

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

Tdoc NP-000698

Agenda Item : 8.19
Subject: Revision of ASCI R00 Work Item
Source: Nortel Networks
Document for: Approval

Revision of the approved R00 WI on ASCI for R4 instead.

Source: [STF-139Nortel Networks](#)
Title: Work item description for ASCI ~~R2000~~ [R4](#) enhancements
Document for: Decision

The following work item is be proposed to TSGs.

Work Item Description

Title: ASCI ~~R2000~~ [R4](#) enhancements

1 3GPP Work Area

x	GSM Radio Access
x	Core Network
	Services

2 Linked work items

None

3 Justification

As required by the EC Directive 96/48 on High Speed Train Interoperability, European railways are actually introducing GSM for Railways (GSM-R); Railways of other countries world-wide have decided to introduce GSM-R or indicated their interest to introduce GSM-R. Further EC directives to widen the application in European railways are in preparation.

Some ~~R2000~~ [R4](#) enhancements of ASCI are required for proper operation (and also requested by the TSI, Technical Standards for Interoperability).

4 Objective

Objective of the work item is to fulfil functional and operational requirements for railways operation.

5 Service Aspects

The proposed enhancements imply improvement of service aspects of VBS and VGCS (possibility to add operator-to-dispatcher information, VGCS / VBS ciphering for the common channels).

6 MMI-Aspects

In how far MMI aspects (example: indication that ciphering is applied) have to be defined in the specifications, has to be elaborated.

7 Charging Aspects

Definition of ASCI related event records is part of the work item.

8 Security Aspects

Introduction of VGCS/VBS ciphering is part of the work item.

9 Impacts

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

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

Note: An update of the specification numbers is expected due to a general restructuring under consideration. As the exact transfer of responsibilities has to be defined, reference to TSG meetings as a whole is made.

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	

11 Work item raporteurs

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12 Work item leadership

[tbd \(e.g., CNI or a GERAN group\) N1, N4](#)

13 Supporting Companies

Arcor, Kapsch, Nortel, Siemens, UIC, Sagem, SNCF

14 Classification of the WI (if known)

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

14a The WI is a Feature: List of building blocks under this feature

- operator-to-dispatcher information; associated work tasks:
 - * stage 1 outstanding issues (if any)
 - * stage 1 outstanding issues (if any)
 - * stage 1 outstanding issues (if any)
 - * AT commands
 - * MS testing outstanding issues (if any)
 - * SIM outstanding issues (if any)
- VGCS / VBS ciphering
- tracing for ASCI
- event records for ASCI
- ASCI related AT commands
- interaction ASCI-GPRS
- TEI

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)