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# Foreword

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- z the third digit is incremented when editorial only changes have been incorporated in the specification;

# 1 Scope

The scope of this Technical Specification is to provide a detailed specification for interworking between the A interface protocol and the Mobile Application Part for handling of supplementary services. The MAP interfaces of interest are the B-, C-, D- and E-interfaces.

The A-, C-, D- and E-interfaces are physical interfaces while the B-interface is an internal interface defined for modelling purposes. Information relating to the modelling interface is not normative in this specification.

Supplementary service signalling may be passed by the MSC/VLR between the A- and E-interfaces after inter-MSC handover. This procedure is transparent as far as supplementary services are concerned therefore interworking concerning this process is not described in this specification.

Clause 2 describes general procedures for interworking between the A- and D- physical interfaces.

Clause 3 describes the general procedures for the SS version negotiation.

Clause 4 describes the mapping of layer 3 radio path messages with Transaction Capabilities (TC) transaction sublayer messages for interworking between the A- and D- physical interfaces.

Clause 5 describes specific interworking procedures for all interfaces relating to call related SS activity.

Clause 6 describes specific interworking procedures for all interfaces relating to call independent SS activity. Clause 6 also covers the interworking between the MAP User (see 3GPP TS 29.002) and the SS handling functions of the network entities (see 3GPP TS 24.010 and 3GPP TS 24.080).

Reference is made to the following Technical Specifications:

- 3GPP TS 22.004 and 3GPP TS 22.08x and 3GPP TS 22.09x-series,
  for definition of supplementary services;

- 3GPP TS 23.011, 3GPP TS 23.08x and 3GPP TS 23.09x-series,
  for technical realisation of supplementary services;

- 3GPP TS 24.010, 3GPP TS 24.080, 3GPP TS 24.08x and 3GPP TS 24.09x-series,
  for radio path signalling procedures for supplementary services;

- 3GPP TS 29.002 (MAP).

## 1.1 Normative references

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.

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