

**Agenda Item:**

**Source:** Convenor (Yukio Hiramatsu, NTT)

**Title:** List of Work Items addressed to WG2 (Architecture)

**Document for:** Information

The following tables contains list of Work Items that are supposed to be addressed to WG2, reviewing the contributions submitted to the first TSG meetings in December 1998.

ETSI input (TSG#1Doc031: UMTS30.00)

No.	Work Items	Linked Work Items	Output Documents	Rapporteur
E1	Service continuity and provision of VHE via GSM/UMTS	CAMEL Phase 3, Mobile Station Execution Environment, UMTS		
E2	ETE UMTS QoS management	Bearer service negotiation and teleservice		
E3	IP in IP tunneling in GPRS backbone for UMTS Phase 1	GPRS Mobile IP interworking		
E4	Combined GSM and Mobile IP handling in UMTS IP CN phase 1 and 2	GPRS Mobile IP interworking		
E5	UMTS core network based on ATM transport		(23.30)	
E6	UMTS Open Service Architectue	CAMEL Phase 3, SIM application toolkit, MExE, Service continuity and provision of VHE via GSM/UMTS		
E7	Support of non-realtime multimedia messaging service	Multimedia in UMTS, Numbering and addressing		
E8	Multimedia in UMTS	Multimedia messaging, Numbering and addressing		
E9	Study on provision of facsimile services in GSM and UMTS	None		
E10	Provision of text telephony service in GSM and UMTS	Multimedia in UMTS		
E11	Virtual Home Environment	Service management, CAMEL Phase 3, MExE, SIM toolkit		
E12	Charging and Billing for GPRS – Hot Billing (R99)	None	02.60, 03.60	
E13	Point-To-Multipoint services (R99)	UMTS	03.61, 03.62	
E14	New access network to core network (BSS-NSS) interface		23.30	
E15	Architecture overview of the GSM-UMTS system		23.01, 23.10	
E16	Architecture the GSM-UMTS platform		23.20, 23.05	

TTC input (TSG#1Doc059)

No.	Work Items	Sub Work Items	Output Documents	Rapporteur
T1	VHE	<ul style="list-style-type: none"> <li>- Support of standardized GSM supplementary services</li> <li>- Support of existing operator specific PDC services</li> <li>- Support of Multimedia services</li> <li>- Support of operator specific HMI</li> <li>- Support of Supplementary service control by subscribers</li> </ul>	<ul style="list-style-type: none"> <li>- System Configuration</li> <li>- Network Requirement</li> <li>- Information Flows</li> </ul>	
T2	High Speed Packet	<ul style="list-style-type: none"> <li>- Support various QoS requirements</li> <li>- Coordination of Mobility Management for Circuit and Packet switched services</li> <li>- Access point selection</li> </ul>		
T3	High Speed Data	<ul style="list-style-type: none"> <li>- Various Bearer Capabilities (Voice, audio, video, data, unrestricted digital, etc.)</li> <li>- Asymmetric Bearer</li> </ul>		
T4	W-CDMA	<ul style="list-style-type: none"> <li>- Soft Handover (Diversity Handover)</li> <li>- Handover Triggered from both MT and NW</li> <li>- Service and QoS</li> <li>- Protection of Security and Privacy</li> <li>- Efficient resource Usage</li> <li>- MS Classmark Information</li> </ul>		
T5	ATM	<ul style="list-style-type: none"> <li>- ATM as high performance transport technology</li> <li>- AAL2 as high efficient transport for voice call</li> <li>- ATM-SVC for various QoS support and network efficient usage</li> <li>- Mapping between GPRS and ATM</li> </ul>		
T6	Call/Connection Control	<ul style="list-style-type: none"> <li>- Multicall Services</li> <li>- Bearer Change</li> <li>- Bearer Negotiation</li> <li>- Bearer Modification</li> <li>- Codec/Adaptor Control</li> <li>- Security Enhancement</li> <li>- Point-to multipoint</li> <li>- Emergency Call</li> </ul>		

T7	Routing	<ul style="list-style-type: none"><li>- Introduction of GLR</li><li>- Paging for Multi-MS</li><li>- Path Minimization</li><li>- Pre-Routing Paging</li></ul>		
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