

Source: TSG CN WG4
Title: Form for exception on Mn-interface
Agenda item: 9.16
Document for: APPROVAL

Release 6 Submission form

Feature / Item:		IMS-CCR-Mn					
Affects:	UE/MS:	CN:	UTRAN:	GERAN:	Compatibility Issues:	Yes	No:
	NO	YES	NO	NO		:	New function
Expected Completion Date:		June2005					
Services impacted:		IMS CS Interworking					
Specifications affected:		29.332					
Tasks within work which are not complete:			Profiling of the protocol to ensure interoperability in an open inter-vendor environment. Requirements from TISPAN not considered.				
Consequences if not included in Release 6:			Potential misoperation due to variations in implementation. Potential backward compatibility issues with Rel7 if TISPAN requirements not considered until then.				
Accepted by TSG#			for late inclusion in Release 6:				

Abstract of document:

TS 29.332 describes the stage 3 protocol for the reference point Mn, which is the MGW control interface for the IMS to CS interworking point. The specification is based on core H.248 protocol but then defines additional procedures that are new and specific for the Mn interface. It also defined which packages and procedures are re-used from other MGW control protocols to support the CS network.

Contentious Issues:

1. Introduction of the standard profile template as defined in H.248.1 v2 (to define the minimum set of protocol variants to ensure interoperability) is agreed in principle to be incorporated into TS 29.332 (clause 12) but the content for the profiling has not been agreed. Email discussions are proposed prior to next CN4 meeting to agree this based on input contribution N4-050239.
2. Work in ETSI TISPAN for NGN Trunking Gateway control protocol has discussed the suitability of the Mn protocol for this application. On initial inspection this profile is analogous to the TGW requirements. In order to avoid potential backward compatibility issues between Rel7 and Rel6, CN4 proposed to take into account any requirements from TISPAN into this protocol specification if available within the requested time extension.