Source:	**CN3**
Title:	**WID for DIAMETER on the PDG Wi interface**
Agenda item:	**10.1**
Document for:	**APPROVAL**

<u>**Work Item Description**</u>

Title

DIAMETER on the PDG Wi interface

1   3GPP Work Area

	Radio Access
X	Core Network
	Services

2   Linked work items

31012   WLAN-UMTS Interworking
32018   Architecture Definition
13019   Stage 3 - CN3 aspects (Wi Interface for Scenario 3)

3   Justification

CN3 agreed to create a new specification TS 29.161 for the Wi interface, the protocol for Wi is currently RADIUS.
Other platforms that could have used either RADIUS or Diameter have been allowed to use Diameter in the specifications.

Diameter is used on a multitude of interfaces including Cx, Sh, Gq, Ro, Rf,   in IMS, policy control and IP flow charging. Several reference points in Wireless LAN will be using Diameter, see TS 23.234 for Wireless LAN details

4   Objective

Diameter should be also specified for use on the Wi interface.

5   Service Aspects

None

6   MMI-Aspects

None

7   Charging Aspects

None

8   Security Aspects

None

9   Impacts

Affects:	UICC apps	ME	AN	CN	Others
Yes				X	
No	X	X	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
TS 29.161		Provision AAA information over Diameter transport		CN#29 (Sept.2005)		

11   Work item raporteurs
Stefan Koppenborg
T-Mobile International
Phone: +49 228 936-18449
Mobile: +49 171 54 30 164
E-Mail: stefan.koppenborg@t-mobile.de

12   Work item leadership

CN3

13   Supporting Companies

T-Mobile, Cisco Systems, Nortel Networks, Siemens

14   Classification of the WI (if known)

	Feature (go to 14a)
X	Building Block (go to 14b)
	Work Task (go to 14c)

14a   The WI is a Feature: List of building blocks under this feature

14b   The WI is a Building Block: parent Feature

31012   WLAN-UMTS Interworking

14c   The WI is a Work Task: parent Building Block