3GPP TSG_CN
Plenary Meeting #9, Oahu, Hawaii, USA
20th – 22nd September 2000.

Tdoc NP-000525

Source:	**TSG-CN Chair & Vice-chair**
Title:	**Revision of TSG-CN ToR**
Agenda item:	**10.2.1**
Document for:	**APPROVAL**

TERMS OF REFERENCE

Technical Specification Group Core Network

Background

The third generation systems based on 3GPP specifications will rely on evolutions from the GSM network standards. This approach will ensure that systems based on 3GPP specifications will be capable of rapid development and deployment of competitive service offerings while still enabling global roaming.

Terms of reference

The technical specification development work within 3GPP is accomplished by Technical Specification Groups (TSGs) according to the principles and rules contained in the Project reference documentation (~~–~~Partnership Project Description, Partnership Project Agreement, Partnership Project Working Procedures).

In particular the TSGs report to the Project C~~c~~oordination Group (PCG), and may organize their work in Working Groups and liaise with other groups as appropriate. Liaison with groups outside 3GPP is subject to authorisation by the PCG.

Each TSG has the responsibility to develop, approve and maintain the specifications within its terms of reference.

The TSG **Core Network** (TSG-CN) is responsible for the specifications of the Core N~~n~~etwork part of systems based on 3GPP specifications.

Specifically it has a responsibility for~~:~~:

- User Equipment - Core ~~network~~ Network layer 3 radio protocols (~~-~~Call Control, Session Management, Mobility Management)~~;~~;
- Core Network internal interfaces for Call Associated and ~~Non~~ Call ~~Associated~~ Independent signalling;
- Interconnection of the Core Network with external networks;
- Analysis, validation, and possible extension or adaptation of externally developed protocols for application within the 3GPP ~~c~~Core ~~n~~Network;~~:~~
- Management of work items and completion of Features, Building Blocks and Work Tasks placed under its responsibility.

More specifically, TSG-CN will address the following areas of work~~:~~:

- Mobility management, call connection control and session management signalling between the ~~u~~User ~~e~~Equipment and the ~~core~~ Core ~~network~~Network;~~,~~
- Core Network Intelligent Network functions and protocols;
- Core ~~network~~ Network signalling between the ~~core~~ Core ~~network~~ Network nodes. The signalling supports functionality such as user information, subscription information and control of network services;~~:~~

Interworking with 2nd generation networks (e.g. handover to / from GSM);.

Definition of interworking functions between the core Core network Network and external networks;.

Packet related matters such as transport evolution, mapping of QoS [e.g. transparency for IP domain applications, general for bearer types, special for optimized applications such as Voice over IP];.

Core network Network aspects of the Iu interface;.

Specification of application interfaces for the development of Core nNetwork service platforms (e.g.. OSA).

Core network O&M requirements.

Glossary of terms

CN	Core Network
IP	Internet Protocol
O&M	Operations and Maintenance
OSA	Open Services Architecture
QoS	Quality of Service
RR	Radio Resource
UE	User Equipment
USIM	UMTS Subscriber Interface Module
UTRAN	Universal Terrestrial Radio Access Network
VHE	Virtual Home Environment