

3GPP TSG RAN Meeting #28
Quebec, Canada, 1 - 3 June 2005

RP-050285

Title	Work Item Proposal for FDD Enhanced Uplink
Source	3GPP TSG RAN WG5 (Testing)
Agenda Item	8.14

Source: Cingular, Ericsson, Nokia, NTT DoCoMo, Motorola, Vodafone, Qualcomm, ZTE

Title: Proposal for new work item for FDD Enhanced Uplink

Agenda item: 6.1.1

Document for: Approval

In Release 6, the WI on FDD Enhanced Uplink is introduced. It is proposed that an associated Release 6 WI for the conformance test aspects of FDD Enhance Uplink is created in RAN5.

Work Item Description

WT_59. Conformance Test Aspects – FDD Enhanced Uplink

1. 3GPP Work Area

X	Radio Access
	Core Network
	Services

2. Linked work items

WP ID	WID	Rel. *	Title
20003	RP	P_F	FDD Enhanced Uplink
20004	R2	BB	FDD Enhanced Uplink - Stage 2
20005	R1	BB	FDD Enhanced Uplink - Physical Layer
20006	R2	BB	FDD Enhanced Uplink - Layer 2 and 3 Protocol Aspects
20007	R3	BB	FDD Enhanced Uplink - UTRAN Iub/Iur Protocol Aspects
20008	R4	BB	FDD Enhanced Uplink - 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 core specifications for Release 6 have been enhanced by introduction of FDD Enhanced Uplink feature and the test specifications need to be updated accordingly. This work item enables the conformance testing of FDD Enhanced Uplink feature.

4. Objective

The technical objective of this work item is to provide for conformance testing of the FDD Enhanced Uplink feature covering the various RF characteristics, the radio resource management aspects and the signalling Layer 2 and 3 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
TS 34.108		Common test environments for User Equipment (UE) conformance testing		TSG RAN#31, March 06		Definition of common test environment for FDD Enhanced Uplink testing.
TS 34.109		Terminal logical test interface; Special conformance testing functions		TSG RAN#31, March 06		TS 34.109 is under RAN2 responsibility but RAN5 need to identify possible new requirements on UE test loop functionality to enable testing of Enhanced Uplink feature.
TS 34.121		Terminal Conformance Specification, Radio Transmission and Reception (FDD)		TSG RAN#31, March 06		Introduction of new RF&RRM test cases for FDD Enhanced Uplink
TS 34.123-1		User Equipment (UE) conformance specification; Part 1: Protocol conformance specification		TSG RAN#31, March 06		Introduction of new Layer 2 and Layer 3 signalling test cases for FDD Enhanced Uplink
TS 34.123-2		User Equipment (UE) conformance specification; Part 2: Implementation Conformance Statement (ICS) proforma specification		TSG RAN#31, March 06		Applicability statements for the new Layer 2 and 3 signalling test cases for FDD Enhanced Uplink
TS 34.123-3		User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSSs)		TBD		Development of TTCN test cases for the Layer 2 and 3 signalling test cases for FDD Enhanced Uplink

11. Work item rapporteurs

Mr Leif Mattisson, Ericsson, Sweden

12 Work item leadership

TSG RAN5

13 Supporting Companies

Cingular, Ericsson, Nokia, NTT DoCoMo, Motorola, Vodafone, Qualcomm, ZTE

14 Classification of the WI (if known)

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

14c. This WI is a Work task

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