Page 1

1	Title:
2 3	APPROVED SUMMARY OF TSG-S MEETING for the period of 5-7 December 2000 in Kauai, HI
4	Source:
4	Bource.
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6	SECRETARY
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9	Abstract:
10 11 12	This document provides the summary of the 3GPP2 TSG-S meetings held at the Hyatt Regency Kauai hotel in Kauai, HI during the period of 5-7 December 2000. Recommendation:
13	For review and approval.
14	
15	Notice:
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- 1 During the period of 5-7 December 2000, a meeting of 3GPP2 TSG-S was held at the Hyatt Regency
- 2 Kauai in Kauai, HI. This report is intended to summarize those discussions.

3 OPENING PLENARY

- 4 1. CALL TO ORDER AND OPENING REMARKS: The meeting was called to order on
- 5 December 2000 at 8:45 AM local time by TSG-S Chair, Hideo Okinaka (KDDI).
- 6 The Chair welcomed everyone to Kauai.
- 7 The Chair indicated that the following items were priorities for this meeting:
- UIM ID assignment
- Creation of All IP AdHoc
- ATTENDANCE REGISTRATION AND ROLL CALL: A roll call of TSG-S active
 companies indicated 15 companies in attendance out of 17 active companies (88%
 participation). Thus, meeting quorum was achieved.
- DISTRIBUTION AND NUMBERING OF CONTRIBUTIONS: Contributions were
 documented in S00-20001205-000. All contributions were distributed as soft copy only.
- 4. ADOPTION OF AGENDA: The proposed agenda (S00-20001205-001R2) was reviewed and approved without objection as modified by the discussion (S00-20001205-001R3).
- 17 5. ASSIGNMENT OF CONTRIBUTIONS TO AGENDA ITEMS: The contributions were numbered and assigned to agenda items.
- REVIEW AND APPROVAL OF PREVIOUS MEETING SUMMARY: The meeting summary for October 2000 in Kyoto, Japan (S00-20001205-002) was presented and approved without objection as modified by the discussion (S00-20001205-002R1).
- 22 7. REPORT FROM NOVEMBER SC AND OP MEETINGS:
- The unofficial meeting summary of the 2 November 2000 3GPP2 SC meeting (S00-20001205-005) was presented as FYI.
- The unofficial meeting summary of the 3 November 2000 3GPP2 OP meeting (S00-20001205-006) was presented as FYI.
- The SC approved workplan v23 and line item descriptions (S00-20001205-007) were remanded to the PMT.
- The All IP AdHoc output documents which were remanded from the SC (S00-20001205-008) were presented. Action was deferred to agenda item 11b.
- The CWTS contribution on UIM ID assignment which was remanded from the SC (S00-20001205-015) was presented. Action was deferred to agenda item 11c.

- APPROVAL OF S.R0023: S.P0023 1xEV-DO v1.3 (S00-20001205-013) was presented by the WG1 Chair. This contribution was approved for publication as v2.0 pending update of the cover sheet to reflect the new version number and approved document status (S00-20001205-013R1).
- 5 9. CORRESPONDENCE:
- Correspondence dated 13 November 2000 from TR45.2 (S00-20001205-004) was presented. This correspondence suggested that there may be duplications of effort in Stage 1 development activities between TR45.2 and TSG-S. This contribution was remanded to both WG1 and the PMT for response by closing Plenary.
- Correspondence dated 28 November 2000 from TSG-N regarding their completion of N.S0003 User Identity Module (S00-20001205-016) was presented. This contribution was remanded to WG1 for review and action as appropriate.
 - Correspondence dated 28 November 2000 from TSG-N regarding their completion of N.S0004 WIN Phase II (S00-20001205-017) was presented. This contribution was remanded to WG1 for review and action as appropriate.
- 16 10. LIAISON REPORTS

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- TSG-A: No report.
- TSG-C (S00-20001205-014): The TSG-C Liaison report indicated the following:
- Three (3) new 1xEV-DV framework proposals and one (1) component technology proposal have been received. Framework proposals are now closed.
 - C.S0022-0-1 Position Determination Services Addendum was published and released by TR45.5 for 30-day TIA ballot as IS-801-1.
- TSG-N (verbal report):
 - There was extensive discussion regarding the collocation of TSGs as mandated by the 3GPP2 SC.
- Location Services Stage 1 is still in progress. Two (2) Stage 1 descriptions have been combined.
 - Priority Access Service (PAS) is under review.
- TSG-P: No report.
- TR45: An unofficial summary of the TR45 meeting which was held on 29 November 2000 (S00-20001205-009) was presented by the Secretary as FYI.
- TR45 ISD ADHOC: No report.

TR45.7: Abolished by TR45 due to lack of participation. 1 • 2 TR45 NAG: TSB-100-A NRM is in process of being released for TIA ballot. 3 Expected completion in February 2001. 4 TR45 AHAG: Recommended that TR45.5 adopt the new AES algorithm as the ESP 5 for CDMA. ITU: A new process has been setup for RSPC update. No technology updates were 6 7 approved and all must be resubmitted using this new process including 1xEV-DO. 8 WAP FORUM: 9 NTT DoCoMo is bringing I-mode into the WAP Forum. 10 Need to address 3GPP2 R-UIM issues. 11 3GPP2 has signed the WAP Forum NDA. 12 3GPP-SA5: Attempting to complete Release 99. Also working on Release 4 and 5 • issues. Basic CM IRP will be completed this year. Supporting documents will be 13 14 submitted in the WG2 meeting. 15 T1M1: Beginning discussion of work items for 2001. Additional documentation will be submitted in the WG2 meeting. 16 17 MWIF: No report. 18 CDG: No report. • 19 11. **NEW BUSINESS** 20 LEADERSHIP FOR NEW TERM: Correspondence dated 4 December 2000 from 21 the 3GPP2 SC Chair regarding TSG Leadership (S00-20001205-018) was presented. 22 This correspondence noted that the terms of the current TSG Chairs and Vice Chairs 23 end at the end of this year. The SC would like to confirm the new TSG leadership at 24 the February 2001 SC meeting. The WPD rules regarding TSG leadership was noted 25 and the TSG-S Chair noted his intent to step down. The following timeline was 26 directed: 27 TSG-S participants were encouraged to submit their nominations for TSG-S 28 Chair, Vice Chair, or to be considered for both positions by 15 January 2001. Nominations should be broadcast to the TSG-S e-mail exploder. 29 30 An interim Plenary will be scheduled for Tuesday 30 January 2001 to review 31 TSG-S Chair nominations. Nominations for TSG-S Chair will be accepted at 32 this meeting but then nominations for Chair will be closed. TSG-S will elect a 33 new TSG-S Chair at that meeting.

1 2 3		 At the closing Plenary of the Osaka meeting (31 January 2001), nominations will be accepted for TSG-S Vice Chair. Nominations will then be closed and TSG-S will elect new TSG-S Vice Chairs at that meeting.
4		The following management process will used.
5 6		• If there is only a single candidate, that candidate will be approved by acclamation.
7 8		 In the case of multiple candidates, votes for Chair and Vice Chair will be conducted by secret ballot.
9		• The voting process will be managed by the current TSG-S Leadership Team.
10 11		The new TSG-S Leadership Team will assume their new responsibilities upon confirmation by the 3GPP2 SC.
12 13		The group agreed that clarification should be requested from the SC on whether or not the new TSG Leadership has the option to replace the WG leadership.
14 15 16 17	•	CREATION OF ALL IP ADHOC: The Chair directed the formation of the TSG-S All IP AdHoc to coordinate the 3GPP2 All IP Network specification development activities. Discussion of the terms of reference and the appointment of AdHoc leadership were deferred to the closing Plenary.
18	•	UIM ID
19 20 21 22		 A contribution on UIM ID assignment submitted by CWTS which was remanded from the SC meeting (S00-20001205-015) was presented by the Secretary. This contribution recommended that TSG-S be appointed to assign the UIM ID numbers.
23 24 25 26 27 28		 A second contribution from CWTS regarding their request for a group which is responsible for assignment of UIM ID (S00-20001205-019) was also presented but no CWTS representatives were present at the time of discussion. However, in review of this contribution, this document was an enhanced version of the SC remanded document. In addition, this document did not include the recommendation for TSG-S to assume the UIM ID assignment responsibilities.
29 30		The three (3) issues of concern which were identified in the discussion were summarized as follows:
31		• Use of an UIM ID which is conceptually the same as the TIA ESN.
32 33		• Attempting to define a 32-bit field which is globally unique when compared to the 32-bit TIA ESN.
34 35		 Whether TSG-S should be handling the administrative function of the assignment of ID numbers.

1 2		The only item of consensus during this discussion was that TSG-S is not the appropriate entity to handle to assignment of UIM ID numbers.
3		These contributions were remanded to the UIM ID Rapporteur for discussion at the upcoming joint meetings of this subject.
5	12.	OLD BUSINESS:
6		• WG1 ISSUES
7 8 9 10 11		 A contribution entitled "Leading Role for 1xEV-DO Network Specifications" (S00-20001205-003) was presented by Ericsson. This contribution recommended that TSG-A be acknowledged as having prime responsibility for the remaining 1xEV-DO network issues. This contribution was remanded to PMT action as required.
12 13 14 15		 A contribution which stated the KDDI intent to pursue technical realization of 1xEV-DO issues with TSG-A (S00-20001205-012) was presented as FYI. However, this contribution had no detail on the technical issues of concern. This contribution was subsequently withdrawn by the contributor.
16 17 18		 A contribution on the refinement of the ACCT Stage 1 description (S00-20001205-012) was presented by KDDI. This contribution was remanded to WG1 for action as appropriate.
19		• W2 ISSUES: No contributions.
20		PMT ISSUES: No additional contributions.
21 22 23		 V&V ISSUES: The WG1 Chair indicated that V&V of S.P0027 Personal Mobility and S.P0032 ESA and ESP were still on-going. He intended to have these available for approval and the closing Plenary.
24		V&V PROCESS: No contributions.
25 26	13.	RECESS: The Plenary was recessed on 5 December 2000 at approximately 12:45 PM local time.
27		
28	CLO	SING PLENARY
29 30 31	14.	RECONVENE: The Plenary was reconvened at 12:10 PM local time on 7 December 2000 by TSG-S Chair, Hideo Okinaka (KDDI). Quorum had been established at the opening Plenary and was not challenged at this session.

1	15.	WORKING GROUP REPORTS
2 3		• WG1 Report (S00-20001205-041) was presented by WG1 Chair, Nick Mazzarella (Lucent) as FYI.
4 5 6		• 1xEV-DO AdHoc group status has not been formally reported to WG1. The WG1 Chair will contact 1xEV-DO AdHoc Chair, Rich Robinson (Print PCS), to make formal report to TSG-S exploder.
7 8		• Cathy Fitzpatrick (Lucent) was assigned to be a TSG-S liaison/Rapporteur at QoS JEM meeting January 24/25, 2001 in Kansas City.
9		 Cathy Fitzpatrick (Lucent) was assigned to be a TSG-S liaison to TR45.2.
10 11 12		• WG1 members were directed to review UIM (N.S0003) and WIN phase II (N.S0004) documents by the next WG1 meeting for investigating what impact for some Stage 1 documents and 3GPP2 applications.
13 14		 MEID Stage 1 will be removed from the TSG-S workplan if there are no contributions at the next meeting.
15		• S.P0031 LDRD Stage 1 was removed from the TSG-S workplan.
16 17 18		S.P0027 Personal Mobility Stage 1 (S00-20001205-048) was presented. This document was approved for publication without objection pending update of cover sheet as appropriate.
19 20 21		S.P0032 ESA and ESP Stage 1 (S00-20001205-049) was presented. This document was approved for publication without objection pending update of cover sheet as appropriate.
22 23 24		Modifications to S.P0029 ACCT Stage 1 (S00-20001205-050) was presented as FYI. These modifications will be incorporated into the Stage 1 document at the next meeting.
25 26 27		S.P0008 AH (S00-20001205-051) was presented. This document was approved for publication as version 2.0 without objection pending update of cover sheet as appropriate.
28 29 30		S.P0007 USCF (S00-20001205-052) was presented. This document was approved for publication as version 2.0 without objection pending update of cover sheet as appropriate.
31 32 33		S.P0016 ACG (S00-20001205-053) was presented. This document was approved for publication as version 2.0 without objection pending update of cover sheet as appropriate.

1 2 3 4 5 6	Proposed correspondence to TSG-C regarding multiple character set support in SMS (S00-20001205-054) was presented. This correspondence identified an inconsistency between the character set references of IS-2000 and the SMS specification and requested that TSG-S correct this problem in a future release of the SMS specification. This correspondence was approved for transmission without objection as modified editorially by the discussion (S00-20001205-054R1).
7 8 9 10	Proposed correspondence to TSG-P regarding Pre-Paid Packet and Enhanced Charging Features (S00-20001205-055) was presented. This correspondence was approved for transmission without objection as modified editorially by the discussion (S00-20001205-055R1).
11 12 13 14	Proposed correspondence to TR45.2 regarding S.P0032 ESA and ESP Stage 1 (S00-20001205-056) was presented. This correspondence was approved for transmission without objection as submitted with S.P0032 ESA and ESP Stage 1 (S00-20001205-049) as an attachment.
15 16 17	Proposed correspondence to TR45.2 regarding Stage 1 development issues (S00-20001205-046) was presented. This correspondence was approved for transmission without objection as submitted.
18 19 20	Proposed correspondence to TR45.2 regarding LIR development issues (S00-20001205-047) was presented. This correspondence was approved for transmission without objection
21 22	WG2 Report (S00-20001205-042) was presented by the WG2 Chair, Masaaki Yoshimura (Hitachi) as FYI.
23 24	• WG2 plans to incorporate results of TIA TSB-100-A ballot resolution into the 3GPP2 NRM starting in March 2001.
25 26	• S.P0028 OAM&P specification needs to be updated based on recent changes in the 3GPP document.
27 28	• OAM&P in the 3GPP2 All IP Network has not yet been discussed but must be a consideration in the All IP development activities.
29	• The WG2 Chair indicated his intent to resign from that position in March 2001.
30 31	PMT Report (S00-20001205-043) was presented by PMT Chair, Bob Plunkett (Quicksilver) as FYI.
32 33	 TSG-A work item on All IP RAN architecture study was approved but the workplan update was deferred until the next meeting.
34 35	• Cathy Fitzpatrick (Lucent) volunteered to act as the QoS Rapporteur and the TR45.2 Liaison.
36 37	• QoS JEM will be held on 24-25 January 2001 in Kansas City. This JEM will be chaired by Mark Lipford (Sprint PCS)

1 2 3			 New TSG-S working procedures will be drafted for the next meeting. Clif Barber (Oki Network Technologies) volunteered to act as Editor after that document is approved.
4			• The PMT Chair indicated his intent to resign that position late in 1Q2000.
5 6 7			Proposed correspondence to all TSG Chairs inviting participation in Release C planning (S00-20001205-061) was presented. This correspondence was approved without objection as submitted for transmission.
8 9 10 11			Proposed correspondence to the Chairs of TSGs A, C, and P regarding 1xEV-DO coordination (S00-20001205-062) was presented. This correspondence was approved without objection as modified by the discussion (S00-20001205-062R3) for transmission.
12		•	V&V Report: No report.
13		•	Joint TSG-C/TSG-S Meeting on UIM ID:
14 15			• Meeting report from this joint meeting (S00-20001205-058) was presented as FYI.
16 17 18 19 20			 Proposed correspondence to the SC Chair regarding the TSG-S/TSG-C position on UIM ID issues (S00-20001205-059R1) was presented. This correspondence was approved without objection as modified by the discussion (S00-20001205-059R3). In addition, the TSG-S Liaison was empowered to represent TSG-S in harmonization edits in discussions with TSG-C.
21	16.	OLD 1	BUSINESS (continued):
22 23 24 25		•	Regarding the TSG-S V&V, Shila Heeralall (Lucent) pointed out that there is another V&V process in use in 3GPP2 which should be considered by TSG-S at a future meeting. This process is being used by TSG-A and was used by the disbanded All IP AdHoc.
26 27		•	A contribution entitled "Introduction to KDDI's idea for 1xEV-DO" (S00-20001205-063) was presented by KDDI as FYI.
28	17.	NEW	BUSINESS (continued):
29 30		•	APPOINTMENT OF ALL IP ADHOC GROUP LEADERSHIP: The TSG-S Chair made the following appointments:
31			Chair: Mark Lipford (Sprint PCS)
32			Vice Chair: Mike Dolan (Lucent)

- ALL IP ADHOC TERMS OF REFERENCE: The proposed terms of reference for the new All IP AdHoc (S00-20001205-057R1) were presented and reviewed by the All IP AdHoc Chair. This document was approved without objection as modified by the discussion (S00-20001205-057R3).
 - OTHER: A contribution on Header Compression for Multiple Media Stage 1 (S00-20001205-060) was presented. The contributor was not present to discuss the contribution. There was general consensus that this capability did not fall into the category of a user or operator feature or service but seemed to be a high level system requirement which are the prime responsibility of the TSGs. This contribution was held open until the opening Plenary in Osaka to allow the contributor an opportunity to address these issues. If no one is present to do so, the contribution will be dropped at that time.
 - The Secretary expressed his personal thanks and the commendation of his company to Yuichi Kanamaru (Motorola) for his very strong participation and his assumption of WG1 Vice Chair and WG1 meeting summary, tasks which can be very difficult for "English as a second language" individual.
- 17 18. ASSIGNMENTS: Not separately discussed.
- 18 19. FUTURE MEETINGS:

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29-31 January 2001	Osaka International Convention Center in Osaka, Japan
	(collocated with the OP/SC meetings)
13-15 March 2001	Outrigger Wailea Hotel in Maui, HI
16-18 April 2001	Korea

- 20 An invitation to the Osaka meeting (\$00-20001205-045) was noted.
- 20. ADMINISTRATION AND OTHER BUSINESS: The most recent 3GPP2 year 2001 meeting calendar (S00-20001205-010R1) was presented. The Chair is proposing a switch in the locations of the April (Korea) and July (US) meetings of TSG-S, SC, and OP since the April date for Korea would mandate travel by US participants over the Easter holiday. However, if the April meeting is moved to the US, the TSG-S meeting cycle would be reduced from 3 days to 2-1/2 days (i.e., start on Monday afternoon). The group agreed to this strategy without objection if it can be confirmed with the 3GPP2 Secretariat.
- 28 21. ADJOURNMENT: This meeting was adjourned on 7 December 2000 at 3:00 PM local time.

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

NUMBER	SUBJECT	SOURCE			
OPENING PLI	OPENING PLENARY - 3GPP2-S00-20001205-				
000	CONTRIBUTION REGISTER	SECRETARY			
001	AGENDA	CHAIR			
002	Meeting Summary - October 2000 - Kyoto, Japan	SECRETARY			
003	Leading role for 1xEV-DO network specifications	ERICSSON			
004	Correspondence dated 13 November 2000 regarding Stage 1 development	TR45.2			
005	Unofficial summary of 3GPP2 SC meeting - 2 Nov 2000	SECRETARY			
006	Unofficial summary of 3GPP2 OP meeting - 2 Nov 2000	SECRETARY			
007	3GPP2 workplan v22 and line item descriptions	PMT			
008	3GPP2 All IP AdHoc output documents	SC			
009	Unofficial summary of TR45 meeting - 29 Nov 2000 - Atlanta, GA	SECRETARY			
010	3GPP2 year 2001 meeting schedule	CHAIR			
011	Refinement of ACCT Stage 1	KDDI			
012	Introduction of KDDI's idea for 1xEV-DO	KDDI			
013	S.R0023 1xEV-DO Stage 1 v1.3	WG1			
014	TSG-C Liaison Report - 5 December 2000	TSG-C LIAISON			
015	UIM ID Assignment	CWTS			
016	Correspondence dated 28 November 2000 regarding N.S0003 UIM	TSG-N			
017	Correspondence dated 28 November 2000 regarding N.S0004 WIN Phase II Revision	TSG-N			
018	Correspondence dated 4 December 2000 regarding leadership direction	3GPP2 SC CHAIR			
019	Request a Group which is responsible for assignment of UIM ID	CWTS			
WG1: FEATU	RE/SERVICE REQUIREMENTS - 3GPP2-S10-20001205-				
001	AGENDA	CHAIR			
002	QCOM AKA DDR	QUALCOMM			
003	Lucent ESA DDR	LUCENT			
004	Correspondence to TR45.2 regarding Stage 1	OKI NETWORK TECHNOLOGIES			
005	Correspondence to TR45.2 regarding LIR	OKI NETWORK TECHNOLOGIES			
006	LUC ESA DDR revised	LUCENT			
007	ACCT_Stage_1_revised	LUCENT			
008	Summary of decisions and actions for TSG-S WG1	CHAIR			
009	S.P0032 ESA and ESP Stage 1 - marked	EDITOR			
010	S.P0032 ESA and ESP Stage 1 - clean	EDITOR			

VG2: OAM	&P AND NRM - 3GPP2-S20-20001205-	
001	Agenda	CHAIR
002	Meeting summary - November 2000	CHAIR
003	3GPP2 TSG-SA WG5 Meeting Report	MOTOROLA
004	T1M1 Meeting Report	MOTOROLA
MT: PROJ	ECT MANAGEMENT TEAM - 3GPP2-S30-20001205-	
001	Agenda	CHAIR
002	Meeting summary - Kyoto, Japan	CHAIR
003	Leading role for 1xEV-DO network specifications (S00-20001205-003)	ERICSSON
004	Correspondence on Stage 1 development	TR45.2
005	Proposed Improvements to TSG-S Stage 1 Process Management	LUCENT, MOTOROLA, NORTEL
006	Draft Correspondence on Release C Planning	CHAIR
007	QoS JEM Announcement	QOS JEM CHAIR
LOSING PI	ENARY - 3GPP2-S00-20001205-	
041	WG1 Report	WG1
042	WG2 Report	WG2
043	PMT Report	PMT
044	V&V Report (no report)	V&V CHAIR
045	Invitation to January 2001 TSG-S meeting	CHAIR
046	Correspondence to TR45.2 on Stage 1 development	WG1
047	Correspondence to TR45.2 clarifying the status of LIR Stage 1	WG1
048	S.P0027 Personal Mobility Stage 1	WG1
049	S.P0031 ESA and ESP Stage 1	WG1
050	S.P0029 ACCT Stage 1	WG1
051	S.R0008 Answer Hold Stage 1	WG1
052	S.R0007 USCF Stage 1	WG1
053	S.R0016 ACG Stage 1	WG1
054	Correspondence to TSG-C regarding multi-language support in SMS	WG1
055	Correspondence to TSG-P regarding required Stage 1 descriptions	WG1
056	Correspondence to TR45.2 regarding S.P0031ESA and ESP Stage 1	WG1
057	Proposed terms of reference for the All IP AdHoc	SPRINT PCS/LUCENT
058	Summary of the joint meeting between UIM ID AdHoc and TSG-C WG1	UIM ID ADHOC CHAIR
059	Proposed correspondence to SC Chair from TSG-S and TSG-C regarding UIM ID issues	SECRETARY

060	Request for Stage 1 requirements for header compression for multimedia services	ERICSSON
061	Correspondence to all TSGs regarding Release C planning	PMT
062	Correspondence to TSGs A, C, and P regarding 1xEV-DO responsibilities	PMT
063	Introduction of KDDI's idea for 1xEV-DO	KDDI

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) v2.0
S.R0008	Answer Hold (Stage 1) v2.0
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) v2.0
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.R0019	Location Based System Services (LBSS) Stage 1
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 v2.0
S.R0024	WLL Stage 1
S.R0025	WPP Stage 1
S.R0026	High Speed Data Enhancements for cdma2000 1x Stage 1 - Integrated Data and
	Voice (1xEV-DV)
S.P0027	Personal Mobility Stage 1
S.R0029	Access control based on call type Stage 1
S.P0032	ESA and ESP Stage 1

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STATUS OF TSG-S PROJECTS IN PROCESS

NUMBER	TTTLE	STATUS
S.P0020	Location Information Restriction (LIR) Stage 1	In development
S.P0028	OAM&P Stage 2/3 for cdma2000 (3GPP Delta Specification)	In development
S.P0030	IP Multicast/Broadcast Stage 1	In development

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TSG-S (Systems and Services Aspe December 7, 2000	·			
COMPANY	Attendance	Attendance	Consecutive	Quorum Statu
	12/05/00	12/07/00	Mtgs Missed	at Mtg Start
ALCATEL	1		1	0
BELL MOBILITY	1		1	0
OCCOMO US LABORATORIES	<u>'</u>		0	1
ERICSSON	1		0	0
FUJITSU	1		0	1
HITACHI	1		0	1
HYUNDAI	1		3	0
KDDI	1		0	1
KOREA TELECOM	•		0	0
_G ELECTRONICS	1		0	1
_G TELECOM	'		3	0
INKAIR 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
QWEST	'		1	0
SAMSUNG	1		0	1
SIRF TECHNOLOGY	'		1	0
SK TELECOM	1		0	0
SONY	'		2	1
SPRINT PCS	1		0	1
TELCORDIA	1		3	0
VERIZON WIRELESS	'		0	0
TOTALS	15	0	0	17
QUORUM CALCULATION	88%	0%		17
QUORUM CALCULATION	86 /6	0 /6		
ADDITIONS				
ADDITIONS				0
				0
				0
				0
DBSERVERS AND GUESTS				U
OBOLIVERO AND GOLOTO				
				0
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⁻ HIGHIGHTED 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