Source:	**SA1**
Title:	**WI for IMS enhancements (Release 6)**
Document for:	**Approval**
Agenda Item:	**7.1.3**

Work Item Description

Title   **IMS Enhancements (Phase 2)**

1   3GPP Work Area

	Radio Access
X	Core Network
X	Services

2   Linked work items

IMS Group Management, IMS Messaging, IP &PS Emergency calls

3   Justification

In Release 5, the IMS was defined to support IP Multimedia services. The feature set in Release 5 provides a basis for IP Multimedia support. Some capabilities already identified were not completed as part of Release 5 and the need for other new capabilities is being identified. Hence there is a need to consider the new capabilities needed for the support of IP Multimedia in order to enhance the capabilities available to operators.

4   Objective

The objectives of this work item are to finalise postponed Release 5 features and to refine and further develop support of the IP Multimedia services in a wireless network. The areas to be considered include, but are not limited to:

-    IMS Local services

-    Interworking between IMS and IP networks (e.g. IPv4/IPv6 interworking)

- Address Portability

5   Service Aspects
TBD

6   MMI-Aspects

TBD

7   Charging Aspects

TBD

8   Security Aspects

TBD

9   Impacts

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

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

The results of this Work Item shall be to provide CRs to Technical Standard 22.228.

In order to clearly state the TSG-S1 Service Requirements to other TSG's and WG's in a timely fashion the following Work Plan is proposed. The intention is to ensure that the requirements are 80% stable by TSG#17 in order to allow time for stage 2 and stage 3 work to complete by June 2003.

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
22.228						CRs may be expected at TSG-SA #16 - #17

11   Work item raporteurs

Tommi Kokkola (Nokia)

12   Work item leadership

TSG-SA1

13 Supporting Companies

Lucent Technologies, Nokia, Hutchison 3G, AWS, Orange, Gemplus, Taral networks, Ericsson, Siemens

14 Classification of the WI (if known)

x	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

32015	Radio optimisation impacts on PS domain architecture	WG SA2			SP-010721
2048	Interworking between IMS and IP networks	WG CN3	IMS-CCR-IWIP	"23.821, 29.061, 29.162"	NP-010568
32005	IMS Local services	WG SA2		23.228	

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)