

Title:

APPROVED SUMMARY OF TSG-S MEETING
for the period of 7/10-13/00 in Kohala Coast, HI

Source:

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SECRETARY

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Abstract:

This document provides the summary of the 3GPP2 TSG-S meetings held at the Mauna Lani Bay Resort in Kohala Coast, HI during the period of 7/10-13/00.

Recommendation:

For review and approval.

Notice:

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During the period of 7/10-13/00, a meeting of 3GPP2 TSG-S was held at the Mauna Lani Bay Resort in Kohala Coast, HI. This report is intended to summarize those discussions.

OPENING PLENARY

The meeting was called to order on 7/10/00 at 1:30 PM local time by TSG-S Chair, Hideo Okinaka (DDI).

- A roll call of TSG-S active companies indicated 17 companies in attendance out of 21 active companies (81% participation). Thus, meeting quorum was achieved.
- The proposed agenda (S00-20000710-001R2) was reviewed and approved without objection as submitted. The contributions were numbered and assigned to agenda items.
- Contributions were documented in S00-20000710-000R1. All contributions were distributed as soft copy only.
- The meeting summary for 6/00 in Vancouver, BC (S00-20000710-002) was presented and approved without objection as modified editorially by the discussion (S00-20000710-002R1).
- CORRESPONDENCE - None discussed.
- LIAISON REPORTS
 - TSG-A:
 - Approved IOS v4.0.1 (A.S0001-0.1) including associated bug fixes to IOS v4.0 as well as integration of SDO ballot comments.
 - IOS v4.1 is in baseline format with V&V in process.
 - Abis (A.S0003) TIA ballot is in process. August meeting will resolve both TIA and TTC ballot comments.
 - Next version of IOS is still under discussion and requirements review will begin this month. This version will support 1xEV-DO.
 - TSG-A All IP AdHoc is working on input to the 3GPP2 All IP AdHoc.
 - TSG-C:
 - Correspondence dated 6/23/00 to TSG-S from CWTS (S00-20000710-012) questioned when the LAS-CDMA standard will be complete. This correspondence seems to indicate that CWTS expects an LAS-CDMA standard by the end of the year. This correspondence was FYI to TSG-S..
 - A contribution from Motorola proposed the following modifications to the TSG-C workplan:
 - Release A errata/addendum and 1xEV-DO specification approved by TSG-C by 12/00

- Substantive Release B items and 1xEV-DV approved by TSG-C by 3/01.
- Adopted criteria and process for determining the difference between “bug fixes” and new features. This document will be distributed to all TSGs and the WPD AdHoc at the 7/14/00 closing Plenary.
- TSG-N:
 - WIN Phase II will be completed in August 2000. Changes to this project were noted (S00-20000710-009) but detailed review of this document was deferred to WG1. This contribution was remanded to WG1 for review and action as appropriate.
 - Packet data services phase1 will be ready for ballot in 11/00 and phase 2 will be ready for ballot in 12/00.
 - AH and USCF re-ballot will be completed in 7/00. Changes required new Stage 1 descriptions which will be presented in WG1.
 - ANSI-41-E development is heavily delayed due to the group’s transition from Microsoft Word to Framemaker. Target publication date is now scheduled for 4/01.
 - Stage 1 requirements for ACG (automatic code gapping) have been changed in TSG-N. An updated version of those requirements has been requested from the TSG-N Liaison for TSG-S review.
 - Ohashi-san’s participation as the TSG-N Liaison is still listed as interim pending additional commitment of support from other TSG-N parties.
- TSG-P: No report.
- All IP AdHoc:
 - Next meeting will be collocated with TSG-A in Boulder, CO. Planning to finalize the Requirements document at that meeting.
 - Majority of effort currently being applied to discussion of NAM.
 - Last meeting scheduled for 9/00 in Korea.
- TR45: No report
- TR45 ISD ADHOC: No report.
- TR45.7: Correspondence was sent from TR45 Chair to CTIA requesting direction and support for TR45.7. This communication noted that lack of response would be assumed to indicated lack of interest in the TR45.7 operations.
- TR45 NAG: No report.
- TR45 AHAG: No report.

- TR45 UIM-ESN ADHOC: Still awaiting technical input from the TR45 subcommittees on their recommendation for support of IMEI in preparation for final review at the next TR45 meeting.
- ITU: Working in supplement to Q.1701. Planning to begin work on CS2 of IMT-2000 in the next study period. Next study period will also focus on IP network integration and specifications.

WP8F will meeting in 11/00 to discuss potential changes to the RTTs.
- WAP FORUM: No report.
- CDG: Global roaming forum will be held in Sydney, Australia on 7/20-21/00.
- OLD BUSINESS:
 - WG1 ISSUES
 - 1xEV-DO Stage 1 (S.R0023) was distributed immediately following the last TSG-S meeting and no official objections have been received. According to 3GPP2 WPD rules, this document is now an official 3GPP2 approved document.
 - The Editor of the 1xEV-IDV Stage1 indicated that he delayed the action of initiating the promised e-mail discussions on the individually proposed requirements for this document at the request of Verizon Wireless based on their commitment to attend this Plenary to present their reason for this request. Verizon indicated that they believed that the discussion of requirements might have been premature due to the potential for defocusing development activities in TSG-C. Based on the fact that the joint meeting with TSG-C was canceled to eliminate such diffusion of focus, TSG-S decided to proceed with the 1xEV-DV Stage 1 development. WG1 was directed to provide their recommended course of action for completion of the 1xEV-DV requirements at the closing Plenary.
 - Correspondence dated 5/12/00 from TR45.2 regarding LIR (S00-20000710-003) was presented. This correspondence included the latest version (v7) of their LIR Stage 1. This contribution was remanded to WG1 for review and action as appropriate by closing Plenary.
 - Correspondence dated 7/4/00 from the CDG WLL Team regarding WLL terminology (S00-20000710-006) was presented. The correspondence supported the ITU terminology for the access methods but strongly recommended that the name WLL be retained as the name of the feature set. Nortel Networks indicated their opposition to the WLL position. This contribution was remanded to WG1 for consideration and action as appropriate.

- W2 ISSUES
 - Correspondence dated 6/9/00 from TR45.2 regarding OAM&P specification activities (S00-20000710-004) was presented. This document was remanded to WG2 for review and action as appropriate.
 - Correspondence from 3GPP TSG-SA WG5 regarding the establishment of a cooperative relationship between 3GPP2 TSG-S WG2 and 3GPP TSG-SA WG5 (S00-20000710-013) was presented. This contribution was remanded to WG2 as FYI.
- PMT ISSUES
 - Correspondence dated 6/9/00 from TR45.2 (S00-20000710-004) was presented. This correspondence indicated that TR45.2 is not pursuing any work on authentication based IN and location based IN services. This contribution was remanded to the PMT. These items will be deleted from the workplan.
- NEW BUSINESS:
 - ACTION ITEMS FOR UPCOMING SC MEETING
 - Proposed modifications to the TSG-S terms of reference to incorporate OAM&P Stage 2 and Stage 3 development activities (S00-20000710-010) was presented by Hitachi. These modifications were reviewed in detail. This contribution was remanded to WG2 for review and comment by the closing Plenary.
 - Regarding potential action items to improve cross-TSG coordination and management:
 - The Secretary indicated that he had written unofficial correspondence to the Chairs of TSG-A, TSG-N, and TSG-P regarding the potential benefits of modifying TSG-S meeting schedules so as not to collocate with the other TSGs. TSG-A indicated that they did not think that participation would be impacted. TSG-N indicate that there was no interest in participating regardless of TSG-S meeting schedule. TSG-P did not respond.
 - The Secretary recommended that, at least during the months that the OP/SC meets, the TSG-S meeting should be scheduled serially with and immediately preceding those meetings (i.e., M-W = TSG-S, T/F = OP/SC). This suggestion was adopted without objection pending full acceptance by OP/SC.
 - PMT indicated that they would have discussions related to working procedure changes related to this topic for review at the closing Plenary.

- Contributions related to offline acquisition of digital signal and analog-to-digital handoff (S00-20000710-007) were presented. These contributions were remanded to WG1 for consideration as potential feature descriptions.
- The Document Management AdHoc Chair, John Gabor (Intel), indicated that he had been reassigned by his employer and would no longer be able to serve in that capacity. The Chair thanked John for his efforts and wished him luck. The Chair also issued a call for volunteers to fill this newly vacated position with his intent to appoint a replacement by the next meeting.
- A contribution which proposed the use of use case maps in Stage 1 descriptions (S00-20000710-011) was presented by Nortel Networks. This contribution was remanded to WG1 for consideration.

The Plenary was recessed on 7/10/00 at approximately 5:20 PM local time.

CLOSING PLENARY

The Plenary was reconvened at 10:20 AM local time on 7/13/00 by TSG-S Chair, Hideo Okinaka (DDI).

- Quorum had been established at the opening Plenary and was not challenged at this session.
- **WORKING GROUP REPORTS**
 - WG1 Report (S00-20000710-041) was presented by WG1 Chair, Nick Mazzarella (Lucent) as FYI.
 - LIR Stage 1 updated received from TR45.2 for review and comment. Action still in process (note error in WG1 report).
 - TSG-N planned changes to AH and USCF were reviewed. WG1 agreed that the specific changes themselves do not pose a major concern. Action was deferred until the next meeting when the TSG-N actions would be finalized.
 - Initial draft of S.P0027: Personal Mobility was presented. This draft was remanded to the membership for detailed review and discussion at the next meeting.
 - The contribution from Sprint PCS related to 1xEV-DO was reviewed and subsequently classified as FYI.

- An initial draft of the High-Speed Data Enhancements for cdma2000 1x - Integrated Data and Voice v0.2 (S00-20000710-053) and 1xEV-DV requirements v02 (S00-20000710-054) were both approved as working documents. WG1 also approved the previously defined e-mail discussion strategy for review of the detailed requirements to begin immediately following this TSG-S meeting. These documents were approved for transmission to the SC Chair as a part of the TSG-S status report.
- Contributions on analog-to-digital handoff from Intel were reviewed and the group determined that no Stage 1 activities were required. The group did recommend that the TSG-C Liaison note that TSG-S did believe the strategy to be of benefit, especially in cases where the CDMA service provider did not control the AMPS network, and that TSG-C consideration was recommended.
- The Stage 1 descriptions of S.P0024: WLL (S00-20000710-049R1) and S.P0025: WPP (S00-20000710-050R1) were both approved for recommendation to the Plenary as baseline text over the sole objection on WLL terminology by Nortel Networks. These documents were approved by the Plenary without objection as baseline text.
- The Stage 1 descriptions for both S.P0021: Video Streaming (S00-20000710-051) and S.P0022: Video Conferencing (S00-20000710-052) were both approved for recommendation for publication. These documents were both approved by the Plenary for publication as S.R0021 (S00-20000710-051R1) and S.R0022 (S00-20000710-052R1) respectively.
- Cisco presented some comments and recommendations on a QoS Stage 1 description and committed to provide a draft document at the next meeting.
- Nortel Networks presented recommendations for the use of Use Case Maps in Stage 1 documents. This recommendation was considered favorably by the group but a volunteer is being sought to implement a test Stage 1 with this facility. Nortel Networks agreed to update the LBSS Stage 1 (S.P0019) as a sample since he believed that the Use Case Maps would identify problems in that document. Based on that plan, action on the LBSS Stage 1 was deferred until the next meeting.
- Proposed changes by the WIN Task Group to their ELP, RUAC, ACG, and AoC Stage 1 documents were reviewed. The group determined that it had no concerns regarding those changes but detailed review of the associated TSG-S Stage 1 documents were deferred until the next meeting pending the final approval of those changes by the WIN Task Group.

- WG2 Report (S00-20000710-042) was presented by the WG2 Chair, Masaaki Yoshimura (Hitachi) as FYI.
 - A preliminary draft of the OAM&P Stage 2/3 3GPP delta document was presented. It has been remanded to the membership for review and discussion at the next meeting.
 - Proposed correspondence to T1M1 regarding OAM&P cooperation (S00-20000710-046R2) was presented. This document was approved without objection for transmission.
 - Proposed correspondence to 3GPP TSG-SC WG5 regarding OAM&P cooperation (S00-20000710-047R2) was presented. This document was approved without objection for transmission.
 - Proposed correspondence to TR45.2 regarding OAM&P activities (S00-20000710-048R1) was presented. This document was approved without objection for transmission.
 - Proposed modifications to the TSG-S ToR for incorporation of OAM&P development into the TSG-S responsibilities (S00-20000710-010R5) were presented as recommendations from WG2. The section of this contribution which is applicable to the 3GPP2 WPD was approved without objection for recommendation to the upcoming SC meeting.
- PMT Report (S00-20000710-043) was presented by PMT Chair, Bob Plunkett (Quicksilver).
 - ISDN interworking has been moved from Release B to Release C based on information on the latest TSG-C status.
 - Document numbering proposal from TSG-C was reviewed. The group opposed note 3 in that report which mandated that in the case of documents previously published by TIA, the TIA major revision indicator would be assumed for the 3GPP2 document number (e.g., IS-707-A would be numbered as C.S0017-A instead of the C.S0017-0 as it is currently numbered). The TSG-S Liaison was directed to advise TSG-C of this position.
 - The PMT recommended 3GPP2 Coordination presentation (S00-20000710-055R1) was presented. This document was approved without objection for submission to the upcoming SC meeting.
- V&V Report: No report.

- OLD BUSINESS:
 - Proposed correspondence to the SC Chair regarding TSG-S status on 1x enhancement activities (S00-20000710-045R1) was presented. This document, along with its associated attachments, was approved without objection for transmission.
 - A brief TSG-C Liaison Report indicated the following:
 - The 1xEV-DO specification will incorporate both the physical and signaling requirements into a single document which will be published for SDO review by TSG-C via an interim Plenary conference call on 9/12/00 and published by TIA by 10/31/00.
 - The request from Japanese operators to modify band class 3 to accommodate additionally available spectrum is being handled as follows:
 - Single page addendum will be generated for Release 0
 - Incorporation into the Release A addendum currently being developed.
 - Incorporation into Release B when it is developed.
- NEW BUSINESS:
 - The meeting dates for the 10/00 TSG-S meeting may be modified to align with the next SC/OP meeting if the proposed collocation strategy is approved. That issue will be determined at the next OP/SC meeting and new meeting dates will be broadcast on the TSG-S e-mail exploder as soon as they are available.
- ASSIGNMENTS: None noted.
- FUTURE MEETINGS:
 - 8/22-25/00 Sheraton Fisherman's Wharf in San Francisco, CA
 - 9/19-21/00 Sheraton Walker Hill Hotel in Seoul, Korea
 - 10/24-26/00* Kyoto International Conference Hall in Kyoto, Japan

*NOTE: Potential schedule change indicated in new business section.

Please note:

- Summary of the remaining meetings for this year was noted (S00-19990817-011R10)
- The proposed 2001 meeting schedule (S00-20000710-056) was presented. This schedule was prepared by the Chairman's team and based on the following:
 - 10 meetings for the year
 - 4 meetings collocated with OP/SC (i.e., TSG-S = M-W, OP/SC = T/F)
 - 6 meetings collocated with other TSGs

This meeting was adjourned on 7/13/00 at 2:25 PM local time.

A listing of the contributions for this meeting is itemized below:

NUMBER	SUBJECT	SOURCE
OPENING PLENARY - 3GPP2-S00-20000710-		
000	CONTRIBUTION REGISTER	SECRETARY
001	AGENDA	CHAIR
002	Meeting Summary - 6/00 - Vancouver, BC	SECRETARY
003	Correspondence on draft LIR Stage 1	TR45.2
004	Correspondence on Authentication and Location Registration-Based Services	TR45.2
005	Correspondence on OAM&P work	TR45.2
006	Correspondence on response to WLL terminology issues	CDG WLL TEAM
007	Offline acquisition of digital signal and analog-to-digital idle handoff	INTEL
008	Reassignment	INTEL
009	EPL, RUAC and AoC Stage-1 - Changes made in WIN-WG	KDD AND NEC
010	TSG-S ToR Modifications	HITACHI
011	Use Case Maps for 3GPP2 Stage 1 Specifications	NORTEL NETWORKS
012	Correspondence dated 6/23/00 to TSG-C regarding their communication on 1x enhancement activities	CWTS
013	Correspondence regarding OAM&P	3GPP TSG-SA WG5
WG1: FEATURE/SERVICE REQUIREMENTS - 3GPP2-S10-20000710-		
001	AGENDA	CHAIR
002	Call Type Based Access Control (Stage1)	DDI & 7 JAPANESE COMPANIES
003	WLL-Stage 1 version 1.1	EDITOR
004	WPPL-Stage 1 version 1.1	EDITOR
005	AH changes	KDD
006	USCFchanges	KDD
007	Personal Mobility Stage 1 0.0.2	EDITOR
008	HS_Data_Enhancement_Integrated Data+Voice_Stage1_v0.2	EDITOR
009	1xEV-IDV_Requirements_v01	EDITOR
010	Video Streaming Stage 1 version 0.4.0	EDITOR
011	Video Conferencing Stage 1 version 0.4.0	EDITOR
012	Service option grouping	LUCENT
013	1xEV (Enhanced IS-2000 for 1x) Hand-off Requirements	SPRINT PCS
WG2: OAM&P AND NRM - 3GPP2-S20-20000710-		
001	Agenda	CHAIR
002	Summary of Meeting on June 7	CHAIR
003	OAM&P Stage 2/3 for cdma2000(3Gpp Delta Specification)	MOTOROLA
004	Response to T1M1 on OAM&P Standards	MOTOROLA

PMT: PROJECT MANAGEMENT TEAM - 3GPP2-S30-20000710-		
001	Agenda	CHAIR
002	Meeting Minutes - 6/00	CHAIR
003	TR45.2 Correspondence on Auth. And Loc. Based Call Models (C00-20000710-004)	TR45.2
004	Workplan V18 Modified	CHAIR
005	Work Item Descriptions V1.2 Modified	CHAIR
006	3GPP2 Coordination	CHAIR
007	WPD Changes to Support PMT	CHAIR
008	TSG-C Proposed Numbering Scheme V5	TSG-C/S ADHOC
CLOSING PLENARY - 3GPP2-S00-20000710-		
041	WG1 Report	WG1
042	WG2 Report	WG2
043	PMT Report	PMT
044	V&V Report (no report)	V&V CHAIR
045	Proposed correspondence to SC Chair regarding 1x enhancement activities	SECRETARY
046	Proposed correspondence to T1M1 on OAM&P standards cooperation	WG2
047	Proposed correspondence to 3GPP TSG-SA WG5 regarding OAM&P standards cooperation	WG2
048	Proposed correspondence to TR45.2 on OAM&P activities	WG2
049	S.P0024: WLL Stage 1 BLT	WG1
050	S.P0025: WPP Stage 1 BLT	WG1
051	S.P0021: Video Streaming Stage 1 PPT	WG1
052	S.P0022: Video Conferencing Stage 1 PPT	WG1
053	S.P0026: High-Speed Data Enhancements for cdma2000 1x - Integrated Data and Voice v0.2	WG1
054	1xEV-DV Requirements v02	WG1
055	3GPP2 Coordination	PMT
056	TSG-S 2001 meeting calendar	CHAIR

STATUS OF APPROVED TSG-S SPECIFICATIONS AND REPORTS

NUMBER	TITLE
S.R0003	3GPP2 System Capability Guide
S.R0004	3GPP2 Service Implementation Guide
S.R0005-A	3GPP2 Network Reference Model (Rev. A)
S.R0006	Cellular Features Description (TIA/EIA-664-A Rev A)
S.R0007	User Selective Call Forwarding (Stage 1) (PN-4551)
S.R0008	Answer Hold (Stage 1) (PN-4550)
S.R0009	User Identity Module (Stage 1) (PN-4582)
S.R0010	Preferred Language Enhancement (Stage 1) (PN-4289) (Note 1)
S.R0011	Advice of Charge (Stage 1) (PN-4289)
S.R0012	Rejection of Undesired Annoying Calls (Stage 1) (PN-4289)
S.R0013	Global Emergency Call Origination (Stage 1) (Note 2)
S.R0014	Tandem Free Operation (Stage 1)
S.R0015	ISDN Interworking (Stage 1)
S.R0016	Automatic Code Gapping (Stage 1) (Note 3)
S.R0017	3G Wireless Network Management System High Level Requirements (Stage 1) (Note 4)
S.R0018	Prepaid Services (Stage 1) (PN-4287) (Note 4)
S.R0021	Video Streaming Stage 1
S.R0022	Video Conferencing Stage 1
S.R0023	High Speed Data Enhancements for cdma2000 1x Stage 1 - Data Only

STATUS OF TSG-S PROJECTS IN PROCESS

NUMBER	TITLE	STATUS
S.P0019	Location Based System Services (LBSS) Stage 1	V&V
S.P0020	Location Information Restriction (LIR) Stage 1	In development
S.P0024	WLL Stage 1	V&V
S.P0025	WPP Stage 1	V&V
S.P0026	High Speed Data Enhancements for cdma2000 1x Stage 1 - Integrated Data and Voice	In development
S.P0027	Personal Mobility Stage 1	In development
S.P0028	OAM&P Stage 2/3 for cdma2000 (3GPP Delta Specification)	In development

3GPP2 QUORUM ROLL CALL				
TSG-S (Systems and Services Aspects)				
July 14, 2000				
COMPANY	Attendance 07/10/00	Attendance 07/14/00	Consecutive Mtgs Missed	Quorum Status at Mtg Start
BELL MOBILITY			3	0
COMVERSE NETWORKS SYSTEMS			1	0
DDI	1		0	1
DOCOMO US LABORATORIES			0	1
ERICSSON			0	1
FUJITSU	1		0	1
GTE			3	0
HITACHI	1		0	1
HYUNDAI			2	1
IDO	1		0	0
INTEL	1		0	1
KDD	1		0	1
LG TELECOM			1	1
LGIC	1		0	1
LINKAIR COMMUNICATIONS	1		0	1
LUCENT	1		0	1
MOTOROLA	1		0	1
NEC	1		0	1
NOKIA	1		0	1
NORTEL NETWORKS	1		0	1
OKI NETWORK TECHNOLOGIES	1		0	1
PHILLIPS			3	0
QUALCOMM	1		0	1
QUICKSILVER TECHNOLOGY	1		0	1
SAMSUNG	1		2	1
SONY	1		3	0
SPRINT PCS	1		1	1
TELCORDIA			0	0
VERIZON WIRELESS	1		0	0
VODAFONE-AIRTOUCH			3	0
TOTALS	17	0		21
QUORUM CALCULATION	81%	0%		
ADDITIONS				
				0
				0
				0
				0
				0
OBSERVERS AND GUESTS				
MMI				0
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 next mtg if they attend				