

Source: SA5 (Telecom Management)
Title: WID on Rel-6 WT on PoC Charging
Document for: Approval
Agenda Item: 7.5.3

3GPP TSG-SA5 (Telecom Management)
Meeting #41, Lisbon, PORTUGAL, 24 - 28 January 2005

S5-054164

Work Item Description

Title: PoC charging (PoC-CH)

1 3GPP Work Area

	Radio Access
X	Core Network
X	Services
	Terminals

2 Linked work items

32063 3GPP enablers for services like Push to Talk over Cellular (SA2)
60002 Dependencies on OMA PoC
35016 Charging Management (SP-040773)
35019 Charging Management for the Service domain (SP-040778)

3 Justification

The Push-To-Talk over Cellular Service (PoC) is being specified in OMA and aligned with 3GPP as part of Release 6. At present no charging specifications exist for this service. In order for operators to be able to charge their subscribers for PoC Service usage, SA5 needs to describe the charging architecture, principles and scenarios, reference point and protocol to be used, charging information and PoC online charging data, in a new PoC-specific TS 32.27x-series specification. In order to cover PoC, SA5 needs also to extend the content of:

TS 32.296	Telecommunication management; Charging management; On line Charging System (OCS): Applications and interfaces
TS 32.298	Telecommunication management; Charging management; Charging Data Record (CDR) parameter description
TS 32.299	Telecommunication management; Charging management; Diameter charging applications

4 Objective

Produce a new Specification, TS 32.272 PoC Charging,. Add an PoC section to TS 32.298 (CDR Parameter Description). Assess impact upon TS 32.296 (Online charging system; applications and Interfaces) and TS 32.299 (Charging Management: Diameter charging applications) and update as required.

5 Service Aspects

None

6 MMI-Aspects

None

7 Charging Aspects

This is a charging specification.

8 Security Aspects

None

9 Impacts

Affects:	USIM	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	1 st resp. WG	2 nd resp. WG(s)	Presented for Information	Presented for Approval	Comments
32.272	Charging management; Push-to-talk over Cellular (PoC) charging	SA5		03/2005	06/2005	
Affected existing specifications						
Spec No.	CR	Subject		CR Approved		Comments
32.298		Add PoC CDR Parameter Description		06/2005		
32.296		Add PoC specific AVPs if required		06/2005		
32.299		Add PoC AVPs and/or online charging principles if required		06/2005		

11 Work item rapporteur

Gerald.GÖRMER, Siemens AG [gerald.goermer@siemens.com]

12 Work item leadership

SA5

13 Supporting Companies

Ericsson, Nokia, Nortel, Orange, Siemens, T-Mobile, Telecom Italia, Vodafone

14 Classification of the WI (if known)

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

The WI is a **Work Task**: parent **Building Block**

- 32063 3GPP enablers for services like Push to Talk over Cellular (SA2)
- 35019 Charging Management for the Service domain