

Source: Secretary

Title: Draft revised summary minutes, decisions and actions from
3GPP PCG Meeting#5, San Francisco, 14 November 2000

Agenda item: all

Document for:	Decision	X
	Discussion	
	Information	

Table of Contents		Page
Meeting Report		2
Annex A	Agenda	<u>98</u>
Annex B	List of Decisions	<u>109</u>
Annex C	List of Actions	<u>1110</u>
Annex D	List of documents	<u>1214</u>
Annex E	List of participants	<u>1312</u>
Annex F	Terms of Reference for ad hoc group on 3GPP organizational review	<u>1514</u>

1 Opening of Meeting and Chairman's Remarks

Mr Rosenbrock (Chairman) opened the meeting and Dr Chatterjee (Committee T1) welcomed the participants to San Francisco. A special welcome was extended to Mr Hapeman and Mr Zeuch (Chairman and Vice Chairman of Committee T1) as representatives of the meeting host. The meeting also welcomed representatives from 3G.IP and MWIF who were participating in the PCG for the first time. The list of participants is given at **Annex E**.

2 Approval of Agenda

The draft Agenda for the meeting was discussed and approved with some minor amendments. The approved Agenda is given at **Annex A** [3GPP/PCG#5(00)1r1].

3 Approval of Report of PCG#4

The draft report of PCG#4, which had been revised to take account of comments received, was presented and approved [3GPP/PCG#4(00)21r1].

Decision PCG5/1: Report of PCG#4 approved [3GPP/PCG#4(00)21r1].
--

3.1 Review of Actions

The status of the actions arising from PCG#4 were reviewed [3GPP/PCG#5(00)02]. It was agreed that all actions had either been discharged or had been placed on the Agenda for this meeting.

The Secretary reminded the Organizational Partners present of the need to provide hyperlinks to the listings of their IPR declarations [3GPP/PCG#5(00)21].

4 Management Reports from TSGs

4.1 TSG SA

Mr Andersen (TSG SA Chairman) presented a progress report of TSG SA activities [3GPP/PCG#5(00)10].

TSG SA had prepared a revised approach to the release packages being produced by 3GPP, including a re-branding of the releases to align with the major version number of the related specifications, rather than the year in which the release is made. This resulted in the proposal for Release 4 to be issued in March 2001 and Release 5 to be issued in December 2001. This revised approach was endorsed by the PCG. (Note: the content and timing of Release 4 and Release 5 are discussed separately in Section 5 of this report.)

Decision PCG5/2: Revised release packaging mechanism agreed by PCG as proposed by TSG SA.
--

Dr Bailey questioned the progress being made on Camel support for the IM sub-system. Mr Andersen informed that a number of change requests had recently been submitted to TSG SA on this subject but some controversy had arisen on the use of the term "IP telephony" since this had not been clearly defined. TSG SA had agreed to the need for a clear definition of this term but had concluded that this should not delay the progress of the work in WG SA2.

The Chairman reported that further contributions were expected on the subject of Digital Video Broadcasting (DVB) and the possibility of using the 3GPP system as a return channel. Mr Andersen informed the meeting that WG SA1 had been assigned responsibility for this area of work but that further progress would be slow unless active participation was forthcoming from DVB members.

Dr Chatterjee informed the meeting of the expertise available within Committee T1M1 in area of Network Management, and that they had offered their willingness to cooperate with WG SA5 as required.

4.2 TSG CN

Mr Hayes (TSG CN Chairman) presented the progress report of TSG CN activities [3GPP/PCG#5(00)11].

TSG CN had identified the need to liaise with the Multi Service Switching Forum (see <http://www.msforum.org>). This request was approved by the PCG.

Decision PCG5/3: TSG CN request to liaise with the Multi Service Switching Forum approved.

Mr Hayes reported that Mr Hiroshi Nakamura (NTT DoCoMo, TTC) had been unanimously supported for the position and TSG CN Vice Chairman and had therefore been elected by acclamation [3GPP/PCG#5(00)19]. The PCG appointed Mr Nakamura to this position.

Decision PCG5/4: Mr Hiroshi Nakamura (NTT DoCoMo, TTC) appointed TSG CN Vice Chairman [3GPP/PCG#5(00)19].

4.3 TSG RAN

Mr Furuya (Chairman TSG RAN) reported on the activities of TSG RAN [3GPP/PCG#5(00)12].

Dr Wee questioned why TSG RAN had included a work item for the use of UMTS in the 1800 MHz band. Mr Furuya reported that the RAN specifications were being drafted in a frequency independent manner and that the assignment of radio spectrum was a matter for national regulators rather than for 3GPP. The task that had been requested of TSG RAN was to ensure that the 3GPP system was capable of operation within the 1800 MHz.

4.4 TSG T

Dr Park (Chairman TSG T) reported on the activities taking place within TSG T [3GPP/PCG#5(00)13].

TSG T had identified the need to liaise with the European Computer Manufacturers Association (ECMA). This request was approved by PCG.

Decision PCG5/5: TSG T request to liaise with the European Computer Manufacturers Association (ECMA) approved.

Dr Park reported that for IP Multimedia calls it was unclear how much of the call control can be transferred from the mobile equipment into external terminal equipment, and what is required in terms of standard control interfaces between the external TE and the ME. It was suspected that work may be taking place within ETSI TIPHON on this subject. The Secretary agreed to provide the necessary contact details to both TSG T and ETSI TIPHON.

Action PCG5/1: Secretary to provide contact details to TSG T and ETSI TIPHON leadership concerning IP multimedia call control.

4.5 TSG GERAN

Mr Andersen (Convenor TSG GERAN) reported on the activities of TSG GERAN [3GPP/PCG#5(00)14].

TSG GERAN had unanimously elected Mr Michael Färber (Siemens, ETSI) and Marc Grant (SBC, T1) as Vice Chairmen of TSG GERAN. The PCG appointed them.

Decision PCG5/6: Mr Michael Färber (Siemens, ETSI) and Mr Marc Grant (SBC, T1) appointed as Vice Chairmen of TSG GERAN.

No candidatures had been received in respect of a call for the position of TSG GERAN Chairman. TSG GERAN had proposed that in order to keep stability of the work in TSG GERAN it would be preferable if the current Convenor continued chairing TSG GERAN until the next planned election of TSG GERAN officials which will take place in April 2001. The PCG endorsed this proposal.

Decision PCG5/7: The PCG approved the proposal from TSG GERAN that Mr Andersen (Motorola, ETSI) continue to act as Convenor until April 2001.

Mr Andersen reported that TSG GERAN had considered the problems associated with split mode (GSM/3G) terminals and in particular the TTCN tests relating to the Access (AS) and Non-Access Strata (NAS). The TTCN test cases developed by TSG T could theoretically cover both the GSM and 3G cases but if adopted at this stage no verified test cases would exist for GSM Release 99. The GSM TTCN cases do not have a clear separation between AS and NAS and therefore AS TTCN cases need to be reworked to have common NAS test cases. Before any further cooperation with TSG T is initiated, TSG GERAN would have to consider the full consequences of any change on availability of single mode GSM tests. It was noted that this could lead to a funding request for a Task Force to prepare the TTCN test cases and that this would not be an insignificant request (estimated 600 kEuro). The PCG noted this potential request.

The Chairman noted that part of the agreement to transfer the GSM radio activities from ETSI SMG to 3GPP was that a review would take place after 6 months in order to be sure that work had been allocated in the most appropriate way, and that plans should now be made to undertake that review. A proposal was also made that such a review should not be limited to the transferred GSM activities only but should cover all aspects of the responsibilities assigned within the TSGs and should take into account the relative work loads resulting from the current assignments. This proposal was supported by the PCG. After some further discussion, Dr Bailey was requested to lead an ad hoc group to undertake this review and to present the results to a future PCG meeting. (Note: it is intended that this review will be an open process during which input will be sought from all interested parties in 3GPP).

Decision PCG5/8: Review of the assigned responsibilities within the TSGs to be undertaken by an ad hoc group under the leadership of Dr Bailey, taking into account the progress being made with the transferred GSM activities and the relative work loads resulting from the current assignments.

Action PCG5/2: Dr Bailey to lead a review of the responsibilities currently assigned within the TSGs.

At a later stage of the meeting, Terms of Reference were produced for the ad hoc group to undertake this review and these can be found at **Annex F**.

5 3GPP Progress and Current Status of Activities

5.1 Progress of Release'99

The Secretary presented the Status List showing the exact status of each specification within 3GPP, correct as following the TSG#9 meetings that took place in Hawaii, September 2000 [3GPP/PCG#5(00)07]. It was noted that the latest version of this Status List may always be found on the 3GPP Web Site and past versions are maintained as a historic record.

5.2 Progress of Release'00 and Release'00 Content

The PCG had previously been informed during the progress report from TSG SA that a new release packaging mechanism had been developed and that it is expected that 'Release 4' will be published in March 2001 and 'Release 5' will be published in December 2001. Considerable effort had been expended in documenting the 3GPP work programme which in turn has led to a clear understanding of

the features that each Release will contain. In addition, the task of breaking down each Feature into Building Blocks and Work Tasks has now been completed.

The Secretary reported that MCC were using Microsoft Project to present the contents of the Releases in pictorial (Gantt) form [3GPP/PCG#5(00)09]. Using such a project management tool enabled the user to manipulate the data in whichever way is desired and considerable information can be obtained by this means. The authoritative version of the 3GPP Project Plan can be obtained directly from the 3GPP website.

It was noted that the contents of Release 4 and Release 5 will be discussed during the December meeting of the TSGs. However, the best estimate of the expected contents is already contained within the Project Plan and PDF extracted versions were made available to the meeting.

5.3 Future Release Packages

Dr Bailey raised concerns on the need to adhere to the current schedule and to ensure that the Release 4 target date of March 2001 is maintained. It was noted that TSG SA would inform the PCG immediately should any delay be expected for Release 4 and Release 5.

6 3GPP Support

6.1 Report of MCC Activities

The Secretary gave a report on the activities taking place within the Mobile Competence Centre (MCC) [3GPP/PCG#5(00)06].

Madam Cao informed the PCG that CWTS wished to provide a voluntary expert to work within MCC and that a search was underway to find a suitable candidate with core network expertise.

6.2 TSG Support Requirements for 2001

There were no additional requests for funding in year 2001 arising from the TSGs.

6.3 New Funding Requests from TSGs

Dr Park requested that some of the funding for the TTCN activities within TSG-T, already agreed for use within year 2001, be advanced for use within year 2000. A full explanation of the advantages to be gained by advancing the funding had been provided [3GPP/PCG#5(00)20]. The PCG agreed this request.

Decision PCG5/9: 6 man-months of resource for MCC Task 160 (Terminals TTCN) advanced from year 2001 for use in December 2000.
--

7 Working Procedures and Working Methods

A PCG decision had been made by correspondence to raise the maximum number of Organizational Partner representatives within the PCG from three to five per delegation. The Secretary had prepared a revision of the Working Procedures to reflect this decision and the text was approved by the PCG [3GPP/PCG#5(00)18].

Decision PCG5/10: Revision to the Working Procedures, changing the maximum size of the OP delegation in the PCG, approved [3GPP/PCG#5(00)18].
--

Dr Woinsky had considered the action arising from a previous PCG meeting concerning changes in company affiliation and had submitted some preliminary text for the Working Procedures [3GPP/PCG#5(00)22]. It was agreed that the text should be reviewed by the Working Procedures ad hoc group before any conclusion is drawn.

Action PCG5/3: Working Procedures ad hoc group to consider the proposed text concerning changes in company affiliation prepared by Dr Woinsky [3GPP/PCG#5(00)22].

8 External Relations and Liaisons

8.1 ITU-T and ITU-R

Mr Leite (ITU) presented for information a liaison statement that was in the process of being formerly transmitted to the Organizational Partners, concerning the update procedure for revisions of Recommendation ITU-R M.1457 (Detailed specifications of the radio interfaces of IMT-2000) [3GPP/PCG#5(00)23]. (Note: a figure contained within this document was revised later in the meeting [3GPP/PCG#5(00)23a1].)

Also presented were two additional liaison statements which had already been processed within 3GPP concerning unwanted emissions and measurement uncertainty [3GPP/PCG#5(00)16 and 17 respectively].

The Chairman reported on a meeting that had taken place the previous day between 3GPP and ITU representatives. The result of that meeting was the proposal that representatives of ITU should be invited to participate in meetings of 3GPP OP and PCG with a maximum delegation size of three representatives. The PCG endorsed this proposal noting that a suitable classification of membership would need to be found (eg Special Observer).

Decision PCG5/11: The proposal that representatives of ITU should be invited to participate in meetings of 3GPP OP and PCG with a maximum delegation size of three representatives endorsed by PCG.

Action PCG5/4: Working Procedures ad hoc group to consider the changes required to the Working Procedures to reflect the ITU participation in 3GPP.

Also reported were the results of the discussion that had taken place concerning the new Special Study Group on IMT2000 and the presentation given by Mr Visser (SSG Chairman).

8.2 IETF

The Chairman reported on the results of a meeting that had taken place the previous day between 3GPP and IETF officials. The result of that meeting had been the preparation of a draft Request For Comments (RFC) containing a description of the co-operation between the two organizations [3GPP/PCG#5(00)26rev1]. Some further refinement of the text was proposed during this PCG meeting with the anticipation that a final draft version of the RFC would be made available after the close of the meeting.

Decision PCG5/12: Draft text of an RFC describing the collaboration between 3GPP and IETF endorsed by PCG subject to final editing [3GPP/PCG#5(00)26rev1].

Action PCG5/5: Working Procedures ad hoc group to consider whether changes are required to the Working to reflect the contents of the draft RFC describing the collaboration between 3GPP and IETF.

9 Matters Arising from MRPs

Dr Eylert presented a 2G to 3G roadmap on behalf of the Market Representation Partners [3GPP/PCG#5(00)24]. The roadmap made the recommendation that the schedule and content of Release 4 should be maintained and that the MRPs would assist in prioritising the content of Release 5 and beyond. The roadma alos contain and example business model and revenue forecast for 3G services together with a transition map showing the options available to operators.

Within the roadmap was the proposal that a UMTS Forum workshop should be held during the first quarter of 2001 in order to set the requirements for deploying key 3G services. It was noted that Mrs Napolitano will chair this workshop and participation was encouraged from the wider 3GPP community. The PCG endorsed this workshop.

Decision PCG5/13: Proposed UMTS Forum workshop on requirements for deploying key 3G services endorsed by PCG [3GPP/PCG#5(00)24].

Mr Nikkari presented a report on the activities of the 3GPP MRPs [3GPP/PCG#5(00)25]. The report focussed on the activities of the UMTS Forum and, in particular, the latest reports which had been produced (Report 9, Structuring Third Generation Revenues; Report 10, Shaping the Mobile Multimedia Future; and Report 11, Enabling UMTS/Third Generation services). Also contained within the report was an analysis of the current progress in the issuing of 3G licenses.

10 Chairmanship and Vice Chairmanship of PCG

The Chairman reported that his term of office would expire in January 2001 and that the positions of PCG Chairman and PCG Vice Chairmen needed to be considered. It was noted that the original intention had been for the chairmanship to rotate annually between the continents of Asia, Europe and US.

Dr Chatterjee (Committee T1) proposed that Akio Sasaki (ARIB) should become the PCG Chairman for year 2001. This proposal was agreed by the PCG.

It was further proposed that Asok Chatterjee (Committee T1) should become the PCG Chairman for year 2002. This too was agreed by the PCG.

Decision PCG5/14: Akio Sasaki (ARIB) appointed as the PCG Chairman for year 2001

Decision PCG5/15: Asok Chatterjee (Committee T1) appointed as the PCG Chairman for year 2002

It was agreed that Karl Heinz Rosenbrock (ETSI) and Asok Chatterjee (Committee T1) be appointed as PCG Vice Chairmen for year 2001.

Decision PCG5/16: Karl Heinz Rosenbrock (ETSI) and Asok Chatterjee (Committee T1) appointed as PCG Vice Chairmen for year 2001

Dr Chatterjee proposed a vote of thanks to Mr Rosenbrock for his services as Chairman of the PCG.

10 Next Meeting Dates

It had initially been proposed that a meeting of the PCG should take place in conjunction with the March 2001 TSG meetings in order to appoint the TSG Chairmen. However, it was concluded that this matter could be delegated to the OP Heads of Delegation who could undertake the appointments either by direct participation or by electronic means.

Decision PCG5/17: Appointment of TSG Chairmen, which will take place in March 2001, delegated to the OP Heads of Delegation and to be undertaken by direct participation or by electronic means.

The next meeting of PCG will take place on **10 April 2001** in Sophia Antipolis, France.

11 Any Other Business

There were no items raised under this heading.

12 Closure of Meeting

There being no further business the meeting was closed.

Annex A Adopted agenda

1	Opening of Meeting and Chairman's Remarks
2	Approval of Agenda
3	Approval of Report of PCG#4 3.1 Review of actions
4	Management Reports from TSGs 4.1 TSG SA 4.2 TSG CN 4.3 TSG RAN 4.4 TSG T 4.5 TSG GERAN
5	3GPP Progress and Current Status of Activities 5.1 Progress of Release '99 5.2 Progress of Release '00 and Release '00 Content 5.3 Future Release Packages
6	3GPP Support 6.1 Report of MCC Activities 6.2 TSG Support Requirements for 2001 6.3 New Funding Requests from TSGs
7	Working Procedures and Working Methods
8	External Relations and Liaisons 8.1 ITU-T and ITU-R 8.2 IETF
9	Matters arising from MRPs
10	Chairmanship and Vice Chairmanship of PCG
11	Next Meeting Dates

Annex B List of Decisions

N°.	DECISION
D-PCG5/1	Report of PCG#4 approved [3GPP/PCG#4(00)21r1].
D-PCG5/2	Revised release packaging mechanism agreed by PCG as proposed by TSG SA.
D-PCG5/3	TSG CN request to liaise with the Multi Service Switching Forum approved.
D-PCG5/4	Mr Hiroshi Nakamura (NTT DoCoMo, TTC) appointed TSG CN Vice Chairman [3GPP/PCG#5(00)19].
D-PCG5/5	TSG T request to liaise with the European Computer Manufacturers Association (ECMA) approved.
D-PCG5/6	Mr Michael Färber (Siemens, ETSI) and Mr Marc Grant (SBC, T1) appointed as Vice Chairmen of TSG GERAN.
D-PCG5/7	The PCG approved the proposal from TSG GERAN that Mr Andersen (Motorola, ETSI) continue to act as Convenor until April 2001.
D-PCG5/8	Review of the assigned responsibilities within the TSGs to be undertaken by an ad hoc group under the leadership of Dr Bailey taking into account the progress being made with the transferred GSM activities and the relative work loads resulting from the current assignments.
D-PCG5/9	6 man-months of resource for MCC Task 160 (Terminals TTCN) advanced from year 2001 for use in December 2000.
D-PCG5/10	Revision to the Working Procedures, changing the maximum size of the OP delegation in the PCG, approved [3GPP/PCG#5(00)18].
D-PCG5/11	The proposal that representatives of ITU should be invited to participate in meetings of 3GPP OP and PCG, with a maximum delegation size of three representatives, endorsed by PCG.
D-PCG5/12	Draft text of an RFC describing the collaboration between 3GPP and IETF endorsed by PCG subject to final editing [3GPP/PCG#5(00)26rev1].
D-PCG5/13	Proposed UMTS Forum workshop on requirements for deploying key 3G services endorsed by PCG [3GPP/PCG#5(00)24].
D-PCG5/14	Akio Sasaki (ARIB) appointed as the PCG Chairman for year 2001
D-PCG5/15	Asok Chatterjee (Committee T1) appointed as the PCG Chairman for year 2002
D-PCG5/16	Karl Heinz Rosenbrock (ETSI) and Asok Chatterjee (Committee T1) appointed as PCG Vice Chairmen for year 2001
D-PCG5/17	Appointment of TSG Chairmen, which will take place in March 2001, delegated to the OP Heads of Delegation and to be undertaken by direct participation or by electronic means.

Annex C List of Actions

N°.	RESPONSIBLE	ACTION
A-PCG5/1	Secretary	To provide contact details to TSG T and ETSI TIPHON leadership concerning IP multimedia call control.
A-PCG5/2	Dr Bailey	To lead a review of the responsibilities currently assigned within the TSGs.
A-PCG5/3	Working Procedures ad hoc group	To consider the proposed text concerning changes in company affiliation prepared by Dr Woinsky [3GPP/PCG#5(00)22].
A-PCG5/4	Working Procedures ad hoc group	To consider the changes required to the Working Procedures to reflect the ITU participation in 3GPP.
A-PCG5/5	Working Procedures ad hoc group	To consider whether changes are required to the Working to reflect the contents of the draft RFC describing the collaboration between 3GPP and IETF.

Annex D List of documents

Doc. No.	Title	Source	Agenda Item
PCG4_21r1	Draft Revised Summary Minutes, Decisions and Actions from 4 th 3GPP PCG Meeting, Beijing – China, 17 July 2000	Secretary	3
PCG5_01r1	Proposed Draft Agenda	Chairman	2
PCG5_02	Actions Status List	Secretary	3
PCG5_03r1	List of Documents	Secretary	All
PCG5_04	Attendees List	Secretary	All
PCG5_05	3GPP TSG Meeting Calendar	Secretary	11
PCG5_06	Report from MCC	ETSI	
PCG5_07	3GPP Status List after TSG#9	Secretary	5.1
PCG5_08	3GPP Release Packages	Secretary	5.3
PCG5_09	Content on Release 4 and Release 5	Secretary	5.2, 5.3
PCG5_10	TSG SA Management Report	TSG SA Chairman	
PCG5_11	TSG CN Management Report	TSG CN Chairman	
PCG5_12	TSG RAN Management Report	TSG RAN Chairman	
PCG5_13	TSG T Management Report	TSG T Chairman	
PCG5_14	TSG GERAN Management Report	TSG GERAN Chairman	
PCG5_15	Liaison Statement to Relevant External Organizations updating Recommendation ITU-R M.1457 “Detailed Specifications of the Radio Interfaces of IMT-2000”	Secretary	8.1
PCG5_16	Liaison Statement to Standards Development Organizations – Unwanted Emissions	Secretary	8.1
PCG5_17	Liaison Statement to SDOs, 3GPP and 3GPP2 on Handling of Measurement Uncertainty for the Terrestrial Component of IMT-2000	Secretary	8.1
PCG5_18	Proposed Change to 3GPP Working Procedures	Secretary	7
PCG5_19	Appointment of TSG CN Vice Chairman	Secretary	4.2
PCG5_20	Request for advance of 2001 resources for TTCN testing	TSG T Chairman	6.3
PCG5_21r1	Updating the IPR Register	Secretary	3.1
PCG5_22	Proposed revision of 3GPP Working procedures	Dr Woinsky	7
PCG5_23	Update Procedure for Revisions of Recommendation ITU-R M.1457 (Detailed specifications of the radio interfaces of IMT-2000)	Fabio Leite (ITU)	8.1
PCG5_24	3G MRPs Roadmap 2G to 3G	3GPP MRPs	9
PCG5_25	3GPP MRPs activity report	3GPP MRPs	9
PCG5_26r1	Draft text of IETF RFC describing 3GPP/IETF collaboration	Raj Sanmugam	8.2

Annex E List of Participants

Last Name	First Name	Email	Organization/SDO
Aberg	Olle	olle.aberg@era.ericsson.se	GSA
Anderson	Niels Peter Skov	npa001@email.mot.com	TSG SA Chairman
Bailey	Chuck	cbailey@trisbc.com	T1
Chatterjee	Asok	achatterjee@ericsson.com	T1
Courau	Francois	francois.courau@alcatel.fr	TSG RAN VC
Crandall	Jim	jcrandall@atis.org	T1
Cushieri	Henry	hcushieri@tia.eia.org	TIA
Daly	Brian	brian.daly@attws.com	3G.IP
Davidson	Phil	phil.davidson@bt.com	ETSI
Dennett	Steven	qa1404@email.mot.com	TIA
Ehrlich	Ed	ed.ehrlich@nokia.com	TSG-T VC
Furuya	Yuki	y-furuya@bl.jp.nec.com	TSG RAN Chair
Galante	Maria Pia	mariapia.galante@cselt.it	3G.IP
Gylert	Bernd	bernd.gylert@t-mobil.de	UMTS Forum
Hadden	Alan	alan.hadden@gsacom.com	GSA
Hapeman	Raymond	rhapeman@telcordia.com	T1
Hill	Eric	ehill@gsm.org	GSM Association
Holley	Kevin	kevin.holley@bt.com	TSG-T VC
Holmes	Christopher	christopher.holmes@dti.gov.uk	ETSI
Horiski	Nobuhiro	horisaki@ttc.or.jp	TTC
Jones	Gary	gary.jones@voicestream.com	TSG-SA VC
Kim	Youngk	youngkyunkim@samsung.com	TTA
Ladid	Latif	latif.ladid@ericssontelebit.com	IPv6 Forum
Lee	Bong-Kuk	bklee@tta.or.kr	TTA
Leite	Fabio	fabio.leite@itn.imt	ITU
Lord	Jim	jim.lord@mail.sprint.com	T1
Maeda	Yutaka	maeda@arib.or.jp	ARIB
Mickool	Sheila	shelia.mickool@uwcc.org	UWCC
Musgrove	Peter	peter.musgrove@attws.com	3G.IP
Nakada	Yoshinao	ynakada@lucent.com	TTC
Napolitano	Antonella	antonella.napolitano@mail.blu.it	UMTS Forum
Nikkari	Leo	leo.nikkari@uwcc.org	UWCC
Pandya	Raj	raj.pandya@sympatico.com	ITU-T
Park	Sang-Keun	spark@samsung.com	TSG-T Chair
Rosenbrock	Karl-Heinz	rosenbrock@etsi.fr	ETSI
Ryoo	Changho	changho.ryoo@ekk.ericsson.se	TTA
Sanmugam	Raj	raj.sanmugam@era.ericsson.se	ETSI
Saski	Akio	sasaki@arib.or.jp	ARIB
Scrase	Adrian	scrase@etsi.fr	ETSI
Taya	Kunihiko	taya@bk.jp.nec.com	TTC
Tchaika	Tatiana	tatiana.tchaika@itu.int	ITU
Toepfer	Armin	armin.toepfer@dlmannesmunndc	ETSI
Tonelli	Paola	paola.tonelli@vodafone-us.com	UMTSF
Utano	Takanori	utano@nttdocomo.co.jp	ARIB
Visser	John	jvisswe@nortelnetworks.com	ITU-T
Watanabe	Kunio	watanabe@wcws.ts.fujitsu.co.jp	ARIB
Wee	Kyu-Jin	Kjwee@rrl.go.kr	TTA

Yamamoto	Koji	k.yamaoto@needocomo.co.jp	TTC
Yon	C.H.	yon@lgic.co.kr	TTA
Yoshimura	Yukio	y.yoshimura@az.jp.nec.com	ARIB
Yoshino	Keiji	Yoshino@ttc.or.jp	TTC
Zelmer	Don	don-zelmer@bscc.bls.com	TSG RAN VC
Zeuch	Wayne	zeuch@lucent.com	T1

Annex F Terms of Reference for 3GPP ad hoc Group for Organizational Structure Review

Background:

The report of the 3GPP Ad Hoc Group on Movement of the GSM Radio Activities into 3GPP (dated March 30, 2000) recommended that the PCG:

“Plan for a 6-month review period, and for an organizational review to report back to the OP’s during the first quarter of 2001.”

The report was accepted at the July, 2000 PCG meeting.

Agreement:

In accordance with this, the PCG agrees that an ad hoc group should be formed with the following terms of reference.

- Review the current organizational structure of the 3GPP technical groups working on GSM, GERAN and related technologies.
- Examine whether the current organization of work in 3GPP is most effective, or if it needs re-alignment.
- Examine whether any needed work is not being accomplished, and whether 3GPP TSG’s should be requested to take on such work items.

It is requested that the ad hoc group complete its report to the PCG no later than March 31, 2001.

Dr. C.C. Bailey of Committee T1 was requested to chair the ad hoc group.