

# MAP ETSI

## Addendum for Ericsson Specific Standard to Statement of Compliance

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### STATEMENT OF COMPLIANCE

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# 1 GENERAL

## 1.1 INTRODUCTION

Ericsson Signaling SS7 is compliant with the Ericsson standard.

## 1.2 Concept

The terms that are used are:

- **C** - EIN module complies with the specified paragraph in the standard.
- **N** - EIN module does not comply with the specified paragraph in the standard.
- **P** - EIN module complies partly with the specified paragraph in the standard.
- - - There is nothing to implement in the referred paragraph (used in column "C").





## 2 COMPLIANCE LISTS

### 2.1 Protocol Specification for Enhanced IMEI Check in MSC/VLR, 26/15517-1/APT 210 15/6 Uen Rev B

Table 1

References	C	N	P	Comments
1. General Information	-			
1.1 Revision Information	-			
1.2 Introduction	x			
1.3 References	-			
1.4 Concepts	-			
1.4.1 Standard MAP Signaling Protocol	x			
1.4.2 Ericsson Variant MAP Signaling Protocol with Private Extensions	x			
1.4.3 Ericsson Proprietary Services	x			
1.4.4 Forward Compatibility		x		
1.4.5 Backward Compatibility		x		
2. Function				
2.1 Ericsson Variant MAP V1 Signaling Protocol with Private Extensions	x			
2.1.1 Use of the Basic Encoding Rules	-			

Table 1

References	C	N	P	Comments
2.1.2 Compatibility considerations	x			
2.1.3 Operation Descriptions	x			
2.1.4 Signaling Sequences	x			
2.1.5 MAP V1 Constants and Data Types	x			
2.1.6 Map Errors	x			
3. Operational Conditions				
3.1 External Conditions	x			
3.2 Application Parameters	x			
3.3 Commands	-			
3.4 Printouts	-			
3.5 Subscriber Procedures	-			
3.6 Subscriber Categories	-			
3.7 Charging	-			
3.8 Capabilities	x			

## 2.2 Protocol Specification for Redundancy in HLR 2/15517 17-FAY 112 122 / 3 Uen revision A

Table 2

References	C	N	P	Comments
1. General Information	-			
1.1 Revision Information	-			
1.2 Introduction	x			
1.3 References	-			





Table 2

References	C	N	P	Comments
1.4 Concepts	-			
2. .Function				
2.1 Concepts	x			
2.2 Use of SCCP	-			
2.3 Compatibility considerations	-			
2.4 Operation Descriptions	x			
2.5 Signaling Sequences	x			
2.6 MAP Constants and Data Types	x			Note 1
2.7 Errors	x			
3 Operational Conditions				
3.1 External Conditions	x			
3.2 Application Parameters	x			
3.3 Commands	-			
3.4 Printouts	-			
3.5 Subscriber Procedures	-			
3.6 Subscriber Categories	-			
3.7 Charging	-			
3.8 Capabilities	x			





## 3 NOTES AND COMMENTS

### 3.1 Notes

Note 1: For section 2.6.38 NumberOfSubscribers can have values from 0 to 2147483647.





# Glossary

**AC**

Application Context

**ANSI**

American National Standards Institute

**API**

Application Program Interface

**ATI**

Any Time Interrogation

**ASN.1**

Abstract Syntax Notation 1

**BSS**

Base Station System

**EAB**

Ericsson AB

**EIR**

Equipment Identity Centre

**ETSI**

European Telecommunications Standards Institute

**GMLC**

Gateway Mobile Location Centre

**GSM**

Group Special Mobile

**gsmSCF**

GSM Service Control Function

**HLR**

Home Location Register

**ITU**

International Telecommunication Union

**LCS**

Location Services

**MAP**

Mobile Application Part

**MS**

Mobile Station

**MTP-L3**

Message Transfer Part Layer 3

**OSI**

Open Systems Interconnection

**PLMN**

Public Land Mobile Network

**SCCP**

Signaling Connection Control Part

**SMS**

Short Message Services

**SS7**

Signaling System No. 7

**SSN**

SubSystem Number

**TCAP**

Transaction Capabilities Application Part

**TTC**

Japanese Telecommunication Technology Committee

**TUP**

Telephone User Part

**USM**

User State Machine

**USSD**

Unstructured Supplementary Service Data





## Reference List

### **EAB specifications**

- [1] *Protocol Specification for Enhanced IMEI Check in MSC/VLR, 26/15517-1/APT 210 15/6 Uen Rev B*
- [2] *MAP, ETSI, Statement of Compliance, 174 02-CAA 201 45 Uen*