Proposed agenda item: 6

Source: Ericsson, Nokia, Siemens

Comparison of idle mode procedure documentation in ETSI and TTC/ARIB

1   INTRODUCTION

This contribution compares the documentation that has been produced in the ETSI and TTC/ARIB bodies, relating to UE procedures in idle mode, in order to facility the creation of a common 3GPP specification.

2   SOURCE DOCUMENTS

The following documents are used as sources:

From ETSI:

- YY.04; v 0.3.0, Description procedures in idle mode [1]

From TTC/ARIB there is no document with a scope corresponding to the ETSI document. . However, in the following document some applicable information is available:

- Draft UE-UTRAN L3 RRC Signaling Protocol , Vol. 9, Ver. 1.0.0 [2]

3   COMPARISON

The contents of the ETSI paper are summarised chapter by chapter and compared to information in TTC/ARIB, if any.

Item	ETSI	TTC/ARIB	Comparisons / remarks
Table of contents		Document does not exist.	
2. Foreword			
3. Scope	The main scope of this document is to describe the idle mode process in the UE.	No document with that scope does exist in TTC/ARIB.	Information only included in ETSI.
4. References			
5. Definitions, abbreviations and symbols			
6. General Description of Idle Mode	The chapter gives an overview of the idle mode, including the functional division between the UE access and non-access stratum in idle mode.	No such information exists in TTC/ARIB.	Information only included in ETSI.
7. Process Descriptions	The chapter describes the UE processes in idle mode.	No such information exists in TTC/ARIB.	Information only included in ETSI.

8. Broadcast information receiving	The chapter includes a list of system information received in idle mode.	TTC/ARIB includes the information in the RRC protocol specification [2].	In ETSI YY.04, information related to localised service areas is given. However, TTC/ARIB RRC spec contains more details on other parts.
9. Idle mode measurements	The chapter is empty.		
10. Multicast services	A state model describes the multicast service in idle mode is included.	TTC/ARIB does not include the information.	Information only included in ETSI.
11. Examples of procedures	This chapter gives examples of the inter-layer operation for the idle mode procedures.	TTC/ARIB does not include the information.	Information only included in ETSI.

4   CONCLUSION

A 3GPP document, with the scope to describe the UE procedures in idle mode, could be created using information from this contribution and the referenced specifications.

5   REFERENCES

[1]   YY.04; v 0.3.0, Description procedures in idle mode

[2]   Draft UE-UTRAN L3 RRC Signaling Protocol , Vol. 9, Ver. 1.0.0