TSG-RAN Meeting #13 ***RP-010515***
Beijing, China, 18 - 21 September 2001

Source: **TSG-RAN**

Title: **Study Item sheets - history**

This document contains Study Item sheets in TSG-RAN for all approved Study Items that have been finished. The SI sheets of the approved and finished WIs are provided in a separate document, RAN_Work_Items_History. The SI sheets for current SIs can be found in RAN_Study_Items.

The finished Study Items at the end of TSG-RAN #12 are:

2. High speed downlink packet access

1 Radio link performance enhancements

This SI has not finished yet. See RAN_Study_Items.

2. High speed downlink packet access

Last distributed as: RAN_Study_Items_after_RAN_9 (originally RP-000032)

Study Item Description

Title

High Speed Downlink Packet Access

1 3GPP Work Area

X	Radio Access
	Core Network
	Services

2 Linked work items

None

3 Justification

This work item proposes to study enhancements that can be applied to UTRA in order to provide very high speed downlink packet access. It's aim is to identify a long term evolution path for the UTRA air interface.

4 Objective

It is proposed that the study should include, but not be restricted to, the following topics:

- Adaptive modulation and coding schemes
- Hybrid ARQ protocols
- Position of the scheduling function within UTRAN
- Other advanced techniques

[note: Technical details of one proposal can be found in TDoc 126]

5 Service Aspects

Probably none– better support of existing packet data services

6 MMI-Aspects

None

7 Charging Aspects

None– uses existing packet data charging schemes

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
TR	Evaluation of High Speed Downlink Packet Data Service	R2	R1, R3, R4	RAN #10	RAN #11	New technical report

Affected existing specifications				
Spec No.	CR	Subject	Approved at plenary#	Comments

The technical report should present the results of the study and make a recommendation for which techniques should be incorporated into future releases of the standard. The report should also detail the work items descriptions necessary to continue this work.

11 Work item raporteurs

Amitava Ghosh, Motorola

12 Work item leadership

TSG-RAN WG2

13 Supporting Companies

TSG-RAN

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)

3 USTS

This SI has not finished yet. See RAN_Study_Items.

4 Feasibility Study for Improved Common DL Channel for Cell-FACH State

This SI has not finished yet. See RAN_Study_Items.

5 Feasibility Study of UE antenna efficiency test methods performance requirements

This SI has not finished yet. See RAN_Study_Items.

6 Fast Cell Selection (FCS) for HS-DSCH

This SI has not finished yet. See RAN_Study_Items.

7 Improvement of Radio Resource Management across RNS and RNS/BSS

This SI has not finished yet. See RAN_Study_Items.

8 Mitigating the Effect of CPICH Interference at the UE

This SI has not finished yet. See RAN_Study_Items.

9 Re-introduction of the downlink SIR measurement

This SI has not finished yet. See RAN_Study_Items.

10 Feasibility Study on UTRA Wideband Distribution Subsystems (WDS)

This SI has not finished yet. See RAN_Study_Items.

11 SRNS Relocation Procedure Enhancement

This SI has not finished yet. See RAN_Study_Items.

12 Introduction of direct transport bearers between SRNC and Node-B

This SI has not finished yet. See RAN_Study_Items.