Technical Specification Group Services and System Aspects
Meeting #17, Biarritz, France, 9-12 September 2002

TSGS#17(02)0575

Source:	**SA1**
Title:	**Updated IMS WID to include Access Independence and Interoperability with Other IMS systems**
Document for:	**Approval**
Agenda Item:	**7.1.3**

TSG-SA WG 1 (Services) meeting No 17 **S1-021772**
Durango, USA, 12-16th August 2002 **Agenda Item: IMS**

Title: **Proposed change to IMS WID to include Access Independence and Interoperability with Other IMS systems**

Source: **IMS SWG**

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 other IP networks (e.g. IPv4/IPv6 and 3GPP2 interworking)
- Address Portability
- Access technology independence; where access independence provides the ability for the subscriber to access their IP Multimedia services via non 3GPP access technologies, e.g. via Internet, WLAN.

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)