Source: **T1**
Title: **Proposed WID for Conformance Testing of HSDPA**
Agenda item: **5.1.3**
Document for: **Approval**

3GPP TSG T WG1#20   **T1-031257**
28 July – 1 August 2003
Munich, Germany

Work Item Description

Title: High Speed Downlink Packet Access (HSDPA) – Conformance Testing of HSDPA

1   3GPP Work Area

X	Radio Access
	Core Network
	Services

2   Linked work items

WP ID	WID	Rel. *	Title
2476	RP-010915	P_F	High Speed Downlink Packet Access (HSDPA)
2478	RP-010915	P_BB	High Speed Downlink Packet Access (HSDPA) - layer 2 and 3 aspects
2480	RP-010915	P_BB	HSDPA RF Radio Transmission/ Reception, System Performance Requirements and Conformance Testing

* Relationship: P = Parent, F = Feature, BB = Building Block, S = Subordinate, R = Related

3   Justification

The study item on HSDPA was concluded in RAN WG#11with recommendations on the techniques to be included in Rel-5. The core specifications were updated and enhanced for Rel-5 and therefore the test specifications must be updated to reflect these changes. This work item enables the conformance testing of HSDPA.

4 Objective

The technical objective of this work item is the conformance testing of HSDPA to prepare a conformance test specification for the signalling layer 2 and 3 aspects. Also prepare a conformance test specification for the various RF characteristics of the HSDPA feature as they impact the mobile station performance and the radio resource management aspects.

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	X		
No	X			X	X
Don't know					

10   Expected Output and Time scale

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	
34.108		Common Test Environments for User Equipment (UE) Conformance Testing			
34.121		Terminal Conformance Specification, Radio Transmission and Reception - FDD			
34.122		Terminal Conformance Specification, Radio Transmission and Reception - TDD			
34.123		UE Conformance Specification; Protocol, aspects			

11   Work item rapporteurs

Carolyn Taylor (Motorola)

12   Work item leadership

T1

13   Supporting Companies

Panasonic, Nokia, NTT DoCoMo, Ericsson, Motorola

14   Classification of the WI (if known)

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

14c   The WI is a Work Task:

See section 2, Linked Work Items for relationship between this Work Task and its parent Building Block and Feature.