DRAFT

Third Generation Partnership Project

DRAFT REPORT v1.1.0

3GPP TSG-CN 3GPP TSG-SA WG2 Joint Meeting

Sophia, France
14th - 15th June 2000

Hosted by ETSI

Chairman: **Steven Hayes, Ericsson Inc.** Stephen.hayes@ericsson.com

MCC Support: **Alain Sultain, ETSI MCC.** Alain.sultain@etsi.fr

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1   Opening of the Meeting

Stephen Hayes (TSG-CN Chair) opened the meeting at 14:00 on 14th June 2000.   The goals of the meeting were set as:

- Update and review of the F/BB/WT matrix
- Review and coverage analysis of WIs
- Decisions on work split between S2 and the CN WGs.

2   Approval of the Agenda

S2-001101:   **Rev. Draft Meeting Agenda.**

CONTENT: The document contains the revised Agenda

RESULT: The Agenda was **AGREED**

3   Allocation of documents to agenda

Documents were allocated to agenda items on-line. S2 TDoc numbers were allocated in the meeting.

4. Review and updating of F/BB/WT matrix

4.1 - Presentation of the current F/BB/WT matrix

S2-001182:   **Project Plan v.1.0.** Presented by Alain Sultain (MCC)

CONTENT: The version of the F/BB/WT matrix reflecting the updates generated so far by the IGC including those proposed during the previous CN/S2 workshop.

DISCUSSION: The status of the document was clarified. It is the latest version. It was indicated that a new version of the project plan would be generated for approval at SA#8.

RESULT: The document was **REVISED**. Updated document is **S2-001192**.

4.2 - Updates based on WG and Ad-Hoc meeting reviews of F/BB/WT matrix

S2-001102:   **Comments from N1 on Project Plan v.1.0.** Presented by the N1 Chair

CONTENT: Changes to the project plan from N1.

DISCUSSION: The contact persons within N1 for the relevant IGC areas are listed in the contribution.

A new work task for N1 covering the SIP call control protocol was accepted. This work items calls for N1 to verify the SS functionality provided by SIP. It was noted that S1 should act as the judge of whether SIP functionality is adequate for major issues. It was clarified that N4 will also have a responsibility in this work. A single work item covering the N1 SIP work will be created.

The emergency call building block changes were changed but subsequently incorporated into Tdoc **S2-001193.**

The requirement for handover between the CS domain and the IM subsystem has not been established. It was decided not to create a placeholder work task for N1, but instead wait until such requirements are established.

Changes to the bearer modification without pre-notification were deferred in deference to **S2-001108.**

The building blocks/work tasks under the feature optimization of signalling were removed (Turbocharger, L3 segmentation). These shall be moved to the bottom of the project plan and noted as deleted. How long they are to be maintained in the project plan is tbd.

N1 specific tasks to support WB AMR implementation in the CN were identified. These items are identified in **S2-001192**.

The assumption that there is only one UMTS Codec (AMR) in R'99 and that this does not need to be signalled was confirmed.

The N1 proposal under the security IGC were deferred. It was agreed that the IGC should base this section upon the structure and revisions proposed in the recent CN/S3 meeting.

RESULT: The document was **DISCUSSED**. The agreed changes are reflected in **S2-001192.**

S2-001108:   Release 2000 Features, Building Blocks and Work Tasks updated by CN3#10. Presented by the N3 Chair

CONTENT: Changes to the project plan from N3.

DISCUSSION: The assignment of responsibilities for call and bearer separation was deferred until agenda item 6.

The proposed restructuring of bearer modification without pre-notification were accepted.

The IGC should somehow indicate that there is a close reference between the Evolution of the bearers inside the PLMN work task (under the Bearer and Access Stratum IGC) and the separation of bearer and control work tasks (under the Call and Roaming Control IGC).

RESULT: The document was **DISCUSSED**. The agreed changes are reflected in **S2-001192.**

S2-001181:   Review of the CC and roaming IGC features. Presented by Siemens.

CONTENT: This includes changes to the project plan that have been proposed by S2.

DISCUSSION: Within the building block "Evolution of the Transport in the CN" a new work item for S2 was added dealing with the feasibility study for the separation of bearer and control is the PS domain.

The proposed changes associated with Text telephony were accepted.

RESULT: The document was **DISCUSSED**. The agreed changes are reflected in **S2-001192.**

4.3 - Updates based upon incoming contributions proposing changes to matrix

S2-001184:   BB re-arrangement for LCS. Presented by NTT DoCoMo

CONTENT: This proposes a restructuring of the Location Services feature.

DISCUSSION: There was general support for this change however the changes were too extensive to review in the meeting. It was also noted that the RAN work tasks should also be included.

An alternative term for LCS QoS should be used to indicate that it differs from traditional QoS.

The responsible party and the actions to be taken should replace the question marks.

It was agreed that this should be revised and incorporated into the proposed LCS work item. The merged document is **S2-001196**.

RESULT: The document was **REVISED**. Replaced by **S2-001196.**

S2-001185:   Modifications to IGC Service Platforms. Presented by Ericsson.

CONTENT: This Tdoc proposes that the VHE and OSA features be split. This is consistent with S1 VHE/OSA Ad-Hoc decision.

DISCUSSION: There was general support for this split. It was noted that the work items were also split.

References to the WIs should be included in the list.

Under the building block "Evolution of VHE Concepts" it was agreed to add a work task for the introduction of VHE within the PS Domain. The previous work task was clarified to

indicate it referred to the CS Domain only. A similar change is made for the building block "Evolution of OSA Concepts".

Changes in scope and responsibility were made to the building block "Integration of OSA within IM domain". These changes are reflected in **S2-001197.**

It was agreed that the 3GPP2 should be added to one of the organizations covered under the harmonization scope. It is desirable to work together with 3GPP2 to prevent divergence of OSA solutions. TTA is interested in ensuring consistency between the 3GPP and 3GPP2 OSA solutions.

RESULT:	The document was **REVISED**. Replaced by **S2-001197.**

S2-001193:	Re-arrangement of BB of emergency call. Presented by NTT DoCoMo.
CONTENT:	This proposes a restructuring of the emergency call building block.
DISCUSSION:	This was agreed in principal. It was pointed out that several of the items were applicable for both the PS and CS domains.
RESULT:	The document was **REVISED**. Replaced by **S2-001201**.

S2-001197:	**Document.** Presented by Ericsson
CONTENT:	This Tdoc proposes that the VHE and OSA features be split.
DISCUSSION:	Even though there is support in principal, the proposed change is too complex to be accepted at the meeting. This update will go out on the CN and S2 e-mail exploders for review. This will be approved at CN#8 if no objections are raised.
RESULT:	The document was **DISCUSSED**.

S2-001201:	Re-arrangement of BB of emergency call. Presented by NTT DoCoMo.
CONTENT:	This proposes a restructuring of the emergency call building block.
DISCUSSION:	Previously discussed.
RESULT:	The document was **AGREED**.

5. Work Item coverage

5.1 - Review and endorsement of WI proposals

S2-001057:	Proposed WI 'Support of Location Services in UMTS, System and Core Network aspects. Presented by Nokia
CONTENT:	The draft work item for Location Services
DISCUSSION:	This was revised to include the results of the discussion of **S2-001184**.
RESULT:	The document was **REVISED**. Replaced by **S2-001196.**

S2-001134:	Work item description for transport and control separation in the PS CN domain**.** Presented by Ericsson
CONTENT:	Draft work item for transport and control separation in the PS domain.
DISCUSSION:	It was clarified that this work item only refers to a feasibility study. The output should be a TR. The work item title should reflect that it is a feasibility study.

It was agreed that the feasibility study responsible is S2.

RESULT:	The document was **REVISED**. The new version is **S2-001200**.

S2-001183:	WI description of SIP CC. Presented by Lucent.
CONTENT:	WI proposal for SIP CC work within N1.
DISCUSSION:	This was presented for information only. This will be further discussed at the next S2/N1 SIP meeting.

The need for a SIP workshop was discussed. It is desirable to develop competence within 3GPP on the SIP protocol, but since there are still many open issues that need to be resolved by S2, the planned workshop will be cancelled. Instead the Tuesday and Wednesday of the August N1 meeting will be dedicated to this issue (assuming there is sufficient contributions on this topic.)

Since S2 has other drafting meetings that week, there was a desire to colocate the various S2 meetings with the N1 meeting.

RESULT:	The document was **DISCUSSED**. A SIP session will be arranged at the August N1 meeting.

S2-001186:	R00 WI emergency call enhancements. Presented by Ericsson
CONTENT:	Proposed WI for emergency call enhancements
DISCUSSION:	It was agreed to split this work item into two work items. The first will deal with emergency calls to multiple emergency centers. The second will deal with emergency SIP and packet calls.

NTT DoCoMo and NEC indicated their support for the multiple emergency calls WI.

T-Mobile indicated their support for SIP emergency calls.

RESULT:	The document was **DISCUSSED**. To be split and submitted to CN#8 for approval.

S2-001187:	Proposed WI for signalling between HSS and CSCF. Presented by BT.
CONTENT:	Proposed WI for HSS to CSCF interface.
DISCUSSION:	This work items should be generalized to indicate it is Subscriber Data Management under SIP.

The WI schedule is not realistic and should be revised.

The affected work group is N4 and not N2.

A work item rapporteur is required.

RESULT:	The document was **DISCUSSED**. Will be revised and presented to CN#8 for information

S2-001188:	Proposed WI for interworking between multimedia domain and legacy networks. Presented by BT.
CONTENT:	This proposes a work item addressing the need for interworking between the CS and IM domains.
DISCUSSION:	There was strong support for this work item. It was unclear that the S1 requirement for this functionality was not present, but it was felt that it would clearly be a requirement. The scope of the work item needs further definition.

It was clarified that the intention is to interwork with existing UMTS bearers and not to develop new bearers to accommodate legacy or external multi-media networks.

It was noted that this work item is related to the N3 work on end-to-end RT QoS.

The WI schedule is not realistic and should be revised.

A work item rapporteur is required.

RESULT:	The document was **DISCUSSED**. Will be revised and presented to CN#8 for approval.

S2-001189: Proposed WI for interworking between multimedia domain and IP networks. Presented by BT.

CONTENT: This proposes a work item addressing the need for interworking between the IM Domain and other IP networks

DISCUSSION: Further clarification of the scope is required**.**

The WI schedule is not realistic and should be revised.

A work item rapporteur is required.

RESULT: The document was **DISCUSSED**. Will be revised and presented to CN#8 for information.

S2-001191: Delivery of applications and service control to CSCF. Presented by BT.

CONTENT: This proposes a work item on application and service control in the IM subsystem.

DISCUSSION: It was felt that this work item was premature. The overall requirements have not yet been established.

It was also clarified that this work item did not assume the existence of CAMEL in the SIP environment.

Before generating a new work item, the overlap between the existing VHG/OSA work items should be investigated. If the are areas not covered by the existing work items, then a new, more specifc work item can be generated.

RESULT: The document was **REJECTED**.

S2-001195: UMTS Open Service Architecture Interfaces for 3GPP Release 00**.** Presented by N5 Chair

CONTENT: This work item covers OSA work being done by N5 in support of R'00.

DISCUSSION: Since there is already a S1 work item covering this whole topic, it was not felt that it was necessary to have a specific work item covering the N5 work. The work item is not required.

RESULT: The document was **REJECTED**.

S2-001196: Revised Work Item Description 'Support of Location Services in UMTS Release 2000, System and Core Network aspects'**.** Presented by Nokia.

CONTENT: This is a revision of **S2-001057** and **S2-001084**.

DISCUSSION: This contains the merged document with the previously agreed changes. Due to the complexity, immediate approval could not be given.

RESULT: The document was **DISCUSSED**. This will go out on the CN and S2 e-mail exploders for review. This will be approved at SA#8 if no objections are raised.

S2-001198: Scope of VHE in Release 2000.

CONTENT: This is the S1 R'00 work item on VHE.

DISCUSSION: A bluetooth network is a bad example of an access network. A wireless lan network is a better example.

The scope and timeline of the work item should cover more than just the S1 work. It should cover the entire task.

RESULT: The document was **NOTED**. Comments should be directed towards S1.

S2-001199: Scope of Open Interface for Service Provision in Release 2000.

CONTENT: This is the S1 R'00 work item on OSA.

DISCUSSION: The scope and timeline of the work item should cover the S2/N5 work work. It should cover the entire task.

The timeline needs to be revised.

RESULT:	The document was **NOTED**. Comments should be directed towards S1.	

S2-001200:	Work item description for transport and control separation in the PS CN domain**.** Presented by Ericsson	
CONTENT:	Draft work item for transport and control separation in the PS domain.	
DISCUSSION:	Previously discussed.	
RESULT:	The document was **ACCEPTED**. For approval at SA#8.	

5.2 - Identification of areas in F/BB/WT matrix where WIs are missing

Not addressed due to lack of time.

6. Review of F/BB/WT and WI responsibilities between S2 and Nx WGs

Much of this work was dealt with in previous contributions. The decomposition of work proposed in **S2-001108** under the building block "Enable bearer-independent call control" was agreed.

N4 will take responsibility for the stage 2 work associated with this building block (for the CS domain). N4 will also be responsible for the protocol (H.248). N3 will be responsible for setting parameter value issues and detailed stage 3 work. N3 will also take responsibility for specification of the Bearer control (control plane, e.g., Q.AAL2) between MGWs

The feasibility study for separation of bearer and control for the PS domain will remain the responsibility of S2, however it is desirable for S2 and N4 to work closely together on this issue. The chairs of S2 and N4 will attempt to align work dates. The responsibility for this work item after completion of the feasibility study is tbd.

S2-001190:	List of WIs handled by N3	
CONTENT:	List of WIs handled by N3	
DISCUSSION:	Presentation of existing work in N3	
RESULT:	The document was **NOTED**.	

7. Identification of next steps/future meetings

No future meetings are scheduled. Future joint meetings will be setup as waranted by issues.

8. Close of meeting

The CN/S2 Meeting closed at 16:30 on June 15, 2000.

ANNEX A: OUTPUT MATERIAL

A.1   Liaison Statements

No liaison statements were generated during the meeting.

ANNEX B: Participants List for CN / S2 Meeting

Name	e-mail	Represented Organisation	Status
Mr. Luis Lopez Soria	Luis.Lopez-Soria@ece.ericsson.se	ERICSSON L.M	3GPPMEMBER-ETSI

ANNEX C: List of Documents

Tdoc	Title / Content	Source	Agenda Item	Replaced by

History

Document History	
Up to 20th June 2000	DRAFT v.1.0.x provided to a select group of delegates up to the end of the meeting.
2000	DRAFT v.2.0.0 dispatched to the TSG_CN mail exploder for comments. Comments to be addressed to: **Mr. Alain Sultain, 3GPP TSG-SA2 Secretary** MCC - ETSI Secretariat Tel :+33 (0)4 92 94 47 21 e-mail: alain.sultain@etsi.fr The report will be presented at CN#8 and the next SA2 meeting.
21st June 2000	*Final v2.x.x to be presented for approval at TSG#8 Meeting in Düsseldorf*