Technical Specification Group Services and System Aspects *TSGS#19(03)0175*
Meeting #19, Birmingham, UK, 17 - 20 March 2003

Source:	**MCC**
Title:	**Draft Minutes of Future Evolution meeting #3**
Document for:	**Approval**
Agenda Item:	**8.9**

Table of content

1. Opening of the meeting

The third Future Evolution meeting took place immediately before TSG SA #19 meeting in Birmingham, UK, on the morning of Monday, March 17th 2003. It was chaired by Mr Iain Sharp, Nortel, and was supported by Mr Alain Sultan, MCC, author of these minutes.

2. Approval of the output from previous meeting and email discussions

EV-030001, *21.902 v010 (in 3GPP format)*, from Rapporteur
This document contains the version 0.1.0 of the TR 29.902 on Evolution of 3GPP System.
Conclusion: The meeting agreed to use it as a basis for future work.

2.1 Editorial improvements
EV-030002, *Proposed re-structure of TR21.902*, from Rapporteur
The editor of 29.902 proposes here a new version (v.0.1.1) of this TR containing editorial modifications, together with a general re-structuring to facilitate its ease of use, and to better reflect the priorities of 3GPP in moving forward with the evolution of the standard.
Discussion: some support was expressed, in particular by Nokia.
Conclusion: Approved.

3. New specific proposals to the text of the technical report

EV-030008, *Additional text blocks for TR 21.902 version 0.1.1*, from T-Mobile, Vodafone
Some text aiming at improving different independent aspects of TR 29.902 is proposed here. It concerns Smart cards, Spectrum issues, Radio Technology and Core network.
Discussion:
Nokia wonder if the TR should mention the items being handled outside of 3GPP. For instance, the appropriateness of the statement "Support of UICC based identification and authentication for roaming between 3GPP and non-3GPP based networks," was wondered.
For the chairman, the distinction between what is to be made by 3GPP and what is made by outside bodies should definitely be clear in the TR, but still it will be of some value to enable the TR to refer to what is defined outside 3GPP. This principle was approved, and completed by another one stating that the TR should not develop too extensively the description of non-3GPP material.
On point 1, on Smart Cards:
On 3rd bullet, Nokia has some concerns on the statement that the UICC "shall be" the central cornerstone for all kind of trusted relationships (this might bind uselessly the architecture), but as no better statement could be found in a reasonable time, Nokia accepts to keep the text as such.
On Point 2, on Spectrum issues:
On the 2nd bullet, "- Allocation of suitable spectrum for Ad Hoc Network roaming", the wording should be enhanced to "Allocation of suitable spectrum for Ad Hoc Networks (cf. section 7.1.2)".
On point 3, Radio Technology:
" CN interface" is confused (CN internal interface or interface towards the CN?). It will be re-phrased to "suitable wireless interface between moving networks and the fixed infrastructure".
On points 4 and 5: approved.

EV-030009, *Focus Areas*, from Lucent Technologies
Lucent proposes to summarise the expectations listed presently in sections 5.5, 5.10 and 5.11 of the TR into an easier-to-understand table. Some new expectations have also been added in italics.

A second table is also proposed, which attempts to identify Focus areas, using the expectations as requirements for the focus area (as shown in EV-020028).

Discussion:

The main scope of this tdoc, which is to classify the expectations, is highly appreciated. Comments concern the categories themselves.

On the first table, out of the three proposed categories (the three columns), the 3rd one ("Manufacturer/Application Developer ") should be clarified.

Also from Nortel, this is a good starting point, but to be still improved.

The editor should add a note to state that contributions are invited on this section.

Nokia wants also to provide some additions on security.

AWS wants to replace "Flexible billing" by "Flexible Charging".

Point 9 on the first column and 11 on the second column should also be reworded.

On table 2: Same comments apply.

Conclusion: revised in EV-030012, to be provided by e-mail. Agreed revisions to be included are:

- Changes to the wording of the italic text in the two tables
- Move "Flexible Charging" in to square brackets.

EV-030006, *Comments and Proposed Changes to TR21.902*, from AT&T Wireless Services

Lot of uncorrelated improvements are provided.

Global comments:

 This document contains a mixture of actual proposed revisions (e.g. addition of "(Note that GTT although done in Rel5 is actually release independent and retro-actively applies to all Releases)" and comments (e.g. " Don't understand what this is saying or adding.").

Some other contributions already approved (in particular EV-030012) cover the same parts of the TR, so this contribution should be rewritten based on the version of the TR which will include EV-030012.

Comments related to individual proposals:

On GTT (this is a Release independent Feature, not a Rel-5 Feature): approved.

On short/long term: there are some other proposals on the same topic.

On regulatory requirements: the 2nd bullet, "Regional regulatory requirements should be globally standardized but not globally mandatory", this statement is a little bit unclear for several companies. "3GPP specifications shall cover regulatory requirements" might be a clearer statement.

In the 3rd bullet, "[...] but commercial services cannot drive regulatory needs." is also unclear: it seams that e.g. FCC shall not see what 3GPP is doing. This is out of control of 3GPP...

On 5.3 on Spectrum: again, this is out of the scope in 3GPP. The statement " spectrum is really an ITU-R/WARC issue and outside the scope of 3GPP" should be put in a place applicable to all the TR.

On 5.4 on User equipment: these statements as such are out of the scope of 3GPP. Some text stating something like "3GPP TSs should facilitate:" will clarify the subsequent bullets.

On 5.5.1, " User-friendly billing" is a concept which will gain in being clarified, as the bill is not supposed to give fun to the user... As this concept is unclear, the complete statement should be deleted.

On 5.6.1, " - Although coverage and mobility limitations of higher speeds are acceptable, full integration with UTRAN is expected", 3 states as an example that "full integration" of WLAN into UTRAN is not foreseen for Rel-6 and maybe even not for Rel-7.

On 5.7.1, Nortel acknowledges that GSMA is the main body for operator's agreements but operators should still be able to express requirements in 3GPP.

On 5.11, on the statement that there should be more open interfaces in the User Equipment side, Nokia disagrees by stating that this has proven to be more cost effective than providing any real interest to the user. Nortel however notices that there is some actual value in being able to access the RF part of the mobile disregarding the applications it contains.

On 6.1, the three first bullets have already been considered in the Stage 1, only the 4th one is new ("Coexistence/complementary with existing public broadcasting"), and this might be already covered by other bullets more general.

Conclusion: to be revised and based on the version of the TR including the text agreed at this meeting. Comments on the revised version should be provided by e-mail.

EV-030007, *Timeframes of Medium and Long term*, from Lucent Technologies
This document proposes some concrete dates for what was referred as "Medium" and "Long" term in the TR: 10 years is proposed to be the border between these two. References to ITU-T Q.1702 are introduced.

Conclusion: withdrawn as document 11 covers the same issue with same arguments.

EV-030011, *Roadmap and Timeframes for Medium and Long Terms*, NTT DoCoMo
NTT DoCoMo proposes the following dates, also in line with ITU-T Q.1702:
Medium term: Specifications should be available approximately by 2007 so that commercial features can be available by 2010.
Long Term: Capabilities that are expected to be deployed in the marketplace after 2010.

Discussion: ITU's dates have to be considered by 3GPP just as an input when deciding the concrete dates for medium term versus long term (i.e. 3GPP does not have to necessarily follow ITU's dates). Nokia and 3 prefer to keep the terms "medium and long terms", and not to have any concrete dates at all.

Conclusion: no consensus can be reached on any date. Further input is invited in this topic.

EV-030010, *Spectrum and Regulatory Aspects*, from Ericsson
Late submission, postponed to the end of the meeting if time allows.

Conclusion: no time was left by the end of the meeting, so this document was finally not handled.

4.   Relations to other bodies

EV-030004, *Relationships with Other Fora*, from Lucent Technologies
To reflect the current tendency at 3GPP, Lucent proposes to add a new section on Interactions [of 3GPP] with other industry fora, and IETF and OMA are listed here.

Conclusion: Approved.

5.   ITU activities

EV-030003, *Updating of text on the Vision for IMT-2000 and Beyond at the ITU-R SG8 Plenary in February 2003*, from BT
BT provides here the latest available version of the ITU document DRAFT NEW RECOMMENDATION ITU-R M.[IMT-VIS] [DOC. 8/110], which title is " Vision, framework and overall objectives of the future development of IMT-2000 and systems beyond IMT-2000".

Conclusion: Noted.

6.   AoB

Nothing on this subject.

7. Follow-up activities in 3GPP. Plans for future discussions of the evolution workshop

7.1 Next meetings

In June, there will be a main milestone of this group: this is the time at which the TR is supposed to be presented to SA plenary, and where SA will decide whether to continue or stop the activities of the Future Evolution meeting.

The chairman asked whether there is a need to have an extra intermediate meeting before TSG #20. Siemens, Nokia and Ericsson see that a better solution rather than having an intermediate meeting is to ask SA plenary to postpone the date where the deliverable will be presented to TSG#21.

7.2 E-mail activities

Comments on document EV-030012 shall be provided before 28th of March.

Then the editor will produce a new version of the TR (v.0.2.0) within the following week, i.e. before the 4th of April.

Then comments on the new draft should be provided before the 11th of April.

Then some time is allowed to potentially revised the TR, so a stable version should be available at latest on April the 17th.

Then new proposals can be submitted to the Evolution reflector starting on April the 17th. These proposals have to be numbered (i.e. sent as EV-03xxxx Tdocs). The meeting secretary will announce the procedure for obtaining TDoc numbers.

Then the final version of documents submitted by e-mail should be available at latest on the 12th of May, i.e. after 12th of May, no more revision will be allowed on submitted documents.

Then on 16th of May 5 PM UK time, the documents for which no objection were received between the final version and the 16th of May 3 PM UK time will be approved.

Then the editor is asked to provide before TSG #20 a new version of the TR (v.0.3.0) including the impacts of all the e-mail approved documents.

8. Closing of the meeting

The chairman closed the meeting and thanked the delegates for their participation and MCC for the support.

Annex: Tdoc list

Tdoc #	Title	Source
EV-030001	21.902 v010 (in 3GPP format)	Rapporteur
EV-030002	Proposed re-structure of TR21.902	Rapporteur
EV-030003	Updating of text on the Vision for IMT-2000 and Beyond at the ITU-R SG8 Plenary in February 2003.	BT
EV-030004	Relationships with Other Fora	Lucent Technologies
EV-030005	Agenda	WG Chairman
EV-030006	Comments and Proposed Changes to TR21.902	AT&T Wireless Services
EV-030007	Timeframes of Medium and Long term	Lucent Technologies
EV-030008	Additional text blocks for TR 21.902 version 0.1.1	T-Mobile, Vodafone
EV-03009	Focus Areas	Lucent Technologies
EV-03010	Spectrum and Regulatory Aspects	Ericsson
EV-03011	Roadmap and Timeframes for Medium and Long Terms	NTT DoCoMo