

Source: SA5 (Telecom Management)
Title: WID WT CN CS Bearer Transport Network (BTN) relative NRM
Document for: Approval
Agenda Item: 7.5.3

3GPP TSG-SA5 (Telecom Management)
Meeting #42, Montreal, CANADA, 09 - 13 May 2005

S5-050292

Work Item Description

Title: CN CS Bearer Transport Network (BTN) relative Resource Model
Acronym: OAM7-NIM
Unique_ID: 35056

1 3GPP Work Area

	Radio Access
X	Core Network
	Services

2 Linked work items

still to be defined:

OAM&P (Operations, Administration, Maintenance & Provisioning) (Feature: OAM)

WI	Unique_ID
OAM7	35041

Network Infrastructure Management (BB: OAM-NIM)

WI	Unique_ID
OAM7-NIM	35042

3 Justification

Circuit is a logic link between two exchange network nodes which bear the user data such as voice, e.g. 64K slot of one 2M E1. Traffic route represents the route via which bearer flow to a specific destination.

To learn the detailed circuit connection relationship between network nodes and traffic route configuration status of the CN CS, bearer transport network related NRM need to be defined, such as circuit, traffic route, etc.

4 Objective

To define Bearer Transport Network (BTN) related NRM which are applicable to CN CS of UMTS.

To specify Bearer Transport Network (BTN) relative NRM definition of the CN CS:

- Specify BTN relative NRM management requirements
- Specify BTN Network Resource Models (NRMs)
- Specify CORBA Solution Set (SS)

- Specify CMIP Solution Set (SS)

5 Service Aspects

None

6 MMI-Aspects

None

7 Charging Aspects

None

8 Security Aspects

None

9 Impacts

Affects:	USIM	ME	AN	CN	Others
Yes				X	
No	X	X	X		X
Don't know					

10 Expected Output and Time scale (to be updated at each plenary)

New specifications						
Spec No.	Title	1 st resp. WG	2 nd resp. WG(s)	Presented for Information	Presented for Approval	Comments
TS 32.xx1	BTN relative NRM management requirements			09/2005	12/2005	
TS 32.xx2	Specify BTN Network Resource Models (NRMs)			09/2005	12/2005	
TS 32.xx3	CORBA Solution Set (SS)			09/2005	12/2005	
TS 32.xx4	CMIP Solution Set (SS)			09/2005	12/2005	
Affected existing specifications						
Spec No.	CR	Subject		CR Approved		Comments

11 Work item rapporteurs

Li Yewen (liyewen@chinamobile.com)

12 Work item leadership

SA5

13 Supporting Companies

China Mobile, Huawei, ZTE, CATT

14 Classification of the WI (if known)

	Feature (go to 14a)
	Building Block (go to 14b)
X	Work Task (go to 14c)

14a The WI is a Feature: List of building blocks under this feature
(list of Work Items identified as building blocks)

14b The WI is a Building Block: parent Feature
(one Work Item identified as a feature)

14c The WI is a Work Task: parent Building Block
(one Work Item identified as a building block)

still to be defined:

Network Infrastructure Management (BB: OAM-NIM)

WI	Unique_ID
OAM-NIM	35042