



**APPROVED MEETING REPORT**  
**3GPP2 Steering Committee Meeting #11**  
**ARIB/CWTS/TIA/TTA/TTC**  
**April 19, 2001**  
**Philadelphia, Pennsylvania – USA**

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**1 Opening**

The meeting was called to order at 9:10am by Mr. Steve Dennett (Motorola), Chair of the 3GPP2 Steering Committee.

**2 Attendance Registration**

The Secretary circulated the attendance sheet ([SC-20010419-002r1](#)). Attendees were asked to correct/add information as necessary. The updated attendance sheet has been posted to the ftp site as [SC-20010419-002r2](#).

**3 Quorum Establishment/Call for Proxies**

Twenty-nine of the 32 organizations (IMs, OPs, MRPs) on the quorum list were present, constituting quorum for this meeting.

**4 Approval of the Agenda**

A number of modifications were proposed and made to the agenda. The final approved agenda is posted as: [SC-20010419-001r5](#).

**5 Contribution Assignment and Status**

The Chair introduced document [sc-20010419-000r1](#). New contributions submitted at the meeting were posted to the server and added to the document list. The final document list for the meeting is posted on the ftp site (<ftp://ftp.3gpp2.org>) as: [sc-20010419-000r4](#).

**6 Review Meeting Summary from Previous Meeting**

Attendees were invited to provide comments on the summary of the last meeting as presented in document [SC-20010419-003](#). No comments were submitted and the report was duly approved.

**DECISION 2001/04-01**

The Steering Committee approves the meeting summary of the February 2001 SC meeting as presented.

**7 MRP Reports**

7.1 CDG

Mr. Sam Samra provided a report on CDG activities as presented in contribution [SC-20010419-020](#).

Discussion following the presentation included the following points:

- Mr. Dan Bart (TIA) reminded the group that TIA has registered “cdma2000” as a trademark. Partners are invited to use the trademark as desired. TIA has elected to charge a one-time licensing fee from those requesting the to use the trademark.
- In connection with the technology forum taking place in Vancouver, BC on April 30, it was clarified that the demonstrations are open to all attendees.
- With regard to CDG information on global roaming, it was explained that information exists on the CDG web site but has not been compiled in a single area. This effort is currently under way. In addition, in the June time frame it is anticipated that the web site will include information on which countries have roaming arrangements with others.
- For PR purposes the CDG recommends using CDMA2000 to represent IS-2000 level technology. It was added that this is a recommendation for voluntary implementation aimed at reducing confusion in the press and aiding understanding outside of the community.

7.2 MWIF

Mr. Rich Robinson (Sprint PCS) presented the report of MWIF activities as contained in report [SC-20010419-031](#).

There were no questions for clarification

7.3 WMF

No WMF report was presented.

## 8 Liaison Reports

### 8.1 OHG

Mr. Vino Vinodrai (Bell Mobility) presented the report on OHG activities. Points made include the following:

- At their last meeting the OHG sent a letter to the ITU-T Special Study Group on all-IP issues, specifically differences between 3GPP and 3GPP2 developments in this area. The OHG recommends that 3GPP and 3GPP2 coordinate their activities in this area more closely.
- The OHG is also working on a vision statement from an operator's perspective, which is due to be completed summer 2001.

### 8.2 TIA TR45

Mr. Jean Alphonse (Lucent Technologies), Chair of TIA TR45.5, presented the report on TIA TR45 activities contained in contribution [SC-20010419-013](#). Discussion included the following:

- It was explained that the exhaust date for ESNs is looming closer than expected. TIA has been requested to draft a letter to the FCC to request re-use of ESNs assigned ten years ago or earlier. This is a measure to reclaim ESNs in an effort to push back the projected exhaust date.
- In addressing the impact on the existing AMPS market of the FCC removal of the AMPS standard from Part 22 it was explained that restrictions on ESN would also be part of this NPRM (notice for proposed rule making). There is speculation that the NPRM could possibly remove restrictions on ESNs so the aforementioned letter to the FCC may be redundant. As of the present time this is still speculation so TIA is moving ahead with the letter to the FCC.
- It was also explained that this action by the FCC will extend the ESN exhaust date but by how much is not known.
- Regarding the impact to 3GPP2 of additional activity by TIA TR45.5. on 1xEV-DV, it was explained that TSG-C is reviewing the 1xEV-DV schedule and that such a schedule is expected at TSG-C's May meeting.

### 8.3 WAP Forum

Mr. Mark Lipford (Sprint PCS) introduced the report of WAP Forum activities contained in contribution [SC-20010419-014](#).

There were no questions for clarification.

## **9 TSG Reports**

### 9.1 TSG-A

Mr. George Turnipseed (Sprint PCS) introduced the report of TSG-A activities contained in contribution [SC-20010419-004](#). Discussion following the report included a request that TSG-A update their terms of reference to include V&V activities per the discussion at the previous SC meeting.

#### **ACTION 2001/04-01:**

TSG-A is to update their terms of reference to include V&V activities.

### 9.2 TSG-C

Mr. Jean Alphonse, TSG-C Chair, introduced the report on TSG-C activities contained in contribution [SC-20010419-005](#). Discussion following the report included the following points:

- Regarding the 1xEV-DV timeline, it was reiterated that a schedule is expected at the close of the May meeting.
- In general, the SC Chair expressed a need throughout all TSGs to align capabilities and deliverables, and to provide information on when they will be provided. This will lead to a system release that puts all the pieces together for any operator to deploy their networks. Although components may be available in one specification, this does not mean that full capabilities are deployable if other related specifications are not yet available.

#### **ACTION 2001/04-02:**

Regarding the 1xEV-DV development timetable, TSG-C is to provide the Steering Committee with an estimate of how much time each of the TSG-C working groups will need to complete their segments from the point when WG5 completes its technology evaluation process. In addition, TSG-C is to contact each of the proponents requesting that they provide all information to the working groups to help with this process. The resulting time-line is to be made available to the Steering Committee via the SC email reflector.

- TTA warned against developing a family of standards on 1xEV-DV technologies and that a single merged standard is what is needed. The TSG-C Chair agreed that the aim is to produce a single quality standard.

### 9.3 TSG-N

Ms. Betsy Kidwell (Lucent Technologies), Chair of TSG-N, presented the report on TSG-N activities contained in contribution [SC-20010419-006](#). Discussion included the following points:

- In discussing the TSG-N terms of reference currently up for approval by the Steering Committee, the TSG-N Chair indicated that a line item would be added to highlight V&V activities.
- Discussion continued on the definition of “core network” as written in the proposed terms of reference, particularly with regard to differentiating this from the activities of TSG-P. Discussion on TSG-N terms of reference was deferred to agenda item 11.1

### 9.4 TSG-P

Mr. Haeng Koo (Samsung), Chair of TSG-P, presented the report on TSG-P activities as contained in contribution [SC-20010419-007](#).

There were no questions for clarification.

### 9.5 TSG-S

Mr. Rich Robinson, Chair of TSG-S, presented the report on TSG-S activities as contained in contribution [SC-20010419-008](#), during which it was announced that Mr. Juncheol Lee of Korea Telecom Freetel was appointed to fill the open TSG-S Vice Chair position.

Mr. Mark Lipford was requested to provide the report on the activities of the TSG-S All IP ad hoc contained in contribution [SC-20010419-008A](#). There were no questions for clarification.

Mr. Scott Migaldi (Motorola), Chair of the TSG-S ad hoc on UIM-ID administration, presented the report on this group’s activities as contained in contribution [SC-20010419-008B](#). Discussion on this issue included the following:

- UIM ID administration goes beyond cdma2000 technology and needs to be publicized as quickly as possible.

- The UIM ID ad hoc was able to establish a UIM ID guideline document but a number of questions remain open such as who will handle the administrative process, and what fee will be assessed.
- A question was raised from the partners as to the appropriateness of 3GPP2 tackling these administrative details given that the scope of 3GPP2 is to develop specifications. Consequently, further discussion on this issue was deferred to the next day's Organizational Partners meeting.

Mr. Robinson introduced the idea of a 3GPP2 vision document as outlined in contribution [SC-20010419-008F](#), an initiative supported by the a number of the Project's partners and the SC Chair as an internal initiative.

## 10 Review of 3GPP2 2001 Work Program

Mr. Bob Plunkett (Quicksilver Technologies), Chair of the TSG-S Project Management Team, presented the latest version of the 3GPP2 work plan contained in contribution [SC-20010419-009](#), which was approved by the Steering Committee.

### **DECISION 2001/04-02:**

The Steering Committee approves version 24 of the 3GPP2 work plan as presented in contribution [SC-20010419-009](#).

The SC Chair suggested that the work plan be expanded to include an idea of a release schedule.

### **ACTION 2001/04-03:**

TSG-S to create a release schedule comprising of estimated timeframes for 3GPP2 system deliverables. As a starting point, for presentation at the next meeting, TSG-S is to provide a list of work items due to be completed by the end of 2001.

## 11 Old Business

### 11.1 Approval of TSG-N terms of reference (Action 2001/02-02)

Ms. Betsy Kidwell presented the updated TSG-N terms of reference as shown in contribution [SC-20010419-006](#), which have been amended to include reference to V&V activities. There was no objection to approving the TSG-N terms of reference as amended.

### **DECISION 2001/04-03:**

To approve the TSG-N terms of reference as modified to include V&V activities.

**ACTION: 2001/04-04**

Secretariat to update the TSG-N terms of reference on the 3GPP2 web site.

11.2 Approval of TSG-P terms of reference (Action 2001/02-03)

Mr. Haeng Koo presented the updated TSG-P terms of reference as included in contribution [SC-20010419-007](#) and requested that the Secretariat edit the terms of reference to insert the missing reference to V&V activities. There was no objection to approving the TSG-P terms of reference as presented.

**DECISION 2001/04-04:**

To approve the TSG-P terms of reference as modified to include V&V activities.

**ACTION: 2001/04-05**

Secretariat to insert missing reference to V&V activities and to update the TSG-P terms of reference on the 3GPP2 web site.

**11.3 TSG Coordination ad hoc group (Action 2000/11-02)**

Mr. Bob Plunkett, Chair of the SC TSG Coordination ad hoc group, presented the outcome of the group's activities as contained in contribution [SC-20010419-029](#), and requested that the Steering Committee approve the output and recommend that the text in **bold** be remanded to the Organizational Partners with a recommendation that the OP Working Procedures ad discuss and implement appropriate changes to the WPD.

The Chair applauded the efforts of the TSG Coordination ad hoc group. In light of new coordination proposals to be discussed at this meeting, the Chair deferred disbanding the ad hoc group until conclusion of these discussions.

TSG chairs were asked to provide input on the proposed plan.

- The TSG-A chair expressed general agreement with the principles contained in the recommendation but requested that the PMT appreciate the natural delays in the TSG-A process and the challenges therein.
- The TSG-C chair agreed with the principles in the document but requested that he be given the opportunity to take it back to TSG-C for further comment before expressing full agreement.
- The TSG-N chair expressed suspicion that the document would not have the full support of TSG-N at the present time.
- The TSG-P Chair agreed with the recommendations in principle but requested that they be considered in the context of the new coordination proposal on the table at today's meeting.

- The TSG-S Chair expressed full support of the recommendations contained within the output of the ad hoc.

The SC Chair emphasized that full buy-in is needed from the TSG leadership and expressed disappointment at not hearing such buy-in. Given the fact that the proposal was approved by the TSG coordination ad hoc, and that, as any process-related issue, there is always room for further refinement and improvement, it was concluded that there is a need to move this issue along. Consequently, the Chair asked if there was any objection to the Steering Committee endorsing the output of the TSG Coordination ad hoc. No objection was voiced.

**DECISION 2001/04-05:** The Steering Committee endorses the output of the TSG coordination ad hoc, as presented in contribution [SC-20010419-029](#).

**ACTION: 2001/04-06**

The Steering Committee remands the endorsed output of the TSG coordination ad hoc ([SC-20010419-029](#)) to all TSGs for action.

11.4 UIM ID Issues – Update (Action 2001/02-07)

Mr. Scott Migaldi, Chair of the UIM ID ad hoc under TSG-S, reminded attendees of the discussion held under agenda item 9.5.

11.5 Cooperation with IETF

The Chair informed attendees that the IETF's IESG group is currently reviewing the cooperative agreement RFC between 3GPP2 and the IETF.

11.6 – Cooperation with ITU

The Chair introduced the following ITU-related documents:

- [SC-20010419-016](#)  
IMT-2000 Project Management Announcement
- [SC-20010419-017](#)  
IMT-2000 Liaison Statement – Vocabulary of Terms for IMT-2000
- [SC-20010419-018](#)  
Update Procedure for Revisions of Recommendation ITU-R M.1457 (Detailed specifications of the radio interfaces of IMT-2000)
- [SC-20010419-019](#)  
List of comments on the received input contributions containing material for revision 1 of recommendation ITU-R M.1457

The chair recommended that both contributions [SC-20010419-018](#) and contribution [SC-20010419-019](#) be remanded to TSG-C for further action.



It was suggested that 3GPP2 pursue sending a liaison to ITU-R WP8F meetings. Considerable time was spent discussing what the role should be and what could and could not be contributed on behalf of 3GPP2 directly. The Chair reminded attendees that 3GPP2 governance does contain stipulations with regard to ITU relationships. It was decided that this issue should best be discussed by the 3GPP2 Organizational Partners.

## 12 New Business

### 12.1 ITU-T SSG Correspondence

The Chair introduced contributions:

- **SC-20010419-011**  
Request for information for proposed ITU-T technical report being developed by the special study group on “IMT-2000 and Beyond”
- **SC-20010419-012**  
Request for information for proposed ITU-T recommendations being developed by the special study group on “IMT-2000 and Beyond”

and indicated that he had drafted a preliminary response contained in contribution **SC-20010419-026**.

Mr. Y.K. Kim, in his role as ITU-T SSG Vice Chair, expressed appreciation for 3GPP2’s efforts but did confirm that responses back to the SSG on questions 1 and 3 as presented in the two contributions above were due by the end of April 2001.

Discussion yielded the fact that a number of 3GPP2 documents already exist that could assist the ITU-T SSG in its efforts, namely:

- Version 24 of the work plan as approved at today’s meeting – related to question 1.
- Contribution **SC-20010419-008D** – related to question 1
- Contribution **SC-20010419-008E** – related to question 3.

### 12.2 – AHG on Possible 3GPP2 TSG Restructure

Mr. Rich Robinson presented Sprint PCS contribution **SC-20010419-015** recommending that the Steering Committee set up an ad hoc group to examine the current TSG structure and recommend a possible restructuring.

Considerable discussion ensued during which it was suggested that this document may be premature in light of the findings of the TSG coordination ad hoc. It was

suggested that the resulting procedural changes from this ad hoc's findings be given a while to implement themselves before TSG restructure be discussed, possibly at the next SC/OP meeting.

Mr. Robinson provided further justification for the proposal, in which he explained that the current structure of the TSGs was established based on a pre-IP wireless network design. The framework consequently matches an architecture that is legacy. When migrating to an all-IP architecture, it may be discovered that our technical work does not match the architecture any more – so reorganizing the TSGs will deliver a better solution.

Given the lack of support for the proposal from Sprint PCS, the Steering Committee decided not to pursue the establishment of an ad hoc to look into possible TSG restructure.

### 12.3 CAMS Information

Discussion on this issue was deferred to the April 20 3GPP2 OP meeting.

### 12.4 – Documentation JEM Information

Discussion on this issue was deferred to the April 20 3GPP2 OP meeting.

### 12.5 – 3GPP2 SC Contribution from TTA – Symposium for cdmaOne and cdma2000 - International Roaming Facilitation

Dr. K.J. Wee (TTA), presented contribution [SC-20010419-025](#) requesting 3GPP2 support of a TTA-led symposium for cdmaOne and cdma2000 international roaming facilitation tentatively scheduled for October 18 & 19 2001 in Seoul, Korea. No financial support is being requested. If approved, symposium literature will carry the endorsement and logo of 3GPP2.

The Steering Committee considered the request and approved support of the symposium.

### **DECISION 2001/04-06**

The Steering Committee endorses the Symposium for cdmaOne and cdma2000 international roaming facilitation as presented by TTA

### 12.6 Cooperative Orthogonal Planning (Co-OP) Process

Discussion on this issue was deferred to the April 20 3GPP2 OP meeting.

### 13 Assignments for Next Meeting

The actions captured at this meeting are as follows:

**ACTION 2001/04-01:**

TSG-A is to update their terms of reference to include V&V activities.

**ACTION 2001/04-02:**

Regarding the 1xEV-DV development timetable, TSG-C is to provide the Steering Committee with an estimate of how much time each of the TSG-C working groups will need to complete their segments from the point when WG5 completes its technology evaluation process. In addition, TSG-C is to contact each of the proponents requesting that they provide all information to the working groups to help with this process. The resulting time-line is to be made available to the Steering Committee via the SC email reflector.

**ACTION 2001/04-03:**

TSG-S to create a release schedule comprising of estimated timeframes for 3GPP2 deliverables. As a starting point, for presentation at the next meeting, TSG-S is to provide a list of work items due to be completed by the end of 2001.

**ACTION: 2001/04-04**

Secretariat to update the TSG-N terms of reference on the 3GPP2 web site.

**ACTION: 2001/04-05**

Secretariat to insert missing reference to V&V activities and to update the TSG-P terms of reference on the 3GPP2 web site.

**ACTION: 2001/04-06**

The Steering Committee remands the endorsed output of the TSG coordination ad hoc ([SC-20010419-029](#)) to all TSGs for action.

### 14 Date of Next Meeting

The next 3GPP2 Steering Committee meeting will be held at the Hilton Hotel in Seoul, Korea on July 26, 2001. Logistical information concerning the meeting will be provided shortly.

### 15 Adjournment

The meeting was adjourned at 7:00pm