

1 **Title:**

2 Approved Summary of 3GPP2 TSG-C Meetings for 4-8 December 2000 in Kauai, HI

3 **Source:**

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5 SECRETARY

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8 **Abstract:**

9 This document is a summary of the 3GPP2 TSG-C meetings which were held during the period
10 4-8 December 2001 in Kauai, HI.

11 **Recommendation:**

12 Review and adopt.

13

14 **Notice:**

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1 During the period of 4-8 December 2000, meetings of 3GPP2 TSG-C were held at the Sheraton Kauai
2 in Kauai, HI. This document is intended to summarize those proceedings.

3

4 OPENING PLENARY

5 1. CALL TO ORDER AND OPENING REMARKS: The meeting was called to order at
6 9:00 AM local time on 4 December 2000 by TSG-C Chair, Jean Alphonse (Lucent).

7 Based on the historically strong participation to meetings in Hawaii, the group agreed without
8 objection to consideration of changing the location of the March 2001 meeting from Seattle,
9 WA to collocated with other TSGs in Maui.

10 The Chair noted that the year 2001 meeting schedule as approved by the recent leadership
11 meetings (C00-20001204-004) was noted as FYI.

12 The Chair also stated that the primary goal for this week was to complete all preparatory work
13 on Release B so that the baseline text can be approved on 5 January 2001 as scheduled.

14 The Chair transferred the activities of the Location Services AdHoc from WG2 to WG1.

15 2. ATTENDANCE REGISTRATION AND ROLL CALL: A roll call of companies indicated
16 that 29 companies included on the list of 30 active members were present and thus quorum was
17 established (97% participation).

18 3. INTRODUCTION AND NUMBERING OF CONTRIBUTIONS: Contributions were
19 loaded onto the 3GPP2 website and listed in the document register (C00-20001204-000).

20 4. AGENDA APPROVAL: The proposed agenda (C00-20001204-001) was presented and
21 approved without objection as submitted.

22 5. ASSIGNMENTS OF CONTRIBUTIONS TO AGENDA ITEMS: Contributions were
23 assigned to agenda items.

24 6. APPROVAL OF PREVIOUS MEETING SUMMARY: The summary for the October
25 meeting in Kyoto, Japan (C00-20001204-002) was presented and approved without objection
26 as submitted.

27 The summary of the interim Plenary conference call of 27 November 2000 (C00-20001204-
28 003) was presented and approved without objection as submitted.

29 7. CORRESPONDENCE: None.

30 8. LIAISON REPORT:

- 31 • An unofficial summary of the 3GPP2 OP meeting which was held on 3 November 2000
32 (C00-20001204-021) was presented by the Secretary as FYI.

- 1 • An unofficial summary of the 3GPP2 SC meeting which was held on 2 November 2000
2 (C00-20001204-020) was presented by the Secretary as FYI.
- 3 • The 3GPP2 workplan v22 and line item descriptions v1.3 (C00-20001204-
4 022) were remanded from the SC. This contribution was remanded to WG1
5 for review and action as appropriate.
- 6 • The 3GPP2 All IP AdHoc output documents (C00-20001204-023) were
7 remanded from the SC. This contribution was remanded to WG1 for review
8 and action as appropriate.
- 9 • An unofficial summary of the TIA TR45 meeting which was held on 29-30 November
10 2000 (C00-20001204-021) was presented by the Secretary as FYI.
- 11 • Correspondence from TSG-N dated 17 November 2000 regarding 1xEV-DO
12 authentication (C00-20001204-005) was presented. This correspondence indicated
13 that “based on (the TSG-N) lack of understanding”, there will be no ANSI-41 network
14 involvement in 1xEV-DO terminal authentication. This contribution was designated as
15 FYI.
- 16 • Correspondence dated 28 November 2000 to TSG-S from TSG-N regarding TSG-N
17 completion of UIM (N.S0003) revision (C00-20001204-018) was presented. This
18 correspondence and the associated specification were remanded to WG1 as FYI.
- 19 • Correspondence dated 28 November 2000 to TSG-S from TSG-N regarding TSG-N
20 completion of WIN Phase II (N.S0004) revision (C00-20001204-019) was
21 presented as FYI.
- 22 • The TSG-S Liaison report (C00-20001204-024) was presented as FYI. S.P0031
23 LDRD v0.2 (C00-20001204-025) was remanded to review and comment by the
24 closing Plenary.

25 9. OLD BUSINESS

- 26 • 1xEV-DV PROPOSALS
- 27 • The iflex-DV proposal for 1xEV-DV (C00-20001204-009) was presented by
28 Nortel Networks. The highlights of this proposal were noted as follows:
- 29 • Forward Link uses Code Division Multiplexing within Time Division
30 Multiplexing
- 31 • Forward link flexible slot scheduling and multi-user slots
- 32 • Some impacts to reverse link capacity relative to 1xRTT allowed where
33 significant improvement in forward link capacity results
- 34 • Recognize need for higher forward link throughput for asymmetric
35 services
- 36 • Turbo coding for both voice and data
- 37 • Enhanced access channel to improve reverse link capacity

- 1 • Rely on improving technologies in BTS modem design to recoup air
2 interface impact to reverse link capacity and more
- 3 • Bit rate for Channel Estimate (CHE) and Sector Select (SS) reduced
4 relative to 1xEV-DO DRC

5 This contribution was remanded to WG5 for deliberation and action as
6 appropriate.

- 7 • An overview of Practical Subscriber Unit Adaptive Antenna Array Feasibility
8 and Performance Use with DMM (Differential Measurement Metric) (C00--
9 20001204-011) was presented by Tantivy Communications. This overview
10 presented the Tantivy 1xEV-DV component technology proposal for DMM
11 multiplexed into the Forward Power Control Sub-Channel (C00-20001204--
12 010). The contributor stressed that this proposal was intended to be the basis
13 of steering an antenna array and not the structure of the array itself. ***During***
14 ***the presentation, it was noted that the presentation slides included a***
15 ***“Tantivy Confidential” notation in the footer. The contributor noted***
16 ***that this label could be ignored by 3GPP2 participants and all future***
17 ***presentations would not include such labeling.*** These contributions
18 remanded to WG5 for deliberation and action as appropriate.
 - 19 • A presentation of QUALCOMM’s 1xEV-DV study (C00-20001204-012)
20 was submitted by QUALCOMM. This contribution detailed QUALCOMM’s
21 1xEV-DV framework proposal and other issues for consideration in the
22 1xEV-DV specification development effort. Their overview indicated the
23 following:
 - 24 • Enhanced scheduling of leftover resources
 - 25 • Higher peak data rates on forward and reverse links
 - 26 • Incremental redundancy
 - 27 • Explicit rate indication on reverse link
- 28 This contribution was remanded to WG5 for deliberation and action as
29 appropriate.
- 30 • A presentation on Correlation-aided Distributed Sample Acquisition (CDSA)
31 entitled “CDSA: A Fast and Robust PN Code Acquisition Scheme for Cellular
32 DS/CDMA Application” (C00-20001204-014) was submitted by LG
33 Electronics. The goal of this strategy was stated as the design of non-coherent
34 (or Differentially-coherent), rapid, and robust acquisition/cell-search schemes
35 with minimal complexity by employing generalized state loading techniques.
36 A second presentation on “Unequal Protected Video Coding” (C00-
37 20001204-015) was also presented by LG Electronics. This contribution
38 presented a strategy which was characterized as a robust dual-priority video
39 partitioning method suitable for twin-class unequal protected video transmission
40 over wireless channels.

- 1 A third presentation on a multiple access scheme using spread ALOHA (C00-
2 20001204-016) was also presented by LG Electronics. This contribution
3 presented an overview of spread Aloha.
- 4 These three contributions were indicated to comprise the core of a framework
5 proposal being presented by LGE.
- 6 • The Chair asked if there were any additional 1xEV-DV framework proposals
7 to be considered. Hearing none, the Chair declared the invitation to submit
8 1xEV-DV framework proposals to be closed.
 - 9 • 1xEV-DO and RELEASE B ISSUES
 - 10 • A proposal for adding a Neighbour List pointing to 1x-EV-DO (IS-856) in
11 IS-2000 rev B (C00-20001204-006) was presented by Ericsson. This
12 contribution was remanded to WG2 for action.
 - 13 • A contribution on “Neighbor list for IS-2000 indicating the presence of
14 1xEV-DO” (C00-20001204-007) was presented by Ericsson. This
15 contribution was remanded to WG2 for action.
 - 16 • A contribution entitled “Leading role for 1xEV-DO network specifications”
17 (C00-20001204-009) was presented by Ericsson. The contributor indicated
18 that this contribution would be submitted to both TSG-S and TSG-A for action
19 and it should be considered as FYI only by TSG-C.
 - 20 • C.S0022-0-1 Position Determination Services Addendum (C00-20001204-013) was
21 presented by the V&V Chair. This document was approved without objection for
22 publication and was liaised to TR45.5 for TIA SDO action as required.
 - 23 • ITU ISSUES:
 - 24 • A contribution which recommended that TSG-C take immediate action to begin
25 the process of seeking ITU-R approval for 1xEV-DV (C00-20001204-027)
26 was presented by Motorola. The intent of this proposal was to insure that
27 1xEV-DV is obtains ITU standard status during year 2001 since delay in the
28 ITU approach would cause the ITU approval to also be delayed until 2002.
29 This contribution was held open at the Plenary level pending availability of
30 1xEV-DV information from WG5.
 - 31 • A contribution on update procedure for revisions of recommendation ITU-R
32 M.1457 (RSPC) (C00-20001204-028) was presented by the TSG-C RSPC
33 Coordinator, Yunsong Yang (Lucent). The contributor recommended that
34 RSPC revision material be supplied for the fourth meeting of ITU-R WP 8F in
35 Morocco during the period of 21-27 February 2001. This contribution was
36 remanded to WG3 for action by the closing Plenary of the January 2001.

- 1 • A contribution on the ITU-R IMT.UNWANT Status from ITU-R WP 8F WG
2 CIRCULATION Report (C00-20001204-029) was presented by the TSG-C
3 RSPC Coordinator, Yunsong Yang (Lucent). This contribution indicated that
4 WP 8F plans to complete the PDNR IMT.UNWANT during its June 2001
5 meeting. This contribution was remanded to WG4 for action by the closing
6 Plenary of the January 2001.
- 7 • A contribution on input of 1xEV standard into ITU-R WP 8F (C00-
8 20001204-030) was presented by CDG. This contribution summarized some
9 of the more significant upcoming milestones for ITU-R and WP 8F. It also
10 provided recommendations for actions by 3GPP2 OPs and TR45.5. This
11 contribution was held open at the Plenary level.
- 12 • A contribution on “Cooperation of basic Operators” from ITU-T SG 16
13 (C00-20001204-031) was presented. This contribution related to working
14 tools for codec operations. This contribution was remanded to WG1 for
15 review and action as appropriate.
- 16 • A contribution entitled “Progress on variable bit rate voice question” (C00-
17 20001204-032) was presented. This contribution related to working tools for
18 codec operations. This contribution was remanded to WG1 for review and
19 action as appropriate.
- 20 10. WORKING GROUP REPORTS: The report of WG4 (C00-20001204-017) was presented
21 by the WG4 Vice Chair, Dave Whipple (Agilent Technologies), as FYI. The Vice Chair stated
22 his belief that ARIB comments delivered in Kyoto had been addressed in the recent ballot
23 versions of the Minimum Performance Specifications. However, the response correspondence
24 is still outstanding and must be addressed ASAP.

25 This session was recessed at 4:00 PM local time.

26

27 CLOSING PLENARY

28 The meeting was reconvened on 8 December 2000 at 8:30 AM local time.

29 8. LIAISON REPORTS (continued)

- 30 • The TSG-S Liaison Report (C00-20001204-108) was presented by the TSG-S Liaison as
31 FYI.
- 32 • Correspondence from TSG-S dated 7 December 2000 regarding inconsistencies
33 between cdma2000 character set references and the character set references in the
34 SMS specification (C00-20001204-110) was presented. This correspondence was
35 remanded to WG1 for inclusion in their year 2001 workplan.
- 36 • Correspondence from TSG-S to all TSGs dated 7 December 2000 regarding Release
37 C planning (C00-20001204-111) was presented. This correspondence was remanded
38 to all WGs as FYI.

- 1 • Correspondence from TSG-S to TSGs A, C, and N dated 7 December 2000
2 regarding 1xEV-DO coordination (C00-20001204-112) was presented. This
3 correspondence was remanded to all WGs as FYI.
- 4 • The terms of reference for the new TSG-S All IP AdHoc (C00-20001204-113) was
5 presented as FYI.
- 6 • Proposed correspondence to the 3GPP2 SC Chair from TSGs C and S regarding UIM
7 ID issues (C00-20001204-109) was presented and reviewed in detail. This
8 correspondence was approved for transmission as modified by the discussion (C00-
9 20001204-109R1).
- 10 • Correspondence from the SC Chair directing TSG leadership elections (C00-20001204-107)
11 was presented and reviewed. As a result of this correspondence, the Chair directed milestones
12 for the consideration of new TSG leadership, as indicated below.
- 13 9. OLD BUSINESS (continued): None additional.
- 14 10. WORKING GROUP REPORTS (continued):
- 15 • WG1 REPORT: The WG1 report (C00-20001204-101) was presented by the WG1 Chair,
16 Phil Brown (Ericsson) as FYI.
- 17 • Created SWG1.6 for Location Related Services and appointed John Gabor (SiRF
18 Technologies) as Chair. Terms of reference were also approved.
- 19 • Met jointly with TSG-S to discuss UIM ID. Meeting summary (C00-20001204-118)
20 was noted as FYI.
- 21 • Included Rescue Channel as a mandatory Release B capability.
- 22 • Reviewed draft text for C.P9007 Video Streaming Services. The draft (C00-
23 20001204-117) was noted as FYI.
- 24 • Formed an AdHoc to consider Service Option group. Bob Marks (Lucent) was
25 named as the AdHoc Chair.
- 26 • Noted that a general 1-month slip in the SMV publication schedule was likely.
- 27 • Mitch Tseng (Nokia) announced his resignation as WG1 Vice Chair. Craig Greer
28 (Nokia) was named as his replacement.
- 29 • Ken Wells (Motorola) was appointed as SWG1.4 Chair.
- 30 • Considering a new TSG-C workplan scheme based on three (3) independent
31 categories of documents:
- 32 • Core air interface
- 33 • Test and minimum performance requirements
- 34 • Application services

- 1 Proposed correspondence to EC-SCP regarding issues related to the evolution from
2 GSM11.11 to TS 102.221 (C00-20001204-114) was presented. This contribution was
3 approved without objection for transmission as modified for a single format error.
- 4 • WG2 REPORT: The WG2 report (C00-20001204-102) was presented by the WG2 Chair,
5 Orlett Pearson (Lucent) as FYI.
 - 6 • Contributions from LGE related to CCSH (Code Combining Soft Handoff) and Signaling
7 Support for Flexible Data Rate, Variable Data Rate for Turbo Codes are being held at
8 the WG2 level because of the lateness of their submission. They will be reviewed in
9 conjunction with V&V of Release B text.
 - 10 • WG2 will be unable to complete AKA text for Release B so it will be withdrawn from
11 the Release B workplan.
 - 12 • Review of AES will continue at the next meeting.
 - 13 • Regarding TR45 ESN reuse proposal, no changes to L3 signaling will be required.
 - 14 • Neerav Dalal (Samsung) has resigned as WG2 Vice Chair.
 - 15 • Proposed correspondence to TSG-S regarding the LDRD Stage 1 (C00-20001204-
16 116) was presented. This contribution was approved for transmission to TSG-S
17 pending the addition of the address of the TSG-S Chair.
 - 18 • WG3 REPORT: The WG3 report (C00-20001204-103) was presented by the WG3 Chair,
19 Ed Tiedemann (QUALCOMM) as FYI.
 - 20 • The Motorola proposal for call recovery (i.e., rescue channel) has been adopted by
21 WG3.
 - 22 • All Release B issues for WG3 have now been completed.
 - 23 • QPCH soft handoff will be jointly developed between WG2 and WG3.
 - 24 • Two (2) ITU-R fact sheets (C00-20001204-103A and C00-20001204-103B) were
25 prepared for submission to the US delegation. These documents were approved for
26 liaison to TR45.5 for this purpose.
 - 27 • A suggestion was made to get CDG to become more active in processing submissions
28 to ITU-R. The ITU-R AdHoc Chair was directed to coordinate with CDG.
 - 29 • WG4 REPORT: The WG4 report (C00-20001204-104) was presented by John Gabor
30 (SiRF Technologies) as FYI.
 - 31 • Formed SWG4.3 for Location Test and named Dave Whipple (Agilent Technologies)
32 as the interim Chair.
 - 33 • FCC has mandated the location services must be deployed by system operators by 1
34 October 2001.

- 1 • WG5 REPORT: The WG5 report (C00-20001204-105) was presented by the WG5
2 Co-Chair, Ed Tiedemann (QUALCOMM) as FYI.
- 3 • Decision Criteria AdHoc is nearing completion of its development of a criteria matrix
4 and expecting to be finished in the very near future.
- 5 • Performance Evaluation AdHoc work is still in process and may be running
6 approximately one (1) month behind schedule.
- 7 11. NEW BUSINESS:
- 8 • The Chair directed the following actions for consideration of new TSG leadership:
- 9 • TSG-C participants were encouraged to submit their nominations for TSG-C Chair,
10 Vice Chair, or to be considered for both positions by 5 January 2001. Nominations
11 should be broadcast to the TSG-C e-mail exploder.
- 12 • Elections for both Chair and Vice Chair(s) will be held on Monday 15 January 2001 to
13 review TSG-C Chair nominations.
- 14 • A final call for nominations for TSG-C Chair will be held but then nominations
15 for Chair will be closed. TSG-C will then elect a TSG-C Chair.
- 16 • A final call for nominations for TSG-C Vice Chair will be held but then
17 nominations for Vice Chair will also be closed. TSG-C will then elect the
18 TSG-C Vice Chair.
- 19 The following management process will used.
- 20 • If there is only a single candidate, that candidate will be approved by acclamation.
- 21 • In the case of multiple candidates, votes for Chair and Vice Chair will be conducted by
22 secret ballot.
- 23 • The voting process will be managed by the 3GPP2 Secretariat..
- 24 The new TSG-C Leadership Team will assume their new responsibilities upon confirmation by
25 the 3GPP2 SC.
- 26 • A contribution on TIA TR45 position concerning document references (C00-20001204-115)
27 was presented by Lucent. Regarding the recent TR45 decision against referencing documents
28 in process, this contribution recommended that the V&V group to monitor the progress of this
29 issue. If the TR45 guideline is accepted by TIA, V&V should review new TSG-C
30 specifications for conformance with the guideline. This contribution was held open at the
31 Plenary level for reconsideration at the next meeting.
- 32 12. ASSIGNMENTS: Not explicitly identified.
- 33 13. FUTURE MEETING SCHEDULE:
- 34 • 5 January 2001 Interim Plenary conference call to approve cdma2000
35 Release B

- 1 • 15-19 January 2001 Hilton Mission Valley Hotel in San Diego, CA
- 2 • 12-16 February 2001 Pheonix, AZ
- 3 14. OPEN DISCUSSION AND OTHER BUSINESS: None.
- 4 15. ADJOURNMENT: The Plenary was adjourned on 8 December 2000 at 10:10 PM local time.
- 5

1 A listing of the contributions that were distributed is itemized below:

| NUMBER | SUBJECT | SOURCE |
|--|---|-----------------|
| OPENING PLENARY - 3GPP2-C00-20001204- | | |
| 000 | DOCUMENT REGISTER | SECRETARY |
| 001 | AGENDA | CHAIR |
| 002 | Meeting summary - October 2000 - Kyoto, Japan | SECRETARY |
| 003 | Meeting summary - 27 November 2000 - conference call | SECRETARY |
| 004 | 3GPP2 year 2001 meeting schedule | CHAIR |
| 005 | Correspondence dated 17 November 2000 to TSG-A regarding 1xEV-DO Authentication | TSG-N |
| 006 | Proposing of a neighbor list for 1xEV-DO in IS-2000 rev B | ERICSSON |
| 007 | Neighbor list for cdma IS-2000 indication presence of 1xEV-DO | ERICSSON |
| 008 | Leading role for 1xEV-DO network specifications | ERICSSON |
| 009 | iflex-DV | NORTEL NETWORKS |
| 010 | Proposal for Differential Measurement Metric (DMM) Multiplexed into Forward power control sub-channel | TANTIVY |
| 011 | Practical Subscriber unit Adaptive Antenna Array Feasibility and Performance for use with DMM mode | TANTIVY |
| 012 | QUALCOMM's 1xEV-DV Proposal | QUALCOMM |
| 013 | C.S0022-0-1 Position Determination Services proposed publication text | V&V |
| 014 | CDSA : A Fast and Robust PN Code Acquisition Scheme for Cellular DS/CDMA Application | LGE |
| 015 | Unequally Protected Video Coding | LGE |
| 016 | Multiple Access Scheme Using Spread Aloha | LGE |
| 017 | WG4 report | WG4 |
| 018 | Correspondence to TSG-S dated 28 November 2000 regarding N.S0003 UIM | TSG-N |
| 019 | Correspondence to TSG-S dated 28 November 2000 regarding N.S0004 WIN Phase II Revision | TSG-N |
| 020 | Unofficial summary of 3GPP2 SC meeting - 2 Nov 2000 | SECRETARY |
| 021 | Unofficial summary of 3GPP2 OP meeting - 2 Nov 2000 | SECRETARY |
| 022 | 3GPP2 workplan v22 and line item descriptions | PMT |
| 023 | 3GPP2 All IP AdHoc output documents | SC |
| 024 | TSG-S Liaison Report | TSG-S LIAISON |
| 025 | S.P0031 LDRD Stage 1 | TSG-S |
| 026 | Unofficial summary of TR45.5 meeting - 29 Nov 2000 - Atlanta, GA | SECRETARY |
| 027 | ITU-R input for 1xEV-DV | MOTOROLA |
| 028 | ITU-R RSPC Revision Process | ITU-R LIAISON |
| 029 | ITU-R IMT.UNWANT Status | ITU-R LIAISON |

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|---|--|----------------|
| 030 | Input to WP8F | CDG |
| 031 | Cooperation on basic operators | ITU-T SG 16 |
| 032 | Progress on variable bit rate voice question | ITU-T SG 16 |
| WG1 - APPLICATION SERVICES - 3GPP2-C10-20001204- | | |
| 001 | Draft Agenda | CHAIR |
| 002 | Contribution Status | CHAIR |
| 003 | Meeting Summary #18 (October, 2000) - draft | CHAIR |
| 004 | Corr re: UIM Revision (C00-20001204-018) | TSG-N |
| 005 | 3GPP2 Workplan V22 (C00-20001204-022) | 3GPP2 SC |
| 006 | All-IP documents (C00-20001204-023) | 3GPP2 SC |
| 007 | Cooperation on Basic Operators (C00-20001204-031) | ITU-T SG16 |
| 008 | Progress on Variable Bit Rate Voice Question (C00-20001204-032) | ITU-T SG16 |
| 009 | EP-SCP Liaison Report | EP-SCP LIAISON |
| 010 | Joint Meeting Agenda (with TSG-S UIM-ID AHG) | CHAIR |
| 011 | TSG-C1.4 R-UIM status | TSG-C1.4 |
| 012 | Comments on UIM-ID | CDG |
| 013 | CWTS comments on UIM-ID assignment (Steering Committee version) | CWTS |
| 014 | CWTS comments on UIM-ID assignment (TSG-S/TSG-C version) | CWTS |
| 015 | SWG2 report | SWG2 |
| 016 | Proposed Video Streaming baseline text | SWG2 |
| 017 | SWG3 report | SWG3 |
| 018 | SWG5 report | SWG5 |
| 019 | Proposed SWG6 Terms of Reference | SWG6 |
| 020 | SWG6 report | SWG6 |
| 021 | Service Option grouping | QUALCOMM |
| 022 | SWG4 report | SWG4 |
| 023 | Corr to EP-SCP re: clarification of work items | SWG4 |
| 024 | SWG1 report | SWG1 |
| SWG1.1 - VOICE SERVICES- 3GPP2-C11-20001204- | | |
| 001 | Proposed Agenda for the 3GPP2 TSG-C WG 1 SWG 1 Meeting #15 | CHAIR |
| 002 | Report of the October 2000 TSG-C1.1 Voice Services Meeting | CHAIR |
| 003 | Requirements, Testing and Standardization of the 3GPP2 Selectable Mode Vocoder (Version 1.2) | CHAIR |
| 004 | SMV Post-Collaboration Subjective Test - Interim Host and Listening Lab Report | COMSAT |
| 005 | Fidelity impact of Call Progress Tones on SMV | MOTOROLA |

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|--|--|------------------|
| 006 | SMV Schedule, version 7.1 | CHAIR |
| 007 | Conexant SMV Collaboration Executive Summary Number 5 | CONEXANT |
| 008 | Conexant 40-bit Fixed Point Library Extension | CONEXANT |
| 009 | Zero Algorithmic Delay Noise Preprocessing for the SMV Codec | NOKIA |
| 010 | Cooperation on Basic Operators | ITU |
| 011 | Progress on Variable Bit-rate Voice | ITU |
| 012 | Handling Rate Determination Errors in SMV | QUALCOMM |
| SWG1.2 - VIDEO SERVICES - 3GPP2-C12-20001204- | | |
| 001 | Draft Agenda | CHAIR |
| 002 | Contribution Log | CHAIR |
| 003 | Meeting Report of the Previous Meeting | CHAIR |
| 004 | 3G Video Streaming Services | NOKIA/MOTOROLA |
| 005 | Schedule issues for Video Services | NOKIA |
| 006 | KDDI's Requirement for Video Service Specifications | KDDI |
| 007 | Baseline Text - 3G Video Streaming Services | EDITORS |
| SWG1.3 - DATA SERVICES - 3GPP2-C13-20001204- | | |
| 001 | Agenda | CHAIR |
| 002 | October 2000 Meeting Summary | CHAIR |
| 003 | Contribution Status | CHAIR |
| 004 | Group 3 Fax to Voice Transition | NORTEL |
| 005 | A Preemptive Response to the Expected Liaison Concerning Using a 5 ms Message to Modify Granted Assured QoS Parameter Settings | CHAIR |
| SWG1.4 - ANCILLARY SERVICES AND MS INTERFACES - 3GPP2-C14-20001204- | | |
| 001 | Agenda | CHAIR |
| 002 | Kyoto Meeting Summary | VICE CHAIR |
| 003 | Kauai Contribution Log | CHAIR |
| 004 | EP-SCP Liaison (C10-20001204-009) | CHAIR |
| 005 | Platform for R-UIM Specification | SAMSUNG |
| 006 | SMS Rel B Workplan | QUALCOMM |
| 007 | UIM-ID Assignments | CWTS |
| 008 | EF CDMA Channel Preference (C14-20001023-006 carry over) | CWTS |
| 009 | Draft IS-820 Status for Joint Meeting | CHAIR |
| 010 | R-UIM Rel A Workplan (C14-20000918-005) | NOKIA / MOTOROLA |
| 011 | Proposed Correspondence to EP-SCP | NOKIA |
| 012 | Proposal for OTASP / R-UIM Alignment | GEMPLUS |
| SWG1.5 - WORKPLAN - 3GPP2-C15-20001204- | | |
| 001 | Agenda | CHAIR |
| 002 | Draft Meeting Summary 0010 | CHAIR |

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| 003 | Contribution Status Log | CHAIR |
| 004 | TSG-S 3GPP2 Workplan V22- (C10-005; C00-022) | TSG-S |
| 005 | SMS Release B Work Items | QUALCOMM |
| WG2 - SIGNALING AND PROTOCOL - 3GPP2-C20-20001204- | | |
| 001 | Meeting Agenda | CHAIR |
| 002 | Kyoto Meeting Summary | CHAIR |
| 003 | ACCT Correspondence | SWG2.3 |
| 004 | Contribution Log | CHAIR |
| 005 | Stage 1: LDRD | PLENARY |
| 006 | Proposed correspondence to TSG-S (LDRD) | CHAIR |
| 007 | AKA Stage 2. | LUCENT |
| 008 | Adding a Neighbor List that points to 1xEV-DO | ERICSSON |
| 009 | Neighbor List for IS-2000 indicating presence of 1xEV-DO. | ERICSSON |
| 010 | Summary of Coding Diversity Soft Handoff | LG |
| 011 | Signaling support for Code Combining SHO | LG |
| 012 | Flex Data Rate, Var Data Rate | LG |
| 013 | ACCT Stage 1 | TSG-S |
| 014 | Use of a 5 ms message to modify granted assured QoS Parameter Setting | SWG1.3 |
| SWG2.1 - MAC - 3GPP2-C21-20001204- | | |
| 001 | Draft Agenda | CHAIR |
| 002 | Meeting Summary, 00.10 (Kyoto) | CHAIR |
| SWG2.2 - LAC - 3GPP2-C22-20001204- | | |
| 001 | Meeting Agenda | CHAIR |
| 002 | P rev update for Release B | CHAIR |
| 003 | Solution for LAC issues on r-dsch and f-dsch | LUCENT |
| SWG2.3 - L3 SIGNALING - 3GPP2-C22-20001204- | | |
| 001 | Agenda | CHAIR |
| 002 | Meeting Summary, 10/2000 | CHAIR |
| 003 | Contribution Log | CHAIR |
| 004 | Status of Release B work items in SWG23 | CHAIR |
| 005 | RESERVED | - |
| 006 | Stage 2 of Authentication and Key Agreement (AKA) procedures for cdma2000 Release B. | LUCENT |
| 007 | Adding a Neighbour List pointing to 1x-EV-DO (IS-856) in IS-2000 rev B | ERICSSON |
| 008 | Neighbor list for IS-2000 indicating the presence of 1xEV-DO | ERICSSON |
| 009 | Updated text for CS_SUPPORTED definition | QUALCOMM |
| 010 | Rel A Addendum errors open comments | QUALCOMM |
| 011 | Access Probe Handoff/Access Handoff Procedures | QUALCOMM |

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|---|---|---------------------------------------|
| 012 | Rescue Channels (v2.2 - DRAFT) | MOTOROLA, DENSO |
| 013 | ACCT Stage 1 changes approved by TSG-S WG1 | TSG-S |
| 014 | Committee correspondence reg. AHAG recommendation on Enhanced Subscriber Privacy | VICE-CHAIR AHAG |
| 015 | AHAG Ad Hoc authentication group meeting summary, for September , 2000 - November , 2000 | CHAIR TR45 AHAG |
| 016 | TIA TR45 ESN Administrator's Recommendation | TIA TR45 |
| 017 | Separate Mux Option on FCH and DCCH | LSI LOGIC |
| 018 | Rescue Channel Layer 3 Text Completion | DENSO |
| WG3 - PHYSICAL LAYER - 3GPP2-C30-20001204- | | |
| 001 | Meeting Agenda | CHAIR |
| 002 | Meeting Summary | CHAIR |
| 003 | Contribution List | CHAIR |
| 004 | Handoff Trigger via Access Channel (HTAC) r1 | LUCENT |
| 005 | Rescue Channels, A Technique to Reduce Dropped Calls | MOTOROLA AND DENSO |
| 006 | Rescue Channel Contributions | MOTOROLA |
| 007 | Call Recovery Ad Hoc Report | CHAIR, CALL RECOVERY AD HOC |
| 008 | Comparison matrix (r1) | CHAIR, CALL RECOVERY AD HOC |
| 009 | Revised Procedure for field data based validation of HTAC call recovery procedure | LUCENT |
| 010 | Evaluation of Call Recovery Procedure Success Based on Analysis of Field Data Measurements from Operational CDMA networks | LUCENT |
| 011 | Response to Consolidated comparison matrix | LUCENT |
| 012 | Update Procedure for Revisions of Recommendation ITU-R M.1457 (RSPC) also C00-20001204-028 | LUCENT |
| 013 | Input of 1xEV Standard into ITU-R Working Party 8F also C00-20001204-30 | CDG |
| 014 | Text Proposal for Code Combining Soft Handoff Method | LG ELECTRONICS |
| 015 | Rescue Channels (v2.2 - DRAFT) | MOTOROLA AND DENSO |
| 016 | A preference for drop call reduction technique | KDDI, SPRINT; AND QWEST |
| 017 | Text Proposal for Flexible Data Rate and Variable Data Rate with Turbo Codes | RATE ADAPTATION AD HOC |
| 018 | C.S0002-B | CHAIR |
| 019 | Text Proposal for ERAM and CCSH | RELEASE B TEXT REVIEW AD HOC GROUP |
| 020 | RSPC ad hoc meeting summary | RSPC AD HOC GROUP |
| WG4 - PERFORMANCE - 3GPP2-C40-20001204- | | |
| WG4.1 - PHYSICAL PERFORMANCE - 3GPP2-C41-20001204- | | |

| SWG4.2 - SIGNALING CONFORMANCE - 3GPP2-C42-20001204- | | |
|---|---|---|
| 04-001 | Meeting Agenda | CHAIR |
| 04-002 | Section 1 traceabilities | SPRINT PCS |
| 04-003 | EXTENDED CHANNEL ASSIGNMENT MESSAGE TESTS | MOTOROLA |
| 04-004 | Conference Call Report, Oct 17, 2000 | SPRINT PCS |
| 04-005 | Meeting Report, for Oct 24, 25, 2000 at San Diego | SPRINT PCS |
| 04-006 | Conf Call Report, for Nov 7, 2000 | SPRINT PCS |
| 04-007 | Meeting Report for Nov 13, 14, 2000, Kansas City Mo. | SPRINT PCS |
| 04-008 | Conf Call Report for Nov 21, 2000 | SPRINT PCS |
| 04-009 | Conference Call Report, Oct 3, 2000 | SPRINT PCS |
| 05-001 | Power Ratio specification for Common and Traffic Channels | KYOCERA WIRELESS |
| 05-002 | Erasure Indicator Bit and Quality Indicator Bit | KYOCERA WIRELESS |
| 06-001 | PD and LAC PDU Format Testing | QUALCOMM |
| 06-002 | Settable/Retrievable Parameters Logging Tests | QUALCOMM |
| 06-003 | High Speed Packet Data Tests (Section 10.4) | RACAL |
| 06-004 | Stg2_IS2000_0.2 | QUALCOMM |
| 08-001 | Meeting Report for Dec 5, 6, 2000, Kauai | SPRINT PCS |
| 08-002 | 4.2 Cumulative Contribution List | SPRINT PCS |
| 08-003 | 4.2 Contribution Log for Kauai | SPRINT PCS |
| SWG4.3 - LOCATION TEST - 3GPP2-C43-20001204- | | |
| 001 | Sample Test Procedure for AFLT test | AGILENT |
| WG5 - TECHNOLOGY ASSESSMENT - 3GPP2-C50-20001204- | | |
| 001 | Meeting Agenda | CHAIR |
| 002 | October WG-V Meeting Summary | CHAIR |
| 003 | Contribution List | CHAIR |
| 004 | Evaluation Ad Hoc Meeting Report | CHAIR EVALUATION AD HOC |
| 005 | Evaluation Methodology - Strawman | CHAIR EVALUATION AD HOC |
| 006 | Joint 1XTREME Proposal for 1XEV-DV | MOTOROLA, NOKIA, LSI LOGIC, AND TEXAS INSTRUMENTS |
| 007 | Update on 1XTREME MAC and LAC Proposals | MOTOROLA, NOKIA, LSI LOGIC, AND TEXAS INSTRUMENTS |
| 008 | Air Interface Signaling | MOTOROLA, NOKIA, LSI LOGIC, AND TEXAS INSTRUMENTS |
| 009 | QUALCOMM's DV Proposal: Presentation | QUALCOMM |
| 010 | QUALCOMM's DV Proposal: Text | QUALCOMM |
| 011 | Performance Comparison of Hybrid ARQ for 1X EV-DV | SAMSUNG |

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| 012 | On the Accuracy of Es/Nt in System Level Simulations | SAMSUNG |
| 013 | Preliminary Simulation Results; Video on MCQ Channels with Retransmission | SAMSUNG |
| 014 | List of Text Updates for SAPHIRE | SAMSUNG |
| 015 | Updated Physical Layer Text for SAPHIRE | SAMSUNG |
| 016 | Updated MQC Text for SAPHIRE | SAMSUNG |
| 017 | Updated Hybrid ARQ Text for SAPHIRE | SAMSUNG |
| 018 | "CDSA: A Fast and Robust PN Code Acquisition Scheme for Cellular DS/CDMA Application" | LG ELECTRONICS |
| 019 | Unequally Protected Video Coding | LG ELECTRONICS |
| 020 | Multiple Access Scheme using Spread ALOHA | LG ELECTRONICS |
| 021 | 1XTREME L1 Text | MOTOROLA, NOKIA, LSI LOGIC, AND TEXAS INSTRUMENTS |
| 022 | 1XTREME MAC Text | MOTOROLA, NOKIA, LSI LOGIC, AND TEXAS INSTRUMENTS |
| 023 | 1XTREME L3 Text | MOTOROLA, NOKIA, LSI LOGIC, AND TEXAS INSTRUMENTS |
| 024 | "Development of 1xEV-DV in 3GPP2 TSG-C Working Group 5, Presentation to CWTS, November 9, 2000, Beijing." | QUALCOMM |
| 025 | 1xEV-DV Link Budget | CHAIR, EVALUATION AD HOC |
| 026 | QCOM Criteria Matrix Rev 3 | QUALCOMM |
| 027 | Decision Criteria Ad Hoc Summary Report | CHAIR, DECISION MATRIX AD HOC |
| 028 | Optimal Forward Power Allocation Analysis | LINK AIR |
| 029 | LAS-CDMA Clarifications | LINK AIR |
| 030 | Tantivy Proposal for Differential Measurement Metric (DMM) V3.doc | TANTIVY |
| 031 | Tantivy Array Feasibility V3.doc | TANTIVY |
| 032 | i-FlexDV Proposal | NORTEL |
| 033 | BEP-Based Methods for Estimating Probability of Packet Error | LUCENT |
| 034 | Details of Lucent's 1xEV-DV Forward Link Air Interface Proposal | LUCENT |
| 035 | Details of Asynchronous and Adaptive IR for Lucent's 1xEV-DV Proposal | LUCENT |
| 036 | Scheduling and Transmit Diversity in 1zEV-DV | LUCENT |
| CLOSING PLENARY - 3GPP2-C00-20001204- | | |
| 101 | WG1 Report | WG1 |
| 102 | WG2 Report | WG2 |
| 103 | WG3 Report | WG3 |

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|-----|--|----------------|
| 104 | WG4 Report | WG4 |
| 105 | WG5 Report | WG5 |
| 106 | V&V Report (verbal only) | |
| 107 | Correspondence dated 4 December 2000 regarding leadership direction | 3GPP2 SC CHAIR |
| 108 | TSG-S Liaison Report - 7 December 2000 | TSG-S LIAISON |
| 109 | Proposed correspondence to SC Chair regarding UIM ID issues | TSG-S |
| 110 | Correspondence dated 7 December 2000 regarding multiple character set support in SMS | TSG-S |
| 111 | Correspondence dated 7 December 2000 regarding Release C planning | TSG-S |
| 112 | Correspondence dated 7 December 2000 regarding 1xEV-DO coordination | TSG-S |
| 113 | TSG-S All IP AdHoc terms of reference | TSG-S |
| 114 | Proposed correspondence to EP-SCP regarding clarification of UIM issues | WG1 |
| 115 | TIA TR45 position concerning document references | LUCENT |
| 116 | Proposed correspondence to TSG-S regarding LDRD | WG2 |
| 117 | C.P9007 Video Streaming Services draft baseline text | WG1 |
| 118 | Summary of joint meeting between TSG-S and TSG-C in UIM ID | WG1 |

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STATUS OF SPECIFICATIONS AND REPORTS BEING DEVELOPED BY TSG-C

| REFERENCE | | TITLE | STATUS |
|-------------|----------|--|---|
| 3GPP2 | TIA | | |
| C.P9001 | | SMV (Selectable Mode Vocoder) | Target publication date for SDO ballot = 6/01 |
| C.P9007 | | Video Streaming Service | In development |
| C.P9008 | | Video Conferencing Service | In development |
| C.P9009 | | TTY Minimum Performance Specification | In development |
| C.P9010 | | Base Station Minimum Performance for 1xEV-DO | In development |
| C.S0015-A | IS-637-B | SMS | In development |
| C.S0022-0-1 | IS-801-1 | Position Determination Services Addendum v1 | Published. |

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| 3GPP2 QUORUM ROLL CALL | | | | |
|---|------------------------|------------------------|----------------------------|-------------------------------|
| TSG-C (cdma2000) | | | | |
| December 10, 2000 | | | | |
| COMPANY | Attendance 12/04/00 | Attendance 12/08/00 | Consecutive Mtgs Missed | Quorum Status at Mtg Start |
| 3 COM | | 1 | 1 | 1 |
| 3G-COM WIRELESS | | | 3 | 0 |
| ADVANTEST | 1 | | 0 | 1 |
| AGILENT TECHNOLOGIES | 1 | | 1 | 0 |
| ALCATEL | | | 2 | 0 |
| BELL MOBILITY | 1 | | 0 | 1 |
| CONEXANT | 1 | | 1 | 1 |
| DENSO INTERNATIONAL | 1 | | 1 | 1 |
| DOCOMO US LABORATORIES | 1 | | 1 | 1 |
| DYNASTAT | 1 | | 3 | 0 |
| ERICSSON | 1 | | 0 | 1 |
| FUJITSU | 1 | | 1 | 1 |
| HITACHI | 1 | | 1 | 1 |
| HYUNDAI | 1 | | 1 | 1 |
| KDDI | 1 | | 0 | 1 |
| KYOCERA | 1 | | 0 | 1 |
| LG ELECTRONICS | 1 | | 0 | 1 |
| LINKAIR | 1 | | 0 | 1 |
| LUCENT | 1 | | 0 | 1 |
| MATSUSHITA/PANASONIC | 1 | | 0 | 1 |
| MOTOROLA | 1 | | 0 | 1 |
| NEC | 1 | | 1 | 1 |
| NOKIA | 1 | | 0 | 1 |
| NORTEL NETWORKS | 1 | | 0 | 1 |
| OKI NETWORK TECHNOLOGIES | 1 | | 0 | 1 |
| PHILLIPS | 1 | | 0 | 0 |
| PRAIRIECOMM | 1 | | 0 | 1 |
| QUALCOMM | 1 | | 0 | 1 |
| QUICKSILVER | 1 | | 3 | 0 |
| QWEST COMMUNICATIONS | 1 | | 3 | 0 |
| SAMSUNG | 1 | | 0 | 1 |
| SCHLUMBERGER | 1 | | 1 | 0 |
| SIEMENS | 1 | | 1 | 0 |
| SIERRA WIRELESS DATA | 1 | | 3 | 0 |
| SIRF TECHNOLOGY | 1 | | 0 | 1 |
| SONY | 1 | | 1 | 1 |
| SPIRENT COMMUNICATIONS | 1 | | 0 | 0 |
| SPRINT PCS | 1 | | 0 | 1 |
| TANTIVY COMMUNICATIONS | 1 | | 0 | 0 |
| TEXAS INSTRUMENTS | 1 | | 1 | 1 |
| TOSHIBA | 1 | | 0 | 1 |
| VERANCE | 1 | | 1 | 0 |
| VERIZON WIRELESS | 1 | | 0 | 1 |
| TOTALS | 29 | 1 | | 30 |
| QUORUM CALCULATION | 97% | 3% | | |
| ADDITIONS | | | | |
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| | | | | |
| | | | | |
| OBSERVERS AND GUESTS | | | | |
| AIRPRIME | 1 | | | |
| BELL SOUTH ENTERPRISES | 1 | | | |
| COMSAT | 1 | | | |
| LSI LOGIC | 1 | | | |
| TEKTRONIX | 1 | | | |
| | | | | |
| | | | | |
| QUORUM STATUS NOTES: | | | | |
| - HIGHLIGHTED ZERO = Must attend 2 consecutive mtgs to be added to quorum list | | | | |
| - NON-HIGHLIGHTED ZERO = Will be added to quorum list if they attend the next mtg | | | | |