

TSG-SA Working Group 1 (Services) meeting #2  
Edinburgh, Scotland 9<sup>th</sup>-12<sup>th</sup> March 1999

**TSGS1#2(99)132**

**Agenda Item:** 7.3.6  
**Source:** Coordinator  
**Title:** UMTS: Charging and Billing  
**Document for:** Information & Discussion

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## Title

UMTS: Charging and Billing

## Intended Output

Technical Specification

## Impact on Other Technical Specifications and Technical Reports

ETSI TS 22-15 ( UMTS Service Aspects: Charging and Billing ) will be used as the basis for this specification. Any relevant material in ETSI TR 22-24 ( UMTS Charging and Accounting Mechanisms ) and ETSI TR 22-71 ( Automatic Establishment of Roaming Relations ) will be transferred into 22-15 and these TRs will not be progressed in 3GPP. Any other agreed requirements defined by the other partners or individual members will be captured in this specification.

## Technical Scope

This Technical Specification describes the Service Aspects of charging and billing of the Universal Mobile Telecommunications System (UMTS).

This standard is not intended to duplicate existing standards or standards being developed by other groups on these topics, and will reference these where appropriate. It will allow the generation of accurate and incontestable charging information to be used in the commercial and contractual relationships between the parties concerned.

The main new requirements for UMTS charging and accounting are the following :

1. generation of standardised charging records based among other parameters on type of service (voice, data, multimedia, VAS, etc.) duration, traffic (volume, bit rate) and performance provided to the user.
2. support of on-line charging and accounting procedures for cost control and fraud control purposes
3. support of itemised billing
4. support of standardised procedures for the transfer of charging information between networks
5. support of roaming via third parties roaming platforms

## Impact on Other 3GPP Work Items

This specification will define the services and service requirements which the architecture, networks, terminals etc will have to support.

## Schedule of Tasks to be Performed.

Task	Planned Start	Planned Finish
Work Item Creation	15/2/99	23/2/99
Work item Approval by TSG SA	1/3/99	5/3/99
Transfer of material from TR 22-24	22/2/99	5/3/99
Transfer of material from TR 22-71	22/2/99	5/3/99
Review of requirements from other partners input papers	22/2/99	5/3/99
Members and partners input and e-mail discussion	22/2/99	5/3/99
Review and resolution of issues at WG1 meeting	9/3/99	12/3/99
Presentation to other groups for comments	16/3/99*	12/4/99
Ad hoc meeting to resolve any final problems	14/4/99*	16/4/99
Submission to TSG SA for approval	30/4/99*	30/4/99

**Note:** \* These dates are a guess at present

## **Supporting Individual Members**

All WG1 members

### **Rapporteur**

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