AMENDMENT

ETS 300 599

A1

July 1995

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Key words: European digital cellular telecommunications system, Global System for Mobile communications (GSM)

**This amendment A1 modifies
the European Telecommunication Standard ETS 300 599 (February 1995)**

European digital cellular telecommunications system (Phase 2);
Mobile Application Part (MAP) specification
(GSM 09.02)

ETSI

European Telecommunications Standards Institute

ETSI Secretariat

Foreword

This Amendment to ETS 300 599 (February 1995) has been produced by the Special Mobile Group (SMG) Technical Committee of the European Telecommunications Standards Institute (ETSI).

This Amendment to ETS 300 599 (February 1995) corresponds to the changes to GSM Technical Specification (GSM-TS) 09.02 from version 4.9.0 to version 4.10.0, as approved by TC-SMG.

This Amendment modifies pages 42, 44, 46, 179, 185, 195, 207, 208, 209, 210, 213, 652 and 654 of ETS 300 599 (February 1995).

Amendments

Page 42, subclause 4.1.3.1.

Replace the first sentence of the second paragraph after the "2), b) Calling Party Address" bullet points, with the following new sentence:

"In the case of intra-PLMN addressing, it may be necessary to complement the Calling Party Address received in the dialogue initiating SCCP UNITDATA message by the associated Originating Point Code taken from the MTP-TRANSFER-INDICATION primitive as indicated above."

Page 44, subclause 4.1.3.3.2.

Replace the existing first paragraph with the following:

"When a mobile station registers for the first time in a VLR, the VLR has to initiate the update location dialogue with the MS's HLR and a preceding dialogue for authentication information retrieval if the authentication information must be retrieved from the HLR. When initiating either of these dialogues, the only data for addressing the HLR that the VLR has available is contained in the IMSI, and addressing information for SCCP must be derived from it. When continuing the established update location dialogue (as with any other dialogue), the VLR must derive the routeing information towards the HLR from the Calling Party Address received with the first responding CONTINUE message until the dialogue terminating message is received. This means that the VLR must be able to address the HLR based:

- on an E.214 Mobile Global Title originally derived by the VLR from the IMSI;

- or on an E.164 HLR address;

- or, in the case of intra-PLMN signalling, on an SPC.

Page 46, subclause 4.1.3.7.

Replace the existing table 4.1/1, legend and note with the following:

to fixed from	HLR network	VLR	MSC	EIR	
fixed network	-	E:GT T:MSISDN	-	-	-
home location register	-	-	I:SPC/GT E:GT NUMBER	- T:VLR	-
visitor location register	-	I:SPC/GT E:GT T:MGT/ MSISDN/ HLR NUMBER/ (Note)	I:SPC/GT E:GT T:VLR NUMBER	-	-
mobile-services switching centre	-	I:SPC/GT E:GT T:MSISDN	I:SPC/GT E:GT T:VLR NUMBER	I:SPC/GT E:GT T:MSC NUMBER	I:SPC/GT E:GT T:EIR NUMBER

I: Intra-PLMN   E: Extra(Inter)-PLMN   T: Address Type
GT: Global Title   MGT: E.214 Mobile Global Title
SPC: Signalling Point Code

NOTE: For initiating the location updating procedure and an authentication information retrieval from the HLR preceding it, the VLR has to derive the HLR address from the IMSI of the MS. The result can be an SPC or an E.214 Mobile Global Title. When continuing the established update location dialogue (as with any other dialogue), the VLR must derive the routeing information towards the HLR from the Calling Party Address received with the first responding CONTINUE message until the dialogue terminating message is received.

For transactions invoked by the VLR after update location completion, the VLR may derive the information for addressing the HLR from addresses received in the course of the update location procedure (MSISDN or HLR number) or from the IMSI.

When invoking the Restore Data procedure and an authentication information retrieval from the HLR preceding it, the VLR must derive the information for addressing the HLR from the address information received in association with the roaming number request. This may be either the IMSI received as a parameter of the MAP message requesting the Roaming Number or the Calling Party Address associated with the MAP message requesting the Roaming Number.

Table 4.1/1

Page 179, subclause 12.1.1.

Replace the existing final paragraph with the following:

"The requesting MAP PM waits for a TC indication primitive and does not accept any other primitive from its user, except a MAP-U-ABORT request or a MAP-CLOSE request."

Page 185, subclause 12.3.1.

Replace the existing text of subclause 12.3.1 with the following:

"On receipt of a MAP-CLOSE request primitive, the MAP PM shall issue a TC-END request primitive and, if applicable, return to idle the associated active SSMs. Note that if the release method parameter of the MAP-CLOSE request indicates "normal" the TC-END request primitive will trigger the transmission of components associated with any user specific request or response primitives which may have been issued after the last MAP-DELIMITER request.
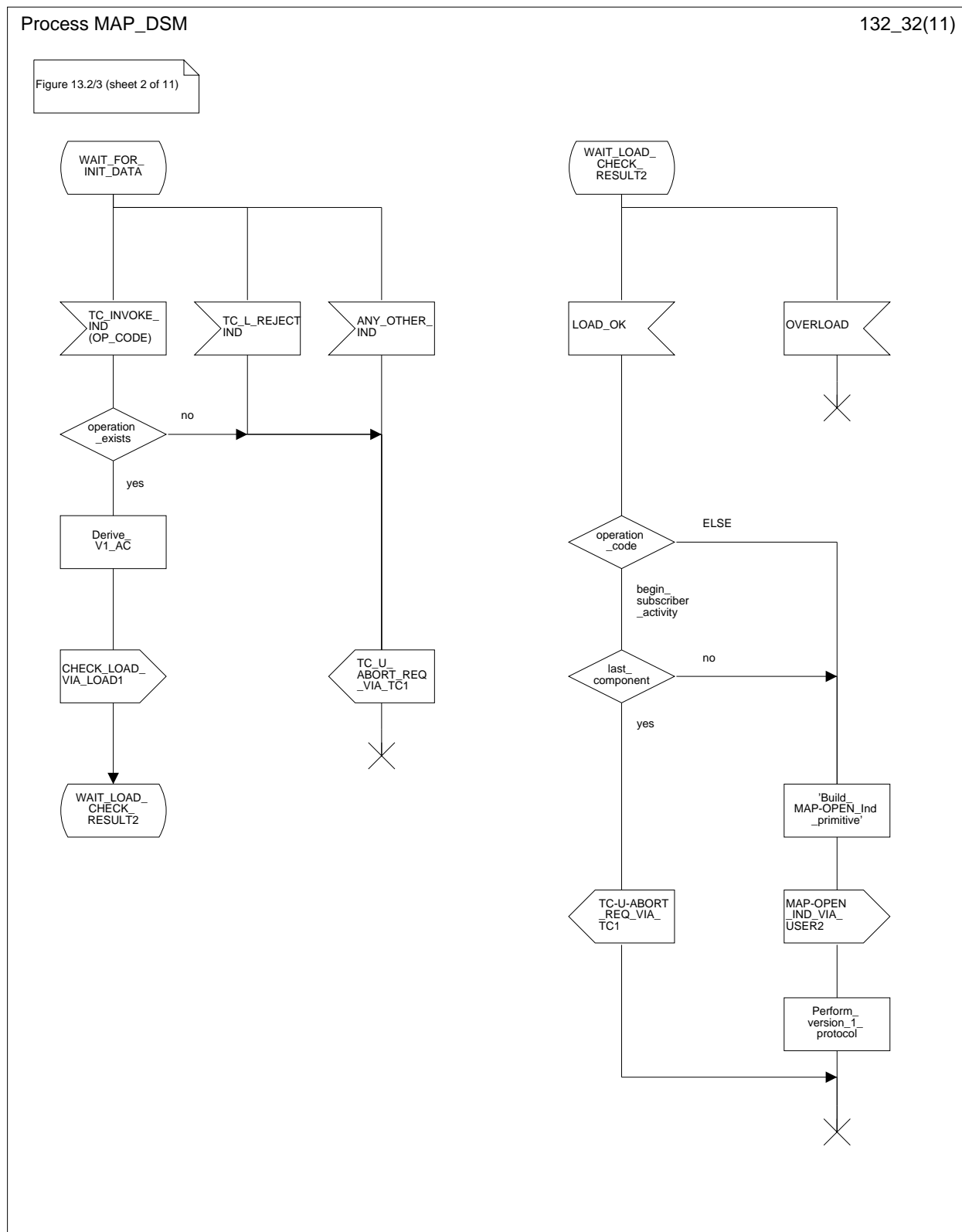
Page 195, subclause 13.1.2.5.

Replace the existing text of subclause 13.1.2.5 with the following:

"The value of this parameter of the TC-END request primitive is set by the MAP PM on the basis of the release method parameter of the MAP-CLOSE request primitive, except when the dialogue state machine is in a state DIALOGUE INITIATED, in which case the Termination parameter shall always indicate "pre-arranged end". "

Pages 207, figure 13.2/3 (sheet 2 of 11).

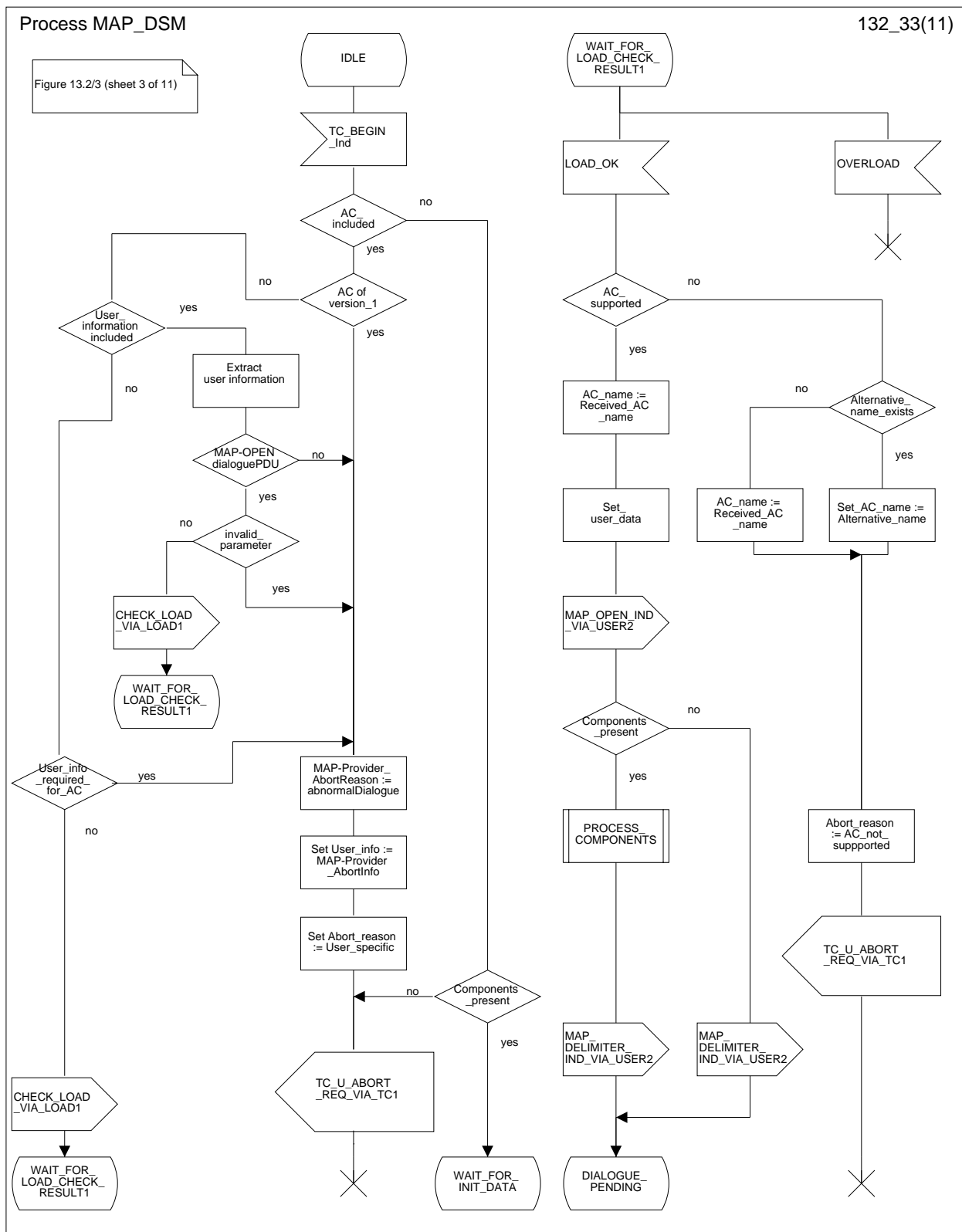Replace figure 13.2/3 (sheet 2 of 11) with the following figure:

Figure 13.2/3 (sheet 2 of 11): Process MAP_DSM

Pages 208, figure 13.2/3 (sheet 3 of 11).

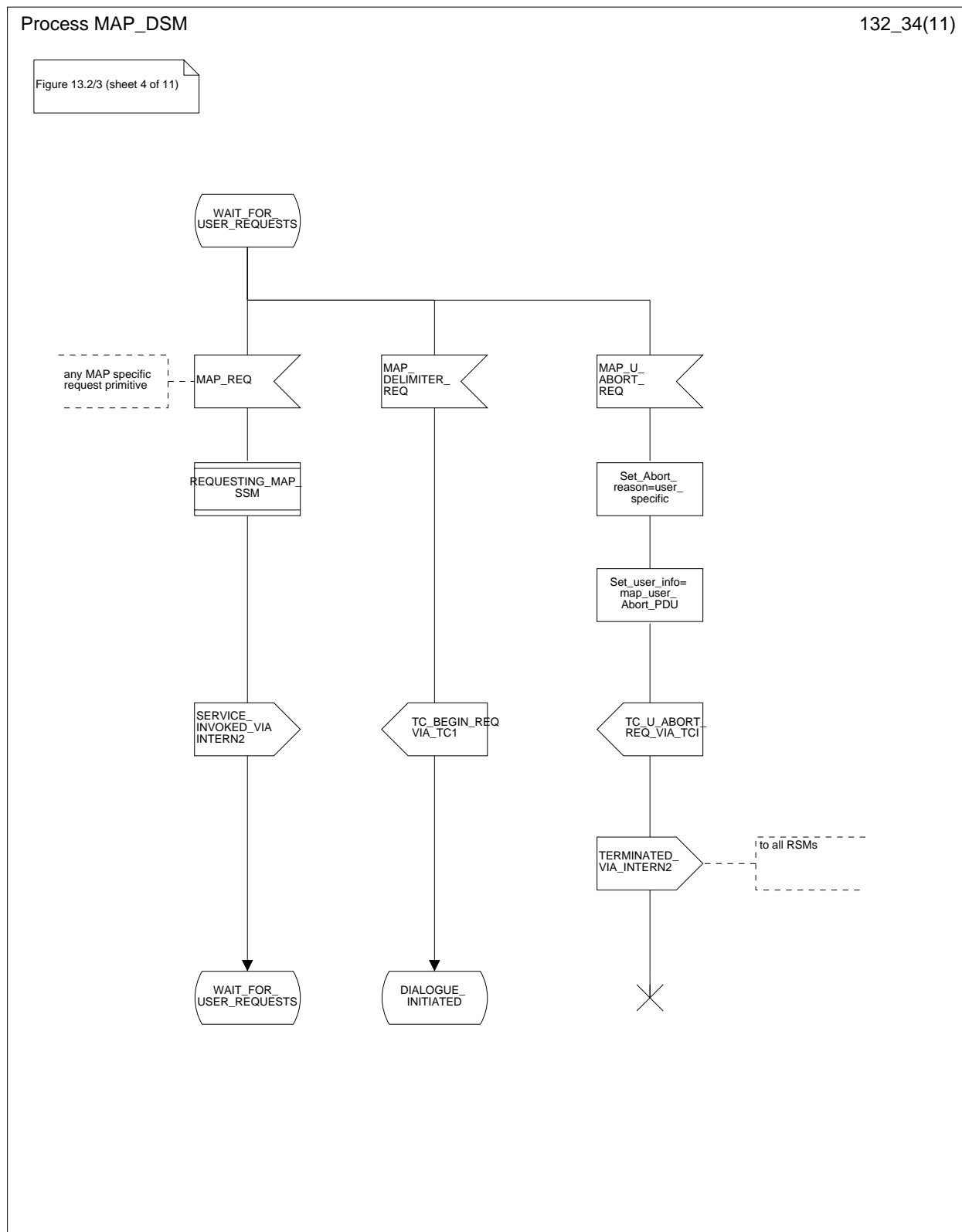Replace figure 13.2/3 (sheet 3 of 11) with the following figure:

Figure 13.2/3 (sheet 3 of 11): Process MAP_DSM

Pages 209, figure 13.2/3 (sheet 4 of 11).

Replace figure 13.2/3 (sheet 4 of 11) with the following figure:
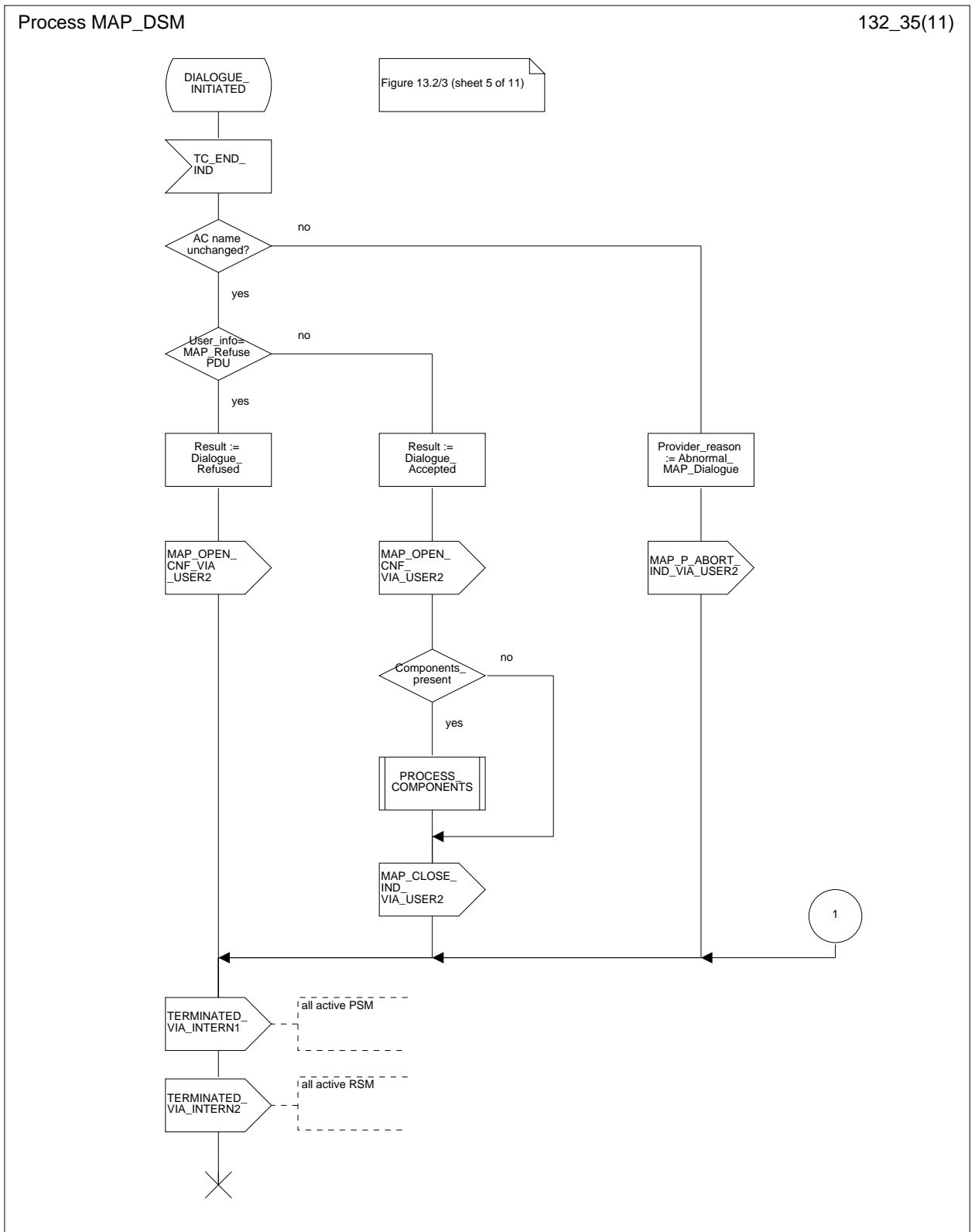
Figure 13.2/3 (sheet 4 of 11): Process MAP_DSM

Pages 210, figure 13.2/3 (sheet 5 of 11).

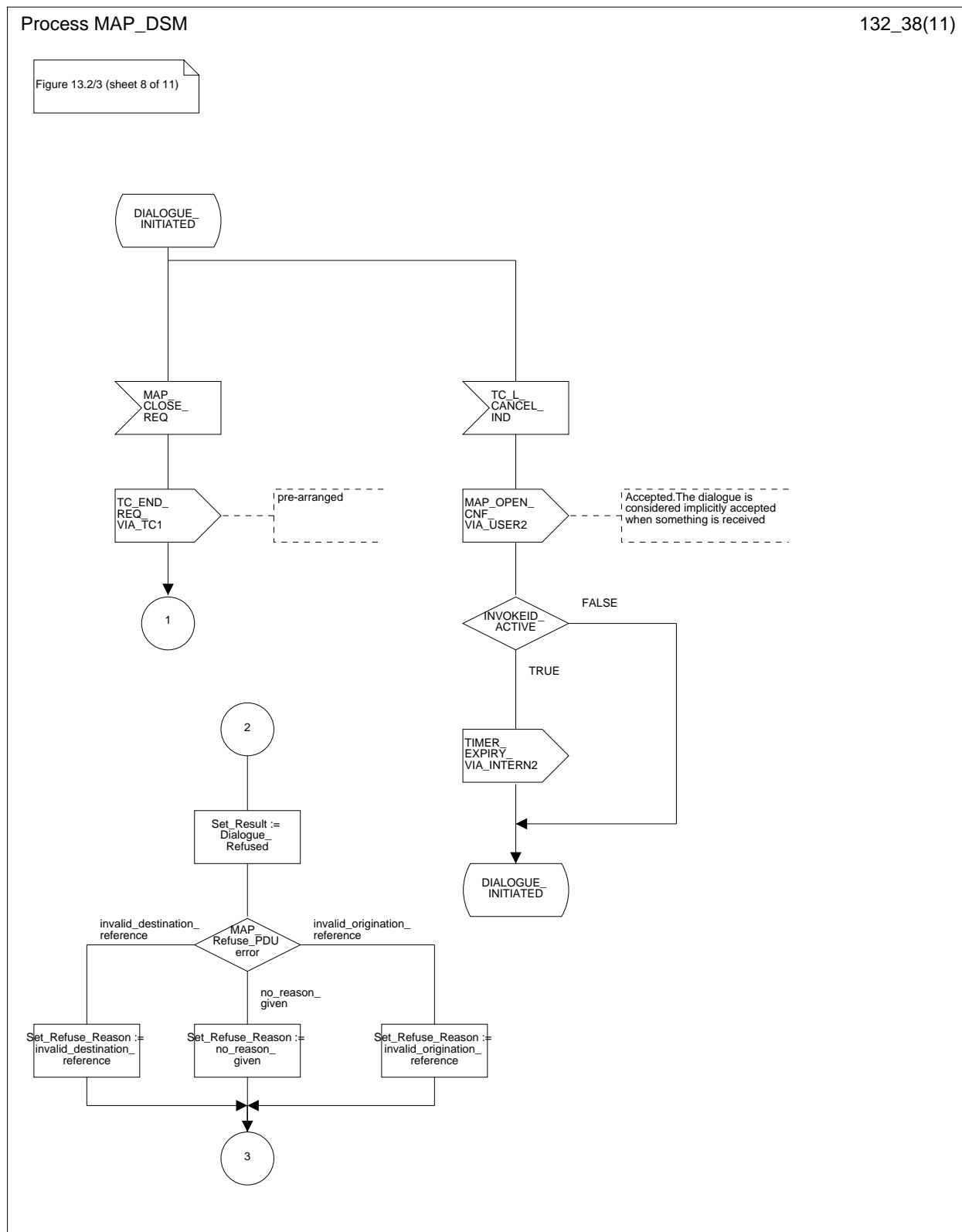Replace figure 13.2/3 (sheet 5 of 11) with the following figure:

Figure 13.2/3 (sheet 5 of 11): Process MAP_DSM

Pages 213, figure 13.2/3 (sheet 8 of 11).

Replace figure 13.2/3 (sheets 8 of 11) with the following figure:

Figure 13.2/3 (sheet 8 of 11): Process MAP_DSM

Page 652, subclause 21.2.2.

Replace the existing first paragraph with the following two new paragraphs:
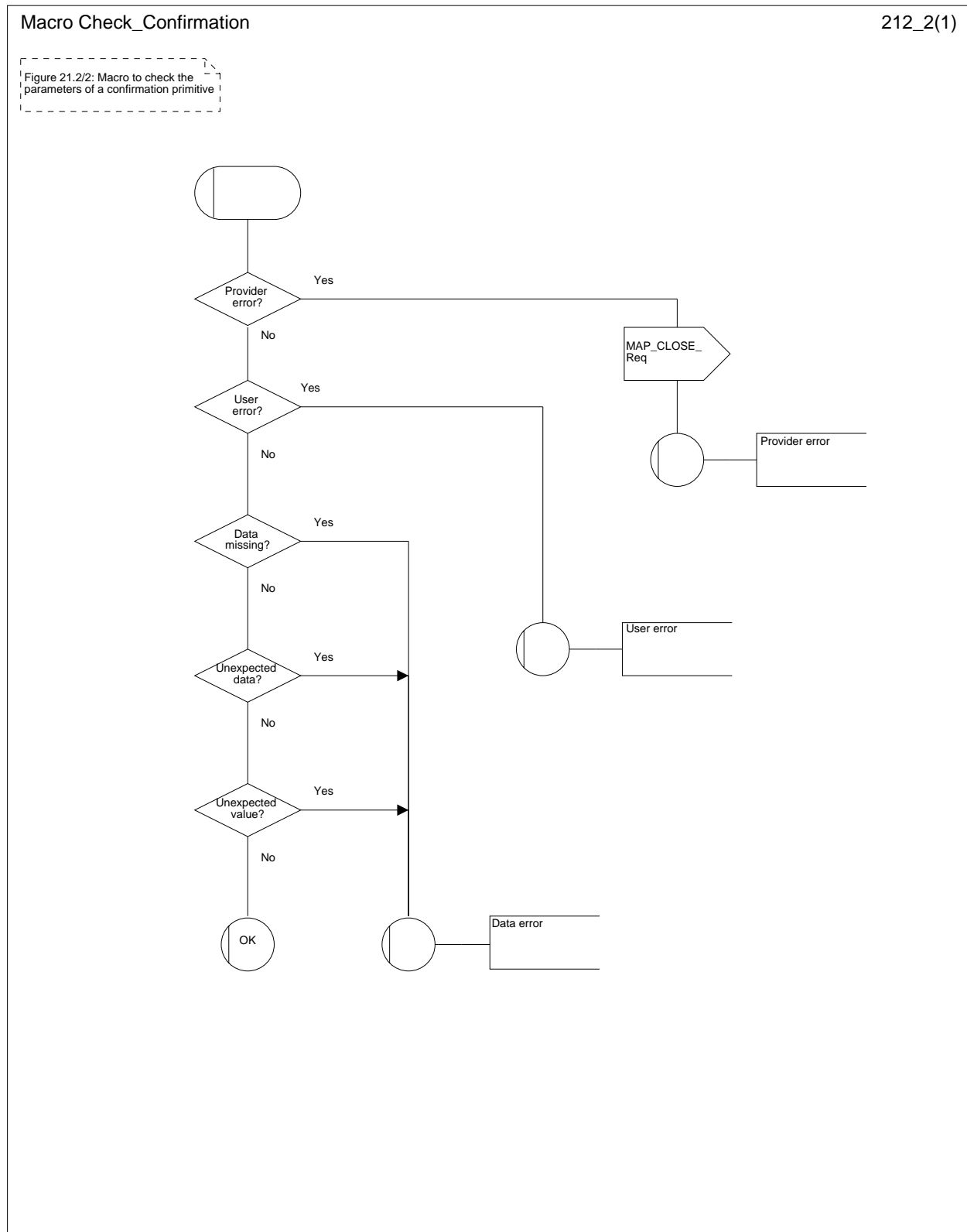
"If the confirmation contains a provider error the macro issues a MAP-CLOSE request and takes the provider error exit.

Otherwise, if the confirmation contains a user error the macro takes the user error exit."

Pages 654, figure 21.2/2.

Replace figure 21.2/2 with the following figure:

Figure 21.2/2

Macro Check_Confirmation   212_2(1)

Figure 21.2/2: Macro to check the
parameters of a confirmation primitive

History

<table>
<tr><th colspan="2">Document history</th></tr>
<tr><td>February 1995</td><td>First Edition of ETS 300 599</td></tr>
<tr><td>March 1995</td><td>Unified Approval Procedure   UAP 26:   1995-03-06 to 1995-06-30</td></tr>
<tr><td>July 1995</td><td>Amendment 1 to First Edition of ETS 300 599 (February 1995)</td></tr>
<tr><td>January 1996</td><td>Converted into Adobe Acrobat Portable Document Format (PDF)</td></tr>
<tr><td>Note</td><td>The references to the changed pages in the standard refer to an old presentation. See history box at the end of the standard itself.

The new presentation format, applied from 1 December 1995, might have different page numbering. The clause numbering has not changed.</td></tr>
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