Title:

APPROVED SUMMARY OF TSG-S MEETING
for the period of 6/6-9/00 in Vancouver, BC

Source:

Clifton J. Barber

SECRETARY

Oki Telecom, Inc.   70 Crestridge Drive Suite 150   Suwanee, Georgia 30024
(678) 482-2669   Fax (678) 482-9946   cbarber@okitele.com

Abstract:

This document provides the summary of the 3GPP2 TSG-S meetings held at the Hyatt Regency Hotel in Vancouver, BC during the period of 6/6-9/00.

Recommendation:

For review and approval.

Notice:

During the period of 6/6-9/00, a meeting of 3GPP2 TSG-S was held at the Hyatt Regency Hotel in Vancouver, BC. This report is intended to summarize those discussions.

OPENING PLENARY

The meeting was called to order on 6/6/00 at 8:30 AM local time by TSG-S Chair, Hideo Okinaka (DDI).

- The Chair welcomed everyone to Vancouver and noted the 1x enhancements requirements as one (1) of the major activities for this week.

- A roll call of TSG-S active companies indicated 14 companies in attendance out of 22 active companies (64% participation). Thus, meeting quorum was achieved.

- The proposed agenda (S00-20000606-001R2) was reviewed and approved without objection as submitted. The contributions were numbered and assigned to agenda items.

   The Chair noted that on Wednesday 6/7/00 at 3:30 PM, a joint TSG-S WG1 and TSG-C WG1 will be held at the Delta Pinnacle Hotel to discuss the 1x enhancements requirements.

   In addition, the All IP AdHoc meetings will be held on Thursday and Friday in parallel with the WG1 meetings.

   Based on the availability of the PMT Chair, the schedule for the PMT and WG2 meetings were swapped and noted in S00-20000606-001R3.

- Contributions were documented in S00-20000606-000R1. All contributions were distributed as soft copy only.

- The meeting summary for 5/00 in Las Vegas, NV (S00-20000606-002) was presented and approved without objection as submitted.

- CORRESPONDENCE - None discussed.

- LIAISON REPORTS

   - TSG-A:

      - Approved balloted comments from both TIA (IS-2001) and TTC on A.S0001 (IOS v4.0.1). This document will be republished by TSG-A as A.S0001.1.

      - Starting IOS v4.1 to include concurrent service and PSDN selection.

   - TSG-C:

      - Also working on 1x enhancements including review of CDG SRD and board resolution

      - Requested joint meeting on the subject of 1x enhancements requirements for this week.

- TSG-N:

    - AH and USCF are in re-ballot process. Due to changes in functionality, new document numbers were assigned as indicated in TSG-N correspondence (S00-20000606-013) to be discussed later under WG1 issues.

    - Ed Schlein (Sprint PCS) has indicated he will no longer be able to serve as liaison to TSG-S and M. Ohashi (KDD) will be serving in as an interim liaison until a replacement can be determined.

- TSG-P: No Report.

- All IP AdHoc:

    - 5/00 meeting in Las Vegas made substantial progress on requirements. They are targeting completion of a semi-final version of that document at their meeting this week.

    - Scott Migaldi (Motorola) has been replaced by Chuck Ishman (Motorola) as the NAM Editor. E-mail discussions on NAM function blocks have begun and will be the primary topics of discussion for this week.

    - The AdHoc's final meeting is scheduled for September 2000 in Korea.

- TR45: An unofficial summary of the 5/3-6/1/00 TR45 meeting held in Chicago, IL (S00-2000605-006) was presented by the Secretary as FYI.

- TR45 ISD ADHOC: No report.

- TR45.7: The TR45.7 report to TR45 (S00-2000605-007) was noted as FYI.

- TR45 NAG: The NAG Liaison report (S00-2000605-016) was presented as FYI. This contribution included the following information.

    - Two (2) meetings have been held to discuss the TR45 NRM

    - TSB-100 update is scheduled for ballot in August and final publication in November 2000.

- TR45 AHAG:

    - AHAG report to TR45 (S00-2000605-009) was noted as FYI.

    - AHAG Liaison report (S00-2000605-015) was presented by the AHAG Liaison. This contribution summarized the status of the AKA review with 3GPP.

- ITU: No formal report. A copy of the 3GPP2 overview presentation which was scheduled to be presented at the 3G Seminar for the ITU-T Rapporteur's meeting (S00-2000605-011) was noted as FYI.

- WAP FORUM: An introductory report from the new 3GPP2 SC Liaison to the WAP Forum (S00-2000605-022) was presented. This contribution noted that the WAP Forum was starting discussions on provisioning. This contribution was presented as FYI.

- OLD BUSINESS:

  - WG1 ISSUES

    - Correspondence dated 5/15/00 from TSG-N regarding AH an USCF (S00-2000605-013) was presented. This contribution was remanded to WG1 for action and to the PMT to note the change in document number.

    - A contribution on Evolution of the cdma2000 1x Standard (S00-2000605-005) was presented by CDG. This contribution included both a resolution by their board regarding recommended direction and priority of work as well as their SRD for the 1x enhancements.

      This contribution proposed a two (2) phased activity based on their concern that full implementation of real-time services (i.e., 1XTREME, LAS-CDMA) would take longer and, therefore, should be delayed beyond Release B and that HDR should be implemented as Phase 1. There was some discussion on the basis for that concern.

      This contribution was remanded to WG1 for consideration.

    - The 1x enhancement requirements document Editor noted that two (2) contribution numbers had been inadvertently assigned to the requirements document. Therefore, S00-20000606-003 was withdrawn.

    - The initial draft of the Stage 1 description on High Speed Data Enhancements for cdma2000 1x (S00-2000605-017) was presented and reviewed by the Editor. It was noted in the discussion that the Editor had misunderstood his assignment and attempted to incorporate the requirements from CWTS which had been approved in principle at the last meeting. The group directed that the incorporated requirements be removed prior to consideration by WG1. This document was then remanded as modified (S00-2000605-017R1) to WG1 for consideration.

    - A contribution on required standardization schedule for 1x evolution (S00-2000605-020) was presented by 13 Japanese companies. This contribution recommended the release of a 1x evolution technology based on HDR in the timeframe of Release B. This document was remanded to both WG1 and the PMT for consideration.

    - A proposal on how to move forward with enhanced 1x in Release B (S00-2000605-021) was presented by LinkAir on behalf of CWTS. This contribution was remanded to both WG1 and the PMT for consideration.

- W2 ISSUES

    - Correspondence dated 5/19/00 from T1M1 to TSG-S and 3GPP TSG-SA regarding the collaboration between 3GPP and 3GPP2 on OAM&P specifications (S00-2000605-014) was presented. This contribution requested all available information on this collaboration by the 8/2000 T1M1 meeting. This contribution was remanded to WG2 for response as appropriate.

- PMT ISSUES

    - The TR45 2000 workplan as presented by the TR45 ISD AdHoc at the recent TR45 meeting (S00-2000605-008) was presented. This contribution was remanded to the PMT for review and comment by the closing Plenary as required.

    - A version numbering proposal which prepared by the Document Management AdHoc and subsequently discussed with TSG-C (S00-2000605-019) was presented. The Editor noted that TSG-C had the following comments:

        - The "Y" indicator should be incremented for TSG approval, not an SDO ballot indicator as currently noted.

        - There is also some concern regarding the handling of document addenda.

        The AdHoc was directed to continue to solicit the resolution of TSG-C concerns by the closing Plenary.

        This contribution was remanded to the PMT.

    - GLOSSARY TERMS

        - A contribution on proposed terminology for wireless access applications (S00-2000605-012) was presented by Nortel Networks. This contribution was remanded to WG1 and PMT for consideration and a recommendation on action by closing Plenary.

- NEW BUSINESS:

    - A request to include Call Type Based Access Control in Release B (S00-2000605-004R1) was presented by DDI, IDO, and KDD. Under this proposal, access attempts are individually controlled by call type (i.e., data or voice) and service option. This contribution was remanded to WG1 for analysis and to PMT for tracking. The contributor noted that this contribution had also been submitted to TSG-C.

The Plenary was recessed on 6/5/00 at approximately 11:20 AM local time.

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CLOSING PLENARY

The Plenary was reconvened at 2:05 PM local time on 6/9/00 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 (S00-20000606-041) was presented by WG1 Chair, Nick Mazzarella (Lucent) as FYI.

• Had substantial discussions on cdma2000 1x enhancements. The CDG SRD was reviewed and a preliminary gameplan was developed in preparation for a joint meeting with TSG-C WG1. Developed recommendation to PMT that two (2) separate work items be listed as follows:

• High Speed Data Enhancements for cdma2000 1x - Data Only

• High Speed Data Enhancements for cdma2000 1x - Integrated Voice and Data

• At the joint meeting, this group heard TSG-C gameplan and schedule requirements. As a result, modifications to the TSG-S WG1 proposed gameplan were required.

• A requirements document for the High Speed Data Enhancements for cdma2000 1x - Data Only, based on the CDG SRD for 1xEV Phase 1, was developed and subsequently approved at the WG1 level. Based on the fact that this document had been completely rewritten from its original submission (S00-20000606- 013), the Editor had requested and was assigned a new contribution number (S00-20000606-056). In doing so, contribution number S00-20000606-013 was withdrawn.

• Based on lack of time, V&V activities were remanded to off-line processes.

• Regarding the remanded contribution from Nortel Networks related to terminology for wireless access applications (S00-20000606-012), action deferred pending notification with the CDG WLL group.

• Reviewed a Stage 1 for Personal Mobility.

• Deferred action on LBSS until next meeting.

• Began work on Call Type Based Access Control .

• The TSG-C WG1 Chair extended an invitation for additional joint meetings as necessary in July 2000 in support of cdma2000 1x evolution requirements development activities.

- The High Speed Data Enhancements for cdma2000 1x - Data Only (S00-20000605-056) was approved for TSG-S publication without objection. The version number was updated to 1.0, the version date was updated, and the document number was modified to S.R0023 (S00-20000605-056R1). The TSG-C Liaison was authorized to release to the TSG-C e-mail exploder in advance of formal submission at their next meeting.

- Proposed correspondence to TR45.1 regarding Call Type Based Access Control (S00-20000605-057) was presented from WG1. This correspondence requested the latest editable version of PN-4864 (update of TSB-16) for TSG-S use in this development activity. This correspondence was approved without objection as modified by the discussion.

- Proposed correspondence to CDG regarding wireless access application terminology (S00-20000605-058) was presented from WG1. This contribution was approved with objection as modified by the discussion (S00-20000605-058R1).

- Proposed correspondence to the 3GPP2 SC Chair regarding the TSG-S activities on cdma2000 1x evolution (S00-20000605-046) was presented by the Editor. This contribution was approved without objection as modified by the discussion (S00-20000605-046R2).

- WG2 Report (S00-20000606-042) was presented by the WG2 Chair, Masaaki Yoshimura (Hitachi) as FYI.

  - Reviewed correspondence from T1M1 regarding collaboration between 3GPP2 and 3GPP related to OAM&P activities. Based on this correspondence, Jöerg Schmidt (Motorola) was assigned as a TSG-S Liaison for T1M1.

  - Discussed ISDN Interworking. TTC will be requested to confirm their continued interest in this project. Preliminary indications are that, if this support is implemented, a single 128 Kbps connection should be used.

  - Correspondence to TR45.7 regarding TSG-S comments on ITU-T Q24/4 (S00-20000606-054) was presented. This contribution was accepted without objection for transmission as modified by the discussion (S00-20000606-054R1).

- PMT Report (S00-20000606-043) was presented by PMT Chair, Bob Plunkett (Quicksilver).

  - Spent most of the time reviewing the 3GPP2 workplan.

  - Accepted WG1 recommendation to split the High Speed Data Enhancements line item into two (2) separate workplan line items.

- Discussion on documentation standards was deferred until other TSGs can be consulted.

- Correspondence to all TSGs regarding the most recent versions of the 3GPP2 workplan, the workplan line item descriptions, and the approved specification list was presented. These documents included the following:

  - Cover correspondence (S00-20000606-059)

  - 3GPP2 Release B Workplan v18 (S00-20000606-060)

  - 3GPP2 Release B Work Item Descriptions v1.2 (S00-20000606-061)

  - 3GPP2 Approved Specification List v.12 (S00-20000606-062)

  These documents were all approved without objection for transmission.

- LIAISON REPORTS AND CORRESPONDENCE

  - The TSG-C Liaison Report - 6/7/00 (S00-20000606-045) was presented by the TSG-C Liaison. This report documented the TSG-C discussions that were related to the TSG-C recommended gameplan (attached to the contribution) that was the basis for their position at the joint TSG-C WG1/TSG-S WG1 meeting which was held earlier in the week. This contribution was introduced in the WG1 meeting prior to the joint meeting and was presented here at the Plenary as FYI.

  - The TSG-C Liaison Report - 6/9/00 (S00-20000606-049) was presented by the TSG-C Liaison. This report documented the TSG-C activities for this week and was presented as FYI. Additional contributions related to this submission, also presented by the TSG-C Liaison, included the following:

    - Correspondence dated 6/9/00 from TSG-C to the 3GPP2 SC Chair regarding the status report on TSG-C activities related to the evolution of cdma2000 1x (S00-20000606-050) was presented as FYI. This contribution included the following attachments:

      - CDG contribution on cdma2000 1x evolution

      - TSG-C position and gameplan statement on cdma2000 1x evolution

      - TSG-C 2000 workplan

    - Correspondence dated 6/9/00 from TSG-C to CWTS regarding TSG-C gameplan on addressing the CWTS requirements (S00-20000606-051) was presented as FYI.

    - The TSG-C 2000 workplan (S00-20000606-052) was presented. This contribution was remanded to the PMT for incorporation into the 3GPP2 Release B workplan.

- • The TSG-C proposal for 3GPP2 reference document numbering (S00-20000606-053) was presented. This contribution was left open at the Plenary level for discussion at a joint TSG-C/TSG-S Leadership meeting to be scheduled in July 2000.

  - • The terms of reference for the new ETSI SMG9 (S00-20000606-047) were presented on behalf of the 3GPP2 SC Chair. This contribution was presented as FYI.

  - • The summary of the ETSI General Assembly 3/00 meeting where the SMG9 terms of reference were discussed (S00-20000606-048) was also presented as FYI.

  - • The Liaison Report from ITU-R WP8F regarding revision cycles for IMT-2000 specifications (S00-20000606-055) was presented as FYI. No action by TSG-S was required.

- • OLD BUSINESS:

  - • Based on concerns that the modifications to AH and USCF imposed by the technical difficulties reported by TSG-N, WG1 was reminded that the TSG-N correspondence on this subject (S00-20000606-013) had been previously remanded to them and that, based on these concerns, they should review the new Stage 1 descriptions in detail.

- • NEW BUSINESS:

  - • Based on the projected amount of work for this TSG next month, specifically in WG1, the group agreed to start the TSG-S meeting on the afternoon of Monday 7/10/00 instead of the morning of Tuesday 7/11/00 as currently scheduled, pending the availability of meeting space to be confirmed by the 3GPP2 Meeting Planner.

  - • A two (2) hour joint meeting with TSG-C WG1 was tentatively scheduled for 3:30 PM on Wednesday 7/12/00 for continued discussions on cdma2000 1x evolution requirements.

- • ASSIGNMENTS: None noted.

- • FUTURE MEETINGS:

  - • 7/10-13/00*   Mauna Lani Hotel in Hawaii, HI

  - • 8/22-25/00   Sheraton Fisherman's Wharf Hotel in San Francisco, CA

  - • 9/19-21/00   Seoul, Korea

    * See note in new business section.

  An updated version of the TSG-S 2000 meeting schedule (S00-19990817-011R9) was noted as FYI.

This meeting was adjourned on 6/9/00 at 4:40 PM local time.

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

NUMBER	SUBJECT	SOURCE
OPENING PLENARY - 3GPP2-S00-20000606-		
000	CONTRIBUTION REGISTER	SECRETARY
001	AGENDA	CHAIR
002	Meeting Summary - 5/00 - Las Vegas, NV	SECRETARY
003	WITHDRAWN	N/A
004	Call type based overload control	DDI/KDD/IDO
005	Evolution of the cdma2000 1x standard	CDG
006	Unofficial TR45 meeting summary - 0005	SECRETARY
007	TR45.7 report to TR45	TR45.7
008	TR45 2000 workplan	TR45 ISD ADHOC
009	TR45 AHAG report to TR45	TR45 AHAG
010	TR45 UIM-ESN AdHoc report to TR45	TR45 UIM-ESN ADHOC
011	ITU-T 3G seminar	ITU-T LIAISON
012	Wireless Access Terminology	NORTEL NETWORKS
013	Correspondence on revision of USCF and AH	TSG-N
014	Correspondence to 3GPP and 3GPP2 on OAM&P collaboration	T1M1
015	AHAG Liaison Report	AHAG LIAISON
016	NAG Liaison Report	NAG LIAISON
017	Stage 1 Description for High Speed Data Enhancements for cdma2000 1x v0.1 (document structure proposal)	EDITOR
018	TR45/3GPP meeting analysis	QUALCOMM
019	Version numbering proposal	TSG-S DOCUMENT MGMT ADHOC
020	Required standardization schedule for 1x evolution	13 JAPANESE COMPANIES
021	Proposal on how to move forward with enhanced 1x in Release B	CWTS, LINKAIR, and CHINA UNICOM
022	WAP Liaison Report	WAP LIAISON
WG1: FEATURE/SERVICE REQUIREMENTS - 3GPP2-S10-20000607-		
001	AGENDA	CHAIR
002	Summary of WG1 Meeting on May (S00-20000509-041R1, R2)	CHAIR
003	Draft Stage 1 of Personal Mobility	EDITOR
004	TSG-C Liaison Report- 6/7/00	TSG-C LIAISON
005	LBSS Editor's V&V Version	V & V CHAIR
006	Stage 1 Definition	V & V CHAIR
007	Video Conferencing Stage 1 V&V version 0.2.0	EDITOR
008	Video Streaming Stage 1 V&V version 0.2.0	EDITOR
009	TIA/EIA/664 Wireless Local Loop and Wireless Pay Phone Issues	LUCENT/MOTOROLA

010	Fixed Wireless Access Description	TSG-S PMT CHAIR
WG2: OAM&P AND NRM - 3GPP2-S20-20000607-		
001	Agenda	CHAIR
002	Summary of Meeting on May 10	CHAIR
003	Comments for ITU-T Draft Recommendations M.3210.imtsec and M.3210.imtsp	CHAIR
004	3GPP IRP Specifications for 3G Configuration Management and Fault Management	MOTOROLA
PMT: PROJECT MANAGEMENT TEAM - 3GPP2-S30-20000606-		
001	Agenda	CHAIR
002	Meeting Minutes from Las Vegas	CHAIR
003	Document Numbering	CHAIR
004	WLL-WPP Description	LUCENT
005	TSG-N Corr. On USCF and AH	TSG-N
006	3GPP2 Workplan v17 Working Version	CHAIR
007	Proposed Work Item Descriptions V1.2	CHAIR
008	Draft Corr. On Workplan	CHAIR
009	3GPP2 Coordination	CHAIR
010	Japan Required Standardization Schedule	13 JAPANESE COMPANIES
011	Recommendations on Moving Forward with 1x	CWTS
012	TR45 ISD Report	TR45 ISD ADHOC
013	Doc Management Version Numbering	DOC MGMT ADHOC
014	Wireless Access Terminology	NORTEL
015	Call Type Based Access Control	DDI
016	Updated Specifications List v1.2	CHAIR
017	Proposed Fixed Wireless Access Description	CHAIR
CLOSING PLENARY - 3GPP2-S00-20000606-		
041	WG1 Report	WG1
042	WG2 Report	WG2
043	PMT Report	PMT
044	V&V Report (no report)	V&V CHAIR
045	TSG-C Liaison Report - 6/7/00	TSG-C LIAISON
046	Proposed correspondence to SC Chair regarding evolution of cdma2000 1x	SECRETARY
047	Terms of reference for the new ETSI SMG9	3GPP2 SC CHAIR
048	ETSI general assembly meeting summary	3GPP2 SC CHAIR
049	TSG-C Liaison Report - 6/9/00	TSG-C LIAISON
050	Correspondence dated 6/9/00 from TSG-C to 3GPP2 SC Chair regarding TSG-C activities related to the cdma2000 1x evolution	TSG-C

051	Correspondence dated 6/9/00 from TSG-C to CWTS regarding response to their requirements	TSG-C
052	TSG-C 2000 workplan	TSG-C
053	Proposal for 3GPP2 document numbering scheme	TSG-C
054	Correspondence to TR45.7 regarding OAM&P issues	WG2
055	Liaison from ITU-R WP8F	SC CHAIR
056	S.P0023 High Speed Data Enhancements for cdma2000 1x - Data Only	WG1
057	Correspondence to TR45.1 regarding Call Type Based Access Control	WG1
058	Correspondence to CDG-WLL regarding wireless access terminology	WG1
059	Correspondence to all TSGs regarding 3GPP2 workplan	PMT
060	3GPP2 Release B workplan v18	PMT
061	3GPP2 Release B Work Items Descriptions v1.2	PMT
062	3GPP2 approved specification list v1.2	PMT

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.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	Development
S.P0021	Video Streaming Stage 1	V&V
S.P0022	Video Conferencing Stage 1	V&V
S.P0024	WLL Stage 1	In development
S.P0025	WPP Stage 1	In development

3GPP2 QUORUM ROLL CALL				
TSG-S (Systems and Services Aspects)				
July 10, 2000				
COMPANY	**Attendance 06/06/00**	**Attendance 06/09/00**	**Consecutive Mtgs Missed**	**Quorum Status at Mtg Start**
ALPS			3	**0**
AT&T			3	**0**
VERIZON WIRELESS	1		3	**0**
BELL MOBILITY			3	**0**
COMVERSE NETWORKS SYSTEMS			0	0
DDI	1		0	1
DOCOMO US LABORATORIES	1		0	0
ERICSSON	1		0	1
FUJITSU	1		1	1
GEMPLUS			2	1
GTE			2	1
HITACHI	1		0	1
HUGHES NETWORK SYSTEMS			2	1
HYUNDAI			1	1
IDO	1		3	**0**
INTEL	1		0	1
KDD	1		2	1
LG TELECOM			0	1
LGIC	1		0	1
LINKAIR COMMUNICATIONS	1		0	0
LUCENT	1		0	1
MOTOROLA	1		0	1
NEC	1		0	1
NOKIA	1		0	1
NORTEL NETWORKS	1		0	1
OKI TELECOM	1		0	1
PANASONIC			3	**0**
PHILLIPS			3	**0**
QUALCOMM	1		0	1
QUICKSILVER TECHNOLOGY	1		0	0
RADIO RESEARCH LAB			3	**0**
SAMSUNG			1	1
SBC			3	**0**
SONY			3	**0**
SPRINT PCS			0	1
SYNACOM			3	**0**
TOSHIBA			3	**0**
US WEST			3	**0**
VODAFONE-AIRTOUCH			2	1
TOTALS	**14**	**0**		**22**
QUORUM CALCULATION	**64%**	**0%**		
ADDITIONS				
TELCORDIA	1		0	0
			0	0
			0	0
			0	0
			0	0
OBSERVERS AND GUESTS				
CDG	1			
				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