

Source: Secretary

Title: Draft summary minutes, decisions and actions from 3GPP PCG Meeting#7, Tokyo, 8 October 2001

Agenda item: all

Document for:

Decision	X
Discussion	
Information	

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1 Opening of Meeting and Chairman's Remarks

Dr Chatterjee (Vice Chairman) opened the meeting and Mr Horisaki (TTC) welcomed the participants to Tokyo. The list of participants is given at **Annex E**.

Mr Horisaki reported the sad loss of Mr Akio Sasaki, PCG Chairman, who had recently passed away following a short illness. Dr Chatterjee presented a short tribute to the work of Akio Sasaki, which is reproduced below.

"Friends,

Here we are in Tokyo for the 3GPP PCG Meeting. This meeting was to be chaired by one of our closest friends, one of our dearest leaders - Akio Sasaki. This was to be his meeting, in his city, at his home base.

Akio left us last week. 3GPP will not be the same at any level - PCG, OP, TSG - without the presence and leadership of Akio Sasaki. But we have an obligation to carry on a mission that Akio would have led. We would try to do what Akio would have done. We will ensure that UMTS is very successful here in Japan, and all over the world. We will ensure that 3GPP will continue to provide the technology base to make UMTS successful.

Let us start the meeting. But before we do that, let us take a minute to remember our departed friend and leader Akio Sasaki. May his soul rest in peace."

There followed a minutes silence to mark this sad occasion.

Dr Chatterjee had previously been requested to act as Chairman for this meeting and had kindly agreed to undertake this task.

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#7(01)1r2]**.

3 Approval of Report of PCG#6

The draft report of PCG#6, which had been revised to take account of comments received, was presented and approved [**3GPP/PCG#6(01)29r1**].

Decision PCG7/1: Report of PCG#6 approved [3GPP/PCG#6(01)29r1].

3.1 Review of Actions

The status of the actions arising from PCG#6 were reviewed [**3GPP/PCG#7(01)03**]. The status of each action is recorded below:

A-PCG6/1. Mr Hayes to describe the problems associated with Mobile Country Codes in a document to be forwarded to ITU T SG2 and to ITU SSG IMT2000 and beyond.

Mr Hayes reported that TSG CN#11 had sent a liaison to ETSI SPAN discharging this action.

A-PCG6/2. Mr Visser to report to ITU-T SG2 that the official documentation recording the allocation of Mobile County Codes required updating.

The ITU representatives reported that he matter had been brought to the attention of ITU-T SG2 but it was not clear whether they had yet taken action. To ensure a satisfactory resolution of the problem, Mr Leite accepted a new action for this issue.

Action PCG7/1: Mr Leite (IMT 2000 Project Manager) to ensure that ITU-T SG2 take appropriate action to update the Recommendations containing the allocation of Mobile Country Codes.

A-PCG6/3. TSG SA to consider the results of the services workshop being held in April 2001 and formulate mature work programme proposals beyond Release 5 for presentation to the next meeting of PCG.

The TSG SA Chairman reported that TSG SA had received the report of the services workshop and had identified the work that was required to be done. However, it was noted that whilst the MRPs had done a good job in identifying the requirements, real progress could not be made without the concerted effort of 3GPP members who should support the work with contributions. It was further noted that a workshop would shortly be held to consider the further evolution of the 3GPP work programme. The TSG SA Chairman accepted a new action to report the results of that workshop to the next PCG meeting in the form of a work programme update.

Action PCG7/2: TSG SA Chairman to consider the results of the 3GPP future evolution workshop being held in Helsinki, October 2001, and to report the results to the next PCG meeting in the form a work programme update.

A-PCG6/4. TSG RAN to support the attempt for 3GPP and 3GPP2 to harmonise their "all IP" option and to keep the PCG fully informed of developments.

The TSG RAN Chairman reported that this action had been discharged and a joint meeting had been planned between the two Partnership Projects.

A-PCG6/5. TSG Chairmen to disseminate the results of the 3GPP Organizational Review discussion to their groups.

All TSG Chairmen reported that they had discharged this action.

4 Management Reports from TSGs

4.1 TSG SA

Mr Andersen (TSG SA Chairman) presented a progress report of TSG SA activities [3GPP/PCG#7(01)05].

Arising from the progress report was a request for permission to liaise with the following organizations:

SynchML Initiative;
802.11 Forum;
Home RF Forum.

This permission was granted by the PCG.

Decision PCG7/2: Authorisation granted for TSG SA to liaise with the SynchML Initiative.

Decision PCG7/3: Authorisation granted for TSG SA to liaise with the 802.11 Forum.

Decision PCG7/4: Authorisation granted for TSG SA to liaise with the HomeRF Forum.

It was noted that the current practice is for the agreed liaison status to be recorded on a TSG by TSG basis and that this was unnecessarily detailed and limiting. It was agreed that where liaison status is agreed this should be valid for all 3GPP TSGs.

Decision PCG7/5: Liaison authorisation with external bodies, granted by the PCG, shall be valid for all 3GPP TSGs.

Action PCG7/3: Secretary to ensure that the 3GPP web site is updated to show that liaison authorisation with external bodies is valid in all cases for all TSGs.

4.2 TSG CN

Mr Hayes (TSG CN Chairman) presented the progress report of TSG CN activities [3GPP/PCG#7(01)06]. A number of issues arose from the report which are detailed below.

IANA codepoint allocation:

The time taken for the allocation of codepoints by IANA had been a matter of concern to TSG CN and advice was sought as to how the allocation process could be accelerated. Mr Davidson advised that the IANA function was under the control of ICAAN of which he was currently a Director, expressing concern that any undue delay should occur. He agreed to enquire about the process at the next ICAAN meeting. It was also noted that ETSI was present on the Protocol Support Organization (PSO) and that the matter could additionally be raised by that route. However, due to the urgency of the matter, it was agreed that a communication should also be sent to IANA by each of the Organizational Partner, stressing the need for the allocation process to be improved.

At a later stage of the meeting, draft text was produced and approved to be sent to IANA by the Organizational Partners [3GPP/PCG#7(01)22].

Action PCG7/4: Mr Davidson to enquire at the next ICAAN meeting on the process used for the allocation of codepoints in order to establish why the process appears to take a long time.

Action PCG7/5: ETSI to raise the problem associated with the IANA allocation of codepoints with the PSO.

Action PCG7/6: All Organizational Partners to write to IANA concerning the time delay in the allocation of codepoints using the text prepared during PCG#7 as a basis [3GPP/PCG#7(01)22].

Dependency on IETF RFCs for the completion of 3GPP Release 5:

The TSG CN Chairman had reported that Release 5 made reference to approximately 40 IETF RFCs of which 18 were deemed to be critical for the completion of the work. It was noted that target dates for the completion of the RFCs were unreliable and that this could jeopardise the completion of Release 5 by the March 2002 timeframe. The matter had been addressed by the 3GPP/IETF co-ordinator but it was understood that the only guarantee of completing the work on time would be for 3GPP members to send resources to IETF.

Action PCG7/7: Organizational Partners to encourage their Individual Members to send resources to IETF in order to complete those RFCs reference by 3GPP within Release 5.

Liaison request with the Location Interoperability Forum (LIF)

TSG CN had request permission to liaise with LIF and this request was approved by the PCG.

Decision PCG7/6: Authorisation granted for 3GPP TSGs to liaise with LIF.

Harmonisation of IMS as proposed by OHG.

The OHG had written to 3GPP requesting that harmonisation efforts be undertaken by the two Partnership Projects for the development of an "all IP" core network. TSG CN had considered this

request concluding that the term “all IP” was not appropriate and that in 3GPP terminology the harmonisation effort referred to the IMS subsystem. A response had been sent to the OHG informing them of this understanding together with a request for further information on the wishes of OHG. It was agreed that TSG CN should continue in their efforts to harmonise the work with that being done in 3GPP2 where possible, but that this should not be at the expense of delaying the completion of Release 5.

4.3 TSG RAN

Mr Courau (Chairman TSG RAN) reported on the activities of TSG RAN [3GPP/PCG#7(01)07]. A number of issues arose from the report which are detailed below.

M.1457 update.

TSG RAN had reported on the problems associated with the deadline given for the next update of ITU-R M.1457 which was currently set as end March 2002. It had been proposed that an extension of this deadline should be sought. The discussion of this proposal was deferred until Agenda Item 8 of this meeting.

Liaison request with CTIA.

TSG RAN had requested authorisation to liaise with the Cellular Telecommunications & Internet Association (CTIA) [3GPP/PCG#7(01)19]. This request was granted.

Decision PCG7/7: Authorisation granted for 3GPP TSGs to liaise with CTIA [3GPP/PCG#7(01)19].

Regional regulatory requirements.

A contribution was presented by ARIB members which supported the decision previously taken within 3GPP, that 3GPP specifications should constitute a superset of all requirements from which regional variations could be extracted as required [3GPP/PCG#7(01)20]. This was seen as particularly important in respect of regional regulatory requirements. After a short discussion it was confirmed by the PCG that where a non-regulatory option is proposed within a specification, it was for the TSG to decide whether the option should be included or not. However, where the proposed option concerns a regulatory requirement particular to one or more regions, then the option shall be included, and the TSG should not debate the inclusion issue further.

Decision PCG7/8: Options in the form of a regulatory requirement particular to one or more regions, shall be included in 3GPP specifications. TSGs should not debate the inclusion or rejection of such options. [3GPP/PCG#7(01)20].

Distribution of GERAN/RAN work.

A contribution had been prepared by ARIB which discussed the distribution of work between TSGs RAN and GERAN [3GPP/PCG#7(01)21]. After a brief discussion it was concluded that the contribution described the current practice and that no action was required by the PCG.

4.4 TSG T

Dr Park (Chairman TSG T) reported on the activities taking place within TSG T [3GPP/PCG#7(01)08].

The principal matter arising from this report was the request for the funding of TTCN work in 2002 and this matter was deferred to Agenda item 6.3 of this meeting.

4.5 TSG GERAN

Mr Andersen (Chairman TSG GERAN) reported on the activities of TSG GERAN [3GPP/PCG#7(01)09]. One matter of concern to TSG GERAN had been the debate concerning the use of support of PCCCH. The matter had been satisfactorily resolved within TSG GERAN but due to the complexity of the discussion, and the political sensitivity of the subject matter, the definitive

conclusion had been included in full in the report to this meeting. There were no matters requiring discussion by the PCG.

5 3GPP Progress and Current Status of Activities

The Calendar of meetings for TSGs CN, RAN, T and SA was presented for information [3GPP/PCG#7(01)11]. [Note, the extracted Calendar did not include the dates for TSG GERAN meetings, although these dates are correctly contained within the 3GPP Calendar of Meetings available on the 3GPP web site].

5.1 Status and content of Release 4

Mr Andersen presented a detailed explanation of the content of Release 4 which was noted by the PCG [3GPP/PCG#7(01)16].

5.2 Status and content of Release 5

Mr Andersen presented a detailed explanation of the content and timing of Release 5 which led to the projection that the majority of Release 5 work items should be complete by March 2002 [3GPP/PCG#7(01)15]. The major item which looked likely to slip until June 2002 was IMS Security. The PCG noted that by current projection, March 2002 looked a realistic date for the functional freezing of Release 5 (with the exception of IMS Security) although this would need to be confirmed during the December TSG meetings on the basis of the latest available information. (The previous discussion concerning the dependency on IETF RFCs was also taken into account during this discussion).

5.3 Long term evolution (beyond release 5)

Mr Andersen reported that outline plans had now been made for Release 6, with a target date for the completion of the work set for June 2003.

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#7(01)10]. The report included an analysis of MCC performance and information on the improvement measures being undertaken. There were no matters requiring decision by the PCG.

6.2 TSG Support Requirements for 2002

There were no additional support requests arising from the TSGs for which funding is required in year 2002.

6.3 New TSG Funding Requests for specific tasks

One request for specific task funding had been received from TSG T for the further development of TTCN for 3G terminals. The request amounted to 754 kEUR.

The TSG T Chairman presented a justification for the value of TTCN which had been prepared by the specialist testing centre with ETSI [3GPP/PCG#7(01)17]. Whilst the value of TTCN was not brought into question, the TSG SA Chairman indicated that contrary to the supporting document, TTCN did exist for GPRS although the work had not been funded by ETSI. Moreover, the early difficulties experienced with GSM were more related to the changing regulatory environment than the unavailability of TTCN. The conclusion from this discussion was a reiteration of the value of TTCN.

The TSG T Chairman explained the progress already made in the development of TTCN and proceeded with a formal request for 754 kEUR of funding to be made available in the 2002 budget to continue this work [3GPP/PCG#7(01)18].

After a short discussion, the Chairman concluded that, in principle, there was a strong support for the continuation of the TTCN subject to funds being made by the Organization Partners and that this would be discussed in their meeting to take place on 9 October.

Decision PCG7/9: The principle of continuing the task of developing TTCN for 3G terminals supported by the PCG.
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7 Working Procedures and Working Methods

7.1 Report from WP Ad Hoc Group

Mr Yoshimura presented a report from the Working Procedures Ad Hoc Group [3GPP/PCG#7(01)14]. The report indicated that no formal request for changes to the procedures would be made at this meeting but a comprehensive update should be expected for the next meeting. However, there were two areas where PCG guidance was sought and these are discussed below.

Articles 39, 40, and 41 contain a description of the process to be followed for the PCG approval of the work programme. It was the contention of the ad hoc group that this process was not being followed and that either the text should be modified or the process be followed in the future. After a short discussion the PCG confirmed that they wish to retain the principle of PCG approval of the work programme and that future PCG Agendas should take this into account.

Action PCG7/8: Secretary to ensure that future PCG Agendas include an item for the approval of the 3GPP work programme.
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In terms of the more detailed update to the Working Procedures it was agreed that drafts should be circulated to a wide audience, and in particular the TSG leadership, before being presented to the PCG for approval.

Action PCG7/9: Working Procedures Ad Hoc Group to ensure that draft revisions to the Working Procedures be given a wide circulation before being presented to the PCG for final approval.
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The Ad Hoc group had also sought advice on whether to maintain the 3GPP Project Description which had been prepared during the creation of PCG. The PCG noted this request for advice which was deferred to the Organizational Partners meeting to take place the following day.

7.2 Approval of proposals to modify 3GPP Working Procedures

There were no proposals for modification of the 3GPP Working Procedures at this meeting.

8 Matters Arising from ITU

Mr Visser presented correspondence which had been sent from ITU-T SSG IMT2000 and Beyond to 3GPP, 3GPP2, and the OHG in response to an OHG call for harmonisation of the IP core network being developed by the Partnership Projects [3GPP/PCG#7(01)12]. The correspondence supported the harmonisation efforts and offered support should that be required.

Mr Visser also presented correspondence sent from the ITU-T SSG IMT2000 and Beyond which called for update information from the Partnership Projects for ITU-T Recommendation Q.1741.2 [3GPP/PCG#7(01)13]. This correspondence had already been received by the Organizational Partners, which would respond accordingly.

Calls had been made during this PCG meeting for ITU-T and ITU-R to co-ordinate their calls for information such that major updates to ITU Recommendations could be synchronised. Mr Leite, as IMT2000 Project Manager within the ITU, took note of this request commenting that more time was required for the ITU to perfect its operations.

A proposal has had been made earlier in this meeting that the deadline for the provision by the Partnership Projects of updated material for M.1457 (aka RSPC) should to extended beyond the existing date of 31 March 2002. The rationale for this proposal was to allow sufficient time for the Organizational Partners to transpose the results of the TSG meetings taking place in March 2002, such that the most up to date references can be provided to the ITU. An examination of the transposition processes followed by the Organizational Partners revealed that a two month extension would be required to achieve this objective. This proposal was discussed with the ITU representatives present and it was agreed that a written proposal should be submitted to the ITU-R SG8 WP8/F meeting that was scheduled to take place in the immediate future. ETSI, as a member of ITU, and through the TSG RAN Chairmanship that it currently held, volunteered to draft the text of such a proposal and to present it to the ITU meeting on behalf of 3GPP Partners. The text of the proposal was prepared during the margins of this meeting and the TSG RAN Chairman agreed to present it to the ITU.

Action PCG7/10: TSG RAN Chairman to present a proposal (in the name of ETSI, but on behalf of all Organizational Partners), to the ITU-R SG8 WP8/F meeting, that the deadline for the provision of update material should be extended until end May 2002.

9 Matters Arising from MRPs

Dr Eylert gave an update on the work being undertaken by the MRPs [3GPP/PCG#7(01)23]. The report included a summary of the results achieved during the services workshop held earlier in the year and the results of an MRP co-ordination meeting that had taken place in preparation for this PCG meeting. It was noted that a Portal Study had been undertaken by the UMTS Forum and that the results of that Study could be presented to the next PCG. It was agreed by the PCG that such a presentation should be made.

Action PCG7/11: Secretary to add presentation of Portal Study results to the Agenda of PCG#8.

10 External relations and Liaisons

There were no matters arising under this Agenda item.

11 Election of PCG Vice Chairman for 2002

The PCG had already decided that Dr Asok Chatterjee should be their Chairman for year 2002. Due to the sad loss of Mr Sasaki, ETSI had proposed that Dr Chatterjee also be asked to act as PCG Chairman for the rest of 2001 and this proposal was unanimously supported.

Decision PCG7/10: Dr Asok Chatterjee to act as PCG Chairman until the end of 2001 and then to assume the place as PCG Chairman for year 2002.

A principle had previously been established that the PCG elected positions should be representative of the three regions; Asia, Europe, and North America. This led to the proposal that Dr KJ Wee and Mr Karl Heinz Rosenbrock be appointed as PCG Vice Chairmen for year 2002. The proposal was unanimously supported.

Decision PCG7/11: Dr KJ Wee and Mr Karl Heinz Rosenbrock appointed as PCG Vice Chairmen for year 2002.

12 A.O.B

Concerns had been raised on the impact that recent travel restrictions may have on the ability of Working Groups to make good decisions, particularly those RAN WGs about to take place in North America [3GPP/PCG#7(01)12]. It was noted that at the Working Group level proposals were formulated for formal approval by the TSGs, so to some extent absent parties would have a second occasion on which to verify technical developments. In addition, TSG Chairmen were requested to

request their WG Chairmen to be sensitive of current travel restrictions and to take these into account when making decisions.

Action PCG7/12: TSG Chairmen to request their WG Chairman to exercise good judgement in making decisions, taking into account the travel restrictions currently being imposed by some companies.

13 Closing of Meeting and next meeting dates

The future meeting schedule was agreed as follows:

PCG/OP 25/26 April 2002 (US)

PCG/OP 3-4 October 2002 (Europe)

The Chairman thanked the hosts for their meeting support and hospitality. There being no further business the meeting closed.

Annex A Adopted agenda

1	Opening of Meeting and Chairman's Remarks
2	Approval of Agenda
3	Approval of Report of PCG#6 3.1 Review of Actions
4	Management Reports from TSGs 5.1 TSG SA 5.2 TSG CN 5.3 TSG RAN 5.4 TSG T 5.5 TSG GERAN
5	3GPP Progress and Status of Activities 5.1 Status and Content of Release 4 5.2 Status and Content of Release 5 5.3 Long Term Evolution (beyond Release 5)
6	3GPP Support 6.1 Report of MCC Activities 6.2 TSG Support Requirements for 2002 6.3 New TSG Funding Requests for Specific Tasks
7	Working Procedures and Working Methods 7.1 Report from WP Ad Hoc Group 7.2 Approval of Proposals to modify 3GPP Working Procedures
8	Matters Arising from ITU
9	Matters Arising from MRPs
10	External Relations and Liaisons
11	Election of PCG Vice Chairman for 2002
12	A.O.B
13	Closing of Meeting and next Meeting Dates

Annex B List of Decisions

N°.	DECISION
D-PCG7/1	Report of PCG#6 approved [3GPP/PCG#6(01)29r1].
D-PCG7/2	Authorisation granted for TSG SA to liaise with the SynchML Initiative.
D-PCG7/3	Authorisation granted for TSG SA to liaise with the 802.11 Forum.
D-PCG7/4	Authorisation granted for TSG SA to liaise with the HomeRF Forum.
D-PCG7/5	Liaison authorisation with external bodies, granted by the PCG, shall be valid for all 3GPP TSGs.
D-PCG7/6	Authorisation granted for 3GPP TSGs to liaise with LIF.
D-PCG7/7	Authorisation granted for 3GPP TSGs to liaise with CTIA [3GPP/PCG#7(01)19].
D-PCG7/8	Options in the form of a regulatory requirement particular to one or more regions, shall be included in 3GPP specifications. TSGs should not debate the inclusion or rejection of such options. [3GPP/PCG#7(01)20].
D-PCG7/9	The principle of continuing the task of developing TTCN for 3G terminals supported by the PCG.
D-PCG7/10	Dr Asok Chatterjee to act as PCG Chairman until the end of 2001 and then to assume the place as PCG Chairman for year 2002.

Annex C List of Actions

N°.	RESPONSIBLE	ACTION
A-PCG7/1	Mr Leite (IMT 2000 Project Manager)	To ensure that ITU-T SG2 take appropriate action to update the Recommendations containing the allocation of Mobile Country Codes.
A-PCG7/2	TSG SA Chairman	To consider the results of the 3GPP future evolution workshop being held in Helsinki, October 2001, and to report the results to the next PCG meeting in the form a work programme update.
A-PCG7/3	Secretary	To ensure that the 3GPP web site is updated to show that liaison authorisation with external bodies is valid in all cases for all TSGs.
A-PCG7/4	Mr Davidson	To enquire at the next ICAAN meeting on the process used for the allocation of codepoints in order to establish why the process appears to take a long time.
A-PCG7/5	ETSI	To raise the problem associated with the IANA allocation of codepoints with the PSO.
A-PCG7/6	All Organizational Partners	To write to IANA concerning the time delay in the allocation of codepoints using the text prepared during PCG#7 as a basis [3GPP/PCG#7(01)22].
A-PCG7/7	All Organizational Partners	To encourage their Individual Members to send resources to IETF in order to complete those RFCs reference by 3GPP within Release 5.
A-PCG7/8	Secretary	To ensure that future PCG Agendas include an item for the approval of the 3GPP work programme.
A-PCG7/9	Working Procedures Ad Hoc Group	To ensure that draft revisions to the Working Procedures be given a wide circulation before being presented to the PCG for final approval
A-PCG7/10	TSG RAN Chairman	To present a proposal (in the name of ETSI, but on behalf of all Organizational Partners), to the ITU-R SG8 WP8/F meeting, that the deadline for the provision of update material should be extended until end May 2002.
A-PCG7/11	Secretary	To add presentation of Portal Study results to the Agenda of PCG#8.
A-PCG7/12	TSG Chairmen	To request their WG Chairman to exercise good judgement in making decisions, taking into account the travel restrictions currently being imposed by some companies.

Annex D List of documents

Doc. No.	Title	Source	Agenda Item
PCG6_29r1	Draft Revised Summary Minutes, Decisions and Actions from 6 th 3GPP PCG Meeting	Secretary	3
PCG7_01r1	Proposed Draft Agenda	Chairman	2
PCG7_02	List of Documents	Secretary	All
PCG7_03	Actions Status List	Secretary	3.1
PCG7_04	Attendees List	Secretary	All
PCG7_05	TSG SA Management Report	TSG SA Chairman	4.1
PCG7_06	TSG CN Management Report	TSG CN Chairman	4.2
PCG7_07	TSG RAN Management Report	TSG RAN Chairman	4.3
PCG7_08	TSG T Management Report	TSG T Chairman	4.4
PCG7_09	TSG GERAN Management Report	TSG GERAN Chairman	4.5
PCG7_10	Report of MCC Activities	Secretary	6.1
PCG7_11	3GPP TSG Meeting Calendar	Secretary	5
PCG7_12	Towards Harmonized IP Core Network Standards	ITU-T SSG Chairman	8
PCG7_13	Request for New Information for draft Recommendation Q.1741.2 (referencing of 3GPP Release 4)	ITU-T SSG Chairman	8
PCG7_14	Report of WP Ad Hoc Group activities	WP AHG Chairman	7.1
PCG7_15	Content and timing of Release 5	TSG SA Chairman	5.2
PCG7_16	Summary of Content of Rel-4 and foreseen content of Rel-5	TSG SA Chairman	5.1
PCG7_17	Development & deployment of TTCN tests for 3GPP Terminals	TSG-T Chairman	6.3
PCG7_18	Funding Request for MCC Task 160 for TTCN Development	TSG-T Chairman	6.3
PCG7_19	Request from RAN4 to liaise with CTIA	Secretary	4.3
PCG7_20	Variations based on national/regional requirements	ARIB	4.3
PCG7_21	Comment on GERAN related work	ARIB	4.5
PCG7_22	Proposed liaison to IANA	TSG CN Chairman	4.2
PCG7_23	MRP's Work Update	UMTS Forum Chairman	9
PCG7_24	About the important decision in the meeting held in USA	ARIB	12
PCG7_25	Draft meeting report	Secretary	All

Annex E List of Participants

Participants List for 3GPP PCG/OP Tokyo meeting		08-Oct-01	9-Oct-01
Organization	Name	PCG	OP
ARIB	ISHIDA, Yoshihide	o	o
	UTANO, Takanori	o	o
	YOSHIMURA, Yukio	o	o
	WATANABE, Kunio	o	o
	FURUYA, Yukitsuna	o	o
	MAEDA, Yutaka	o	o
	NAKAYAMA, Keiichi	o	o
CWTS	CAO, Shumin	o	o
	SUN, Lixin	o	o
	HE, Hongong	o	o
	YANG, Chaobin	o	o
ETSI	ROSENBROCK, Karl Heinz	o	o
	SCRASE, Adrian (Secretary)	o	o
	DAVIDSON, Phil	o	o
	HOLMES, Christopher	o	o
T1	CHATTERJEE, Asok (Chairman)	o	o
	BAILEY, Chuck	o	o
	CASSEN, Quent	o	o
	MELVIN, Jay	o	o
	LORD, Jim	o	o
	YOUNGE, Mark	o	o
TTA	WEE, Kyu-Jin	o	o
	KIM, Young Kyun	o	o
	PARK, Jeongsik	o	o
	RYOO, Changho	o	o
TTC	HORISAKI, Nobuhiro	o	o
	YAMAMOTO, Koji	o	o
	TAYA, Kunihiko	o	o
	YABUSAKI, Masami	o	o
	YOSHINO, Keiji	o	o
	IGARASHI, Satomi		
UMTSF	EYLERT, Bernd	o	o
	TONELLI, Paola	o	o
UWCC	PEARSON, Chris	o	o
GSMA	HOFFMAN, John	o	o
3G.IP	MAGNANI, Nicola		

ITU	LEITE Fabio (ITU IMT-2000 Project Manager)	o	o
	LANGTRY, Colin (Counsellor, ITU-R SG8)	o	
	BLUST, Stephen (Chairman, ITU-R WP8F)	o	o
	COOKE, Stuart (Vice-Chairman, ITU-R WP8F)		o
	VISSER, John (Chairman, ITU-T SSG)	o	o
	LATHIA, Kirikumar (Vice-Chairman, ITU-T SSG)	o	o
TSG SA Chairman	ANDERSEN, Niels	o	o
TSG SA Vice Chairman	NAKAMURA, Hiroshi	o	o
TSG SA Vice Chairman	JONES, Gary	o	o
TSG T Chairman	PARK, Sang Keun	o	o
TSG T Vice Chairman	EHRlich, Ed	o	o
TSG T Vice Chairman	HOLLEY, Kevin	o	o
TSG CN Chairman	HAYES, Stephen	o	o
TSG CN Vice Chairman	□TAYA, Kunihiko□	o	
TSG RAN Chairman	COURAU, Francois	o	o
TSG RAN Vice Chairman	ZELMER, Don	o	o
TSG RAN Vice Chairman	FUKUDA, Eisuke	o	o
TSG GERAN Chairman	□ANDERSEN, Niels□	o	o
TSG GERAN Vice Chairman	FÄRBER, Michael	o	o
TSG GERAN Vice Chairman	GRANT, Marc	o	o
TSACC	VINODRAI, Vino	o	o