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**Source:** SA1  
**Title:** Release 99/4/5 CRs to 22.004 on Correction of table 3.2  
**Document for:** Approval  
**Agenda Item:** 7.1.3

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SA Doc	Spec	CR	Rev	Phase	Cat	Subject	Old Vers	New Vers	SA1 Doc
SP-020236	22.004	007		R99	F	Correction of table 3.2 of TS22.004	3.2.1	3.3.0	S1-020981
SP-020236	22.004	008		Rel-4	A	Correction to Table 3.2 (rel-4)	4.1.0	4.2.0	S1-020985
SP-020236	22.004	009		Rel-5	A	Correction of Table 3.2 (rel-5)	4.1.0	5.0.0	S1-020987



## 3 Categories and framework of supplementary services

### 3.1 Framework for the description of supplementary services

GSM 02.01 [2] and TS 22.101 [24] describe the principles of the Telecommunication services. They also defines the concepts of Telecommunication services and describes their characterization by appropriate attributes. Bearer services and Teleservices, which are offered by a PLMN in connection with other networks, are defined in TS 22.002 [3], TS 22.105 [25] and GSM 02.03 [4]. Besides these basic Telecommunication services, their enhancement or modification by supplementary services need also to be offered.

A supplementary service modifies or enhances a basic Telecommunication service and, hence, cannot be offered to a subscriber on a stand alone basis. It must be offered together with or in association with a basic Telecommunication service. The same supplementary service may be offered with a number of different Telecommunication services. For applicability of a Supplementary Service to a Telecommunication service refer to annex A.

Table 3.1/TS 22.004 (identical to table 1/GSM 02.01 [2] and to table 1 of ITU-T Recommendation I.210 [23]) illustrates the description of Telecommunication services.

**Table 3.1/TS 22.004: Categorisation of Telecommunication services**

TELECOMMUNICATION SERVICE			
BEARER SERVICE		TELESERVICE	
Basic Bearer Service	Basic Bearer service + supplementary services	Basic Teleservice	Basic Teleservice + supplementary service

Provision and withdrawal of a supplementary service, with the exception of Closed User Group, shall apply to all basic services the subscriber subscribes to.

Registration, erasure, activation and deactivation of a supplementary service shall apply to one or more group of basic services. The groups of basic services are defined to avoid handling of many basic service codes.

An operation is effective on the basic services, within the basic service group, which have been provisioned and for which the supplementary service is applicable. The fact that a basic service is provisioned but is not supplied by the network shall not lead to reject the request. The request shall be accepted since there is one basic service within the group(s) which is provisioned and for which the supplementary service is applicable. For applicability of a Supplementary Service to a basic service or service group refer to annex A.

The basic service groups are define in table 3.2/TS 22.004.

**Table 3.2/TS 22.004: List of basic service groups**

Basic service group		Basic service (1) (2)	
number	name	Number (2)	name
1	Speech	TS 11 TS 12	Telephony Emergency call
2	Short message service	TS 21 TS 22 TS 23	Short message MT/PP Short message MO/PP Short message CB
3 - 5	Not allocated		
6	Facsimile services <sup>(3)</sup>	TS 61 TS 62	Alternate speech and facsimile group 3 Automatic facsimile group 3
7	All Data circuit asynchronous	BS 20	General asynchronous bearer service
8	All Data circuit synchronous	BS 30	General synchronous bearer service
12	Voice group services <sup>(4)</sup>	TS 91 TS 92	Voice Group Call Service Voice Broadcast Service
<del>13</del>	<del>All GPRS access</del>	<del>BS 70</del>	<del>GPRS bearer service</del>
NOTE 1: Basic services are defined in TS 22.002 [3] and GSM 02.03 [4].			
NOTE 2: TS: Teleservice BS: Bearer service.			
<a href="#">NOTE 3: The transparent facsimile services apply to A/Gb mode of GERAN only. The non-transparent facsimile services apply to UTRAN only.</a>			
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