Source: **CN OSA CONVEYOR**

Title: **DRAFT REPORT, CN OSA AD HOC #05, ANTWERP, BELGIUM**

Agenda item: **5.5**

Document for: **INFORMATION**

TSG_CN OSA#05/ETSI SPAN3   **N-OSA-001xx**
Antwerp, Belgium
28 February to 2 March 2000

Source: ETSI MCC

franco.settimo@etsi.fr

Title: Draft meeting report

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1   Opening of the meeting and approval of the agenda

There was a long phase of clean up of the recevied documents. It was agreed that some of the previously sent documents were superseded and that Tdoc OSA-00091 was the major document to be taken into consideration.

Introduction & grouping of contributions

Agreed.

Reports

OSA 00063
The meeting report from Sophia Antipolis, previously circulated, was agreed.

Input liaison statements

Agreed to note all the LSs sent to the group for information.

Tdoc OSA 00069
Noted.

Tdoc OSA 00071
More focused comments can be provided at the end of the meeting, when some of the issues are clarified.

Tdoc OSA-00078
Sent in copy to us. Noted.

Tdoc OSA-00079
Ericsson volunteered to draft a reply to the LS.

Tdoc OSA-00085
Sent to us for information. Noted.

Tdoc OSA-00087

According to Lucent alignment between Stage 2 and Stage 3 is an objective of this meeting. A response in this sense will be sent at the end of the meeting.

Tdoc OSA-00088
Basic question: do we need Event Notification in the Framework? It was agreed to deleted in the Framework for Release 99. S2 proposed to rename Access to OSA_Access. The decision was noted.

Stage 2 input

Tdoc OSA-00089
New section 6.1, including the Framework capabilities, has been added to the document. Revised text was supplied to the Terminal capabailities (sect. 7.4) as well, in agreement with the discussion of Puerto Vallarta. Editorial refinements were provided as well. It was proposed that the Stage 2 should only consider the client application. view for the Framework interface, the service view will be part of Release 2000. Therefore, all references should be removed, including Annex A. Even Notification is still in the document and should be deleted. Also Fig. 8, with a lot of question marks inside, should be removed from the document. Sequence diagrams will be maintained in such a way that aligmnet is provided with, e.g. Tdoc 092. It was also proposed to move Sequence Diagrams to Stage 3, but it was eventually agreed to keep them in the document.
Lucent will draft a short LS to S2.
Some alignments performed were highlighted. Sect 7.1 Call Control: the parameter should be Call References, the Method Call Aborted and the parameter CallReference. CallSessionID should be removed,
Sect 7.1.2, extra parameter AssignmentID was added by Parlay and should be described in Stage 2.
It was agreded to remove the text xxx.
in Route Call to Destination Error, the parameter should be eeror indication as well as in getCallInfo_err.
In superviseCall_Req, duration should be removed and two new parameters added. Tariffswitch should be removed as well. Align the parameters with OSA-00075.
In SuperviseCall_Err the volume parameter should be included and the parameter should be errorIndication.

Tdoc OSA-00095

It refers to Figs 3, 4 and 5 of Overview of the Open Service Architecture.

Review of SPAN 6 and SPAN 3 inputs

Tdoc OSA-00075
BT illustrated the process of circulating Parlay in various forums (ITU-T, 3GPP, SPAN3 etc.). The slide indicates that all the activities converge to a single SPAN3/3GPP Ad-Hoc document, which will be maintained after approval.
Changes were then illustrated by BT. More comments will be provided by Ericsson by tomorrow morning (Tdoc 100, 101).

Tdoc OSA-00074
Some extra data types, taken from 3GPP documents, might probably be missing in respect to the actual content. Clarified that INAP1 is a subclass of the Call Control interface. INAP CS1 seems to be a more exact acronym.

Tdoc OSA-00080
It was found that redirection counter is missing. To avoid endless looping? The question was raised what information should be presented to the application logic for all translation services, e.g. redirection, number portability: this issue shoul dbe further considered for Release 2000. It was proposed to keep the addresses presented in the document as they are.

Tdoc OSA-00092
This document was noted since it was more related to the stage 2 document TS 23.127.

Consideration on contributions related to Release 99 in accordance with the agreements of the OSA ad hoc#4 meeting

Tdoc OSA-00091
Inputs received from Alcatel have been included in the master document. Notifications should not be included.
The comments received (e.g. from Marconi) were commented, illustrating the answers given as well. Comments to Scope: reference to WAP was not present.

Agreed to remove the term *fabric*. Also agreed to remove the term VHE, where it had remained.

Siemens took the Action Point of

Nokia presented th comments contained in Tdoc OSA-00094. The comment related to sect. 6.1 was changed to indicate that also earlier Phases to CAMEL Phase 3 were involved. The part related to Circuit and packet switched networks was dropped.

Charging methods will be included in the Call Control SCF. The AoC parameters are currently GSM focused: the intention is to modify these to make them more generic so that they can be applicable to fixed networks as well. Subsequent proposals will be handled by Parlay within 3 weeks time.

Clarified that the changes agreed will be included in the reference document.

After the comments from Nokia, the comments raised from Lucent (Tdoc 00084) were dealt with.

It was agreed to use the term Service Provider, instead of Network Operator and Home Environment throughout the document. Ericsson (Yun Chao) will disclose the Action Point throughout the document.

Tdoc OSA-00106

In response to the comments received from Marconi. The OSA concepts are supporting CAMEL service environment, SIM Application Toolkit as defined in Stage 2 document. MExE service should be removed, but keeping the WAP execution platform. The following paragraph could be deleted as well as obsolete.

Revised to **Tdoc 108**, which was approved with no further presentation

Tdoc OSA-00107

Sentence at the end of 4.3 was found meaningless and was deleted.

Tdoc OSA-00099

Discussion from Ericsson concentrated on Section 6. To take over the complete work, Frans Haerens said, Parlay Phase 3 should be incorporated in 3GPP Specifications.

Framework SCF

Tdoc OSA-00072

Presented by Alcatel and agreed as a basis for further enhancements. Revisions will be addressed in Tdoc 114.

Tdoc OSA-00096

Frans Haerens suggested to go through the State Transition Diagrams contained in the document. The State diagrams were accepted with some minor modifications. The Framework SCF editor was requested to inlcude the STDs within the new drafted text (see Tdoc 114)

Tdoc OSA-00114

Withdrawn. Replaced by Tdoc 119.

Tdoc OSA-00119

This document contains the new drafted text of the FW SCF based on comments received during the presentation of Tdoc 072 and 096.

Call Control SCF

Tdoc OSA-00097

Contains the changes of the revised version 38, sent out in February. Comments from Marconi and Nokia were duly taken into account.

It was agreed to put in the meeting minutes that some concerns have been raised about the restrictions of SET Call Detailed Record Information method.

Tdoc OSA-000117

This document describes the new revised text for the Call Control SCF based on the feedback of meeting on document Tdoc 097. The editor presented the document and the meeting agreed with some minor modifications.

Charging SCF

It will be also reported that there is a list of open issues on charging and subsequent Change Requests must consequently be expected.

The Chairman summarised three agreed points:

1. Only two methods will be accepted for Charging.
2. An LS will be sent to S2 asking that the methods are Set Advice of Charge and Set Call Detail Record.
3. We will ask S2 to rename the Set Detailed Record Information into Set Charge Plan.

User Interaction SCF
Tdoc OSA-00097
Contains the changes of the revised version 38, sent out in February. Comments from Marconi and Nokia were duly taken into account. The meeting raised two issues that required modification. This is to be revised in Tdoc 117

Tdoc OSA-000117
This document describes the new revised text for the User Interaction SCF based on the feedback of meeting on document Tdoc 097. The editor presented the document and the meeting agreed with some minor modifications.

Tdoc OSA-000086
This document describes a proposal for the SDL modelling of the UI SCF. This issue will be thoroughly reviewed at the modelling session of ETSI SPAN3 and therefore the document was noted.

Tdoc OSA-00101
This document describes the possibility of sending WAP service indicators to the terminal as part of non-call related User Interaction. This document raised a discussion if a mapping of the API to the WAP protocol was required. However, with the explanation of the author it was recognised that the WAP Forum did not specify such mapping and within the WAP forum this was left as implementation specific. Therefore, the meeting agreed that with these constraints a mapping was not desired. The document was agreed.

Terminal Capability SCF
Tdoc OSA-00100
This document describes the Terminal Capability SCF. This document was agreed with some minor editorial modifications and the addition of proper exception handling

User Location SCF
Tdoc OSA-00064
Tdoc 098 supersedes this document.

Tdoc OSA-00067
Tdoc 098 supersedes this document.

Tdoc OSA-00098
This document describes the editor-compiled text of the User Location and User Status SCF. An explanation on the usage of the TpGeographical Position has been commented at the meeting. This reflects the CAMEL Phase 3 capability of the usage of Geodetic Location information. This document was agreed with some minor modifications (see Tdoc 116).

Tdoc OSA-00116
The document was presented and agreed

User Status SCF
Tdoc OSA-00064
Tdoc 098 supersedes this document.

Tdoc OSA-00067
Tdoc 098 supersedes this document.

Tdoc OSA-00098
This document describes the editor-compiled text of the User Location and User Status SCF. This document was agreed with some minor modifications (see Tdoc 116).

Tdoc OSA-00116
The document was presented and agreed.

Message Transfer SCF: to be addressed fully in Release 2000

Data Download SCF : to be addressed fully in Release 2000

User Profile Management SCF : to be addressed fully in Release 2000

API Mapping

Tdoc OSA-00081
Unchanged from Tilburg and still based on Parlay ver 1.2. Noted.

Tdoc OSA-00082
Lucent introduced the copy without revision marks, for clarity. Only minor changes in the enable Call Notification section. Agreed to eliminate LegId.
It was agreed that the meeting will produce material which provide mapping OSA API towards a Non CAMEL SCS.
For reasons of convenience (future maintenance of the document) it was recommended to remove all the references to document sections.
Revised to Tdoc 113

Tdoc OSA-00083
Lucent made a few remarks.

Tdoc OSA-00090
This document describes the mapping of the User Status API to the CAMEL protocols. Ericsson went through the details of the various changes that were performed. Also it was clarified that the User Location and User Status Api can be supported without a CAMEL Service environment, the core MAP support. This will be reflected into a new Tdoc 118.

Tdoc OSA-00118
This document was agreed without modifications

Tdoc OSA-00112
This document describes the mapping of the User Location API to the CAMEL protocols. It raised an number of discussions related to the addressing of multiple users & triggering of MM events (its settings are not supported by CAMEL, only activation/deactivation). The document was agreed as basis for further refinement within the new draft Tdoc 121.

Tdoc OSA-00113
This document represents the first draft of Part 2 with comments from Tdoc 082, 118. This document needs to be further enhanced based on the discussions on Tdoc 112. New revised Tdoc 121

SDL Modelling (This will be treated as a separate activity on 2 March and will not be considered as part of Release 99)

Any other business

CN Structure
The chairman indicated that CN is restructuring and that multiple options are mentioned:
- CN WG OSA – standalone WG
- OSA & CAMEL
- OSA & SS

The meeting indicated that the current working approach, focused group, was preferred and therefore, supported option 1

The Convenor mentioned that in the case of Option 1 he will not put himself as candidate for the chairmanship. Other companies are stimulated to put themselves as candidate. Ericsson is willing, if required, to forward a candidate (i.e. Lucas Klostermann). The Ericsson candidate is only applicable for option 1.

Approval of output documents

Output liaison statements

Tdoc OSA-00102

This document is a LS to S2 to provide comments to the OSA stage 2 specification (TS 23.127). A comment has been raised to the naming of setCallCargePlan. Naming has been corrected as an editorial comment.

Tdoc OSA-00103

This document is a LS to S2 to provide a proposal for handling OSA R'00. This document was agreed without modifications.

~~11.2~~Output Documents

Tdoc OSA-00105

This document describes stage 3 – part 1. Some modifications has been raised & agreed and the revised FW part needs to be included. Revised document Tdoc 120.

Tdoc OSA-00113

This document describes stage 3 – part 2. Some modifications has been raised & agreed and the revised User Location & User Status mapping needs to be included. Revised document Tdoc 121.

Tdoc OSA-00120

To be provided 3rd of March 2000. Comments deadline 09 March 10:00 AM (CET). During 9 of March all comments must be implemented. Afterwards (e.g. Friday, 10th of March) document is proposed for electronic approval. Comments must be clearly defined and precise, including what modifications are needed.

Tdoc OSA-00121

To be provided 3rd of March 2000. Comments deadline 09 March 10:00 AM (CET). During 9 of March all comments must be implemented. Afterwards (e.g. Friday, 10th of March) document is proposed for electronic approval. Comments must be clearly defined and precise, including what modifications are needed.

Review of dates and hosts for future meetings

Meeting agenda agreed and possible hosts identified

- 5-6 April – CN OSA/SPAN3, Siemens
- 10 May – SPAN3 – API, Alcatel
- 11-12 May – CN OSA/SPAN3, Alcatel
- 14 June – SPAN3 – API, Lucent?
- 15-16 June, CN OSA/SPAN3, Lucent?

Closing of the meeting (17:30 Thursday)

The chairman thanked all participants for their hard work and the editors in specific. The chairman apologised for the late hours but substantial results has been reached in only two months.

The chairman thanked Alcatel for the perfect lunches (not confused with coffee breaks! (-:) and the perfect arrangements. Meeting closed at 16:30.

A N N E X - A

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3GPP TSG_CN OSA#05
Antwerp, Belgium
28 February ÷ 1 March 2000

A N N E X - B

List of Temporary Documents

Tdoc # NP-OSA-00	Title	Source	Status
061	Draft agenda	Chairman	
062	Tdoc allocation to agenda items	Chairman	
063	Meeting report from Sophia Antipolis	MCC	
064	Virtual Home Environment / Open Service Architecture (3G TS 29.xxx version 0.1.0)	Ericsson	Superseded by 098
065	Framework service capability feature	Alcatel	Superseded by 091
066	Virtual Home Environment / Open Service Architecture (3G TS 23.xxx version 1.0.0)	Ericsson	Superseded by 091
067	Virtual Home Environment / Open Service Architecture(3G TS 29.xxx version 0.1.0) - Mobility Management	Ericsson	Superseded by 098
068	**OSA's common definitions**	Ericsson	Superseded by 099
069	Response on Statement on security issues in VHE/OSA	S3	
070	Comments	Marconi Comms	
071	Response to liaison statement on Collaboration on Open Interfaces	SPAN6 Chairman	
072	Framework service capability feature v 0.2.0	Alcatel	Superseded by 114
073	APIs for Third Party Service Applications - Class Diagrams	BT	
074	APIs for Third Party Service Applications - Service Interface Data Definitions	BT	
075	APIs for Third Party Service Applications - Service Interface Descriptions	BT	
076	3G TS 23.127 v. 1.2.0	Ericsson	Superseded by 089
077	Open Service Architecture; Application Programming Interface; Part 1 (3G TS 29.xxx version 0.1.0)	Ericsson	Superseded by 091
078	Answer to LS on the Prioritisation of VHE Service Capability Features	S2	
079	LS on Removal of Annex A of VHE/OSA Stage 2 (3G TS 23.127); Sequence diagrams	S2	
080	Changes to routeCallToDestinationReq and others	BT	
081	Mapping INAP to the API for Access to Third Service Applications	BT	
082	Mapping CAMEL protocol operations to the API interface class methods for Access to Third Party Service Applications	Lucent	Revised to 113
083	A comparison of the API's of Parlay, ETSI SPAN3, and 3GPP OSA	Lucent	
084	Comments to the composed stage 3 29.xxx.	Lucent	
085	LS on OPEN SERVICE ARCHITECTURE - SECURITY	S2 VHE/OSA	
086	User Interaction 1	Siemens	
087	LS on Status Of VHE/OSA Work	S2	
088	LS on OSA Framework Event Notification	S2 VHE/OSA	
089	Virtual Home Environment / Open Service Architecture (3G TS 23.127 version 1.3.0)	Ericsson	Replaces 076
090	Mapping the User Status OSA API class methods to MAP protocol operations	Ericsson	Revised to 118, then merged into 113
091	Application Programming Interface; Part 1 (3G TS 29.xxx version 0.2.0)	Ericsson	Revised to 105
092	API Specification 2.0 - Sequence Diagrams	BT	
093	Comments from Jane Humphrey	Ericsson	

094	Comments on the stage 3 documents	Ericsson	
095	Proposal to change figures 3, 4 and 5 in section 5.1 of 3G TS 23.127 version 1.3.0	BT	
096	Proposed additional State Transition Diagrams for the FW interface objects	Ericsson	
097	Proposed modifications to Call Control and User Interaction SCF	Ericsson	
098	Virtual Home Environment / Open Service Architecture (3G TS 29.xxx version 0.1.0)	Ericsson	Superseded by 116
099	Virtual Home Environment / Open Service Architecture (3G TS 29.xxx version 0.1.0)	Ericsson	Revised to 111
100	Terminal Capabilities service capability feature	Ericsson	
101	Realisation of Information Transfer service capability feature	Ericsson	
102	LS to S2 on aligment of Stage 2 material (OSA R99)	Ericsson	
103	LS to S2 on the sequence diagrams for Release 2000	Lucent	
104	Editorial modifications to Stage 2 3G TS 23.127	Ericsson/BT	
105	Revised 91	Ericsson	
106	Modifications to sect. 1.2.4	Ericsson	Revised to 108
107	Modifications to sect. 5	Ericsson	Revised to 109
108	Modifications to sect. 1.2.4	Ericsson	Revision of 106 Approved (included in 105)
109	Modifications to sect. 5	Ericsson	Revision of 107 Approved (later Revised to 115)
110	New Stage 2 23.127 v. 1.3.0 (S2 e-mail)	Ericsson	
111	Revision to Common Data Definitions (Revision of 099)	Ericsson	Approved (included in 105)
112	Mapping the User Location OSA API methods to MAP protocol operations	Siemens	
113	Merge of 82 and 118	Lucent	
114	Update of Framework Capability Service Feature (update of 72)	Alcatel	Revised to 119
115	Update of Section 5. (Update of 109)	Ericsson	Included in 105
116	Revision to User Management section (Update of 98)	Ericsson	Included in 105
117	Revised Call Control Section from Doc. 91	Ericsson	Included in 105
118	Revision of Doc. 90	Ericsson	
119	Update of Framework Capability Service Feature (update of 114)	Alcatel	Approved
120	Updated 105, Complete Stage 3 of OSA, output document for e-mail approval/comment, (3G TS 29.xxx Version 0.3.0)	Ericsson	
121	Complete Mapping Technical Report (updated 113 with additions from 118, 112), output document for e-mail approval/comment	Lucent	

TSG_CN OSA#05/ETSI SPAN3   **N-OSA-00061**
Antwerp, Belgium
28 February to 2 March 2000

Source: ETSI SPAN3 Chairman & TSG-N OSA Convenor
frans.haerens@alcatel.be & Yun-Chao.Hu@era.ericsson.se

Title: Proposed agenda for the OSA ad hoc#5 meeting on 28 February to 2 March 2000

It should be noted that the SDL modelling activity on 2 March is not part of the Release 99.

2   Opening of the meeting and approval of the agenda (9:30 Thursday)

Introduction & grouping of contributions

Reports

Input liaison statements

Stage 2 input

Review of SPAN 6 and SPAN 3 inputs

Consideration on contributions related to Release 99 in accordance with the agreements of the OSA ad hoc#4 meeting

Framework SCF
Call Control SCF
Charging SCF
User Interaction SCF
Terminal Capability SCF
User Location SCF
User Status SCF
Message Transfer SCF: to be addressed fully in Release 2000
Data Download SCF : to be addressed fully in Release 2000
User Profile Management SCF : to be addressed fully in Release 2000

API Mapping

SDL Modelling (This will be treated as a separate activity on 2 March and will not be considered as part of Release 99)

Any other business

Approval of output documents

Output liaison statements
Output Documents
Review of dates and hosts for future meetings

Closing of the meeting (17:30 Thursday)

Please note that R'99 discussion will be closed on Wednesday 1st of March 2000 (17:30).

The proposed time plan is attached; a separate contribution showing the proposed allocation of documents to agenda items will be tabled at the beginning of the meeting.

	Monday	Tuesday	Wednesday	Thursday
9:30 **Session 1** 10.30	Opening business (1, 2, 3) Input liaison statements (4)	Release 99 (7.1 to 7.9): first review	Release 99 final review (7, 8) Part 1 & 2	SDL Modelling (9)
Break				
11:00 **Session 2** 12:30	Stage 2 (5) SPAN 6 and 3 Inputs(6)	Release 99 (7.1 to 7.9): first review	Release 99 final review (7, 8) Part 1 & 2	SDL Modelling (9)
Lunch				
14:00 **Session 3** 15:30	SPAN 6 and 3 Inputs(6), if needed Release 99 (7.1 to 7.9): first review	API Mapping first Review (8)	Release 99 final review (7, 8) Part 1 & 2	SDL Modelling (9)
Break				
16:00 **Session 4** 17:30	Release 99 (7.1 to 7.9): first review	API Mapping first Review (8)	AOB (10) Output Document (11) Close (12, 13)	SDL Modelling (9)

Please note that this workplan is subject to changes based on the number of contributions addressed to a certain topic. Also please note evening sessions on Monday and Tuesday, 28th and 29th of February 2000.