1 **Title:**

2 **APPROVED TSG-S ALL IP ADHOC MEETING SUMMARY - 14-15 MARCH 2001**

3 **Source:**

4 Clif Barber

5 SECRETARY
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8 **Abstract:**

9 This document summarizes the meetings of the 3GPP2 TSG-S All IP AdHoc that were held in Maui, HI
10 during the period of 14-15 March 2001.

11 **Recommendation:**

12 For review and approval.

13

14 **Notice:**

1 During the period of 14-15 March 2001, a meeting of the 3GPP2 TSG-S All IP AdHoc was held at
2 the Outrigger Wailea Hotel in Maui, HI. This report is intended to summarize those discussions.

3 1.   CALL TO ORDER AND OPENING REMARKS: The meeting was called to order on
4   14 March 2001 at 1:30 PM local time by All IP AdHoc Vice Chair, Mike Dolan (Lucent).

5 2.   ATTENDANCE REGISTRATION: Attendance was taken using an electronic sign-in sheet
6   that was loaded onto the server. This sign-in sheet indicated approximately 30 persons in
7   attendance.

8 3.   ADOPTION OF AGENDA: The proposed agenda (S00-ALLIP-20010314-001R3) was
9   presented and approved without objection as submitted.

10 4.   ASSIGNMENT OF CONTRIBUTIONS TO AGENDA ITEMS: Contribution numbers were
11   listed in the Document Register (S00-ALLIP-20010314-000). Contribution numbers were
12   assigned to agenda items.

13 5.   REVIEW/ACCEPTANCE OF PREVIOUS MEETING SUMMARY: The summary of
14   February 2001 meeting which was held in Phoenix, AZ (S00-ALLIP-20010314-002) was
15   presented and approved without objection as submitted.

16 6.   CORRESPONDENCE:

17   •   Correspondence dated 16 February 2001 from TSG-N regarding TSG-S All IP
18   AdHoc decision making policy (S00-ALLIP-20010314-006) was presented by the
19   TSG-N Liaison. This correspondence expressed concern that the AdHoc reversed an
20   earlier agreement between TSG-N, TSG-P, and the AdHoc regarding TSG-N
21   responsibility for interface 33.

22   The discussion noted that the AdHoc Status Report indicated that the AdHoc suggested
23   reversal of the decision and, as such, no decision was made by the AdHoc. The
24   AdHoc decided to postpone the decision based on the AdHoc's belief that the intent of
25   the reference point was not clearly understood.

26   The situation had also been explained to TSG-P. TSG-P did indicate that they
27   misunderstood the situation and that they should indeed be responsible for interface 33.

28   The Secretary agreed to write a response correspondence clarifying this issue for
29   review later in the agenda.

30 7.   LIAISON REPORTS:

31   •   TSG-A: The TSG-A Liaison report (S00-ALLIP-20010314-009) was presented by
32   the TSG-A Liaison. This contribution indicated the following:

33   •   Ballot resolution for IOS v4.1 (A.S0001-A) is scheduled for completion this
34   month.

35   •   Completed feature definition for IOS v4.2 (A.S0001-B) last month.

36   •   IP-Transport-in-the-RAN is in progress.

1. • 1xEV-DO support is expected to be ready for publication in May 2001. This will be published separately from IOS v4.2. Most of the technical issues seem to be related to handoff scenarios between 1x and 1xEV-DO mobiles. A proposed 1xEV-DO RAN architecture was included in the report.

• Open IP-RAN Architecture study and analysis report is scheduled for completion by 1 June 2001. This report will be used as input for development of baseline text for the IP-base RAN in 2H01. A draft of possible connection options between RAN versions and core networks was also included in the report.

The TSG-A Liaison was directed to review the evolution plan for discussion with TSG-A.

Other TSG-A issues will be addressed in review of workplan related issues.

• TSG-C: No report.

• TSG-N: The section on the closing Plenary of the last TSG-N meeting from the TSG-N Liaison report to TSG-S (S00-20010312-020) was presented by the TSG-N Liaison. Issues of concern to the AdHoc were noted as follows:

• Need to change procedures associated with NAM requirements and the workplan.

• Concerns were noted regarding the AdHoc's "reversal" of the TSG-N/TSG-P decision on responsibility for All IP NAM interface 33.

• Requested clarification of the role of the AdHoc.

• Concerns regarding the scheduling of the Message Flow JEDI.

• AdHoc Open Items List still shows the distribution of work between TSG-N and TSG-P to be an open item. TSG-N believes this item should be closed.

In response to these concerns, the following actions were noted:

• New change procedures for the requirements and the responsibility matrix will be considered at this meeting.

• Response correspondence regarding the interface 33 issue is in process.

• Regarding the clarification of the AdHoc role, new Terms of Reference will be discussed at this meeting.

• Regarding schedule problems associated with the JEDIs:

• All future JEDIs will be scheduled from 5-7 PM on one (1) of the days during the mid-week meeting cycle to avoid conflict with other TSG meetings.

• All TSGs are asked to take this into consideration in their meeting planning. In addition, JEDIs will be announced at the close of the current meeting for the subsequent month and then announced at the closing Plenaries of the TSGs by their All IP Liaisons.

1 • A new exploder (i.e., allipjedi@3gpp2.org) has been setup for
2   discussions related to the All IP JEDIs.

3 • The TSG-N Liaison was notified that the open item for distribution of work
4   between TSG-N and TSG-P cannot be closed until final consensus on the
5   interface 33 issue.

6 • TSG-P: A verbal report from the TSG-P Liaison indicated the following:

7 • The legacy release of packet date services (IS-835) will be scheduled as a C3
8   item.

9 • The All IP work will be a C4 release but high level descriptions are still
10   required.

11 • Nearing consensus on Header Compression issue.

12 • JEDI will be required for IPv6 interworking. This will have an impact on
13   TSG-N.

14 • 3GPP2 CHAIR'S MEETING: A brief summary of the 3GPP2 Chair's meeting which
15   was held in Phoenix last month.

16 8. JOINT MEETINGS FOR NEXT MONTH: At this point, no joint meetings are projected but
17   the AdHoc is open to a joint meeting if so desired by any collocated TSG.

18 9. PROCEDURES:

19 • Proposed procedures for changing the All IP Responsibility Matrix
20   (S00-ALLIP-20010314-012) were presented by the Chair. This procedure was
21   approved without objection as modified by the discussion (S00-ALLIP-20010312-
22   012R2) for transmission to all TSG Chairs.

23 • Proposed procedures for changing the All IP Requirements (S00-ALLIP-20010314-
24   013) were presented by the Chair. The group decided not to approve these
25   procedures but to reconsider the purpose and direction for this document. Henrik
26   Bassilier (Ericsson) agreed to review this issue and to present a proposal later in the
27   agenda.

28 • The open contribution on All IP Project - Proposed Statement of Direction
29   (S00-ALLIP-20010116-003) from Ericsson was noted. The contributor indicated
30   satisfaction that all issues have been addressed and the contribution was closed.

31 • The open contribution on Directions Forward for the TSG-S All-IP Ad Hoc Group
32   (S00-ALLIP-20010116-009) from the Vice Chair was noted. The contributor
33   indicated satisfaction that all issues have been addressed and the contribution was
34   closed.

1   10.   OLD BUSINESS:

2   •   TERMS OF REFERENCE

3   •   The proposed new Terms of Reference for the TSG-S All IP AdHoc
4   (S00-20010312-024) was presented and reviewed. This document was
5   approved for recommendation to the TSG-S Plenary as modified by the
6   discussion (S00-20010312-024R2).

7   •   REQUIREMENTS, FEATURES, AND SERVICES

8   •   A contribution on All IP handoff matrix (S00-ALLIP-20010314-005R1) was
9   presented by Sprint PCS. This contribution presented recommendations for
10   handoff scenarios to be supported.

11   •   Items 1-16 will be added to the current All IP Project Plan for Release
12   C4.

13   •   All other items were classified "for further study".

14   •   A contribution on IS-664 requirements (S00-ALLIP-20010314-007) was
15   presented on behalf of Sprint PCS. This contribution listed the features
16   included in TIA/EIA/IS-664 and included specific recommendations on whether
17   or not each feature should be supported in the All IP Network. These
18   recommendations were accepted without objection. The items indicated to be
19   supported will be added to the Project Plan for the C4 release and those
20   indicated as TBD will be added to the list for further study.

21   •   A contribution on inputs to Stage 1 requirements (S00-ALLIP-20010314-010)
22   was presented by Ericsson. This contribution contains input on five (5) features
23   with respect to their Stage 1 requirements. Participants were requested to
24   review this input and provide comments to the contributor. The contributor was
25   requested to further develop these requirements and make specific related
26   contributions to TSG-S WG1.

27   •   A contribution which proposed moving of requirements 6.1.11 b-e to the
28   multimedia section (S00-ALLIP-20010314-011) was presented by Ericsson.
29   This contribution recommended that requirements previously classified as
30   general requirements should be reclassified as IP multimedia requirements. This
31   recommendation was accepted. However, since there was some question on
32   whether or not the Requirements Document itself will be supported long term,
33   the Project Plan Editor agreed to incorporate these recommendations into the
34   Project Plan. The volunteers for the specifications of the features in question
35   were directed to note that these features applied to the IP Multimedia Domain
36   only.

- A Draft Stage 1 Feature Description for the UIM Support in All IP Networks (S00-ALLIP-20010314-015) was presented by Nokia. Some minor suggestions were made to the Editor during the discussion but there was general consensus that the Editor was on the right track. The contributor was directed to continue to flesh out this description and then submit to TSG-S WG1.

  In addition, the discussion noted that the Stage 1 format does not work well for IP Multimedia services. The Stage 1 Template Editor indicated that the template was indeed based on legacy services and had never before been applied to IP Multimedia services and, as such, a revised or drastically modified template may be required. All comments regarding the template design should be directed to the Stage 1 Template Editor, Clif Barber (Oki Network Technologies).

- A Draft Stage 1 Feature Description for the transparency of legacy features in All IP Networks (S00-ALLIP-20010314-016) was presented by Nokia. Some minor suggestions were made to the Editor during the discussion but there was general consensus that the Editor was on the right track. The contributor was directed to continue to flesh out this description and then submit to TSG-S WG1.

  During the discussion, the group agreed that the user interface issues for services in the IP Multimedia Domain should not be specified. However, the indications/results of user and/or network actions that need to be passed between the MS and the network must be noted.

- A contribution on mobility requirements for the All IP Network (S00-ALLIP-20010314-017) was presented by Nokia. This contribution recommended clarification to existing requirements on roaming and the addition of new mobility requirements. The recommendations in this contribution were approved as modified by the discussion (S00-ALLIP-20010314-017R3) for incorporation into the Project Plan. In addition, this document was remanded to all participants for consideration in the development of Stage 1 requirements.

- The open contribution on Proposed change to All IP Requirements - Registration (S00-ALLIP-20010116-004) from Ericsson was noted. The contributor indicated satisfaction that all issues have been addressed and the contribution was closed.

- The open contribution on issues related to mobile station domains and phasing of functionality (S00-ALLIP-20010116-006) from Ericsson was noted. The contributor indicated satisfaction that all issues have been addressed and the contribution was closed.

- The open contribution which was correspondence dated 12 January 2001 regarding ALL IP requirements (S00-ALLIP-20010116-010) from the MWIF Liaison was noted. The contributor indicated that this document can still be used as input for new suggestions but and this contribution was closed.

- The open contribution on high level requirements proposed by MWIF (S00-ALLIP-20010116-016) from the MWIF Liaison was noted. The contributor indicated satisfaction that all issues have been addressed and the contribution was closed.

- The open contribution on TSG-S All IP AdHoc project documents (S00-ALLIP-20010116-019) from the Secretary was noted. The contributor indicated satisfaction that all issues have been addressed and the contribution was closed.

- The open contribution on clarification of the domain concepts for the continued All-IP effort within 3GPP2 (S00-ALLIP-20010213-009) from Ericsson was noted. The contributor indicated that the domain definitions included in this document had been agreed but that there were still several items which had still not been addressed. This document was remanded to the Evolution Document Editor for incorporation into the Evolution Document and this contribution was left open until that information has been incorporated.

- The open contribution on a proposed unified framework for QoS support in 3GPP2 All-IP and legacy networks (S00-ALLIP-20010213-010) from Ericsson was noted. The contributor indicated that this contribution could be closed and that he would take the action to update and resubmit in the future. However, this contribution was also remanded to the QoS Stage 1 Editor for consideration.

- The open contribution on proposed text for requirements 25-35 (S00-ALLIP-20010213-012) from Nokia was noted. This contribution was left open for consideration in the initial drafts of the Stage 1 work. In addition, this contribution was also remanded to the Project Plan Editor for incorporation as required into the Project Plan.

- The open contribution on comments on the Feature Descriptions (S00-ALLIP-20010213-015) from Ericsson was noted. The contribution was noted for consideration in the initial drafts of the Stage 1 work. However, with the permission of the contributor, this contribution was closed.

- A contribution on proposed split of the All IP Requirements document (S00-ALLIP-20010314-021) was presented by Ericsson. This document proposed that the All IP Requirements document be archived and the information be incorporated into other documents being developed by the AdHoc. These recommendations were approved as modified by the discussion (S00-ALLIP-20010314-021R1) but the document was left open pending the completion of the transfer of all information. Liaison correspondence to all TSGs transmitting this contribution as a statement of direction was directed to be prepared by the Secretary.

1   •   ARCHITECTURE

2   •   The open contribution on the proposed addition of a Proxy SCM (P-SCM) to
3   the NAM (S00-ALLIP-20010213-018) from Siemens was noted. The
4   contributor indicated satisfaction that all issues have been addressed and the
5   contribution was closed.

6   •   PROJECT MANAGEMENT

7   •   The All IP Project Plan v0.1 (S00-20010312-008) was presented as FYI.

8   •   The open contribution on input to the All-IP release and project planning
9   (S00-ALLIP-20010213-008) from Ericsson was noted. The contributor
10   indicated satisfaction that all issues have been addressed and the contribution
11   was closed. However, the Project Plan Editor agreed to review this
12   contribution to extract any items which are applicable to the Project Plan.

13   •   The All IP Project Plan work items dated 5 March 2001 (S00-ALLIP-
14   20010314-008) was presented and reviewed as FYI.

15   •   QOS:

16   No contributions were discussed but the Chair noted the following:

17   •   TSG-S WG1 has begun discussion on a QoS Stage 1. A contribution from
18   Motorola on this subject was also presented and those issues will be reviewed
19   by the QoS Stage 1 Editor for incorporation into the Stage 1.

20   •   JEDI discussions on this topic will be initiated on the JEDI e-mail exploder.
21   The QoS Stage 1 Editor, Cathy Fitzpatrick (Lucent), will be initiated once an
22   updated version of the Stage 1 is available. She will prepare a set of objectives
23   for the discussions and act as moderator to determine when a discussion thread
24   has terminated and the results should be incorporated. A face-to-face JEDI will
25   also be schedule for 9 April 2001 5-7 PM in Atlanta, GA.

26   •   OAM&P

27   •   Correspondence from ITU-T SG4 to 3GPP and 3GPP2 on IMT-2000
28   management (S00-ALLIP-20010314-014) was presented as FYI. The Chair
29   noted that this activity was being monitored by TSG-S WG2 but may require
30   AdHoc support in the future.

31   11.   NEW BUSINESS:

32   •   RELEASE DOCUMENT

33   •   The initial draft of the 3GPP2 All IP Network System Capability Guide v0.0.0
34   (S00-20010312-011) was presented and reviewed by the Release Document
35   Editor. The following comments were noted:

36   •   There was general consensus that this document should not include the
37   level of detail that the SCG for the legacy network includes and that the
38   All IP SCG should be designed as a "delta" document to the SCG for
39   Release C.

1   •   This document should incorporate the definitions section from the
2   current requirements document.

3   •   Based on the intent of the features and services table lists to link the
4   Stage 1 descriptions to the specifications where they are implemented,
5   those tables should reflect that a single Stage 1 may be implemented in
6   various specifications from multiple TSGs.

7   •   This document should include a high level overview of the reasons that
8   the All IP Network is being developed.

9   •   This document should also include a release mission statement.

10   The Editor agreed to revise and resubmit on a monthly basis.

11   •   EVOLUTION DOCUMENT

12   •   The initial draft of the 3GPP2 All IP Evolution document (S00-ALLIP-
13   20010314-018) was presented by the Evolution Plan Editor. This document
14   was not explicitly reviewed but was remanded at all AdHoc participants for
15   discussion using the AdHoc e-mail exploder. The Editor will also call a
16   teleconference on 3 April 2001 at 6:00 PM. East coast time to review this
17   document. Call in info will be broadcast on the AdHoc exploder.

18   •   MESSAGE FLOW JEDI

19   •   The Message Flow JEDI was held on 13 March 2001.

20   •   The group agreed that the current NAM message flows will be reviewed. Eight
21   (8) have now been assigned.

22   •   The group agreed that, as message flows reach a level of completion, they will
23   be added to technical report to be shared with all TSGs. No decision has yet
24   been reached on whether or not this technical report will be published.

25   •   A second face-to-face JEDI has been scheduled for 10 April 2001 5-7 PM in
26   Atlanta.

27   •   IPv4/IPV6 JEDI

28   •   The group agreed that an IPv4/IPV6 JEDI will be required. Henrik Basilier
29   (Ericsson) agreed to Chair this activity. The primary focus will be
30   interoperability between the two (2) IP versions.

31   •   The JEDI Chair will broadcast a list of issues for discussion on the JEDI e-mail
32   exploder.

33   •   This JEDI will be initiated as an e-mail discussion in preparation for a
34   face-to-face JEDI on 11 April 2001 in Atlanta.

35   12.   ASSIGNMENTS:

36   •   The All IP Open Items List (S00-ALLIP-20010314-004) was reviewed and all status
37   and assignment information was updated (S00-ALLIP-20010314-004R1).

1 • All AdHoc participants are requested to review the previously broadcast Stage 1
2 template with regarding to applicability to IP Multimedia features and services.
3 Comments should be directed to Stage 1 Template Editor, Clif Barber (Oki Network
4 Technologies).

5 • Project Plan Editor should update All IP Project Plan per actions indicated herein and
6 broadcast updated Project Plan to All IP Project Plan exploder.

7 • All IP SCG Editor should update All IP SCG for review at the next meeting.

8 • The QoS JEDI Coordinator should prepare objectives for QoS JEDI discussions and
9 updated QoS Stage 1 for broadcast on the All IP JEDI exploder.

10 • The IPv4/IPv6 JEDI Coordinator should prepare objectives for IPv4/IPv6 JEDI for
11 broadcast on the All IP JEDI exploder.

12 • The Evolution Plan Editor should broadcast call in info related to the 3 April 2001
13 conference call on the AdHoc exploder.

14 • The AdHoc Vice Chair will broadcast instuctions on the initiation of e-mail discussions
15 on all All IP exploders.

16 13. OUTGOING CORRESPONDENCE APPROVALS:

17 • Correspondence to all TSG Chairs regarding procedures for changing the All IP
18 Responsibility Matrix (S00-ALLIP-20010314-012R2) was previously approved for
19 transmission.

20 • Proposed correspondence to TSG-N and TSG-P regarding responsibility for interface
21 33 and in response to the TSG-N correspondence on TSG-S All IP AdHoc decision
22 making policy (S00-ALLIP-20010314-019) was presented. This correspondence was
23 approved without objection as modified by the discussion (S00-ALLIP-20010314-
24 019R1) for transmission.

25 • Proposed correspondence to TSG-N from TSG-S regarding issues of concern
26 associated with the TSG-S All IP AdHoc (S00-ALLIP-20010314-020) was
27 presented. This correspondence was approved without objection as modified by the
28 discussion (S00-ALLIP-20010314-020R2) to be forwarded to TSG-S.

29 • Proposed correspondence to all TSGs liaising the AdHoc's new direction related to the
30 All IP Requirements Document (S00-ALLIP-20010314-023) was presented. This
31 correspondence was approved without objection for transmission as modified by the
32 discussion including the incorporation of the approved strategy for the information
33 currently in the Requirements Document (S00-ALLIP-20010314-023R3).

34 • The proposed All IP AdHoc Status Report for 15 March 2001 (S00-ALLIP-
35 20010314-022) was presented. This contribution was approved without objection as
36 modified by the discussion (S00-ALLIP-20010314-022R2) for transmission to all
37 TSGs.

1   14.   FUTURE MEETINGS:

DATE	LOCATION
10-12 April 2001	Renaissance Waverly Hotel in Atlanta, GA
8-10 May 2001	Beijing, China
13-15 June 2001	Metropolitan Hotel in Vancouver, BC

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3   14.   ADMINISTRATION AND OTHER BUSINESS: None.

4   15.   ADJOURNMENT: The meeting was adjourned on 15 March 2001 at 3:10 PM local time.

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1   **CONTACT LIST:**

POSITION	ASSIGNEE	E-MAIL
MANAGEMENT TEAM		
CHAIR	Mark Lipford (SPCS)	Mlipfo01@sprintspectrum.com
VICE CHAIR	Mike Dolan (Lucent)	mfdolan@lucent.com
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\multicolumn{4}{l}{**3GPP2-S00-ALLIP-20010314-**}			
NUMBER	**TITLE**	**SOURCE**	**DISPOSITION**
000	DOCUMENT REGISTER	SECRETARY	FYI
001	AGENDA	CHAIR	APPROVED
002	Meeting summary - February 2001	SECRETARY	APPROVED
003	All IP Requirements v1.0.1	EDITOR	NOT SUBMITTED
004	All-IP Open Issues List - Version 01.2.0	EDITOR	FYI
005	All IP Handoff Requirements	SPRINT PCS	CLOSED
006	Correspondence dated 16 February 2001 regarding TSG-S All IP AdHoc decision making policy	TSG-N	CLOSED
007	SPCS Legacy Feature Requirements	SPCS	APPROVED
008	All IP Project Work Plan Items	EDITOR	FYI
009	TSG-A Liaison Report to the TSG-S All-IP Ad Hoc Group	TSG-A LIAISON	FYI
010	Inputs to Stage 1 requirements	ERICSSON	CLOSED
011	Proposed moving of requirements 6.1.11 b-d to the multimedia section	ERICSSON	APPROVED
012	Responsibility Matrix change procedures	VICE CHAIR	APPROVED
013	Requirements change procedures	VICE CHAIR	CLOSED
014	ITU-T Liaison referenced documents	ITU-T LIAISON	FYI
015	Stage 1 requirements for UIM	NOKIA	CLOSED
016	Stage 1 requirements for feature transparency	NOKIA	CLOSED
017	Proposed requirements for mobility	NOKIA	CLOSED
018	All IP Evolution Document v1.0	EDITOR	FYI
019	All IP response correspondence to TSG-N	SECRETARY	APPROVED
020	TSG-S response to TSG-N regarding All IP AdHoc issues	SECRETARY	APPROVED
021	Proposed split of the requirements document	ERICSSON	OPEN
022	All IP AdHoc Status Report - 15 March 2001	SECRETARY	APPROVED
023	Correspondence to all TSGs advising direction with respect to the Requirements document	SECRETARY	APPROVED
**3GPP2-S00-ALLIP-20010213-**			
008	Input to the All-IP release and project planning	ERICSSON	OPEN
009	Clarification of the domain concepts for the continued All-IP effort within 3GPP2	ERICSSON	OPEN
010	Proposed unified framework for QoS support in 3GPP2 All-IP and legacy networks	ERICSSON	CLOSED
012	Proposed text for requirements 25-35	NOKIA	OPEN
015	Comments on the Feature Descriptions	ERICSSON	CLOSED
018	Proposed Addition of a Proxy SCM (P-SCM) to the NAM	SIEMENS	CLOSED
**3GPP2-S00-ALLIP-20010116-**			
003	All IP Project - Proposed Statement of Direction	ERICSSON	CLOSED
004	Proposed change to All IP Requirements - Registration	ERICSSON	CLOSED
006	Issues related to mobile stations domains and phasing of functionality	ERICSSON	CLOSED
009	Directions Forward for the TSG-S All-IP Ad Hoc Group	VICE CHAIR	CLOSED
010	Correspondence dated 12 January 2001 regarding ALL IP requirements	MWIF	CLOSED
016	High level requirements proposed by MWIF	MWIF	CLOSED
019	TSG-S All IP AdHoc project documents	SECRETARY	CLOSED

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