

Title: Work item description "FAUSCH"
Document for: Approval
Source: Philips

Work Item Description

Title

FAst Uplink Signalling CHannel (FAUSCH)

1 3GPP Work Area

X	Radio Access
	Core Network
	Services

2 Linked work items

None

3 Justification

The FAst Uplink Signalling CHannel (FAUSCH) is intended to support uplink packet transmission with low overhead, good delay characteristics, collision free access and minimal impact on hardware and software resources at the UE and in the UTRAN.

The FAUSCH concept was originally adopted within the ETSI UMTS specifications, and was included in the 3GPP Release '99 specifications produced by TSG RAN WG2. However, further work on FAUSCH within TSG RAN WG1 was deferred to Release 2000, due to time constraints.

The work will affect the specifications for the physical layer, higher layers, testing and possibly also the RF specifications.

The existing text on FAUSCH covers the UTRAN FDD part, however there has also been some work on utilising the concept within the UTRAN TDD part, and this will continue.

4 Objective

Modification of the specifications to include support for FAUSCH.

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 (to be updated at each plenary)

New specifications				
None				
Affected existing specifications				
Spec No.	CR	Subject	Approved at plenary#	Comments
25.201				
25.211				
25.213				
25.214				
25.301				
25.302				
25.303				
25.321				
25.331				
34.123				

Note: Other specifications may also be affected (e.g. TDD and RF)

11 Work item rapporteurs

Christoph Herrmann

12 Work item leadership

TSG RAN WG2

13 Supporting Companies

Philips
Golden Bridge Technologies
Bosch Telecom

14 Classification of the WI (if known)

Not known.