TSG-RAN meeting #7 RP-000032
Madrid, Spain, 13-15 March 2000

Title: **Work item description sheet for High Speed Downlink Packet Access**
Document for: **Approval**
Source: **Motorola**

Work 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

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	R1	R2, R3, R4	RAN #9	RAN #10	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

RAN WG1

13   Supporting Companies

Motorola, Nokia, BT/Cellnet, T-Mobil. NTT DoCoMo

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)