Technical Specification Group Services and System Aspects   ***TSGS#25(04)0670***
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Source:	**NTT DoCoMo Inc., Vodafone Group**
Title:	**Progress of work for Access Class Barring and Overload Protection (ACBOP)**
Document for:	**Discussion**
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1. Introduction

This contribution co-sourced by NTT DoCoMo and Vodafone Group discusses the progress of work (mainly Stage 2 and 3) within 3GPP for Access Class Barring and Overload Protection (ACBOP). Based on this discussion a commitment is made from both source companies to progress work in a appropriate manner based on the both the market and technical requirements for this functionality.

2. Discussion

Based on a Liaison Statement sent from SA1 to SA2 and RAN2 in S1-040129 recognising the need for access class barring specific to a CN domain (i.e. PS/CS), a work item description (WID) for ACBOP was first approved at TSG SA#23 and a revised WID was presented and approved at TSG SA#24 in SP-040338. Since the initial approval of this work item this work has been progressing in the relevant groups (mainly SA2 and RAN2) and TR 23.898, "Access Class Barring and Overload Protection", Version 1.0.0. (SP-040332) was presented for information at TSG SA#24.

Currently, it appears that in order to complete all the work identified so far within TR 23.898 will require work to be undertaken up to March 2005 and it is expected that this will be reported within the SA2 status report to TSG SA#25. However, there is a recognised need to introduce this functionality within the 3GPP specifications as soon as feasible due to the possible applicability of this functionality to disaster situations such as earthquakes and the potential benefits this functionality will provide to network operators. For this reason NTT DoCoMo and Vodafone intend to commit resources to this work within the relevant 3GPP working groups in order to enable the introduction of this functionality into operator's networks as soon as possible. It is recognised that this may require some re-structuring of the WID (currently in SP-040338) into appropriate building blocks or work tasks. In this case the intention will be to enable introduction of this functionality up to Stage 3 specification as soon as technically feasible in a manner that provides an optimum between the need for a technically correct and future proof solution, and the need to make this functionality available to network operators in as short a time frame as possible.

3. Conclusions and recommendations

The authors of this contribution respectfully request that TSG SA recognise the need to progress this work to enable it to be made available to network operators as soon as possible and acknowledge the commitment of the two source companies to progress this work in the manner described within section 2 of this contribution.