TSG-CN Plenary # 10　　　　　　　　　　　　　**Tdoc NP-000692**
6th – 8th December 2000
Bangkok, Thailand

Agenda Item : 8.4 Enable bearer independent CS architecture

Subject: Single Call Control Protocol for the Bearer Independent Architecture

Source: France Telecom

1.Introduction

The WI Bearer Independent Architecture is planed to be part of the UMTS R4. The introduction of this new architecture (the split of the MSC into the MSC server and the Media Gateway) implies the use of a bearer independent call control protocol between the MSC servers.
At this stage, the CN4 has identified two candidate protocols : BICC CS2 and SIP-T.

At the last CN4 meeting in Paris, France Telecom raised the concern that a single protocol has to be chosen for the interface between MSC servers. For the moment, no clear statement on this point does exist at the CN4 level. The CN4 meeting concluded that such statement has to be taken at the CN level.

Discussion

France Telecom has the view that the possibility to have two different protocols at this interface will definitively introduces complexity within the network : interconnection and mapping rules between these two protocols will be needed... With a single protocol, all these problems do not exist.

Therefore, France Telecom would like to introduce the following statement concerning the bearer independent architecture WI : "A single Bearer Independent Call Control protocols on the MSC Server - MSC Server interface shall be specified".

France Telecom is willing to bring a contribution to the CN plenary to include this statement in the appropriate specification.

The aim of this contribution is not to choose one protocol or the other, but to ensure that there will be only one protocol defined at this interface. The choice between SIP-T and BICC will be done later on, when technical studies will be ready in the CN4.