send to ATIS the final (clean) version as well as the version showing changes made as a result of comment resolution.
- T1P1/2001-015 (modified to 015R1 during the T1P1 plenary), a liaison to the chair of GSM North America, "Implementation of FCC Priority Access Service (PAS)," which is a proposal on how to move forward on PAS within the existing GSM standards.
- T1P1/2001-012 (modified to 012R1 during the T1P1 plenary), a liaison to the chair of GSM North America, "Work on Wireless Access to Emergency Services."
- T1P1/2001-010, a liaison to the chair of ITU-R WP8F, "Update Procedure for Revisions of Recommendation ITU-R M.1457."
- T1P1/2001-013, a liaison to the US Head of Delegation to WP 8F, "Proposed Changes to US8F01-32 NC."
- T1P1/200-014, a liaison to the Head of the T1 Delegation to 3GPP, "T1P1 Position on 3GPP Election Criteria." This liaison deals with the principle of geographic balance in the 3GPP technical leadership and is to be distributed following a nominal delay. Although not objecting to this liaison, Bob Hall (SBC Communications) questioned whether Committee T1 has sufficient leadership within 3GPP at all technical levels. He requested the T1P1 chair convene an email exchange on the T1P1 reflector, encouraging especially others who could not participate in the discussions during the Puerto Vallarta meeting to share their thoughts on this subject. Chairman Chatterjee stated he would comply with Mr. Hall's request. Jean Trakinat (NCS) requested that the minutes show she abstained on this topic.
- T1P1/2001-011, a liaison to the chair of US Study Group B, "Creation of the ITU-T Special Study Group."

Also discussed was the IMSI Technical Summit, and the use of "Release to Pivot" (T1.661) as an alternative to GSM Optimal Routing.

8   Other Business

- Brian Kiernan (InterDigital) reported that all planned work in T1P1.4, Fixed Wireless for PSTN Access (FWPA), has been completed and recommended that the WG be disbanded. He stated that T1P1.4 Chairman, Rick Baugh, and Vice Chairman, Jim Lord, concur with this recommendation. Without any objection, T1P1.4 was disbanded. The Plenary noted the excellent work that was carried out in this WG and the deliverables that were produced.
- ITU-T U.S. Study Group B will meet immediately following the close of the next T1P1 plenary, April 27, 2001. The main purpose of this meeting will be to consider any draft contributions that may be generated by T1P1 for submission to the upcoming IMT-2000 SSG meeting in May. Chairman Chatterjee requested the T1P1 delegates to stay and attend this meeting.
- There were no objections to the proposed withdrawal of Trial Use Standard, "Minimum Performance Requirements for W-CDMA Personal Stations, T1P1/97-020." Chairman Chatterjee will authorize ATIS to initiate a letter ballot recommending the withdrawal of this standard.
- Gary Schlanger (AT&T Wireless) expressed his concern about the need to drive a significant distance to a T1P1 venue from the closest airport. In addition, he recommends a meeting location that is convenient to local restaurants.
- Peter Musgrove (AT&T Wireless) asked if T1P1 had considered starting meetings on Tuesday morning, or, alternately, Monday at 1:00 p.m. to relieve the need for Sunday travel. Chairman

Chatterjee asked the WGs to discuss the possibility of a shortened week at the April meeting with the possibility of implementing such a shorter meeting for July, since it is too late to impact the contracts for April. The April meeting will begin on Monday morning, as usual.

9   Next T1P1 Meeting

The next T1P1 meeting will be hosted by TIA/TR46 and will be held April 23-27, 2001, in Keystone, Colorado. Hotel details, not available at this meeting, will be disseminated via the T1P1 reflector.

The T1P1 Leadership meeting, open to all, will be held Monday evening, April 23, 2001, beginning at 5:30 p.m.

10   Adjournment

The meeting was adjourned at 11:24 a.m.

Respectfully submitted,

Quentin C. Cassen
T1P1 Secretary

T1P1 ATTENDANCE FEBRUARY 2, 2001

Initial Quorum	Present	Member Company	First Name	Last Name	Designation	Designee Name
		Alcatel USA Inc.	Francois	Courauu	VR	
		Alcatel USA Inc.	Laurent	Cruchant	VA	
		AT&T	GARY	SCHLANGER	VR	
		AT&T	Doris S.	Lebovits	VA	
		AT&T Broadband	Paul	Hughes	VR	
		AT&T Broadband	Jim	Dahl	VA	
1	1	AT&T Wireless Services, In	Peter	Musgrove	VR	
		AT&T Wireless Services, In	Brian	Daly	VA	
		BOPS INC.	ALI S.	SADRI, PhD	VR	
		C.S.I. TELECOMMUNICAT	MICHAEL S.	NEWMAN	VR	
		C.S.I. TELECOMMUNICAT	WILLIAM J.	BUCKLEY	VA	
1	1	Cingular Wireless LLC	Don	Zelmer	VR	
		Cingular Wireless LLC	Marc	Grant	VA	
1	1	CONEXANT SYSTEMS, IN	QUENTIN C.	CASSEN	VR	
	1	DEFENSE INFO. SYSTEMS	CHRIS	FITZGERALD	VR	Jean Trakinat, NCS, multiple vote
1	1	ERICSSON INCORPORAT	TONI	JOHANSSON	VR	
		ERICSSON INCORPORAT	STEPHEN	HAYES	VA	
		GOLDEN BRIDGE TECHN	KOUROSH	PARSA	VR	
1	1	GOLDEN BRIDGE TECHN	KARIN	ZICKERMANN	VA	
		HARRIS CORPORATION	MARLIS	HUMPHREY	VR	
		HUGHES NETWORK SYST	DR LEONARD	GOLDING	VR	
		HUGHES NETWORK SYST	ENRIQUE	LABORDE	VA	
		ICG Communications	Thomas	Tardy	VR	
		ICG Communications	Kenneth	Frederick	VA	
1	1	Inet Technologies Inc.	Mart	Nurmet	VR	
		Inet Technologies Inc.	Said	Saadeh	VA	
1	1	INTERDIGITAL COMMUNIC	BRIAN	KIERNAN	VR	
		INTERDIGITAL COMMUNIC	GIL	LaVEAN	VA	
		LayerOne Wireless Techno	Gary	Lomp	VR	
		LayerOne Wireless Techno	Peter	Voltz	VA	
		LG SANSYS, INC.	HEE JOUNG	LEE	VR	
		LG SANSYS, INC.	MARK	HOSFORD	VA	
		Lockheed Martin Global Tel	Mark T.	Neibert	VR	
		Lockheed Martin Global Tel	Mike	Onufry	VA	
1	1	Lucent Technologies	Robert B.	Beeson	VR	
		Lucent Technologies	Dave R.	Andersen	VA	
		Microcell Connexions	Venkatesh	Sampath	VR	
		Microcell Connexions	Andrew	Chow	VA	
1	1	Motorola Inc.	Willy	Verbestel	VR	
		Motorola Inc.	Syed	Husain	VA	
1	1	NATIONAL COMMUNICAT	RAY	YOUNG	VR	Jean Trakinat, proxy
		NATIONAL COMMUNICAT	I.	FUREY	VA	
		NEC America Incorporated	Donovan	Nak	VR	
1	1	Nokia Telecommunications	Ed	Ehrlich	VR	
		Nokia Telecommunications	Margaret	Livingston	VA	
		Nokia Telecommunications	Chris	Wallace	VA	
1	1	NORTEL NETWORKS	MEL N.	WOINSKY	VR	Ron Ryan, proxy
1	1	OKI AMERICA INCORPOR	REED	FISHER	VR	
		OKI AMERICA INCORPOR	HISAO	FUJIKAWA	VA	
		PARADYNE CORPORATIO	RICHARD K.	SMITH	VR	
		PARADYNE CORPORATIO	PHIL	KYEES	VA	
		Qualcomm Incorporated	Mark	Epstein	VR	
1	1	Qualcomm Incorporated	Ed	Tiedemann	VA	Wing Yeung, proxy
1	1	Qwest	Richard	Prince	VR	
		Qwest	James L.	Eitel	VA	
		RHYTHMS	RAND	KENNEDY	VR	

T1P1 ATTENDANCE FEBRUARY 2, 2001

Initial Quorum	Present	Member Company	First Name	Last Name	Designation	Designee Name
		RHYTHMS	DAVID	REILLY	VA	
1	1	Rogers Wireless Inc.	Edward	O'Leary	VR	T.W. Wan, proxy
		Rogers Wireless Inc.	George	Babut	VA	
1	1	SBC Communications, Inc.	C.C.	Bailey	VR	Bob Hall, proxy
		SBC Communications, Inc.	Terry	Watts	VA	
1	1	Siemens Info & Comm Ntwk	Stephen	Edge	VR	
		Siemens Info & Comm Ntwk	Majeed	Kamdar	VA	
	1	Sprint - Long Distance Div.	James	Lord	VR	Quent Cassen, Conexant, multiple vote
		Sprint - Long Distance Div.	Carl	Bushue	VA	
		SYNACOM TECHNOLOGY	VILNIS	GRENCIONS	VR	
		SYNACOM TECHNOLOGY	STU	JEFFERY	VA	
1	1	Telcordia Technologies	Jim	Garrahan	VR	
		TELCORDIA TECHNOLOG	CLIFF	HALEVI	VA	
		Verizon Communications	Wendy	Pugh	VR	
1	1	Voicestream Wireless Corp	Gary K.	Jones	VR	
		VOICESTREAM WIRELESS	MARK	YOUNGE	VA	
		Voyan Technology	Kevin	Curry	VR	
		Voyan Technology	Rolf	Fiebrich	VA	
20	22					

Quorum Requirement = 14

T1P1 ATTENDANCE FEBRUARY 2, 2001

Initial Quorum	Present	Member Company	First Name	Last Name	Designation	Designee Name
		3COM	RICHARD L.	STUART	O	
1	1	AIRNET COMMUNICATION	DAN	PRENATT	O	
		Anritsu Company	Paul	Bauer	O	
		BELL CANADA	P. NORMAN	SMITH	O	
	1	BellSouth Telecomm. Inc.	Greg N.	Patterson	O	Jim Garrahan, multiple vote
		Broadcom Corporation	David C.	Jones	O	
		CAMBRIDGE POSITIONING	ANDREW TW	PICKFORD	O	
		CDMA DEVELOPMENT GR	SAM	SAMRA	O	
		CellGuide Ltd.	Nir	Joseph	O	
		Cisco Systems	Cedric	Druce	O	
		Compaq Computer Corp.	Raul	Rodriguez	O	
		COVAD COMMUNICATION	RON	MARQUARDT	O	
		CROSSKEYS SYSTEMS C	PETER	COOK	O	
		Fujitsu America Inc.	Hirohiko	Yamamoto	O	
		GENERAL DATACOMM IN	FRED	CRONIN	O	
		Hitachi Telecom (USA), Inc.	Yukio	Nakano	O	
		INMARSAT	ROY	BLANE	O	
		Legerity, Inc.	Vijay	Davar	O	
		MARCONI COMMUNICATI	MARK	SCOTT	O	
		MITEL CORPORATION	KELVIN	STEEDEN	O	
		MITRE CORPORATION	LARRY	STINE	O	
1	1	MMCD/PANASONIC	MIKE	KARIMIAN	O	
		NEXT LEVEL COMMUNICA	SABIT	SAY	O	
		PICTURETEL CORPORATI	MARSHALL	SCHACHTMAN	O	
		PLIANT SYSTEMS, INC.	HAROLD	GOODNIGHT	O	
		POWERTEL INC.	IRFAN	KHAN	O	
		SPRINT PCS	FREDERICK	LEROUDIER	O	
		Strix Systems Inc.	Spencer	Stephens	O	
		SYMMETRICOM INC.	DON	SKIPWITH	O	
		TEKELEC INC.	VIRGIL	LONG	O	
		Telecommunications Techn	Michael	Lewis	O	
		TELICA, INC.	SY J.	YULES	O	
		TELLIUM, INC.	KRISHNA	BALA, PhD	O	
		US TELECOM ASSOCIATI	ROBERT	CREIGHTON	O	
		Verilink Corporation	Steven E.	Turner	O	
		WAVECOM	PHILIPPE	FAURIE	O	
		WorldCom	John	Gallant	O	

Observers

DRAFT AGENDA

T1P1 MEETING

WIRELESS/MOBILE SERVICES AND SYSTEMS

PUERTO VALLARTA, MEXICO

February 2, 2001

7:30 AM – SIGN IN AND DISTRIBUTION OF DOCUMENTS VIA CD & WIRELESS LAN

8:00 AM – MEETING STARTS

1. INTRODUCTIONS
    - Roll Call

2. APPROVA L OF AGENDA
    - IPR Statement Other than reaffirming their company's previously stated position, does anyone wish to make any statement regarding IPR being worked in this TSC?

3. REVIEW AND APPROVAL OF PREVIOUS MEETING MINUTES T1P1/2000-259

4. T1AG/T1 ACTIONS RELATING TO T1P1

5. T1P1 SURVEILLANCE AD HOC REPORT, INCLUDING ANY T1P1 ACTION ITEMS T1P1/2001-021

6. T1P1.2 REPORT, INCLUDING ANY T1P1 ACTION ITEMS T1P1/2001-020

7. T1P1.3 REPORT, INCLUDING ANY T1P1 ACTION ITEMS T1P1/2001-008

8. OTHER BUSINESS
    • T1P1.4 disbanding
    • US SG B meeting immediately following T1P1 plenary on April 27, 2001
    • Withdrawal of Trial-Use Std (LB 594), Minimum Performance Requirements for W-CDMA Personal Stations

9. ORGANIZATION AND SCHEDULE OF NEXT MEETING T1P1/2001-006

10. CLOSE OF MEETING

T1P1.SAH Meeting Report
Friday, February 2, 2001

3GPP SA3-LI Activity

T1P1.SAH met Thursday, February 1, 2001 @ 11:00 am to 12:00 noon to review Lawful Intercept (LI) activity in 3GPP SA3-LI. A report (**1p00070**) on the 3G UMTS LI activity was presented followed by questions and discussion.

It was noted that the work on LI for UMTS Release 4 and Release 5 was progressing rapidly and the solutions being adopted were pertinent to the U.S. region governed by the CALEA requirements.

Highlights of the report:

- The 3G UMTS LI Requirements have essentially been completed.

- The 3G UMTS Architecture and Functions (Stage 2) for Release 4 have been completed.

- The 3G UMTS Architecture and Functions (Stage 2) for Release 5 are progressing rapidly.

- A workshop on LI is being planned for early April. Participants include ETSI TC SEC LI, TIPHON, and 3GPP SA3-LI.

- A joint 3GPP SA3-LI and T1P1.SAH meeting is scheduled for March 6-8 in Tampa, Florida.

Based on the discussion the following are <u>recommended</u> by T1P1.SAH:

- **A technical presentation on LI for 3G UMTS be presented at the April T1P1 meeting.**

- **Based on the joint efforts with T1S1 on LI, T1S1 be invited to the joint 3GPP SA3-LI and T1P1.SAH meeting in March and to the April T1P1 meeting.**

Re-Ballot of J-STD-025A

T1P1.SAH discussed the possible re-ballot of J-STD-025A in TIA. As a result of the discussion, **a liaison to TR45.2 is requested (see** 0p1000230**) indicating T1P1 will not re-ballot J-STD-025A at this time and recommending that TIA also not re-ballot the draft standard until the FCC has completed its deliberations.**

Ronald D. (Ron) Ryan
Chair T1P1.SAH

Working Group T1P1.2 GSM/3G Radio
Meeting Report
Puerto Vallarta, Mexico
January 29-2, 2001

Title: **T1P1.2 Meeting Report**
Puerto Vallarta, Mexico
January 29-2, 2001

Source: **T1P1.2 Chair & Vice Chair**
Don Zelmer, Cingular & Margaret Livingston, Nokia

1. Summary

T1P1.3 and T1P1.2 opened jointly on Monday, January 29, 2001 at 8:30AM at the Marriott Casa Magna Paseo, Puerto Vallarta, Mexico. Both groups reviewed the week's work plan.

T1P1.2 reconvened at 9:00 AM, where several documents were provided for information from ITU-R Working Party 8F, 3GPP TSG RAN, GERAN, and SA. T1P1.2 now has an attachment reflector on the T1 server and thanks the T1P1 leaders and ATIS for making this possible. The group noted the questions for the development of frequency arrangements of IMT-2000 terrestrial and satellite components. T1P1.2 also agreed to begin developing portions of a proposed ITU Handbook on Deployment of IMT 2000 Systems for developing nations. This work will be in conjunction with T1P1.3. Three liaisons were approved to move forward to the T1P1 plenary for approval. T1P1.2 met jointly with T1P1.3 this was a successful meeting and would like to continue meeting jointly in the future. T1P1.2 also met jointly with TR46.2 this was a successful meeting and would like to continue meeting jointly in the future.

T1P1.2/2001-002: T1P1.2 Agenda - During the meeting, the agenda was updated by allocating the contribution numbers. The revised agenda was approved.

2. IPR Question

Other than reaffirming their company's previously stated positions, does anyone wish to make any statement regarding IPR on standards being worked in this committee?
There were no comments from the group.

3. Assignments from last meeting

An assignment to set up an attachment for T1P1.2 email reflector was given. As a result, T1P1.2 now has an attachment reflector - The list name: **t1p12attachments@t1.org** and set the max to 5 MEG. The contribution T1P1.2/2001-54 describes how to join this reflector.

1p120540 **T1P1.2 Attachment Reflector**
Noted for information

4. Incoming Liaisons

1p120240 **Re: The Way Forward for T1P1 PCS1900 Standards   [T1P1/2000-250] – Response from GSMNA to T1P1**
This liaison was reviewed and noted for information.
1p120250 **The Way Forward for T1P1 PCS1900 Standards   [T1P1/2000-250]**
This liaison was reviewed and noted for information.

T1P1/2001-018
T1P1.2/2001-077

Working Group T1P1.2 GSM/3G Radio
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5. Reports from other Groups

5.1. **ITU-R WP8F**

1p120070
REPORT OF THE FIRST MEETING OF WORKING PARTY 8F (Document 8F/2-E);
(002e_ww9.doc)
 Noted

1p120110
IP BROADBAND WIRELESS ACCESS Document 8F/128-E (128e_ww9.doc)
This contribution concentrates on the new concept of "FOCUS AREA", and provides the elements of definition for a typical example that, with due market considerations to justify the development of new IMT-2000 Wireless Access standards. The addition of a new IP Broadband Wireless Access standard to the IMT-2000 family, offering unprecedented bandwidths and transparent access to all the content of the Internet and any content, public or private, based on the Internet Protocol, could become a powerful element to consolidate the growth of the wireless industry.
In line with the needs of developing countries as identified in Question ITU-R 77-4/8 this contribution should be considered as the basis for the development of a Preliminary Draft New Recommendation for the development of new IMT-2000 Wireless Access standards.
Noted for Information

1p120420
Update Procedure for Revisions of Recommendation ITU-R M.1457 (Detailed specifications of the radio interfaces of IMT-2000) 10 November 2000 (085e_ww9.doc)
Note that the updating process described in Circular-Letter 8/LCCE/82 of 4 October 2000 is still valid and the procedure contained in this letter is intended to give more focus to the updating process. Comments are invited to be submitted to the **4th meeting of WP 8F (Rabat, Morocco, 21-27.2.2001**) when the Working Party intends to conclude its deliberations on the updating process of Recommendation ITU-R M.1457 (RSPC).
Noted – For Information.

1p120430
Fourth meeting of Working Party 8F (27 November 2000) Circular Letter (086e_ww9.doc)
Meeting Notice and Agenda for the fourth meeting of Working Party 8F was foreseen in the program of the Radiocommunication Study Groups by the meeting of Study Group Chairmen and Vice-Chairmen in June 2000. Date and place of the meeting: Following the kind invitation from the Administration of Morocco, the meeting will take place in the Hotel Hilton Rabat, from 21 to 27 February 2001.
Noted – For Information

1p120440
Working Document Towards a Preliminary Draft New Recommendation on Characteristics of Terrestrial IMT-2000 Systems for Frequency Sharing/Interference Analyses (US8F01-16 (Rev. 1))
The values of the 3G mobile and base stations technical parameters, traffic model, and rate of network development used in the U.S. studies are summarized in the tables 1 & 2. It suggests that these characteristics be used by anyone undertaking interference or sharing studies between 3G systems and incumbent services operating within the United States.   It is anticipated that the US will submit at a subsequent WP 8F meeting a PDNR for IMT-2000 system characteristics.
These are the characteristics that should be used in simulations.
Noted for information.

Working Group T1P1.2 GSM/3G Radio
Meeting Report
Puerto Vallarta, Mexico
January 29-2, 2001

1p120460

Updates to Vision and Objectives of the Ongoing Enhancement of IMT-2000 and Systems Beyond ITM-2000 (US8F01_29(R1). doc)

This document offers additional areas of study for the working document towards a PDNR on vision and objectives. The subject areas are air interface, security, services, roaming, and billing. It raised the question: "Should the air interface be an extension of the network technology that it is bearing?"
Noted – For Information

1p120470

Update Procedure for Revisions of Recommendation ITU-R M.1457 (Detailed specifications of the radio interfaces of IMT-2000) Circular Letter (085c1e_ww9.doc)
Noted – For Information

5.2. **3GPP TSG RAN**

3GPP Meeting info

1p120410   **3GPP Work Plan – Cover page - Version 2000, December 19th**
Noted – For Information

RAN Plenary

1p120290   **Report from TSG RAN#10 From Bangkok (R1-01-0067)**
1p120300   **Study Item sheets - latest situation in RAN**
1p120310   **Work Item sheets - latest situation in RAN**
1p120380   **List of TSG-RAN Temporary Documents (RP_2000.xls)**
All documents were Noted – For Information

RAN 1

1p120230   **Theoretical Block Adaptive Modulation Diagram (From Tdoc: R1-010025).**
1p120280   **Draft Minutes for 3GPP TSG-RAN WG1 17th Meeting *(R1-001497)***
1p120330   **Text proposal on HARQ complexity to TR25.848, Rev. 1 *(R1-01-0128)***
1p120340   **Report from Ad Hoc #21: 1.28 Mcps TDD (TSGR1#18(01) 0151)**
1p120350   **3G TR25.848 V0.4.0(2000-05)Physical Layer Aspects of UTRA High Speed Downlink Packet Access (R1-01-177)**
All documents were Noted – For Information

RAN 2

1p120360   **Draft Report of the 17th TSG-RAN WG2 meeting (R2-010002)**
1p120520   **Draft Report of the 18th TSG-RAN WG2 meeting (R2-010254)**
All documents were Noted – For Information

RAN 3

1p120370   **Draft Minutes of WG3 meeting #17 (R3-010004)**

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1p120370   **Draft Minutes of WG3 meeting #17 (R3-010004)**
All documents were Noted – For Information

Working Group T1P1.2 GSM/3G Radio
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RAN 4

1p120130	**Future updates of IMT-2000 CDMA DS and IMT-2000 CDMA TDD to ITU-R WP 8F (TSG R4#15(01)0147) R4-010147.zip**
	Noted for information, T1P1.2/2001 - 055 is the revised text from RAN 4.
1p120510	**Draft Report of the 15th TSG RAN WG4 meeting**
1p120530	**LS from: RAN4 revisions of "Future updates of IMT-2000 CDMA DS and IMT-2000 CDMA TDD to ITU-R WP8F" (R4-010160)**
	This document was reviewed by the group. It was decided to endorse the updates from RAN and send a liaison to WP8F stating T1P1's support. T1P1.2/2001- 055 is the LS. It was noted after the T1P1.3 Joint meeting with T1P1.2 - this document was the incorrect document to send a response Liaison from T1P1.2. A response liaison is needed for T1P1.2/2001-19. Thus, T1P1.2 revised the T1P1.2/2001-55 liaison to reflect the necessary changes. **T1P1.2/2001-53 was noted for information.**
1p120550	**LS to WP 8F: Future updates of IMT-2000 CDMA DS and IMT-2000 CDMA TDD" (Action for T1P1 plenary)**
	This document was revised to T1P1.2/2001-55r1
1p120551	**Updated LS to ITU-R WP8F a response to ITU-R WP8F regarding the general aspects of the proposals contained in Circular Letter 8/LCCE/85.**
	T1P1.2 approved this liaison to move forward to the T1P1 plenary for approval. Approval action needed at the plenary.
1p120560	**Future updates of IMT-2000 CDMA DS and IMT-2000 CDMA TDD". The revisions proposed by 3GPP TSG RAN are endorsed by T1P1.**
	This document was added as an attachment to T1P1.2/2001-55, it is the minor editorial modifications of T1P1.2/2001- 053. This document was noted for information.

RAN ITU-AD-HOC

1p120140	**Comments on the update procedure for revisions of Recommendation ITU-R M.1457 (RT-000033.zip)**
	Withdrawn
1p120150	**Update procedure for revisions of Recommendation ITU-R M.1457(RT-000034.zip)**
	Withdrawn
1p120160	**Submission of future updates of WCDMA to ITU-R WP 8F (RT-000035.zip)**
	Withdrawn
1p120170	**Status Report- ITU (RT-000036.zip)**
	Withdrawn
1p120190	**Comments on the update procedure for revisions of Recommendation ITU-R M.1457 (RP-0000709 clean.zip)**
	This document was discussed and reviewed in detail by T1P1.2. As a result two liaisons were drafted for ITU-R WP8F (T1P1.2/2001-55r1) and to the US Delegation to WP8F (T1P1.2/2001-74). T1P1.2/2001-19 was used as an attachment in the liaisons. T1P1.2 has reviewed the attached document, "Update Procedure for Revisions of Recommendation M.1457 (RSPC)". And the proposal by 3GPP TSG RAN is endorsed by T1P1.2. T1P1.2 also recommends that this proposal be used in the development of the US position for incorporation into ITU-R M.1457 (RSPC). Agreed by T1P1.2

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1p120200   **Submission of future updates of IMT-2000 CDMA DS and IMT-2000 CDMA TDD to ITU-R WP 8F (RP-0000718 clean.doc)**
This document was noted for information

1p120260   **Update Procedure for Revisions of Recommendation ITU-R M.1457 (Detailed specifications of the radio interfaces of IMT-2000) (IMT-RSPC)**
This document was noted for information

1p120270   **PROPOSED PROCEDURE TO PROVIDE ASSURANCE FOR THE GLOBAL CORE SPECIFICATION AS RELATES TO RECOMMENDATION ITU-R M.1457 and OTHER ITU-R RECOMMENDATIONS ON IMT-2000 (IMT-RSPC2)**
This document was noted for information

1p120390   **Proposed answer on the proposed procedure to provide assurance for the global core specification as relates to Recommendation ITU-R M.1457 and other ITU-R Recommendations on IMT-2000 (RT-010002)**
This document was noted for information

1p120400   **Revision of the technical annexes of the contribution for ITU-R WP 8F contained in RP-000718 RT-010003)**
This document was noted for information

5.3.   **3GPP TSG GERAN**

1p120210   **Draft Report of TSGGERAN meeting #3, version 0.0.1**
This document was noted for information

5.4.   **3GPP TSG SA**

1p120480   **3GPP Meeting Calendar**
1p120490   **3GPP Release Matrix Introduction**
1p120500   **3GPP Release Matrix**
1p120220   **Draft Report of TSGSA meeting #10, version 0.0.4**
All above documents were noted for information

6. Current Business

1p120060   **Common Packet Channel in Release 4**   Golden Bridge, Karin Zickermann
1p120730   **The Use of CPCH for T1P1.2 and T1P1.3**   Golden Bridge, Karin Zickermann

Karin Zickerman, Golden Bridge presented background information on the history of CPCH.   Golden Bridge would like Individual member companies of T1P1 endorse to RAN WG2 and to RAN#11, if necessary that the common packet channel feature be mandatory in Release 4 for certain UE classes.
The changes are mainly in the software of the handsets not the hardware. The incorporation of CPCH to the Base Node requires additional RACH HW. All other changes are software. The incorporation of CPCH to the User Equipment requires an additional preamble detector. All other changes are software.

T1P1.2 members are interested in who has already endorsed this proposal.
Certain UE Classes - Does that mean all handsets need to change?
How will this fit in the All IP concept? How will it migrate into release 5?

The documents were Noted.

T1P1/2001-018
T1P1.2/2001-077

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6.1. **QUESTIONS FOR THE DEVELOPMENT OF FREQUENCY ARRANGEMENTS OF IMT-2000 TERRESTRIAL AND SATELLITE COMPONENTS**

1p120120 **Response to questions for the development of frequency arrangements of IMT-2000 terrestrial and satellite components (Ref: Document 8F/TEMP/20(Rev.1)) 179e_ww9.doc**
Document noted for information

6.2. **Development of the Handbook on Deployment of IMT 2000 Systems (T1P1.2/2000-93)**

1p120080 **EXAMINATION OF SPECTRUM ISSUES related to UMTS (009e.rtf)**
This contribution examines spectrum issues related to UMTS in Europe. T1P1.2 members agreed that including a section on spectrum for Region 2 of ITU would be beneficial addition to the development of the Handbook for Deployment of IMT-2000 Systems for Developing countries. It was noted for information.

1p120090 **Report of first meeting of WP 8F (Document 8F/9-E) 009e_ww9.doc**
Document noted for information

1p120100 **Question ITU-R 77/8 (Developing countries) Document 8F/55-E055e_ww9.doc**
Based on the requirements identified on topics for the Handbook on deployment of IMT-2000 systems at the first meeting of WP 8F , this contribution proposes a draft table of contents for the Handbook for consideration by WP 8F. The intent is to present in a logical manner the topics identified so far. T1P1.2 members agreed to form a drafting group to study the best way forward on this topic, utilizing this document as a starting point for the development of the Handbook for Deployment of IMT-2000 Systems for Developing countries. It was noted for information.

6.3. **Updating T1. 713**

In the T1P1.2/T1P1.3 joint meeting the group discussed how to update the 3GPP technical specifications. A Liaison was sent to GSM-NA from Girdwood meeting. (T1P1/2000-250). A response received from GSMNA - T1P1.3/2001-042. Stated that the member companies of GSM-NA support the process outlined by T1P1. GSMNA also believes that maintaining a single American National Standard containing the relevant specifications from multiple releases is of the most value, in both time and resources. The proposal for updated 3GPP specifications include:

> 1.) Use the same format and approach used in T1.713 and T1.715 (i.e. list of normative references).
> 2.) Update T1.713 references to use the 3GPP specs, as is the case for T1.715, instead of the current reference to ETSI specs. Include the most recent relevant version of these specs.
> 3.) Update sections on Location Services and Number Portability
> 4.) Add EDGE specs
> 5.) Add section on TTY/GTT
> 6.) Add other new services proposed by GSM NA or others
> 7.) Ensure new services/specifications are harmonized for use in PCS 1900 networks
> 8.) Begin ballot process at January or April meeting at the latest

Discussions continue in T1P1.2 & T1P1.3, volunteers are needed to work on this item before April Meeting!

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7. T1P1 Plenary Items

Outgoing Liaisons for T1P1 Approval

1p12055r1   **Updated LS to ITU-R WP8F a response to ITU-R WP8F regarding the general aspects of the proposals containe d in Circular Letter 8/LCCE/85.**
            T1P1.2 approved this liaison to move forward to the T1P1 plenary for approval

1p120740   **LS to US Delegation WP8F**
            T1P1.2 Approved

1p120750   **LS: Update Procedure for Revisions of Recommendation ITU-R M.1457 to Stephen Blust**
            T1P1.2 Approved; this document was developed jointly with T1P1.3. It will be presented to T1P1 as one document developed by both groups.

1p120760   **LS: T1P1 Position on 3GPP Election Criteria to Asok Chatterjee**
            T1P1.2 Approved; This document was developed jointly with T1P1.3. It will be presented to T1P1 as one document developed by both groups.

8. Future Meetings

T1P1 Meeting Schedule
April 23-27, 2001
July 16-20, 2001
October 29-02, 2001

9. Adjournment

The meeting adjourned at 9:50 AM Thursday, February 01, 2001

ANNEX 1 - T1P1.2 AGENDA
Puerto Vallarta, Mexico
January 29-2, 2001

ANNEX 1 - T1P1.2 AGENDA
Location
Marriott Casa Magna Paseo
De La Marina No. 5
Marina Vallarta C.P. 48354
Puerto Vallarta, Jalisco, Mexico
Hotel Phone: +52 3 221-0004
Guest Fax: +52 3 221-0760
Reservations: 800-223-6388

Schedule

Time	Mon. 1/29/01	Tues. 1/30/01	Wed.1/31/01	Thurs 2/1/01	Fri. 2/2/01
8:30 AM	T1P1.2 opening	T1P1.2 continued		T1P1.2 closing*	
9:00 AM	–	–	Joint T1P1.2 & TR46.2	–	
Lunch					
1:30 PM	T1P1.2 continued	Joint T1P1.2 & T1P1.3	T1P1.2 continued		
Evening					

T1P1.2 Notes:
*   All times are approximate - please frequently review the bulletin board for changes and updates of schedules

**   Meetings are electronic in that all documents should be uploaded to the T1P1.2 website prior to January 26,2001 a notice will automatically be sent by the website once the file has been uploaded. It will send the information to the T1P1.2 email reflector.

***   Documents that have not been uploaded to the T1P1.2 website by January 26, 2001 shall be brought into T1P1.2 in both electronic and paper formats (sufficient paper copies for attendees that want paper copies). Documents that are uploaded to the T1P1.2 website after the January 26, 2001 deadline will be reviewed subsequent to any contribution that was submitted by January 26, 2001.

****   All attendees are encouraged to bring a laptop computer with both floppy disk capability and also CD ROM-read capability. Very limited printing capabilities will be available at the hotel. During the meeting, a wireless LAN may be available to connect to a T1P1 local server.

ANNEX 1 - T1P1.2 AGENDA
Puerto Vallarta, Mexico
January 29-2, 2001

Title: **Meeting Agenda**

Source: **T1P1.2 Chair & Vice Chair**
Don Zelmer, Cingular & Margaret Livingston, Nokia

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1. Welcome and Introductions

2. Review and Approval of Agenda

T1P1.2/2001-002

3. Announcements

3.1   Joint meeting with T1P1.3 (Tuesday Afternoon 1:30 PM)

1p120320   LCS Workshop Meeting Report, London, UK, 11-12 January 2001
1p120410   3GPP Work Plan – Cover page Version 2000, December 19th
1p120480   3GPP Meeting Calendar

3.2   Special TR46.2 Joint meeting with T1P1.2 (Wednesday Morning 9-Noon)

0p121260   Interference scenarios for UTRA FDD in the 1800 MHz band (R4-000907)
0p121270   Study points for the "UMTS1800" Work Item(R4-000908) Ericsson – RAN 4 Johan Skold
1p120050   LS on 1.28 Mcps TDD and 3.84 Mcps TDD co-existence studies in RAN4 (answer to R1-00-1321)
1p120180   Proposed TR46.2 Agenda
1p120440   Working Document Towards a Preliminary Draft New Recommendation on Characteristics of Terrestrial IMT-2000 Systems for Frequency Sharing/Interference Analyses (US8F01-16(Rev. 1)) . (Note question for TR46.2 – TDD 1.28 Mega Chip in the USA & Simulations for interference of the items listed.)
1p120590   TR46.2 / T1P1.2 Joint meeting announcement (TR46.2_01)
1p120600   Meeting Summary for October 17-18, 2000 (Girdwood, AK) (TR462_02)
1p120610   T1P1.2 / TR46.2 Joint Meeting Summary (TR46.2_03)
1p120620   TR46.2 & T1P1.2 Joint Meeting Agenda Puerto Vallarta, Mexico (TR46.2_04)
1p120630   (RP-000467, to TSG-RAN) Proposed response to LS (ITU-R WP 8F) on Unwanted emissions (TR46.2_05)
1p120640   LS on 1.28 Mcps TDD and 3.84 Mcps TDD co-existence studies in RAN4 (answer to R1-00-1321) (TR46.2_06)
1p120650   Working Document Towards a Preliminary Draft New Recommendation on Characteristics of IMT-2000 Systems for Frequency Sharing/Interference Analyses (TR46.2_07)
1p120660   Interference scenarios for UTRA FDD in the 1800 MHz band - *TSG R4#14 (00)0907* (TR46.2_08)
1p120670   IMT-2000 frequency arrangements Options for IMT-2000 in the US DISCUSSION DOCUMENT (TR46.2_09)
1p120680   TR 46.2_FYI Folder - Spectrum Issues
1p120690   The final version of the 3G characteristics Table for MS & Base Stations. (Zip file)
1p120700   Working Document on what Isat/N to use for a PFD Threshold in the Band 2630-2655 MHz for Non-GSO Satellite Networks: (US8F01-24(R2) (T1P1.3/2001-46)
1p120710   3G BAND PLANS *Revised Final Draft*
1p120720   VoiceStream Band Plan Proposal

ANNEX 1 - T1P1.2 AGENDA
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Review of the week's plan and the method for work to proceed

T1P1/2001 – 005 Week at a glance

Closing Session (Thursday, Morning-8:30 AM)

4. IPR Question

Other than reaffirming their company's previously stated positions, does anyone wish to make any statement regarding IPR on standards being worked in this committee?

5. Assignment of Contributions to Agenda Items

6. Assignments from last meeting

Set up attachment for T1P1.2 email reflector

1p120540   T1P1.2 Attachment Reflector

7. Liaisons

1p120240   Re: The Way Forward for T1P1 PCS1900 Standards   [T1P1/2000-250] – Response from GSMNA to T1P1

1p120250   The Way Forward for T1P1 PCS1900 Standards   [T1P1/2000-250]

8. Reports from other Groups

8.1.   ITU-R WP8F

1p120070   REPORT OF THE FIRST MEETING OF WORKING PARTY 8F (Document 8F/2-E); (002e_ww9.doc)
1p120110   IP BROADBAND WIRELESS ACCESS Document 8F/128-E (128e_ww9.doc)
1p120420   Update Procedure for Revisions of Recommendation ITU-R M.1457 (Detailed specifications of the radio interfaces of IMT-2000)10 November 2000 (085e_ww9.doc)
1p120430   Fourth meeting of Working Party 8F (27 November 2000) Circular Letter (086e_ww9.doc)
1p120440   Working Document Towards a Preliminary Draft New Recommendation on Characteristics of Terrestrial IMT-2000 Systems for Frequency Sharing/Interference Analyses (US8F01-16(Rev. 1))
1p120460   Updates to Vision and Objectives of the Ongoing Enhancement of IMT-2000 and Systems Beyond ITM-2000 (US8F01_29(R1).doc)
1p120470   Update Procedure for Revisions of Recommendation ITU-R M.1457 (Detailed specifications of the radio interfaces of IMT-2000) Circular Letter (085c1e_ww9.doc)

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8.2. **3GPP TSG RAN**

3GPP Meeting info – 41

1p120410   3GPP Work Plan – Cover page - Version 2000, December 19th

RAN Plenary- 29, 30, 31, 38

1p120290   Report from TSG RAN#10 From Bangkok (R1-01-0067)
1p120300   Study Item sheets - latest situation in RAN
1p120310   Work Item sheets - latest situation in RAN
1p120380   List of TSG-RAN Temporary Documents (RP_2000.xls)

RAN 1 – 23, 28, 33, 34, 35

1p120230   Theoretical Block Adaptive Modulation Diagram (From Tdoc: R1-010025).
1p120280   Draft Minutes for 3GPP TSG-RAN WG1 17th Meeting *(R1-001497)*
1p120330   Text proposal on HARQ complexity to TR25.848, Rev. 1 *(R1-01-0128)*
1p120340   Report from Ad Hoc #21: 1.28 Mcps TDD (TSGR1#18(01)0151)
1p120350   3G TR25.848 V0.4.0(2000-05)Physical Layer Aspects of UTRA High Speed Downlink Packet Access (R1-01-177)

RAN 2- 36, 52

1p120360   Draft Report of the 17th TSG-RAN WG2 meeting (R2-010002)
1p120520   Draft Report of the 18th TSG-RAN WG2 meeting (R2-010254)

RAN 3- 37

1p120370   Draft Minutes of WG3 meeting #17 (R3-010004)

RAN 4 – 13, 51, 53

1p120130   Future updates of IMT-2000 CDMA DS and IMT-2000 CDMA TDD to ITU-R WP 8F (TSG R4#15(01)0147) R4-010147.zip
1p120510   Draft Report of the 15th TSG RAN WG4 meeting
1p120530   LS from: RAN4 revisions of "Future updates of IMT-2000 CDMA DS and IMT-2000 CDMA TDD to ITU-R WP8F" (R4-010160)

RAN ITU-AD-HOC: 14, 15, 16, 17,19, 20, 26, 27, 39, 40

1p120140   Comments on the update procedure for revisions of Recommendation ITU-R M.1457 (RT-000033.zip)
1p120150   Update procedure for revisions of Recommendation ITU-R M.1457(RT-000034.zip)
1p120160   Submission of future updates of WCDMA to ITU-R WP 8F (RT-000035.zip)
1p120170   Status Report- ITU (RT-000036.zip)
1p120190   Comments on the update procedure for revisions of Recommendation ITU-R M.1457 (RP-0000709 clean.zip)
1p120200   Submission of future updates of IMT-2000 CDMA DS and IMT-2000 CDMA TDD to ITU-R WP 8F (RP-0000718 clean.doc)
1p120260   Update Procedure for Revisions of Recommendation ITU-R M.1457 (Detailed specifications of the radio interfaces of IMT-2000) (IMT-RSPC)
1p120270   PROPOSED PROCEDURE TO PROVIDE ASSURANCE FOR THE GLOBAL CORE SPECIFICATION AS RELATES TO RECOMMENDATION ITU-R M.1457 and OTHER ITU-R RECOMMENDATIONS ON IMT-2000 (IMT-RSPC2)

1p120390   Proposed answer on the proposed procedure to provide assurance for the global core specification as relates to Recommendation ITU-R M.1457 and other ITU-R Recommendations on IMT-2000 (RT-010002)

1p120400   Revision of the technical annexes of the contribution for ITU-R WP 8F contained in RP-000718 RT-010003)

8.3.   3GPP TSG GERAN

1p120210   Draft Report of TSG GERAN meeting #3, version 0.0.1

8.4.   3GPP TSG SA

1p120480   3GPP Meeting Calendar
1p120490   3GPP Release Matrix Introduction
1p120500   3GPP Release Matrix
1p120220   Draft Report of TSG SA meeting #10, version 0.0.4

9. Current Business

1p120060   Common Packet Channel in Release 4   Golden Bridge, Karin Zickermann

9.1. QUESTIONS FOR THE DEVELOPMENT OF FREQUENCY ARRANGEMENTS OF IMT-2000 TERRESTRIAL AND SATELLITE COMPONENTS

1p120120   Response to questions for the development of frequency arrangements of IMT-2000 terrestrial and satellite components (Ref: Document 8F/TEMP/20(Rev.1)) 179e_ww9.doc

9.2. Development of the Handbook on Deployment of IMT 2000 Systems (T1P1.2/2000-93)

1p120080   EXAMINATION OF SPECTRUM ISSUES related to UMTS (009e.rtf)
1p120090   Report of first meeting of WP 8F (Document 8F/9-E) 009e_ww9.doc
1p120100   Question ITU-R 77/8 (Developing countries) Document 8F/55-E055e_ww9.doc

9.3. Updating T1. 713

10.   New Business & Future Work Assignments

Outgoing Liaisons for T1P1 Approval

1p120740   LS to US Delegation WP8F
1p120750   LS: Update Procedure for Revisions of Recommendation ITU-R M.1457 to Stephen Blust
1p120760   LS: T1P1 Position on 3GPP Election Criteria to Asok Chatterjee

11.   Old Business

12.   Future Meetings

T1P1 Meeting Schedule
April 23-27, 2001
July 16-20, 2001
October 29-02, 2001

13.   Any other business

14.   Adjournment

ANNEX 2 - T1P1.2 ATTENDANCE LIST
Puerto Vallarta, Mexico
January 29-2, 2001

ANNEX 2 - T1P1.2 ATTENDANCE LIST

NAME	COMPANY	E-MAIL
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Mark Younge	VoiceStream	Mark.younge@voicestream.com
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ANNEX 2 - T1P1.2 ATTENDANCE LIST
Puerto Vallarta, Mexico
January 29-2, 2001

Stephen Hayes	Ericsson	Stephen.hayes@ericsson.com
Peter Musgrove	At&t wireless services	Peter.musgrove@attws.com
Jean Trakinat	National Comm System	Trakinaj@ncs.gov
Bob Toler	Siemens ICM	Embcs@msn.com
Ron Ryan	Nortel Networks	Rryan@nortelnetworks.com
Gary Jones	VoiceStream	Gary.jones@voicestream.com

ANNEX 3 - T1P1.2 DOCUMENT LIST
Puerto Vallarta, Mexico
January 29-2, 2001

ANNEX 3: DOCUMENT LIST

FILE NAME	DOC#	SUBJECT	MEETING DATE:	SOURCE	CONTACTS	STATUS
0p121180	T1P1.2/2000-36	ITU Meeting 13 November 2000 Draft Agenda	01/29/2001	ITU Meeting	Don Zelmer	WD
0p121190	T1P1.2/2000-37	ITU Meeting 13 November 2000 List of Documents	01/29/2001	ITU Meeting	Don Zelmer	WD
0p121200	T1P1.2/2000-38	ITU Meeting 13 November 2000: GSC6 Resolution Concerning collaboration between 3GPPs/SDOs and ITU-T (3GPPs-SDOs/ITU_04)	01/29/2001	ITU Meeting	Don Zelmer	WD
0p121210	T1P1.2/2000-39	ITU Meeting 13 November 2000: Contribution to GSC6 on Collaboration between 3GPPs/SDOs and ITU-T (3GPPs-SDOs/ITU_05)	01/29/2001	ITU Meeting	Don Zelmer	WD
0p121220	T1P1.2/2000-40	ITU Meeting 13 November 2000: Existing collaboration mechanism between 3GPPs/SDOs and ITU-R (3GPPs-SDOs/ITU_06)	01/29/2001	ITU Meeting	Don Zelmer	WD
0p121230	T1P1.2/2000-41	ITU Meeting 13 November 2000: Need for collaboration between ITU-T and 3GPPs/SDOs (3GPPs-SDOs/ITU_07)	01/29/2001	ITU Meeting	Don Zelmer	WD
0p121240	T1P1.2/2000-42	ITU Meeting 13 November 2000: Update Procedure for Revisions of Recommendation ITU-R M.1457 (Detailed specifications of the radio interfaces of IMT-2000) 3GPPs-SDOs/ITU_08	01/29/2001	ITU Meeting	Don Zelmer	WD
0p121250	T1P1.2/2000-43	ITU Meeting 13 November 2000: ITU-R Studies on IMT-2000 Spectrum Harmonization and Terminal Circulation 3GPPs-SDOs/ITU_09	01/29/2001	ITU Meeting	Don Zelmer	WD
0p121260	T1P1.2/2000-44	Interference scenarios for UTRA FDD in the 1800 MHz band (R4-000907)	01/29/2001	Ericsson – RAN 4	Johan Skold Don Zelmer	TR46.2
0p121270	T1P1.2/2000-45	Study points for the "UMTS1800" Work Item(R4-000908)	01/29/2001	Ericsson – RAN 4	Johan Skold Don Zelmer	TR46.2
0p121280	T1P1.2/2000-46	Update Procedure for Revisions of Recommendation ITU-R M.1457 (Detailed specifications of the radio interfaces of IMT-2000) *3GPP/PCG#5(00)23*	01/29/2001	Fabio Leite, ITU;	Don Zelmer	WD

ANNEX 3 - T1P1.2 DOCUMENT LIST
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2001

FILE NAME	DOC#	SUBJECT	MEETING DATE:	SOURCE	CONTACTS	STATUS
1p120010	T1P1.2/2001-01					
1p120020	T1P1.2/2001-02	Draft Agenda for Working Group T1P1.2 GSM/3G Radio, Puerto Vallarta, Mexico	1/29/2001	T1P1.2 VC	Margaret Livingston	Revised
1p120021	T1P1.2/2001-02r1	Revised: Draft Agenda for Working Group T1P1.2 GSM/3G Radio, Puerto Vallarta, Mexico	1/29/2001	T1P1.2 VC	Margaret Livingston	Approved
1p120030	T1P1.2/2001-03	TR46.2 & T1P1.2 Joint Meeting Agenda, Puerto Vallarta, Mexico	1/29/2001	T1P1.2 VC	Margaret Livingston	Approved
1p120040	T1P1.2/2001-04	T1P1.2& T1P1.3 Joint Meeting Agenda, Puerto Vallarta, Mexico	1/29/2001	T1P1.2 VC	Margaret Livingston	Revised
1p120041	T1P1.2/2001-04r1	Revised: T1P1.2& T1P1.3 Joint Meeting Agenda, Puerto Vallarta, Mexico	1/29/2001	T1P1.2 VC	Margaret Livingston	Approved
1p120050	T1P1.2/2001-05	(RP-000524) LS on 1.28 Mcps TDD and 3.84 Mcps TDD co-existence studies in RAN4	1/29/2001	T1P1.2 VC	Margaret Livingston	TR46.2
1p120060	T1P1.2/2001-06	Common Packet Channel in Release 4	1/29/2001	Golden Bridge	Karin Zickermann	Noted
1p120070	T1P1.2/2001-07	REPORT OF THE FIRST MEETING OF WORKING PARTY 8F (Document 8F/2-E); (002e_ww9.doc)	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120080	T1P1.2/2001-08	EXAMINATION OF SPECTRUM ISSUES related to UMTS (009e.rtf)	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120090	T1P1.2/2001-09	Report of first meeting of WP 8F (Document 8F/9-E) 009e_ww9.doc	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120100	T1P1.2/2001-010	Question ITU-R 77/8 (Developing countries) Document 8F/55-E055e_ww9.doc	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120110	T1P1.2/2001-011	IP BROADBAND WIRELESS ACCESS Document 8F/128-E (128e_ww9.doc)	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120120	T1P1.2/2001-012	Response to questions for the development of frequency arrangements of IMT-2000 terrestrial and satellite components (Ref: Document 8F/TEMP/20(Rev.1)) 179e_ww9.doc	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120130	T1P1.2/2001-013	Future updates of IMT-2000 CDMA DS and IMT-2000 CDMA TDD to ITU-R WP 8F (TSG R4#15(01)0147) R4-010147.zip	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted

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Puerto Vallarta, Mexico
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FILE NAME	DOC#	SUBJECT	MEETING DATE:	SOURCE	CONTACTS	STATUS
1p120140	T1P1.2/2001-014	Comments on the update procedure for revisions of Recommendation ITU-R M.1457 (RT-000033.zip)	1/29/2001	T1P1.2 VC	Margaret Livingston	WD
1p120150	T1P1.2/2001-015	Update procedure for revisions of Recommendation ITU-R M.1457(RT-000034.zip)	1/29/2001	T1P1.2 VC	Margaret Livingston	WD
1p120160	T1P1.2/2001-016	Submission of future updates of WCDMA to ITU-R WP 8F (RT-000035.zip)	1/29/2001	T1P1.2 VC	Margaret Livingston	WD
1p120170	T1P1.2/2001-017	Status Report- ITU (RT-000036.zip)	1/29/2001	T1P1.2 VC	Margaret Livingston	WD
1p120180	T1P1.2/2001-018	Proposed TR46.2 Agenda	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120190	T1P1.2/2001-019	Comments on the update procedure for revisions of Recommendation ITU-R M.1457 (RP-0000709 clean.zip)	1/29/2001	T1P1.2 VC	Margaret Livingston	Agreed
1p120200	T1P1.2/2001-020	Submission of future updates of IMT-2000 CDMA DS and IMT-2000 CDMA TDD to ITU-R WP 8F (RP-0000718 clean.doc)	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120210	T1P1.2/2001-021	Draft Report of TSG GERAN meeting #3, version 0.0.1	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120220	T1P1.2/2001-022	Draft Report of TSG SA meeting #10, version 0.0.4	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120230	T1P1.2/2001-023	Theoretical Block Adaptive Modulation Diagram (From Tdoc: R1-010025).	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120240	T1P1.2/2001-024	Re: The Way Forward for T1P1 PCS1900 Standards [T1P1/2000-250] – Response from GSMNA to T1P1	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120250	T1P1.2/2001-025	The Way Forward for T1P1 PCS1900 Standards [T1P1/2000-250]	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120260	T1P1.2/2001-026	Update Procedure for Revisions of Recommendation ITU-R M.1457 (Detailed specifications of the radio interfaces of IMT-2000) (IMT-RSPC)	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120270	T1P1.2/2001-027	PROPOSED PROCEDURE TO PROVIDE ASSURANCE FOR THE GLOBAL CORE SPECIFICATION AS RELATES TO RECOMMENDATION ITU-R M.1457 and OTHER ITU-R RECOMMENDATIONS ON IMT-2000 (IMT-RSPC2)	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted

ANNEX 3 - T1P1.2 DOCUMENT LIST
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FILE NAME	DOC#	SUBJECT	MEETING DATE:	SOURCE	CONTACTS	STATUS
1p120280	T1P1.2/2001-028	Draft Minutes for 3GPP TSG-RAN WG1 17th Meeting (R1-001497)	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120290	T1P1.2/2001-029	Report from TSG RAN#10 From Bangkok (R1-01-0067)	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120300	T1P1.2/2001-030	Study Item sheets - latest situation in RAN	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120310	T1P1.2/2001-031	Work Item sheets - latest situation in RAN	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120320	T1P1.2/2001-032	LCS Workshop Meeting Report, London, UK, 11-12 January 2001	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120330	T1P1.2/2001-033	Text proposal on HARQ complexity to TR25.848, Rev. 1 (R1-01-0128)	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120340	T1P1.2/2001-034	Report from Ad Hoc #21: 1.28 Mcps TDD (TSGR1#18(01)0151)	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120350	T1P1.2/2001-035	3G TR25.848 V0.4.0(2000-05)Physical Layer Aspects of UTRA High Speed Downlink Packet Access (R1-01-177)	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120360	T1P1.2/2001-036	Draft Report of the 17th TSG-RAN WG2 meeting (R2-010002)	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120370	T1P1.2/2001-037	Draft Minutes of WG3 meeting #17 (R3-010004)	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120380	T1P1.2/2001-038	List of TSG-RAN Temporary Documents (RP_2000.xls)	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120390	T1P1.2/2001-039	Proposed answer on the proposed procedure to provide assurance for the global core specification as relates to Recommendation ITU-R M.1457 and other ITU-R Recommendations on IMT-2000 (RT-010002)	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120400	T1P1.2/2001-040	Revision of the technical annexes of the contribution for ITU-R WP 8F contained in RP-000718 RT-010003)	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120410	T1P1.2/2001-041	3GPP Work Plan – Cover page Version 2000, December 19th	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120420	T1P1.2/2001-042	Update Procedure for Revisions of Recommendation ITU-R M.1457 (Detailed specifications of the radio interfaces of IMT-2000)10 November 2000 (085e_ww9.doc)		T1P1.2 VC	Margaret Livingston	Noted

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FILE NAME	DOC#	SUBJECT	MEETING DATE:	SOURCE	CONTACTS	STATUS
1p120430	T1P1.2/2001-043	Fourth meeting of Working Party 8F (27 November 2000) Circular Letter (086e_ww9.doc)	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120440	T1P1.2/2001-044	Working Document Towards a Preliminary Draft New Recommendation on Characteristics of Terrestrial IMT-2000 Systems for Frequency Sharing/Interference Analyses (US8F01-16(Rev. 1))	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120450	T1P1.2/2001-045	Working Document on what Isat/N to use for a PFD Threshold in the Band 2630-2655 MHz for Non-GSO Satellite Networks (US8F01_24(R2)	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120460	T1P1.2/2001-046	Updates to Vision and Objectives of the Ongoing Enhancement of IMT-2000 and Systems Beyond ITM-2000 (US8F01_29(R1).doc)	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120470	T1P1.2/2001-047	Update Procedure for Revisions of Recommendation ITU-R M.1457 (Detailed specifications of the radio interfaces of IMT-2000) Circular Letter (085c1e_ww9.doc)	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120480	T1P1.2/2001-048	3GPP Meeting Calendar	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120490	T1P1.2/2001-049	3GPP Release Matrix Introduction	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120500	T1P1.2/2001-050	3GPP Release Matrix	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120510	T1P1.2/2001-051	Draft Report of the 15th TSG RAN WG4 meeting	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120520	T1P1.2/2001-052	Draft Report of the 18th TSG-RAN WG2 meeting (R2-010254)	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120530	T1P1.2/2001-053	LS from: RAN4 revisions of "Future updates of IMT-2000 CDMA DS and IMT-2000 CDMA TDD to ITU-R WP8F" (R4-010160)	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120540	T1P1.2/2001-054	T1P1.2 Attachment Reflector	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120550	T1P1.2/2001-055	LS to US WP8F Delegation Future updates of IMT-2000 CDMA DS and IMT-2000 CDMA TDD". The revisions proposed by 3GPP TSG RAN are endorsed by T1P1.	1/29/2001	T1P1.2 VC	Margaret Livingston	Revised

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FILE NAME	DOC#	SUBJECT	MEETING DATE:	SOURCE	CONTACTS	STATUS
1p120551	T1P1.2/2001-55r1	Updated LS to ITU-R WP8F a response to ITU-R WP8F regarding the general aspects of the proposals contained in Circular Letter 8/LCCE/85.	1/29/2001	T1P1.2 VC	Margaret Livingston	Approved (T1P1 #)
1p120560	T1P1.2/2001-056	Future updates of IMT-2000 CDMA DS and IMT-2000 CDMA TDD". The revisions proposed by 3GPP TSG RAN are endorsed by T1P1.	1/29/2001	T1P1.2 VC	Margaret Livingston	Noted
1p120570	T1P1.2/2001-057	GERAN LCS Status	1/30/2001	T1P1.2 VC	Margaret Livingston	Noted T1P1.3 - 59
1p120580	T1P1.2/2001-058	3GPP LCS Presentation	1/30/2001	T1P1.2 VC	Margaret Livingston	Noted T1P1.3- 60
1p120590	T1P1.2/2001-059	TR46.2 / T1P1.2 Joint meeting announcement (TR46.2_01)	1/31/2001	TR46.2	Mike Williams	Noted TR46.2
1p120600	T1P1.2/2001-060	Meeting Summary for October 17-18, 2000 (Girdwood, AK) (TR462_02)	1/31/2001	TR46.2	Mike Williams	Noted TR46.2
1p120610	T1P1.2/2001-061	T1P1.2 / TR46.2 Joint Meeting Summary (TR46.2_03)	1/31/2001	TR46.2	Mike Williams	Noted TR46.2
1p120620	T1P1.2/2001-062	TR46.2 & T1P1.2 Joint Meeting Agenda Puerto Vallarta, Mexico (TR46.2_04)	1/31/2001	TR46.2	Mike Williams	Noted TR46.2
1p120630	T1P1.2/2001-063	(RP-000467, to TSG-RAN) Proposed response to LS (ITU-R WP 8F) on Unwanted emissions (TR46.2_05)	1/31/2001	TR46.2	Mike Williams	Noted TR46.2
1p120640	T1P1.2/2001-064	LS on 1.28 Mcps TDD and 3.84 Mcps TDD co-existence studies in RAN4 (answer to R1-00-1321) (TR46.2_06)	1/31/2001	TR46.2	Mike Williams	Noted TR46.2
1p120650	T1P1.2/2001-065	Working Document Towards a Preliminary Draft New Recommendation on Characteristics of IMT-2000 Systems for Frequency Sharing/Interference Analyses (TR46.2_07)	1/31/2001	TR46.2	Mike Williams	Noted TR46.2
1p120660	T1P1.2/2001-066	Interference scenarios for UTRA FDD in the 1800 MHz band - TSG R4#14 (00)0907 (TR46.2_08)	1/31/2001	TR46.2	Mike Williams	Noted TR46.2
1p120670	T1P1.2/2001-067	IMT-2000 frequency arrangements Options for IMT-2000 in the US DISCUSSION DOCUMENT (TR46.2_09)	1/31/2001	TR46.2	Mike Williams	Noted TR46.2
1p120680	T1P1.2/2001-068	TR 46.2_FYI Folder - Spectrum Issues	1/31/2001	TR46.2	Mike Williams	Noted TR46.2

ANNEX 3 - T1P1.2 DOCUMENT LIST
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FILE NAME	DOC#	SUBJECT	MEETING DATE:	SOURCE	CONTACTS	STATUS
1p120690	T1P1.2/2001-069	The final version of the 3G characteristics Table for MS & Base Stations. (Zip file)	1/31/2001	T1P1.2 Vice Chair	Margaret Livingston	Noted TR46.2
1p120700	T1P1.2/2001-070	Working Document on what Isat/N to use for a PFD Threshold in the Band 2630-2655 MHz for Non-GSO Satellite Networks: (US8F01-24(R2) (T1P1.3/2001-46)	1/31/2001	T1P1.2 Vice Chair	Margaret Livingston	Noted TR46.2
1p120710	T1P1.2/2001-071	3G BAND PLANS Revised Final Draft	1/31/2001	TR46.2	Mike Williams	Noted TR46.2
1p120720	T1P1.2/2001-072	VoiceStream Band Plan Proposal	1/31/2001	TR46.2	Mike Williams	Noted TR46.2
1p120730	T1P1.2/2001-073	Presentation: The Use of CPCH for T1P1.2 and T1P1.3	1/29/2001	Golden Bridge	Karin Zickerman	Noted
1p120740	T1P1.2/2001-074	LS to US Delegation WP8F	1/29/2001	T1P1.2 VC	M. Livingston	Approved (T1P1 #)
1p120750	T1P1.2/2001-075	LS: Update Procedure for Revisions of Recommendation ITU-R M.1457 to Stephen Blust	1/29/2001	T1P1.2 VC	M. Livingston	Approved (T1P1 #)
1p120760	T1P1.2/2001-076	LS: : T1P1 Position on 3GPP Election Criteria to Asok Chatterjee	1/29/2001	T1P1.2 VC	M. Livingston	Approved (T1P1 #)
1p120770	T1P1.2/2001-077	T1P1.2 Meeting Report: Puerto Vallarta, Mexico - January 29-2,2001	1/29/2001	T1P1.2 VC	M. Livingston	(T1P1 #)

T1P1.2

GSM/3G Radio

Meeting Summary

Working Group T1P1.2

Executive Summary

- T1P1.2 and T1P1.3 opened jointly on Monday, 29 January 2001 at 8:30 AM
- T1P1.2 met Monday - Wednesday, with the closing on Thursday morning.
- Several documents were provided for information including:
    - ITU-R Working Party 8F,
    - 3GPP TSG RAN, GERAN, and SA
- T1P1.2 met jointly with T1P1.3 on Tuesday afternoon
- T1P1.2 met jointly with TR46.2 on Wednesday morning
- Agreed to continue joint meetings with both groups

T1P1.2/2001-079

Puerto Vallarta, MEX.

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Working Group T1P1.2

Executive Summary

■ Agreed to begin developing portions of a proposed ITU Handbook on Deployment of IMT 2000 Systems for developing nations

  ◆ Set up an initial group to begin preparations

  ◆ Plan to complete by 6/2002.

■ Agreed on a way forward for PCS1900 Standardization

■ Reviewed and moved forward contributions to both ITU-R WP8F and the US Delegation for WP8F

■ Presentation from GBT concerning CPCH for 3rd Generation fast packet uplink

T1P1.2/2001-079

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Executive Summary

■ Joint T1P1.2 & TR46.2 meeting

◆ Reviewed documents

✦ ITU-R Working Party 8F

✦ IMT-2000 Spectrum for US 3G applications

✦ Interference issues

Working Group T1P1.2

Conclusion

- The joint T1P1.2 & T1P1.3 meeting results will be discussed in the T1P1.3 Meeting Report

- T1P1/2001-019: The joint T1P1.2 & TR46.2 meeting

- T1P1/2001-018: The T1P1.2 Meeting Report

- Liaisons to be approved:

  - T1P1/2001-016 Liaison to WP8F-Circular Letter (Fabio Leite)

  - T1P1/2001-017 Liaison to WP8F-US Delegation

T1P1.2/2001-079

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TR46.2 & T1P1.2 Joint Meeting Report
Puerto Vallarta, Mexico
January 31, 2001
9:00AM – Noon (Local time)

1. SUMMARY

Don Zelmer, chair T1P1.2, and Mike Williams, chair TR46.2 convened the joint T1P1.2/TR46.2 meeting at 9:00 a.m. on Wednesday, January 31, 2001. The contributions reviewed were provided for information from ITU-R Working Party 8F, the group discussed the 3G Spectrum Band as well as interference issues. Both chairpersons encouraged the members to participate in an exchange of information between the two committees and agreed to continue to hold joint meetings.

2. APPROVAL OF THE AGENDA

T1P1.2/2001- 004r1 Revised T1P1.2/TR46.2 joint meeting agenda was approved.

3. IPR QUESTION (T1P1.2) – OTHER THAN REAFFIRMING THEIR COMPANY'S PREVIOUSLY STATED POSITIONS, DOES ANYONE WISH TO MAKE ANY STATEMENT REGARDING IPR ON STANDARDS BEING WORKED IN THIS COMMITTEE?

There were no comments.

4. IPR QUESTION (TR46.2): IS THERE ANY KNOWLEDGE OF PATENTS, THE USE OF WHICH MAY BE ESSENTIAL TO A STANDARD BEING CONSIDERED IN THIS FORUM?

There were no comments.

5. LIST OF CONTRIBUTIONS

0p121260   Interference scenarios for UTRA FDD in the 1800 MHz band (R4-000907)
0p121270   Study points for the "UMTS1800" Work Item(R4-000908) Ericsson – RAN 4 Johan Skold
1p120050   LS on 1.28 Mcps TDD and 3.84 Mcps TDD co-existence studies in RAN4 (answer to R1-00-1321)
1p120180   Proposed TR46.2 Agenda
1p120440   Working Document Towards a Preliminary Draft New Recommendation on Characteristics of Terrestrial IMT-2000 Systems for Frequency Sharing/Interference Analyses (US8F01-16(Rev. 1)) . (Note question for TR46.2 – TDD 1.28 Mega Chip in the USA & Simulations for interference of the items listed.)
1p120590   TR46.2 / T1P1.2 Joint meeting announcement (TR46.2_01)
1p120600   Meeting Summary for October 17-18, 2000 (Girdwood, AK) (TR462_02)
1p120610   T1P1.2 / TR46.2 Joint Meeting Summary (TR46.2_03)
1p120620   TR46.2 & T1P1.2 Joint Meeting Agenda Puerto Vallarta, Mexico (TR46.2_04)
1p120630   (RP-000467, to TSG-RAN) Proposed response to LS (ITU-R WP 8F) on Unwanted emissions (TR46.2_05)
1p120640   LS on 1.28 Mcps TDD and 3.84 Mcps TDD co-existence studies in RAN4 (answer to R1-00-1321) (TR46.2_06)
1p120650   Working Document Towards a Preliminary Draft New Recommendation on Characteristics of IMT-2000 Systems for Frequency Sharing/Interference Analyses (TR46.2_07)
1p120660   Interference scenarios for UTRA FDD in the 1800 MHz band - *TSG R4#14 (00)0907* (TR46.2_08)
1p120670   IMT-2000 frequency arrangements Options for IMT-2000 in the US DISCUSSION DOCUMENT (TR46.2_09)
1p120680   TR 46.2_FYI Folder - Spectrum Issues
1p120690   The final version of the 3G characteristics Table for MS & Base Stations. (Zip file)
1p120700   Working Document on what Isat/N to use for a PFD Threshold in the Band 2630-2655 MHz for Non-GSO Satellite Networks: (US8F01-24(R2) (T1P1.3/2001-46)
1p120710   3G BAND PLANS Revised Final Draft

TR46.2 & T1P1.2 Joint Meeting Report
Puerto Vallarta, Mexico
January 31, 2001
9:00AM – Noon (Local time)

1p120720   VoiceStream Band Plan Proposal

6. INTERFERENCE ISSUES IN 2G & 3G RADIO SYSTEMS

0p121260Interference scenarios for UTRA FDD in the 1800 MHz band (R4-000907)
This was an E// contribution describing the most important interference scenarios in UTRAN & other systems (GSM 1800 & PCS 1900) in TS 3GPP RAN. In adjacent systems base stations will jam frequencies.
Noted for Information.

0p121270   Study points for the "UMTS1800" Work Item(R4-000908) Ericsson – RAN 4 Johan Skold
Noted for Information.

1p120450   Working Document on what Isat/N to use for a PFD Threshold in the Band 2630-2655 MHz for Non-GSO Satellite Networks (US8F01_24(R2)

Noted for Information.

1p120700   Working Document on what Isat/N to use for a PFD Threshold in the Band 2630-2655 MHz for Non-GSO Satellite Networks: (US8F01-24(R2)
Noted for Information.

1p120440   Working Document Towards a Preliminary Draft New Recommendation on Characteristics of Terrestrial IMT-2000 Systems for Frequency Sharing/Interference Analyses
The importance of this table is because the govt. plans to use these specifications to perform simulations on interference of 3G to govt. systems. Updated table information is in: T1P1.2/2001-069. This chart should be studied and analyzed by both groups, Don Zelmer offered the T1P1.2 reflector site to promote offline discussions.

1p120690   The final version of the 3G characteristics Table for MS & Base Stations. (Zip file)
Noted for Information.

6.1. Narrowband interference

1p120050   LS on 1.28 Mcps TDD and 3.84 Mcps TDD co-existence studies in RAN4 (answer to R1-00-1321)
Assignment: Explore power difference in the simulation between the 3GPP TS 25.102 - user equipment, and 3GPP TS 25.105, base station equipment. Noted for Information.

7. SPECTRUM ISSUES

1p120680   Zip file of TR46.2_FYI Folder
          The files were presented by Andrew Clegg, Cingular.
          Noted for information.
1p120670   IMT-2000 frequency arrangements Options for IMT-2000 in the US DISCUSSION DOCUMENT (TR46.2_09)
          Presented by Mike Williams, VoiceStream.
          Noted for Information.

TR46.2 & T1P1.2 Joint Meeting Report
Puerto Vallarta, Mexico
January 31, 2001
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1p120710 **3G BAND PLANS** *Revised Final Draft (03/14/01, 3:20 PM)*
Presented by Mike Williams, VoiceStream.
NTIA proposal - analysis done by Lucent.
Important for the group to study these items very closely. Noted for Information.

1p120720 **VoiceStream Band Plan Proposal**
Presented by Mike Williams, VoiceStream.
VS proposal to use both 1700 MHz and 2.5 GHz bands.
VS would like the group to analysis all the proposals, and come to a consensus on the issue. First time presented.
Open for discussion.
WP8F - Possible input.
www.spectrumauctions.gov.uk/auction
This site gives the spectrum auction information.
Decisions are being made currently in NTIA, this group needs to formulate their input ASAP.
Do we, as a group - need to do something?
Would like to formulate one proposal supported by this group.

Government Groups dealing with this issue - are on a very rapid schedule.
Some Work Groups
> 3G systems
> 2500 MHz bands
> Interference Mitigation group 1700MHz band

VS does not want fragmented spectrum.
Time Schedule.
Feb. 14, 2001 - Govt. industry group meeting.
Feb. 15, 2001 - Govt. only meeting.

Proposal to discuss in T1P1.2/TR46.2 Closing meetings and establish a conference call to develop a possible position from the industry perspective.
Bob Beeson, Lucent - this is more of an operators decision - possibly send for GSM-NA to review.
But input is needed from the manufacturers (Andrew Clegg)

8. FUTURE MEETINGS

T1P1 Meeting Schedule	T1P1.2 & TR46.2 Joint Meeting Schedule
April 23-27, 2001	April 25, 2001
July 16-20, 2001	July 18, 2001
October 29-02, 2001	October 31, 2001

9. ADJOURNMENT OF JOINT TR46.2 & T1P1.2 MEETING

TR46.2 & T1P1.2 Joint Meeting Report
Puerto Vallarta, Mexico
January 31, 2001
9:00AM – Noon (Local time)

The meeting was adjourned at 1:30 PM, Wednesday, January 31, 2001.

TR46.2 & T1P1.2 Joint Meeting Agenda
Puerto Vallarta, Mexico
January 31, 2001
9:00AM – Noon (Local time)

1. **INTRODUCTIONS AND ATTENDANCE REGISTRATION**
2. **APPROVAL OF THE AGENDA**
3. **IPR QUESTION (T1P1.2) – OTHER THAN REAFFIRMING THEIR COMPANY'S PREVIOUSLY STATED POSITIONS, DOES ANYONE WISH TO MAKE ANY STATEMENT REGARDING IPR ON STANDARDS BEING WORKED IN THIS COMMITTEE?**
4. **IPR QUESTION (TR46.2): IS THERE ANY KNOWLEDGE OF PATENTS, THE USE OF WHICH MAY BE ESSENTIAL TO A STANDARD BEING CONSIDERED IN THIS FORUM?**
5. **ATTRIBUTION OF CONTRIBUTIONS**
6. **INTERFERENCE ISSUES IN 2G & 3G RADIO SYSTEMS**
    6.1. Narrowband interference
7. **3RD GENERATION EXPANSION BANDS**
8. **WP8F**
    8.1. Technology Characteristics
    8.2. Non-GSO Satellite Interference
    8.3. ArrayCom Vision Documents
9. **REPORTS FROM OTHER GROUPS**
    9.1. Report from 3GPP
    9.2. Report from other groups

10. **FUTURE MEETINGS**

T1P1 Meeting Schedule	T1P1.2 & TR46.2 Joint Meeting Schedule
April 23-27, 2001	April 25, 2001
July 16-20, 2001	July 18, 2001
October 29-02, 2001	October 31, 2001

11. **ANY OTHER BUSINESS**
12. **ADJOURNMENT OF JOINT TR46.2 & T1P1.2 MEETING**

Annex 2
Attendance List
T1P1.2/TR46.2 Joint Meeting
Puerto Vallarta, Mexico
January 31, 2001

NAME	COMPANY	E-MAIL
Andrew Clegg	Cingular	Andrew.clegg@cingular.com
Gil Lavean	InterDigital	Laeange@interdigital.net
Reed Fisher	OKI America	rfisher@okitele.com
Tim Riley	US Dept of Commerce NTIA/ITS	Triley@its.bldrdoc.gov
Margaret Livingston	Nokia	margaret.livingston@nokia.com
Chen Mei	Siemens	chen.mei@icn.siemens.com
T.W. Wan	Rogers Wireless	Twwan@rci.rogers.com
Michael Williams	VoiceStream	Michaelc.williams@voicestream.com
Donald E. Zelmer	BellSouth Cellular	Don.zelmer@cingularl.com
Radi Kar	Mitsubishi	Rkar@compuserve.com
Ed Ehrlich	Nokia	Ed.erhlich@nokia.com
Brain Kiernan	Interdigital	Brian.kiernan@interdigital.com
Richard Prince	Qwest	Rprince@qwest.com
Doug Prendergast	Mitsubishi Electric (MCTC)	Dprender@pcicanada.com
Stephen Edge	Siemens	Stephen.edge@ien.siemens.com
Bob Beeson	Lucent Tech	Rbeeson@lucent.com
Ron Fielden	NEC America	Rfielden@necam.com
Quent Cassen	Conexant	Quent.cassen@conexant.com

T1P1.3 GSM/3G System and Network Working Group
Meeting Summary
02/02/01 – Puerto Vallarta Mexico

1.   **Attendees:** Approximately 39

2.   **Meeting Schedule:** The T1P1.3 GSM/3G System and Network Working Group met for 3 1/2 days. Gary Jones of VoiceStream chaired the meeting. Vice Chair Sonia Garapaty of Nortel Networks was not present. The agenda and attendance sheets are attached as Annexes 1 and 2.

3.   **Contributions:** The SWG addressed 73 contributions. The meeting was held electronically, with all of the contributions available in electronic format. The document log is attached as Annex 3.

4.   **Working Method:** The working group's activities were conducted in plenary sessions. An ad hoc was also created to address Priority Access Services (PAS) issues.

5.   **Working Group Activities:** The group addressed all the input documents with the following results:

5.1. The agenda in document 048R1 was reviewed and accepted with minor modifications. Document 048R2 contains the modified agenda with a list of contributions corresponding with the agenda items. It was noted that T1P1.3 met jointly with T1P1.2 on Tuesday afternoon to address issues of mutual interest.

5.2. IPR Question – Other than reaffirming their company's previously stated positions, does anyone wish to make any statement regarding IPR on standards being worked in this committee?

   No response

5.3. TTY

   5.3.1.   Doc. 01 - The group reviewed the personal liaison report from Bob Hall, who acted as the T1P1 liaison to the TTY Forum. The T1P1 Report to the Forum was well received. One highlight of the meeting was an agreement that the FCC wants an honest benchmark on status of TTY implementation and agreed to let the TTY Forum be the vehicle for the reporting.

   There was some agreement on the following suggested criteria for reports:

   - (High-level information, clarity and brevity are key)
   - Contains benchmarks for Closure (Action items and completion status to reach final implementation)
   - Contains useful information and issue identification in a concise format.
   - Report significant issues that may impact meeting compliance date
   - Possible content as appropriate to reporting entity:
   - TTY-compatible infrastructure and handset availability for testing (refer to consumer requirements)
   - PSAP testing coordination
   - Consumer end-to-end testing

Reports made at this TTY Forum meeting from various operators and vendors indicated that work continues and many problems still exist on all fronts. Ericsson presented the concept of service node for CTM, which generated a lot of discussion on the architecture (placement of the CTM functionality in the network) and no clear conclusion was reached.

T1P1.3 then addressed the issue of a common architecture for TTY. An informal meeting of interested parties was held on Tuesday evening, outside the purview of T1P1, in an attempt to get agreement from the industry on a common way forward. The informal meeting came to the conclusion to request that 3GPP SA2 include a BSS-based CTM solution as part of the 3GPP architecture for Release 4. The group approved a liaison to SA2 and copied to SA1 (1P100090).

T1P1 is invited to approve this liaison.

The representative from Ericsson asked to make a statement for the report, which is included below.

Ericsson Statement on CTM location choice

Ericsson objects to the requirement that US CTM implementations be BSS or transcoder based. It is Ericsson's experience that considerable modifications will be required to the Baudot detector due to non-standard TTY implementations and possible FCC mandated handling of TTY enhancements. Ericsson believes that locating the Baudot detectors in the transcoders or BSS as opposed to centralized servers will lead to difficulties in meeting consumer and FCC expectations.

5.3.2.   Docs. 52, 54, 65 – The group addressed the single comment from Nokia to letter ballot 924. Ericsson proposed the following solution, which was accepted by Nokia and the meeting participants.

"The following change to the end of section 6.2 in LB 924 was agreed:

WARNING: Please note that the non-normative example receiver code found in reference [3] may fail to resynchronize properly in the case of a handoff following synchronization to a sequence other than the preamble. The following correction to the proposed code in [3] may be implemented in the module "ctm_receiver.c" to correct the problem. Please note that subsequent revisions of [3] will correct this problem."

The commenter agreed that the above change addressed the LB comment. Since this change does not affect the actual tests, it was agreed that this change is not considered substantive. It is therefore recommended that LB 924 go to publication once this modification is incorporated. Letter ballot resolution document 1P010220 was written.

T1P1 is invited to approve this document.

5.4.   Docs. 03, 04, 44 – Priority Access Service. The group approved the meeting report of the PAS Ad Hoc conference call, reviewed the Draft Technical Report and addressed a liaison from GSMNA. An ad hoc was convened and chaired by Jean C Trakinat to address the GSMNA liaison. The ad hoc agreed not to revise the TR at this time, but will send it to GSMNA for their

review and comment and not recommend or dictate a solution or implementation to GSMNA, but rather offered some suggestions and ask for their guidance. A liaison to GSMNA was generated (1P100150).

   T1P1 is invited to approve this liaison.

5.5. It was noted that no response liaison from GSMNA was received regarding the Jurisdictional Information Parameter (JIP). Another open issue is wireless number portability. These issues will be kept open at the next meeting in anticipation of information coming from GSMNA.

5.6. The group discussed the work ongoing on wireless access to Emergency Services in the TR45.2 AHES ad hoc group. It was noted that the TR45 Plenary just approved a new project for a second addendum to TIA/EIA/J-STD-036. There are two issues that are confirmed for inclusion in this addendum: (1) SAMPS Client ID, and (2) CDMA Mobile Originated Position Determination scenarios. In addition, NENA has been looking at XML for the Emergency Services Protocol (E2: MPC to ESME interface) "to facilitate compatibility with technical and implementation standards in the E9-1-1 network." Concerns were expressed on the timing of this proposal, and NENA acknowledged the fact that this information is coming in very late in the process. The group decided to notify GSMNA via liaison (1P010120) of these activities and request guidance on how best to approach this issue.

   T1P1 is invited to approve this liaison.

5.7. The group discussed the activities in the TR45.2 LAES Ad Hoc. The status of IS-J-STD-025A was discussed, even though T1P1 has not received any official liaison from TR45 on the topic. TIA/EIA/IS/J-STD-025 was published in December 1997 and TIA published two addendums against this interim standard. An IS has a shelf life of three years, and this one has expired. TR45 raised the document to ANSI status last year. TIA is asking them now to go through the administrative process of rescinding the interim standard and the addendums.

   After some discussion, it was determined that T1P1.3 wants to wait for the FCC to react to the US Court of Appeals Decision before taking any action on IS-J-STD-025A or its addendums. If the FCC's action dictates that the ANSI document requires no change, it should be forwarded to ANSI for publication. If it does need modification, it could be worked and go through a second round of balloting and then published as an ANSI standard. If changes have occurred, the interim standard 025A should be immediately rescinded in favor of the ANSI standard. This information should be conveyed to TR45.2 LAES Ad hoc, but the group was unsure of the most effective mechanism, given the lack of communication from that group to T1P1.

5.8. Joint Meeting with T1P1.2

   5.8.1. Docs 42, 55, 56 – Updating the PCS1900 Standards. The joint group reviewed a liaison from GSMNA approving the approach proposed by T1P1 to update the PCS1900 standards. The group determined that 3GPP TS 21.101, TS 21.102 and GSM 01.01 should be used as the basis for developing an American National Standard ballot, using the same format and approach in T1.713 and T1.715 (i.e., list of normative references). The goal is to have a document for ballot ready in the April T1P1 meeting and contributions are requested to facilitate this schedule.

   5.8.2. RSPC Update – the following documents were noted for information:
T1P1.3/2001- 36
T1P1.2/2001- 42 Circular Letter (085e_ww9.doc)
T1P1.3/2001- 37

T1P1.2/2001- 47- Corrigendum to Circular Letter (085c1e_ww9.doc)
T1P1.3/2001- 38
T1P1.2/2001- 43- Invitation to Fourth meeting of Working Party 8F (27 November 2000)
Circular Letter (086e_ww9.doc)

The joint group then reviewed T1P1.3/2001- 40 (T1P1.2/2001- 26): Update Procedure for Revisions of Recommendation ITU-R M.1457 (Detailed specifications of the radio interfaces of IMT-2000) (IMT-RSPC) and T1P1.3/2001- 41(T1P1.2/2001- 27): Proposed Procedure To Provide Assurance For The Global Core Specification As Relates To Recommendation ITU-R M.1457 and Other ITU-R Recommendations On IMT-2000 (IMT-RSPC2). The group developed a liaison from T1P1 (1P010100) approving the update procedures and certifying that T1P1 does now and will continue to follow the guidelines in documents 40 and 41. It was also proposed to request the MCC to take on the responsibilities of generating the certification letters for the SDOs when needed for each update.

T1P1 is invited to approve this liaison**.**

5.8.3.   T1P1.3/2001- 45 (T1P1.2/2001- 44): Working Document Towards a Preliminary Draft New Recommendation on Characteristics of Terrestrial IMT-2000 Systems for Frequency Sharing/Interference Analyses (US8F01-16(Rev. 1)) This was noted for information and an updated version of the chart (1P130610) was reviewed by T1P1.2.

5.8.4.   T1P1.3/2001- 46 Working Document on what Isat/N to use for a PFD Threshold in the Band 2630-2655 MHz for Non-GSO Satellite Networks: (US8F01-24(R2) was noted and was discussed in TR46.3 joint meeting with T1P1.2.

5.8.5.   T1P1.3/2001- 47 (T1P1.2/2001- 46) Updates to Vision and Objectives of the Ongoing Enhancement of IMT-2000 and Systems Beyond ITM-2000 (US8F01_29(R1) was noted.

5.8.6.   T1P1.3/2001- 51 Working Document Towards The Preliminary Draft New Recommendation (PDNR) On Adaptive Antenna (US8F01-33(NC)) was noted

5.8.7.   T1P1.3/2001- 50 All IP Wireless Contribution To WP-8F Vision Document Towards A Preliminary Draft New Recommendation (PDNR) (US8F01-32(NC)) was discussed. A revision to the document was developed by the T1P1.3 group, based on input from the joint meeting. A liaison to the US WP8F delegation was approved (1P010130).

T1P1 is invited to approve this liaison**.**

5.8.8.   The joint group discussed T1P1.3/2001-33 (T1P1.2/2001-19) and T1P1.3/2001- 34 (T1P1.2/2001- 20) regarding comments on the update procedure for revisions of Recommendation ITU-R M.1457 and the workplan for submission of future updates of IMT-2000 CDMA DS and IMT-2000 CDMA TDD to ITU-R WP 8F. T1P1.2 was tasked with writing a liaison to WP8F making comments on the update procedures.

5.8.9.   The joint group noted the meeting reports from 3GPP TSGs T (T1P1.3/2001-10), CN (T1P1.3/2001- 11), GERAN (T1P1.3/2001-12 GERAN#2; T1P1.3/2001-66 GERAN#3), RAN (T1P1.3/2001-13) and SA (T1P1.3/2001-17). The T1P1 chair asked for T1P1 companies to consider furnishing the manpower for updating the approved CRs after the RAN meeting.   It was noted that the MCC does not have enough manpower to update the

TS after a CR has been approved, and the Working Groups are requesting the most recent version of the TS ASAP.

5.8.10. LCS Report - Docs. 06, 59, 60. The group reviewed the report of the TSG SA Location Services Workshop as well as a report from the GERAN LCS Ad Hoc. Conclusions from the location workshop were:

- A proposal will be made to TSG-SA to withdraw the work item agreed in TSG-SA#10 in SP-000685.
- A proposal will be made to TSG RAN to endorse the new work item as described in Tdoc 23. This new WI covers R4.
- The workshop recommends to GERAN that Iu mode should follow the same principle as UTRAN, but take into consideration that the final decision will be made in GERAN.

GERAN LCS for A/Gb mode architecture issues was discussed in GERAN WG 2. It was recommended that the LCS group focus on finding a GPRS solution utilizing a BSS-centric architecture. GERAN LCS group should take into account the concerns raised by E// with the current stage 2 BSS-centric PS protocol proposal. Furthermore, a solution is still needed on how the GERAN LCS PS protocol proposal should solve these problems raised by E//, but it was agreed that GERAN LCS architecture should remain BSS-centric.

5.8.11. 3GPP Structure and Process Review - There is a 3GPP review team lead by Chuck Bailey, SBC to review the Structure and Process of the 3GPP, including GERAN. The group will use electronic means, on the reflector named: 3GPP-Review. Send a message to the LISTSERV@LIST.ETSI.FR to register on the list. For more information see www.3GPP.org.

5.8.12. In the context of a process discussion, the issue was raised regarding the criteria to be used in 3GPP elections at the TSG and Working Group level, and specifically the issue of the application of Article 22 of the 3GPP Working Procedures. The relevant sentence of Article 22 is: "Successive Chairmen should not be from the same Organizational Partner, the same region or from the same group of companies, unless no other candidate is available. "

Several companies expressed concern over the perception of an email sent by the T1 delegation head to the 3GPP heads of delegations which in part said "The interpretation of Article 22 of the Working Procedures of 3GPP is quite clear to us. The principle of balance and leadership rotation applies not only at the TSG level, but also at the WG level. There is an explicit process (PCG appointment) that works to enforce the principle at the TSG level, but there is no such explicit process to deal with the WG leadership. This clause intentionally uses the word 'should' rather than 'shall'. This means that 'balance and rotation' is not mandatory and it would not be appropriate to bar a candidate from running based on the clause. However the T1 Delegation believes that it is important to continue these principles in 3GPP".

The Joint group agreed that the Working Groups are in the best position to choose their leadership, using such criteria as technical competence and leadership skills. The group supported the concept that the election process is entirely a matter for the Working Groups to perform and they should, by a democratic process, elect the person that they wish to lead them, taking Article 22 into account but not strictly enforcing regional or company rotation or making it the primary criteria. The group also considered that these concepts are consistent with the spirit and text of Article 22 and therefore saw no need for any modification to the Working Procedures.

In addition, the joint group expressed a desire to have the T1 delegation consult T1P1 on any matter that directly affect the T1P1 members, using the procedure providing a 15 day comment period before any proposed T1 Delegation position is considered approved and made public. A liaison (1P010140) from T1P1 to the Committee T1 Head of Delegation to 3GPP was drafted and approved without objection in the T1P1.2 and T1P1.3 closing plenaries.

T1P1 is invited to approve this liaison**.**

5.8.13. Docs. 02, 32, 57 – ITU-T Special Study Group. The joint group reviewed reports from the first meeting of the new ITU-T Special Study Group on the network aspects of IMT-2000 and Beyond. It was noted that the group created 3 Working Parties, as shown below.

WP 1 – Service and Interface Requirements for IMT-2000 and Beyond
WP 2 – Application and Interworking of IMT-2000 Systems
WP 3 – Harmonization and Convergence of IMT-2000 Systems

The group also took the original 4 questions assigned to the SSG by the WTSA to be studied by Special Study Group during the 2001-2004 Study Period and modified them.

Original Questions

Question	Short Title
A/IMT	Network signalling requirements for wireless access to services provided over IP-based networks
B/IMT	Network signalling requirements for emerging mobility services (IMT-2000 and their evolution), including services over IP-based networks.
C/IMT	Network signalling requirements for the support of Virtual Home Environment (VHE) in mobile networks
D/IMT	Network signalling protocols for mobility services (IMT-2000 and their evolution), including IP services

The revised questions being forwarding back to the TSAG for approval.

Original Question Number/WP Assignment	Resulting Question Number/WP Assignment	Short Title
1/WP1	1/WP1	What Services and Network capability requirements, and the long-term architecture are needed to support services and applications beyond IMT-2000? Rapporteur: Mr. Ed Chien, USA
2/WP1		Deleted
3/WP2	3/WP2	What architectures, detailed specification and releases have been and will be produced by recognized SDOs, which make up existing and evolving IMT-2000 systems? Rapporteur: Mr. Ilkka Hyvarinen, Finland
4/WP3		Deleted; Merged into Q 10

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5/WP2	4/WP2	What interworking functions are required to facilitate appropriate interworking between existing and evolving IMT-2000 family members, PSTN/ISDN and Packet Data networks? <u>Rapporteur</u>: Vacant
6/WP1		Deleted; VHE covered in Q1 and Q8
7/WP2	5/WP2	To coordinate and prepare the T sector input to a single handbook prepared by the three sectors of the ITU, containing different aspects related to: e.g., management, tariffs, and technical matters. <u>Rapporteur</u>: Mr. Maurice Ghazal, Lebanon
8/WP1	2/WP1	What new mobility management signalling application protocols, or enhancements to existing protocols are needed to support IMT-2000 services to enable global roaming between different IMT-2000 family systems? <u>Rapporteur</u>: Mr. Jean-Claude Samou (France)
9/WP3	6/WP3	What new recommendations and enhancements to existing recommendations on requirements are needed for harmonization of existing IMT-2000 systems? To provide seamless global roaming for IMT-2000 future Capability Set services that will include high speed packet data, multimedia, and IP-based services, what are the interface requirements and network architectures for harmonization of existing and evolving IMT-2000 systems? <u>Rapporteur</u>: Vacant
10/WP3	7/WP3	What are the principles and requirements for convergence of fixed and IMT-2000 networks? How existing and evolving fixed networks will be evolved as converged core networks to support IMT-2000 capabilities? What new recommendations are required to support the convergence of fixed and existing IMT-2000 systems? What are the architectural requirements for converged core network accessible from various wireless and wireline access technologies to support current and evolving IMT-2000 capabilities? How can the study on the convergence of fixed and existing IMT-2000 network be best adapted to meet the need of developing countries? <u>Rapporteur</u>: Mr. Frederic Delmond (France)
11/Mgt Team	8/Mgt Team	Considering the provisional working procedures produced by WTSA for the Special Study Group (Recommendation A.9), what further working procedures are needed to ensure that the SSG takes the opportunity to respond in a flexible manner to the requirements of Member States and Sector Members in the preparation of recommendations? Furthermore, what new output document types need to be developed to efficiently and effectively carry to the work of the Special Study Group on IMT-2000 and Beyond? <u>Rapporteur</u>: Mr. Mike Briggs (UK)

T1P1 is requesting contributions to the next meeting in issues relating to the new SSG such as:
- Is there support for the structure proposed?
- Are the questions as modified suitable for work in the SSG?
- Is the work proposed in the SSG duplicating anything ongoing now in other fora?
- Is harmonization work, as proposed by the new questions appropriate for the SSG?

The joint group proposed a liaison to the SSG, identifying the work being done in T1P1 and asking that the SSG keep T1P1 advised of its work. At the T1P1.3 closing, it was decided that the liaison (1P010110) should go to Nick Andre, chairman of US Study Group B, to be conveyed to the SSG.

T1P1 is invited to approve this <u>liaison</u>**.**

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5.9. T1P1.3 reviewed reports from the most recent 3GPP OP and PCG meetings (docs. 15, 16) for information. They also noted the schedules for 3GPP in Doc. 07 and the matrix of release dates in docs 08 and 09.

5.10. Docs. 35, 64 - The group saw a presentation from Goldenbridge Technology on Common Packet Channel in Release 4. Goldenbridge is asking for individual company support for making the CPCH mandatory for certain classes of terminals in Release 4. Company representatives were asked to contact Karin Zickermann <u>Kzickermann@gbtwireless .com</u> with any questions.

5.11. The group noted the invitation to the IMSI Technical Summit to be held at the Westin Hotel in Savannah, February 7-8. The summit will address several issues including:

- The continuing need for HNI assignments ending in the digit "0" to GSM-based service providers.
- The depletion of MNCs with trailing zeroes in MCC 310. Three codes remain; one of which is reserved for Canada.
- The inability to issue MNCs with a trailing zero from other than MCC 310. Several wireless carriers have advised that they have problems with handset manufacturers from a roaming perspective. When MCC 311, for example, roams into MCC 310, you can't roam back to MCC 311 without powering down the terminal. The mobile timer deactivates and will not re-register on the MCC 311-based network.

A leading manufacturer recommends a specific change to IMSI assignment assumptions. They state that there is an industry trend for private operators to have their systems interact transparently with public systems. Companies are developing technology to allow public/private roaming. This would require the authorization to assign HNIs to private networks and a commensurate revision of the IMSI Assignment Guidelines. T1P1 members were urged to consider attending the summit.

5.12. The group noted the beginning of the US preparation for WRC 2003 in Doc. 43.

5.13. The group considered document 53, which says GSM North America would like to assess Release to Pivot as a potential alternative to Optimal Routing to solve the "tromboning" to voice mail situation in light of the fact the Optimal Routing functionality in GSM remains to be implemented by manufacturers, despite the specifications having existed for several years. Therefore, GSM North America supports the exploration of Release to Pivot functionality in T1P1. The group is requesting contributions to the next meeting on the applicability of T1 LB 832 – Revision of ANSI T1.661 – SS7 Release to Pivot, to the wireless networks.

6. Plenary Requests:
- Approve 1P100090 – Liaison to SA2 regarding CTM architecture
- Approve 1P100220 – Comment resolution report
- Approve 1P100150 – Liaison to GSMNA regarding PAS
- Approve 1P100120 – Liaison to GSMNA regarding wireless access to emergency services
- Approve 1P100100 – Liaison to ITU-R Working Party 8F regarding update procedures
- Approve 1P100130 – Liaison to US WP8F regarding Vision
- Approve 1P100140 – Liaison to the head of Committee T1 delegation to 3GPP
- Approve 1P100110 – Liaison to Chairman of US Study Group B

7. Next Meeting: April 23 - 27, 2001, Keystone Resort and Conference Center, Keystone Colorado

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T1P1.3 GSM/3G System and Network
Proposed Agenda
January 29 – February 1, 2001
Puerto Vallarta, Mexico
</div>

1. Joint review of Agendas with T1P1.2 (8:30 – 9:00 AM)
2. Introductions and Attendance Registration (9:00 AM)
3. Approval of the Agenda **48R1, 49**
4. Announcements:
    4.1. Joint meeting with T1P1.2 (Tuesday Afternoon 1:30 - 5:00 PM)
    4.2. Closing Session (Thursday after T1P1.2 closing)
5. IPR Question – Other than reaffirming their company's previously stated positions, does anyone wish to make any statement regarding IPR on standards being worked in this committee?
6. Review and Attribution of Contributions
7. Correspondence
8. Old Business (Issues will be dealt with in serial order, in plenary session)
    8.1. TTY
        8.1.1. Personal Liaison Report **01**
        8.1.2. Ballot Comment Resolution (LB 924) **52, 54**
        8.1.3. Cellular Text Telephony (CTM) Architecture
    8.2. Priority Access Services **03, 04, 44**
    8.3. Number Portability
    8.4. JIP
    8.5. PCS1900 Standards Update **42, 55, 56**
    8.6. TR45.2 AHES **05, 58**
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Document List

Doc. Number	Title
1P130010	TTY Forum Liaison Report
1P130020	Meeting Minutes for ITU-T Special Study Group (SSG) A on "IMT-2000 and Beyond"
1P130030	Priority Access Service (PAS) Ad Hoc Second Meeting (Conference Call) Report
1P130040	Draft Priority Access Service – Technical Report (TR)
1P130050	Liaison from TR45.2 regarding the second addendum to TIA/EIA/J-STD-036
1P130060	LCS Workshop Report
1P130070	3GPP Plenary Calendar
1P130080	3GPP Release Matrix Introduction
1P130090	3GPP Release Matrix
1P130100	3GPP TSG-T#10 Report
1P130110	3GPP TSG-CN#10 Report
1P130120	3GPP TSG-GERAN#2 Report
1P130130	3GPP TSG-RAN#10 Report
1P130140	TSG-RAN Workplan
1P130150	3GPP PCG#5 Report
1P130160	3GPP OP#4 Report
1P130170	3GPP TSG-SA#10 Report
1P130180	3GPP TSG-SA Working Group 1 Report
1P130190	3GPP TSG-SA Working Group 2 Report
1P130200	3GPP TSG-SA Working Group 3 Report
1P130210	3GPP TSG-SA Working Group 4 Report
1P130220	3GPP TSG-SA Working Group 5 Report
1P130230	3GPP MCC Report
1P130240	TR33.909 Report on the Evaluation of 3GPP Standard Confidentiality and Integrity Algorithms
1P130250	3GPP Overall Workplan
1P130260	3G.IP study on Architecture Enhancements Post R5
1P130270	Approved CRs for Alignment of Delay Definition
1P130280	IETF/3GPP Collaboration Agreement
1P130290	IETF Liaison Report
1P130300	Report of Workshop on Service Vision and Scenarios
1P130310	Liaison statement on IP Multimedia sessions, documents the decisions taken in TSG SA
1P130320	Chairman's Report of the first meeting of the ITU-T Special Study Group on "IMT-2000 and Beyond"
1P130330	Draft 3GPP comments on the M.1457 Update Process
1P130340	Draft 3GPP Workplan for WP8F
1P130350	Common Packet Channel in Release 4
1P130360	ITU Circular Letter 85
1P130370	Corrigendum 1 to ITU Circular Letter 85
1P130380	Invitation to the Fourth Meeting of ITU-R WP8F
1P130390	Information on the upcoming IMSI Summit
1P130400	Update Procedure for Revisions of Recommendation ITU-R M.1457 (Detailed

	specifications of the radio interfaces of IMT-2000)
1P130410	Proposed Procedure To Provide Assurance For The Global Core Specification As Relates To Recommendation ITU-R M.1457 And Other ITU-R Recommendations On IMT-2000
1P130420	Liaison from GSMNA on Updating the PCS1900 Standards
1P130430	US Prep for WRC 2003 Announcement
1P130440	Liaison from GSMNA on PAS
1P130450	Working Document Towards a Preliminary Draft New Recommendation on Characteristics of Terrestrial IMT-2000 Systems for Frequency Sharing/Interference Analyses
1P130460	Working Document on what Isat/N to use for a PFD Threshold in the Band 2630-2655 MHz for Non-GSO Satellite Networks: (Agenda Item 1.34, WRC-03)
1P130470	Updates to Vision and Objectives of the Ongoing Enhancement of IMT-2000 and Systems Beyond ITM-2000
1P130480	Meeting Agenda
1P130490	Meeting Schedule
1P130500	All Ip Wireless Contribution To Wp-8f Vision Document Towards A Preliminary Draft New Recommendation (Pdnr)
1P130510	Working Document Towards The Preliminary Draft New Recommendation (PDNR) On Adaptive Antenna
1P130520	Response to Letter Ballot Comment on T1 LB 924 (CTM Minimum Perf. Requirements)
1P130530	Liaison from GSMNA on Release to Pivot
1P130540	Nokia Ballot Comment on LB 924
1P130550	3GPP 21.101 Specification Release 1999
1P130560	GSM 01.01 version 8.0.0 Release 1999 Specification
1P130570	US Study Group B Schedule
1P130580	TR45.2 AHES Ad Hoc Group Meeting Report
1P130590	LCS Status Report to GERAN
1P130600	3GPP LCS Presentation
1P130610	IMT-2000 Characteristics Table Revision
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1P130670	GERAN Schedule
1P130680	Proposed Liaison to T1 Delegation
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1P130700	Proposed Liaison to GSMNA
1P130710	Proposed Liaison to SSG
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1P130730	Proposed Liaison to SA2
1P130740	Meeting Summary