

Technical Specification Group SA  
Meeting #3, Yokohama, Japan, 26-28 April 1999

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**Source:** R Pandya, ITU-T WP3/11  
**Title:** Consolidated Draft Work Plan for IMT-2000 Network Aspects in ITU-T  
**Document for:** Information and Discussion  
**Agenda Item:** 4.3

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<e-mail and attachment follow>:

Dear Mr. Rosenbrock:

As you are aware ITU-T is responsible for developing standards for 'network aspects' of IMT-2000 - the ITU's 3rd generation mobile system.

Further, ITU-T Study Group 11 is the lead Study Group on IMT-2000 within ITU-T and it is responsible for maintaining and coordinating the overall work plan on IMT-2000 in ITU-T.

The attachment provides the latest view of IMT-2000 network related standardization activities currently underway in ITU-T. I am forwarding it for information of 3GPP participants so that global standardization of IMT-2000 may be well coordinated across all relevant forums. If you have any questions or comments, please feel free to contact me.

Yours truly,

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Consolidated Draft Work Plan for IMT-2000 Network Aspects in ITU-T

Group	Document	Title	Scope	Target Determination
<b><u>SG11</u></b>				
Q8/11	Q.1701	Framework for IMT-2000 Networks	Defines the IMT-2000 Family of Systems concept, identifies interfaces for standardization by ITU, and provides IMT-2000 CS1 capabilities	05/ 1998 (decision 03/99)
	Q.1711	Functional Network Architecture for IMT-2000	Identifies network and terminal functions and relationships between them to support IMT-2000 CS1 services and network capabilities per Q.1701	05/1998 (decision 03/99)
	Q.1721	Information Flows for IMT-2000	Defines the Stage 2 information flows for IMT-2000 CS1 services and network capabilities per Q.1701	12/1999
Q23/11	Q.1731-2	Functional specifications and requirements for IMT-2000 Layer 2 radio interface	Defines radio-independent requirements and functions for Layer 2 of the IMT-2000 radio interface	12/1999
	Q.1731-GA	Functional specifications and requirements for IMT-2000 radio interface - General Aspects	Addresses general aspects and high-level protocol architecture for IMT-2000 radio interface	Note 1
	Q.1731-3	Functional specifications and requirements for IMT-2000 radio interface - layer 3	Provides Layer 3 common functional requirements for the IMT-2000 radio interface	Note 1
	Q.1741	Functional specifications and requirements for IMT-2000 UIM (User Identity Module)	Defines requirements for the design of the IMT-2000 UIM and the UIM-MT interface	12/1999
Q24/11	Q.1751	Functional Requirements for	Identifies common functional requirements for	Note 1

Group	Document	Title	Scope	Target Determination
		the IMT-2000 network-to-network interface	the IMT-2000 network-network interface	
JQG1*	Q.L2P	Layer 2 protocol for the radio interface	Layer 2 protocol for IMT-2000 radio interface	4Q/2000
JQG3	Tech. Rep.		Identify INAP requirements and enhancements for IMT-2000 service control	12/1999
JQG4	Tech. Rep.		Identify requirements and broad protocol choices for IMT-2000 mobility management	12/1999
JQG4(?)	Q.IMM		IMT-2000 mobility management protocols	4Q/2000
JQG5	Tech. Rep.		Identify requirements and enhancements on existing call & bearer control protocols. Protocol selection for IMT-2000 call & bearer control.	12/1999
JQG6	Tech. Rep.		IMT-2000 management requirements (high level)	4Q/1999
JQG7	Tech. Rep.		IMT-2000 security requirements and protocols	TBD
WP1/11	Q.ICC		IMT-2000 call/connection control protocols	4Q/2000
	Q.2630.1	AAL2 Signalling for CS-1	AAL2 signalling protocols	03/1999
WP4/11	Q.ISC		IMT-2000 service control protocols	4Q/2000
<b>SG2</b>	F.116	IMT-2000 Service features	Provides descriptions for IMT-2000 service features and capabilities	05/1999
<b>SG3</b>			IMT-2000 charging and accounting principles	
<b>SG4</b>	M.3210.0	Management framework for IMT-2000		TBD
	M.3210	Service		TBD

Group	Document	Title	Scope	Target Determination
	.imtsp	provisioning for IMT-2000		
	M.3210 .sec	Security management for IMT-2000		TBD
	M.3210 .imtchg	Charging and billing for IMT-2000		TBD
<b>SG12</b>	P.313	Transmission characteristics for cordless & mobile digital terminals		09/1999
<b>SG13</b>	I.5imt	Interworking of IMT-2000 with other networks		xx/2000
	I.35z	Framework for mobile performance		xx/2000
<b>SG16</b>	H.223	Multiplexing protocol for lbr multimedia comm.		03/96
	H.245	Control protocols for multimedia comm.		
	H.323	Pkt-based multimedia comm. systems		02/98
	H.324	Terminals for lbr multimedia comm.		02/98

Note 1: The scope and need for these documents are currently under discussion in WP3/11

- JQG = Joint Question Groups created by SG11 to bring together IMT-2000 requirements and protocol experts in order to facilitate protocol and interface definition work. Currently there are a number of JQGs that are operational including:

JQG1 (IMT-2000 Radio Interface Layer 2)  
 JQG3 (IMT-2000 Service Applications)  
 JQG4 (IMT-2000 Mobility Management)  
 JQG5 (IMT-2000 Call & Bearer Control)  
 JQG6 (IMT-2000 Management) – co-sponsored by SG11 and SG4  
 JQG7 (IMT-2000 Security) – co-sponsored by SG11 and SG7