3GPP TSG-RAN Working Group 1, Meeting #11 TDoc TSG RAN WG1 (00)0375
San Diego, USA, February 29 – March 3, 2000

Source: Siemens AG
Title: Proposal for Work Item Description 'Hybrid ARQ II/III'
Agenda Item: 17

Work Item Description

Title

Hybrid ARQ type II/III

1 3GPP Work Area

X	Radio Access
	Core Network
	Services

2 Linked work items

none

3 Justification

This feature has been shown to have the potential of efficiently enhancing the performance of packet data transmission by transmitting incremental redundancy at the request of the receiver.

4 Objective

In order to support the general mechanism, required signalling, and combining of existing information with incremental redundancy, the specifications for physical layer, as well as for higher layers and testing will be changed and/or extended.

The following time schedule is planned in WG1:

Task	**Planned Start**	**Planned Finish**
Work Item Creation	3/2000	3/2000
Work Item Approval		3/2000
Drafting and discussion	4/2000	6/2000
Updates of Specifications	6/2000	9/2000
Submission to TSG RAN for approval		9/2000

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	
Don't know					

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

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
25.211		Physical channels and mapping of transport channels onto physical channels (FDD)	RAN #9	
25.212		Multiplexing and Channel Coding (FDD)	RAN #9	
25.214		Physical Layer Procedures (FDD)	RAN #9	
25.221		Physical channels and mapping of transport channels onto physical channels (TDD)	RAN #9	
25.222		Multiplexing and Channel Coding (TDD)	RAN #9	
25.224		Physical Layer Procedures (TDD)	RAN #9	
25.301		Radio Interface Protocol Architecture	RAN #9	
25.302		Services provided by the physical layer	RAN #9	
25.303		Interlayer procedures in connected mode	RAN #9	
25.304		UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode	RAN #9	
25.321		MAC Protocol Specification	RAN #9	
25.322		RLC Protocol Specification	RAN #9	
25.331		RRC Protocol Specification	RAN #9	
25.401		UTRAN Overall Description	RAN #9	
25.420		UTRAN Iur Interface: General Aspects and Principles	RAN #9	
25.423		UTRAN Iur Interface RNSAP Signalling	RAN #9	
25.425		UTRAN Iur interface user plane protocols for CCH data streams	RAN #9	
25.430		UTRAN Iub Interface: General Aspects and Principles	RAN #9	

25.433		UTRAN Iub Interface NBAP Signalling	RAN #9	
25.435		UTRAN Iub interface user plane protocols for CCH data streams	RAN #9	

11 Work item raporteurs

(name of physical person)

12 Work item leadership

(one WG)

13 Supporting Companies

Interdigital Communication, Nokia, NTT DoCoMo, Siemens

14 Classification of the WI (if known)

	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

(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)