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**Universal Mobile Telecommunications System (UMTS);
LTE;
Mobile Application Part (MAP)
specification for Gateway Location Register (GLR)
(3GPP TS 29.120 version 12.0.0 Release 12)**



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Foreword

This Technical Specification (TS) has been produced by the 3rd Generation Partnership Project (3GPP).

The present document specifies the signalling requirements and procedures used at network elements related to the Gateway Location Register (GLR) for Mobile Application Part (MAP) within the 3GPP system. (i.e. the present document specifies the delta against 3GPP TS 29.002.)

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1 Scope

The present document describes the signalling requirements and procedures used at network elements related to the GLR for MAP within the 3GPP system at the application level.

The present document gives the description of the systems needed only in the network utilising GLR as the delta document against 3GPP TS 29.002.

2 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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[1] 3GPP TS 23.003: "Numbering, addressing and identification".

[2] 3GPP TS 23.007: "Restoration procedures".

[3] 3GPP TS 23.012: "Location registration procedures".

[4] 3GPP TS 23.040: "Technical realization of the Short Message Service (SMS) Point to Point (PP)".

[5] 3GPP TS 29.002: "Mobile Application Part (MAP) specification".

[6] 3GPP TS 23.119: "Gateway Location Register (GLR) - stage2".

3 Abbreviations

For the purposes of the present document, the following abbreviations apply:

CCBS	Completion of Call to Busy Subscriber
GLR	Gateway Location Register
GPRS	General Packet Radio Service
IM_GSN	Intermediate GSN
IM_MSC	Intermediate MSC
SGSN	Serving GPRS support node
GGSN	Gateway GPRS support node