

2-4 August, 2000

Oslo, Norway

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**Source:** Vodafone

**Title:** WI description for P-TMSI signature stage 2 specification

**Document for:** Approval

**Agenda Item:** 12

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### Work Item Description

#### Title

**P-TMSI signature stage 2 specification**

**1 3GPP Work Area**

X	Radio Access
X	Core Network
X	Services

**2 Linked work items**

None identified

**3 Justification**

The P-TMSI signature has been removed from the service request in R99 because integrity protection is provided instead. This decision was not visible to S3 because the stage 2 P-TMSI signature specifications are not provided in S3 specifications. It is necessary to increase visibility of this security mechanism by including the stage 2 specification of the P-TMSI signature in the GPRS R97/R98 specifications (03.20) and the UMTS R99/R00 specifications (33.102).

**4 Objective**

The objectives of this work item are:

- to produce the necessary stage 2 specifications
- to ensure alignment with the stage 3 specifications

**5 Service Aspects**

None identified.

**6 MMI-Aspects**

None identified.

**7 Charging Aspects**

None identified.

**8 Security Aspects**

The main aspect of this work item is security.

**9 Impacts**

Affects:	USIM	ME	AN	CN	Others
Yes				X	
No					
Don't know	X	X	X		X

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

Meeting	Date	Activity
S3#16	November 2000	Complete Stage 2 specifications and ensure alignment with the stage 3 specifications.

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	
33.102						
03.20						

**11 Work item rapporteurs**

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**12 Work item leadership**

TSG SA WG3

**13 Supporting Companies**

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**14 Classification of the WI (if known)**

	Feature (go to 14a)
	Building Block (go to 14b)

	Work Task (go to 14c)
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