

**3GPP TSG CN Plenary Meeting #13
Beijing, China, 19th-21st September 2001**

NP-010458

Source: TSG CN WG4
Title: CRs on R99 TEI
Agenda item: 8.10
Document for: APPROVAL

Introduction:

This document contains 3 CRs on R99 Work Item "TEI", that have been agreed by TSG CN WG4, and are forwarded to TSG CN Plenary meeting #13 for approval.

| Spec | CR | Re | Doc-2nd-Level | Phase | Subject | Cat | Ver_C |
|--------|-----|----|---------------|-------|---|-----|-------|
| 23.018 | 075 | | N4-010853 | R99 | Addition of missing process Update_Location_VLR | F | 3.8.0 |
| 23.018 | 076 | | N4-010854 | Rel-4 | Addition of missing process Update_Location_VLR | A | 4.3.0 |
| 23.018 | 077 | | N4-010855 | Rel-5 | Addition of missing process Update_Location_VLR | A | 5.0.0 |

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| CR-Form-v4 |
| CHANGE REQUEST |
| ⌘ 23.018 CR 075 ⌘ rev - ⌘ Current version: 3.8.0 ⌘ |

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

| | | | |
|------------------------|--|-----------------|--|
| Title: | ⌘ Addition of missing process Update_Location_VLR | | |
| Source: | ⌘ CN4 | | |
| Work item code: | ⌘ TEI | Date: | ⌘ 3/7/01 |
| Category: | ⌘ F Essential correction | Release: | ⌘ R99 |
| | Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (Addition of feature), C (Functional modification of feature) D (Editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900. | | Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) REL-4 (Release 4) REL-5 (Release 5) |

| | |
|--------------------------------------|---|
| Reason for change: | ⌘ In procedure Process_Access_Request_VLR the process Update_Location_VLR in 3GPP TS 23.012 is called. This procedure does not exist in this TS or in any other that we could find! |
| Summary of change: | ⌘ Process Update_Location_VLR is defined in section 7.1.2.17. |
| Consequences if not approved: | ⌘ 23.018 will try and spawn a process that does not exist. |

| | | | |
|------------------------------|--|---|--|
| Clauses affected: | ⌘ 7.1.2 | | |
| Other specs affected: | ⌘ <input checked="" type="checkbox"/> Other core specifications <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications | ⌘ | |
| Other comments: | ⌘ | | |

7 Functional requirements of network entities

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7.1 MO call

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7.1.2 Functional requirements of VLR

7.1.2.1 Process OCH_VLR

7.1.2.2 Procedure Process_Access_Request_VLR

Sheet 1: it is a network operator decision (subject to MoU requirements) how often an MS should be authenticated.

Sheet 2: the processes Update_Location_VLR and Subscriber_Present_VLR ~~are~~ is described in 3GPP TS 23.012 [628].

Sheet 2: it is a network operator decision (subject to MoU requirements) whether a GSM connection should be ciphered. A UMTS connection shall always be ciphered ~~{ff}~~.

Sheet 3: it is a network operator decision (subject to MoU requirements) how often an IMEI should be checked.

Sheet 3, sheet 4, sheet 5: the procedure CCBS_Report_MS_Activity is specific to CCBS; it is specified in 3GPP TS 23.093 [22].

Sheet 5: it is a network operator decision whether emergency calls are allowed from an ME with no SIM.

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7.1.2.16 Procedure Check_OG_Barring

Sheet 3: if the VLR receives an Abort message from the MSC while it is awaiting a response from the process MAF018 or MAF019, the message is saved for handling after return from the procedure.

7.1.2.17 Process Update_Location_VLR

The procedure Update_HLR_VLR is described in 3GPP TS 23.012 [6].

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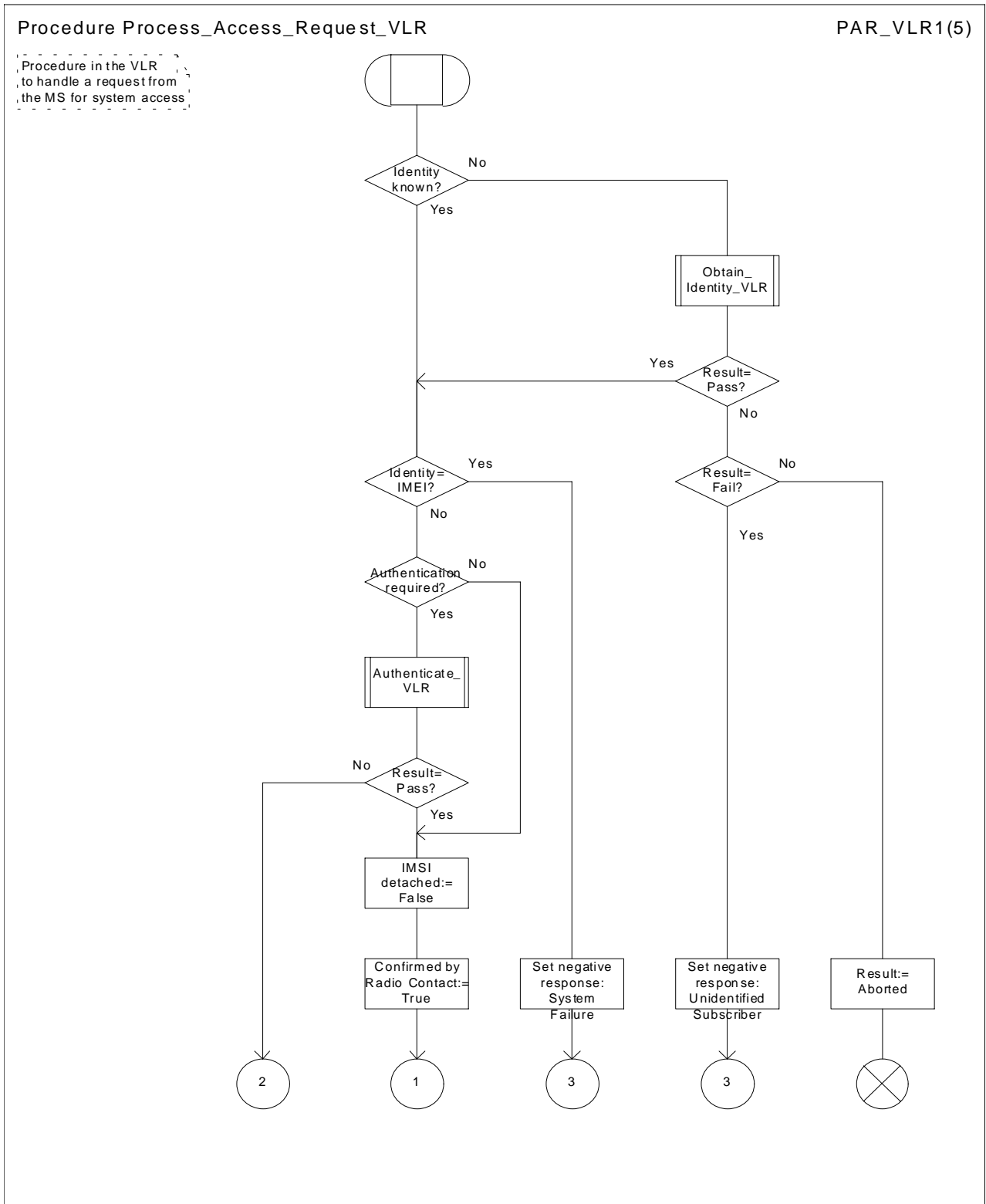
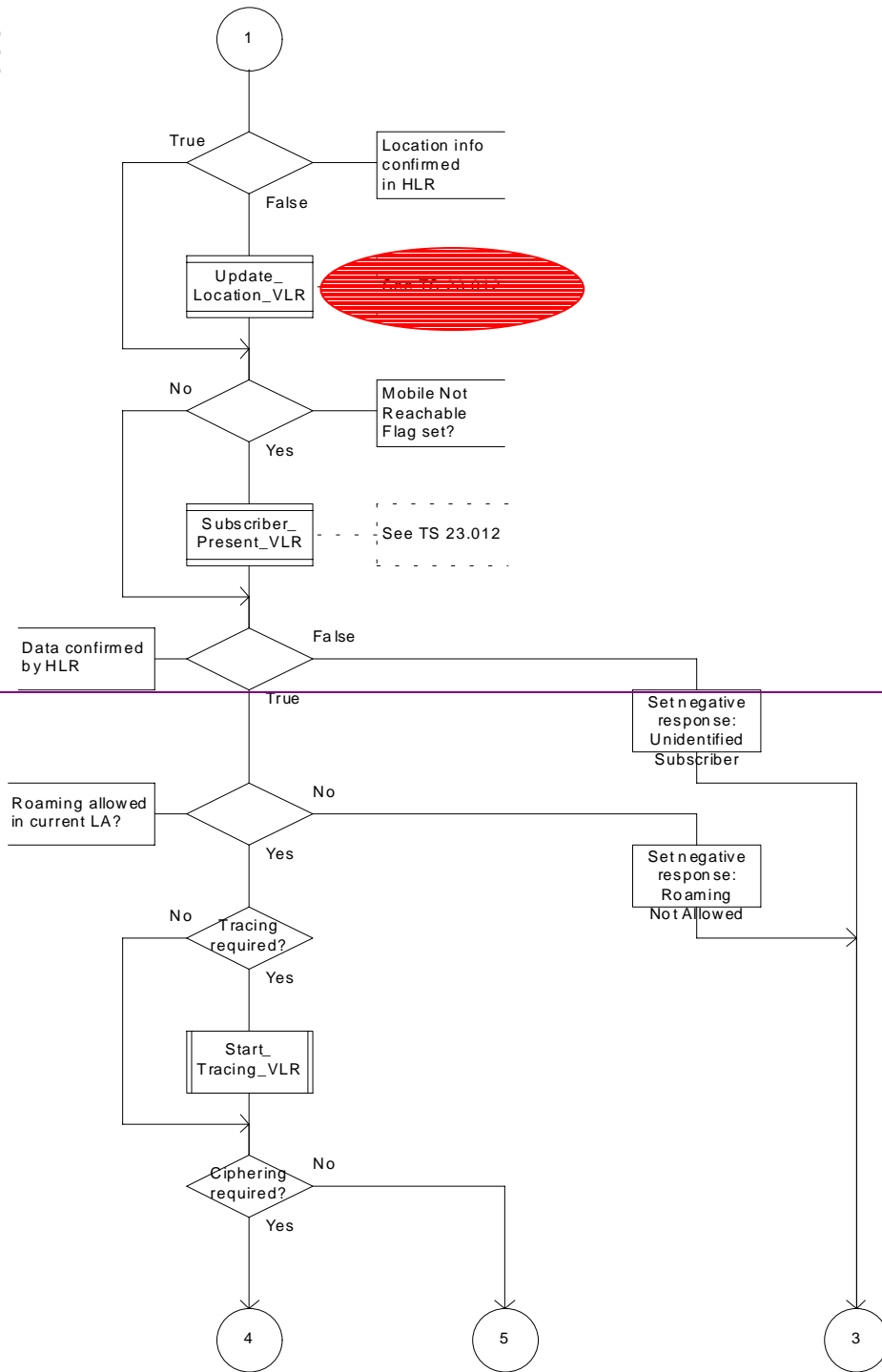


Figure 20a: Procedure Process_Access_Request_VLR (sheet 1)

Procedure Process_Access_Request_VLR

PAR_VLR2(5)

Procedure in the VLR to handle a request from the MS for system access



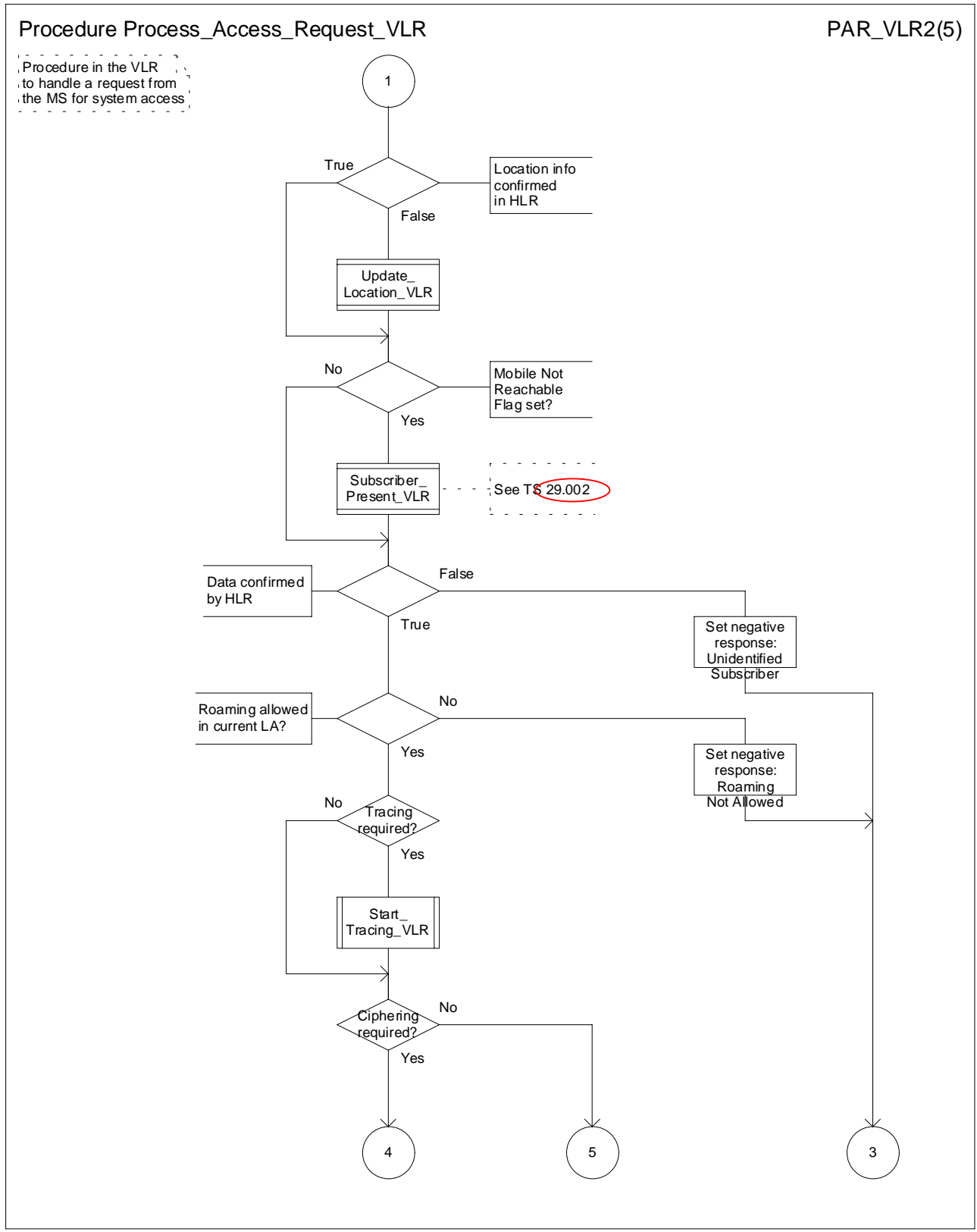


Figure 20b: Procedure Process_Access_Request_VLR (sheet 2)

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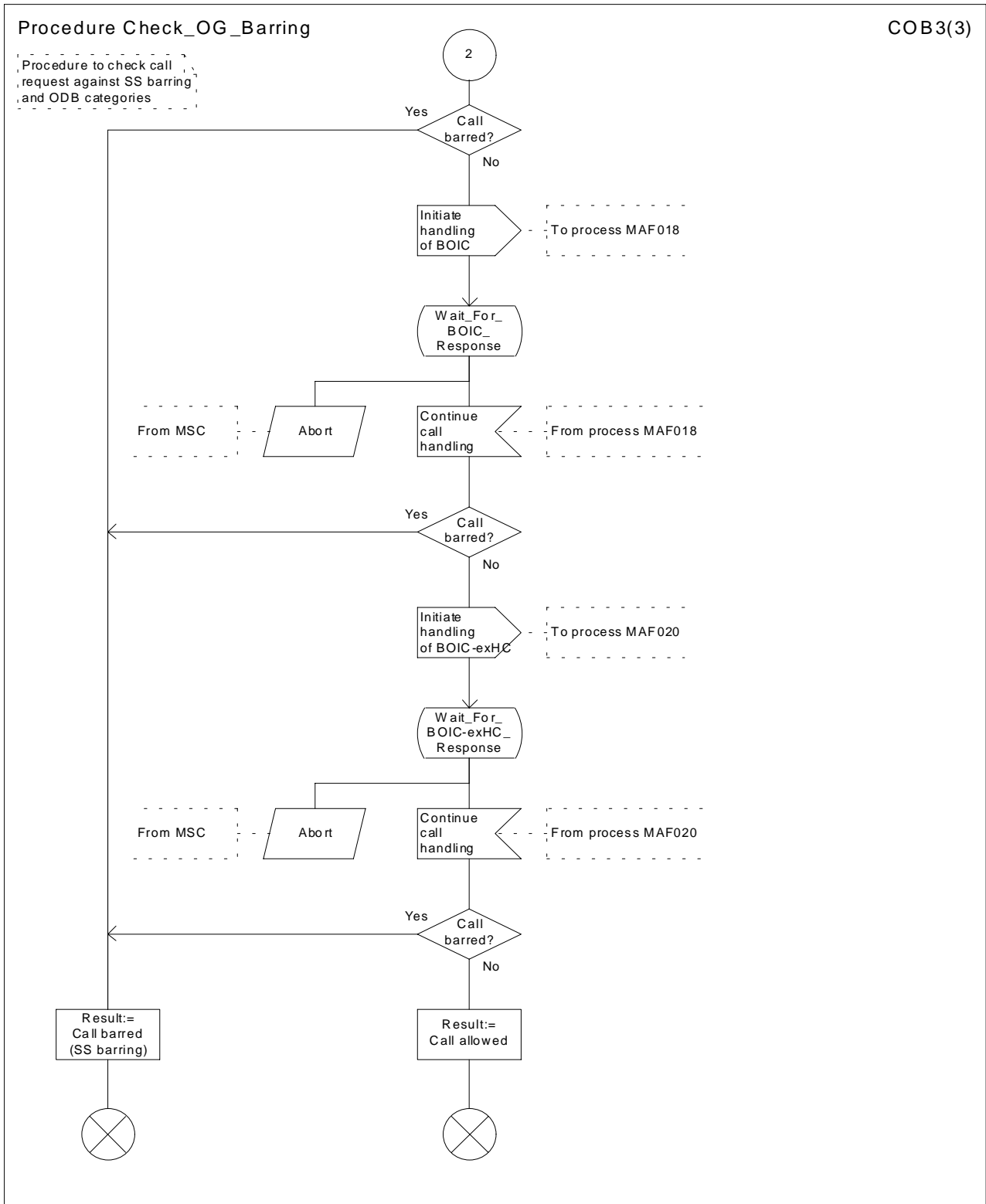


Figure 34c: Procedure Check_OG_Barring (sheet 3)

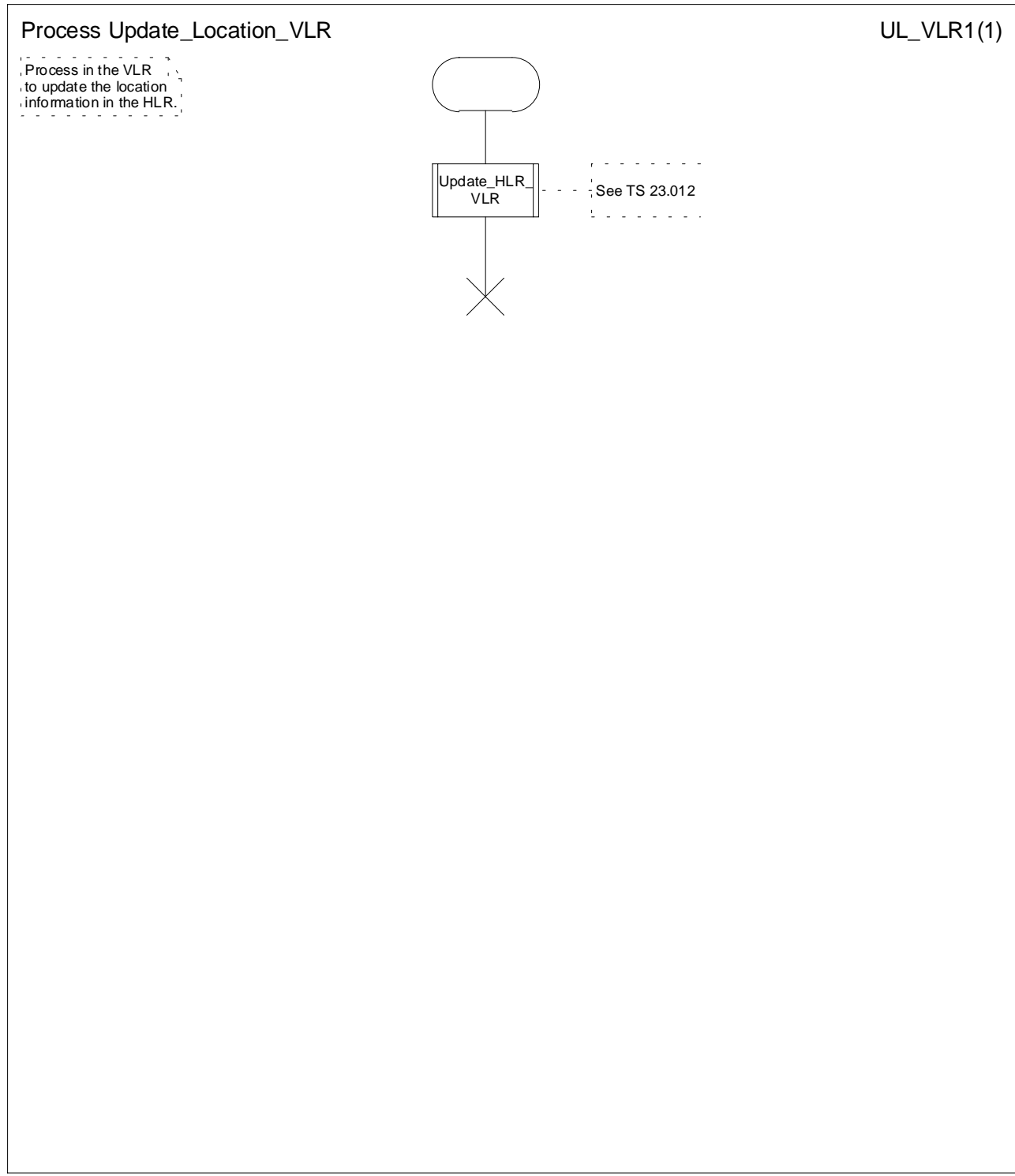


Figure XX: Process Update Location VLR

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| CR-Form-v4 |
| CHANGE REQUEST |
| ⌘ 23.018 CR 076 ⌘ rev - ⌘ Current version: 4.3.0 ⌘ |

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Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

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| Title: | ⌘ Addition of missing process Update_Location_VLR | | |
| Source: | ⌘ CN4 | | |
| Work item code: | ⌘ TEI | Date: | ⌘ 4/7/01 |
| Category: | ⌘ A | Release: | ⌘ REL-4 |
| | Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (Addition of feature), C (Functional modification of feature) D (Editorial modification) | | Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) REL-4 (Release 4) REL-5 (Release 5) |
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| Other comments: | ⌘ | | |

7 Functional requirements of network entities

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7.1.2 Functional requirements of VLR

7.1.2.1 Process OCH_VLR

7.1.2.2 Procedure Process_Access_Request_VLR

Sheet 1: it is a network operator decision (subject to MoU requirements) how often an MS should be authenticated.

Sheet 2: the processes Update_Location_VLR and Subscriber_Present_VLR ~~are~~ is described in 3GPP TS 23.012 [629].

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Sheet 3: it is a network operator decision (subject to MoU requirements) how often an IMEI should be checked.

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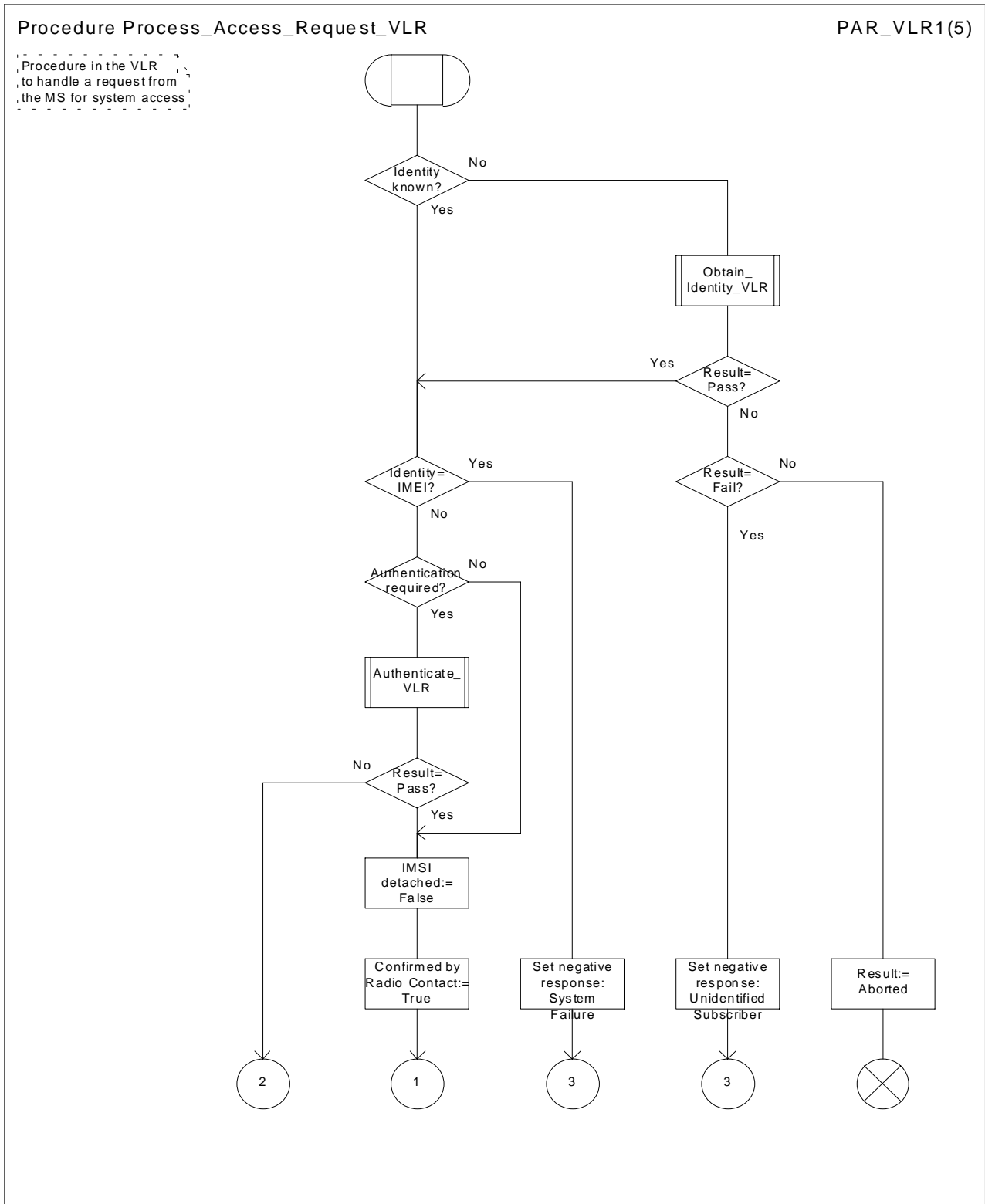
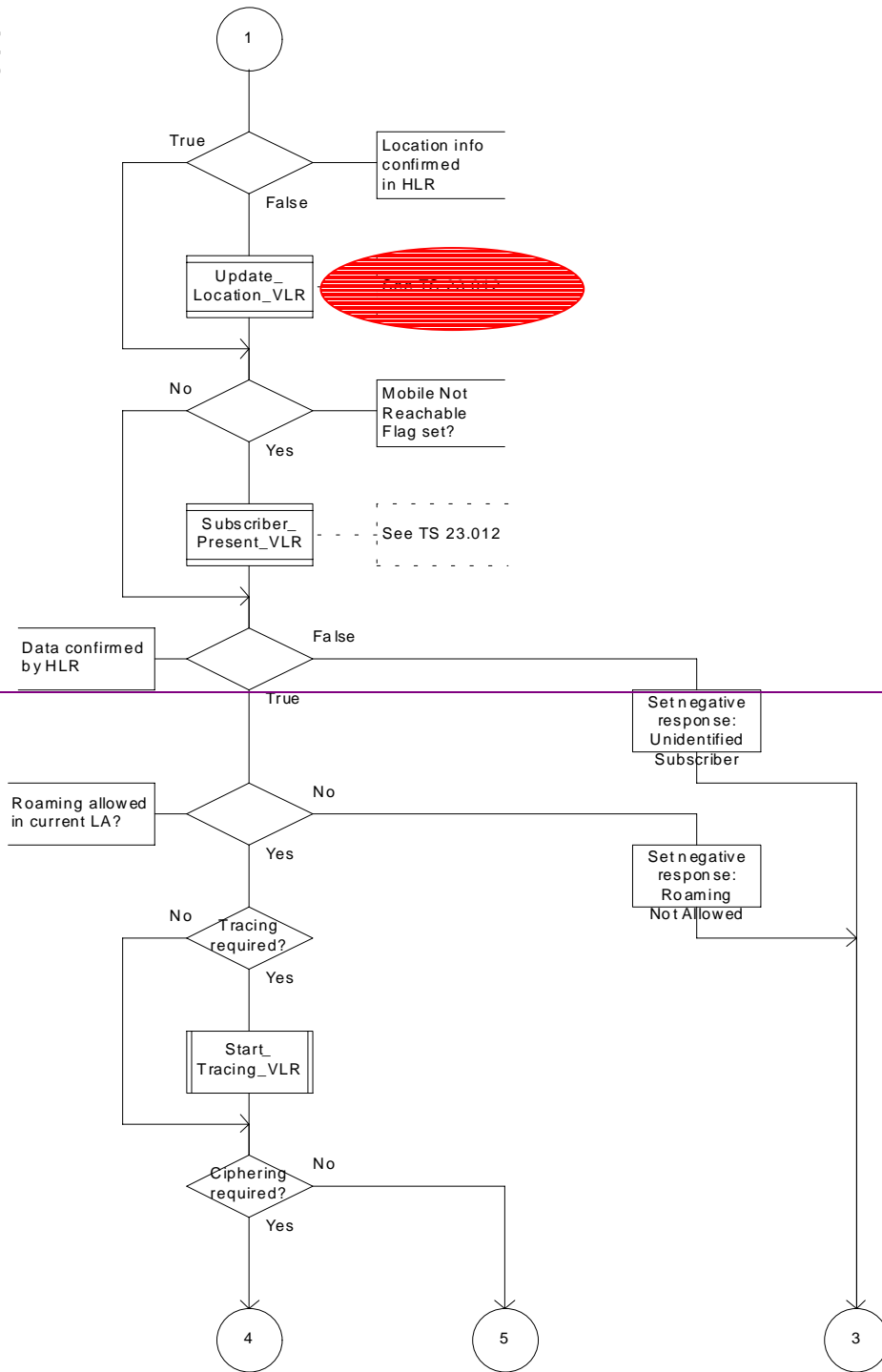


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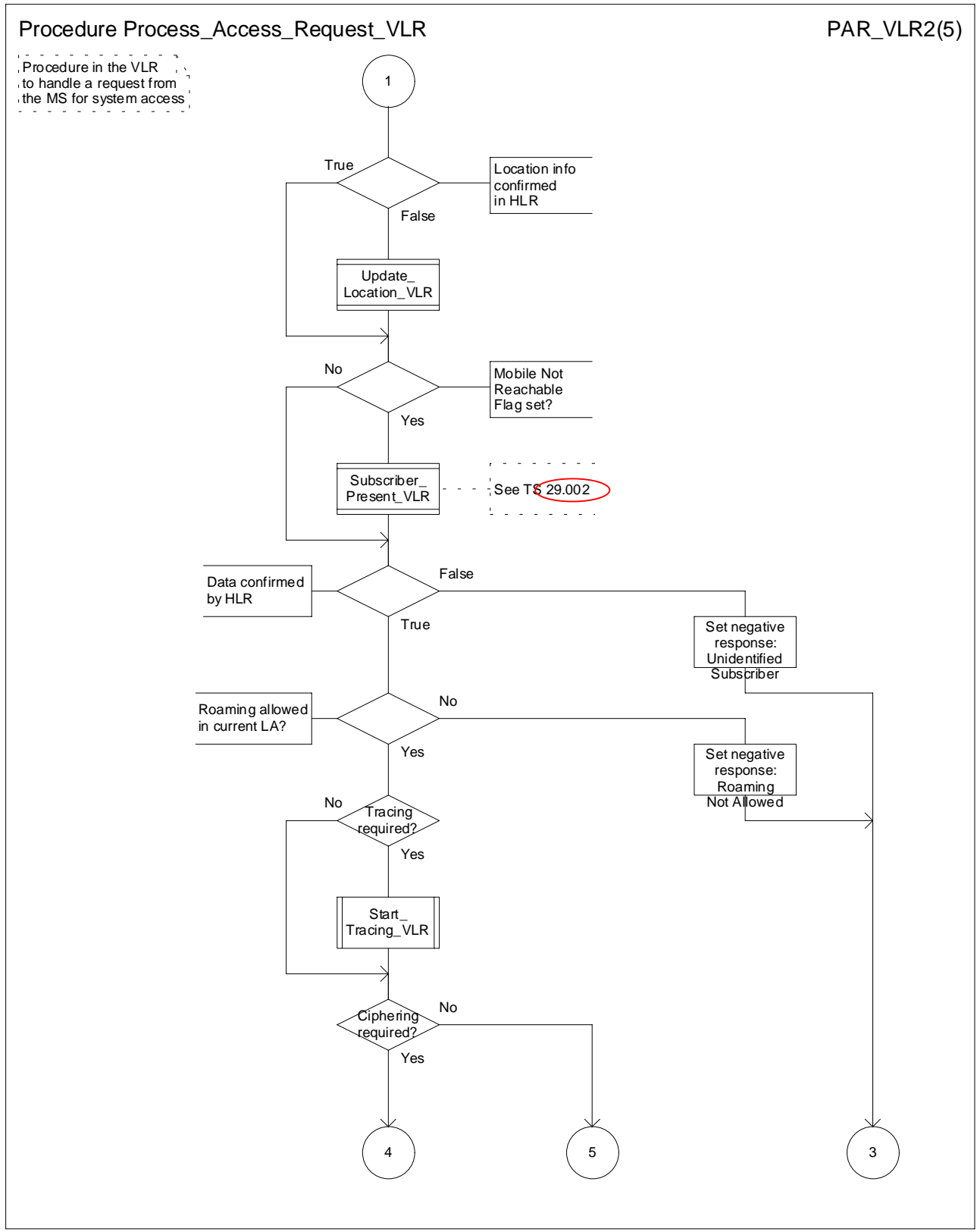


Figure 20b: Procedure Process_Access_Request_VLR (sheet 2)

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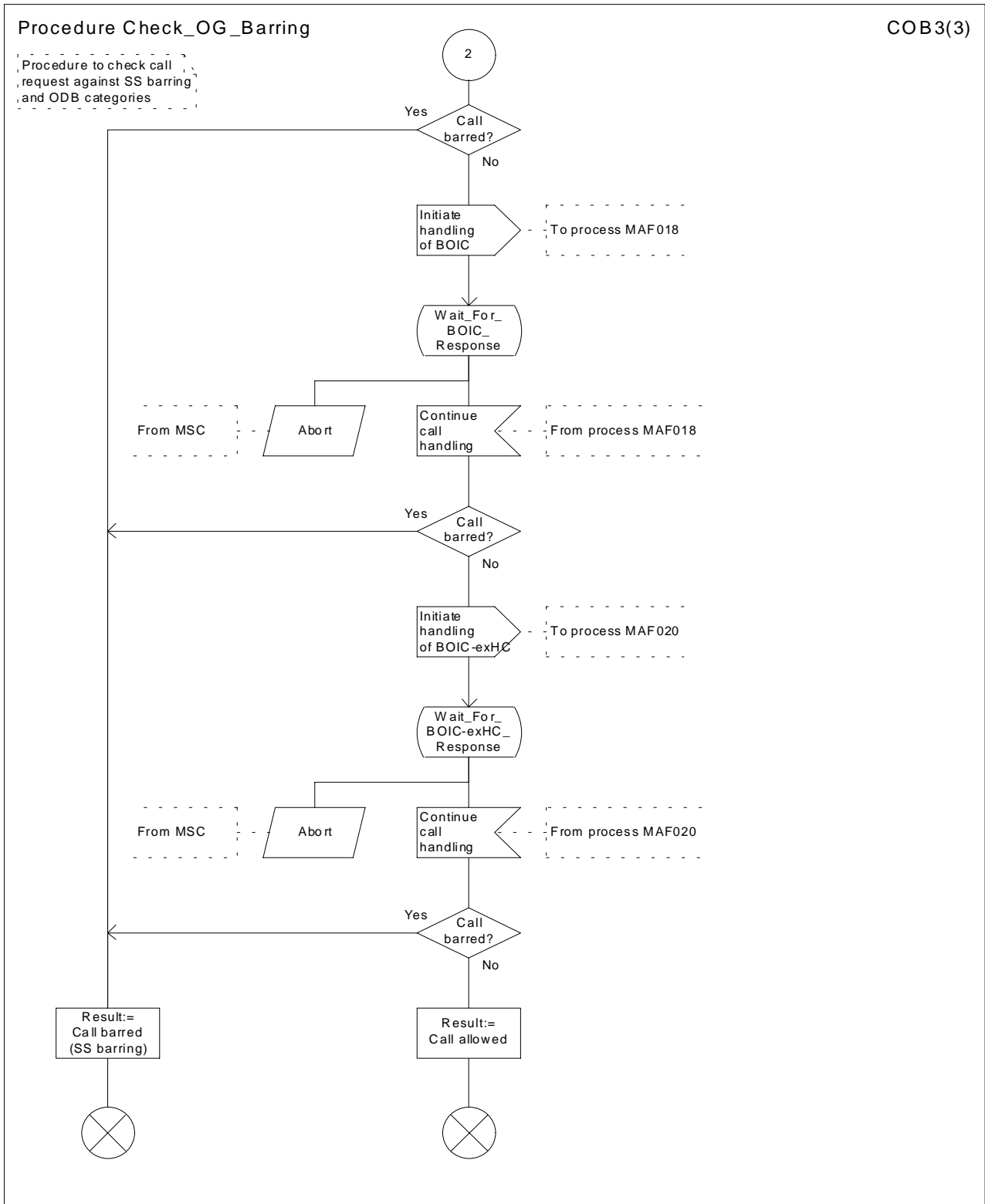


Figure 34c: Procedure Check_OG_Barring (sheet 3)

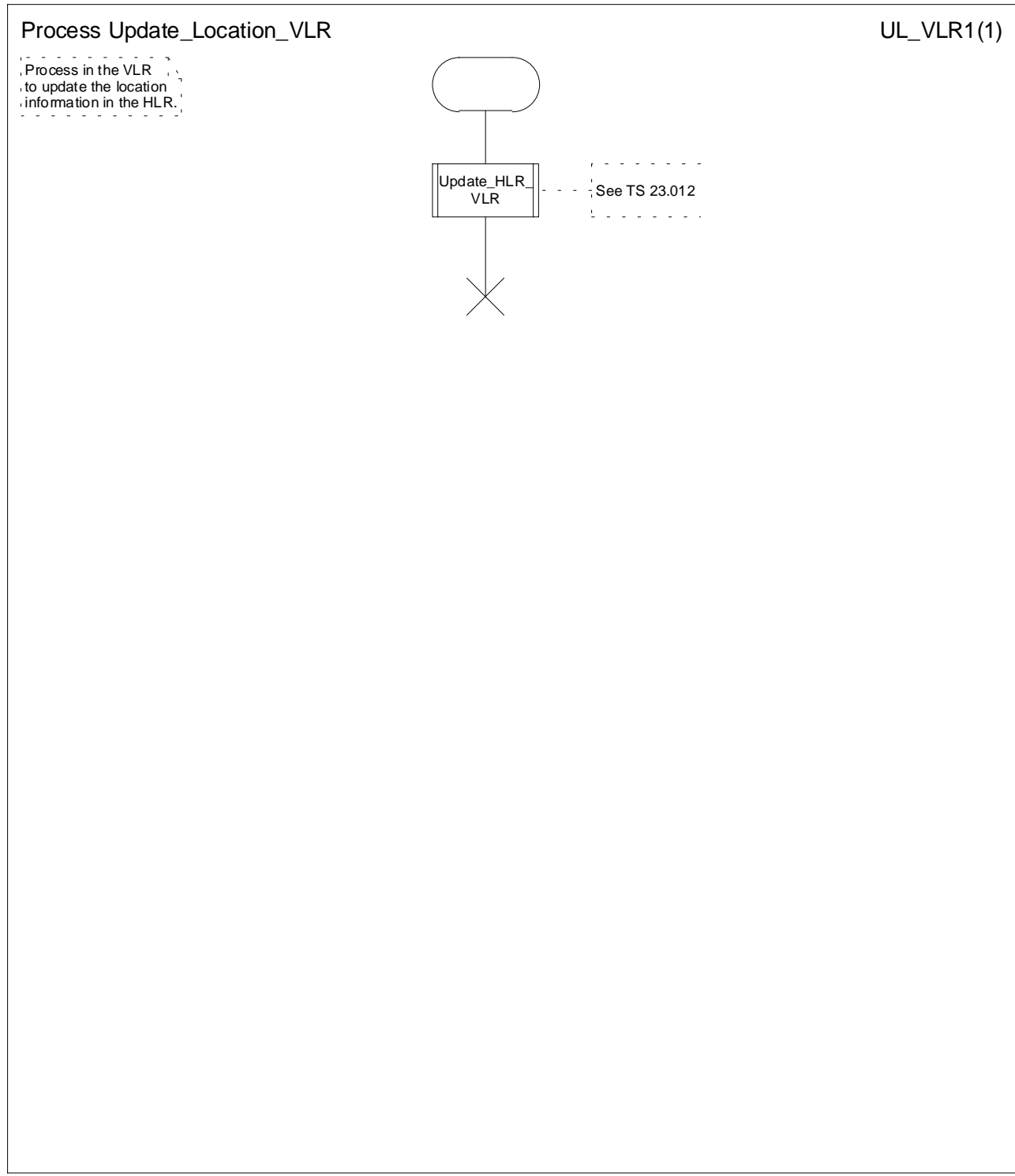


Figure XX: Process Update Location VLR

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| CHANGE REQUEST |
| ⌘ 23.018 CR 077 ⌘ rev - ⌘ Current version: 5.0.0 ⌘ |

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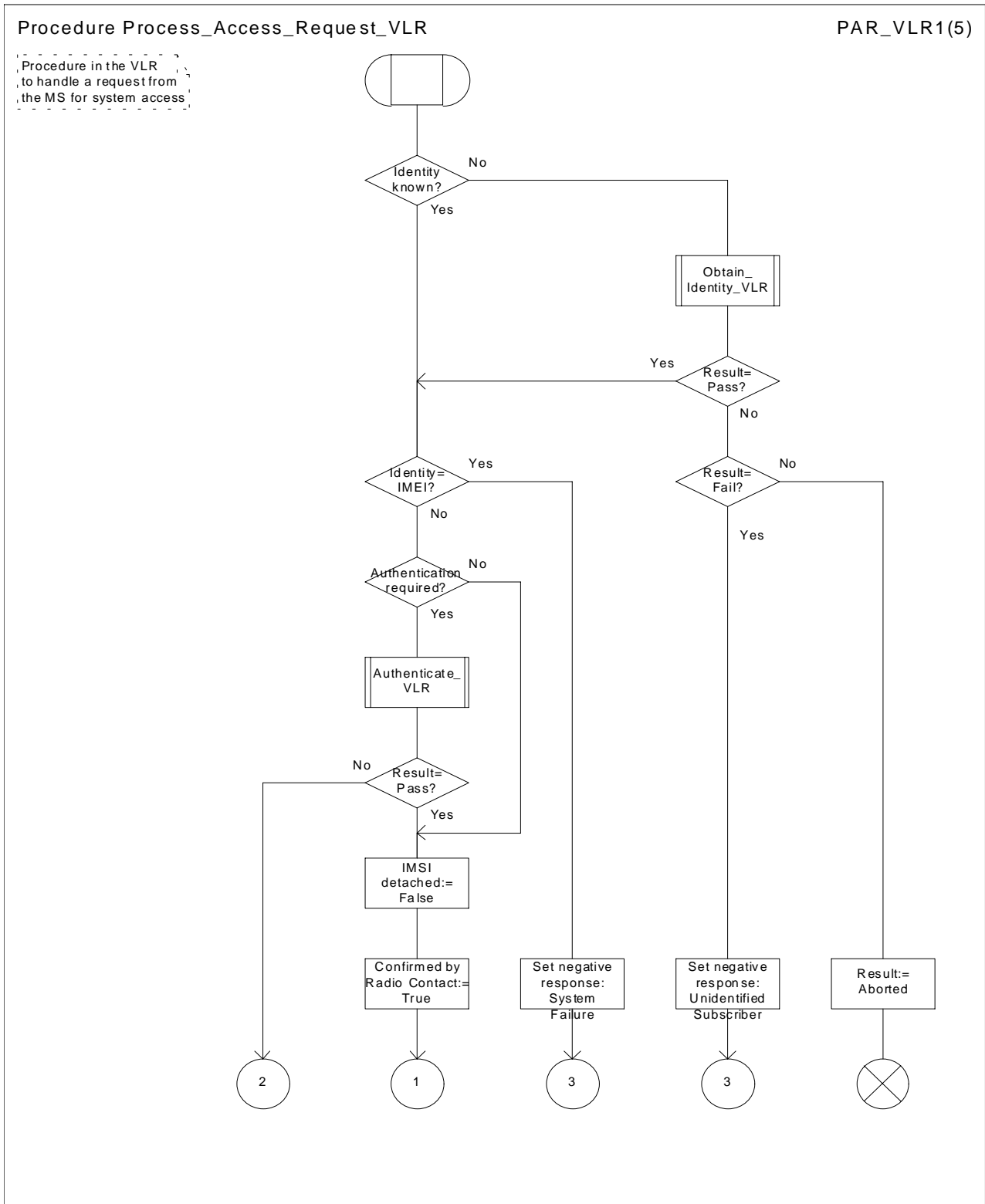
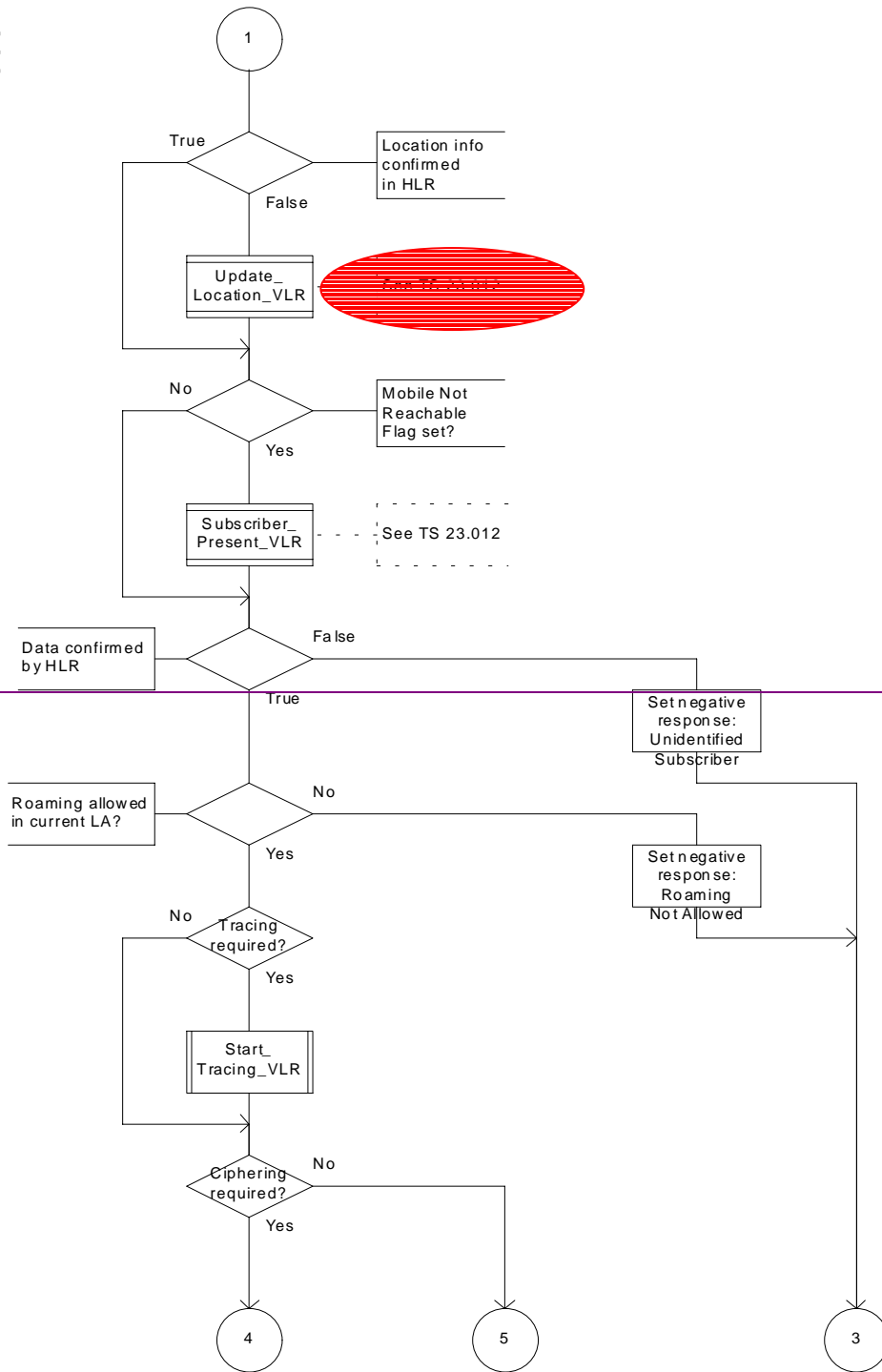


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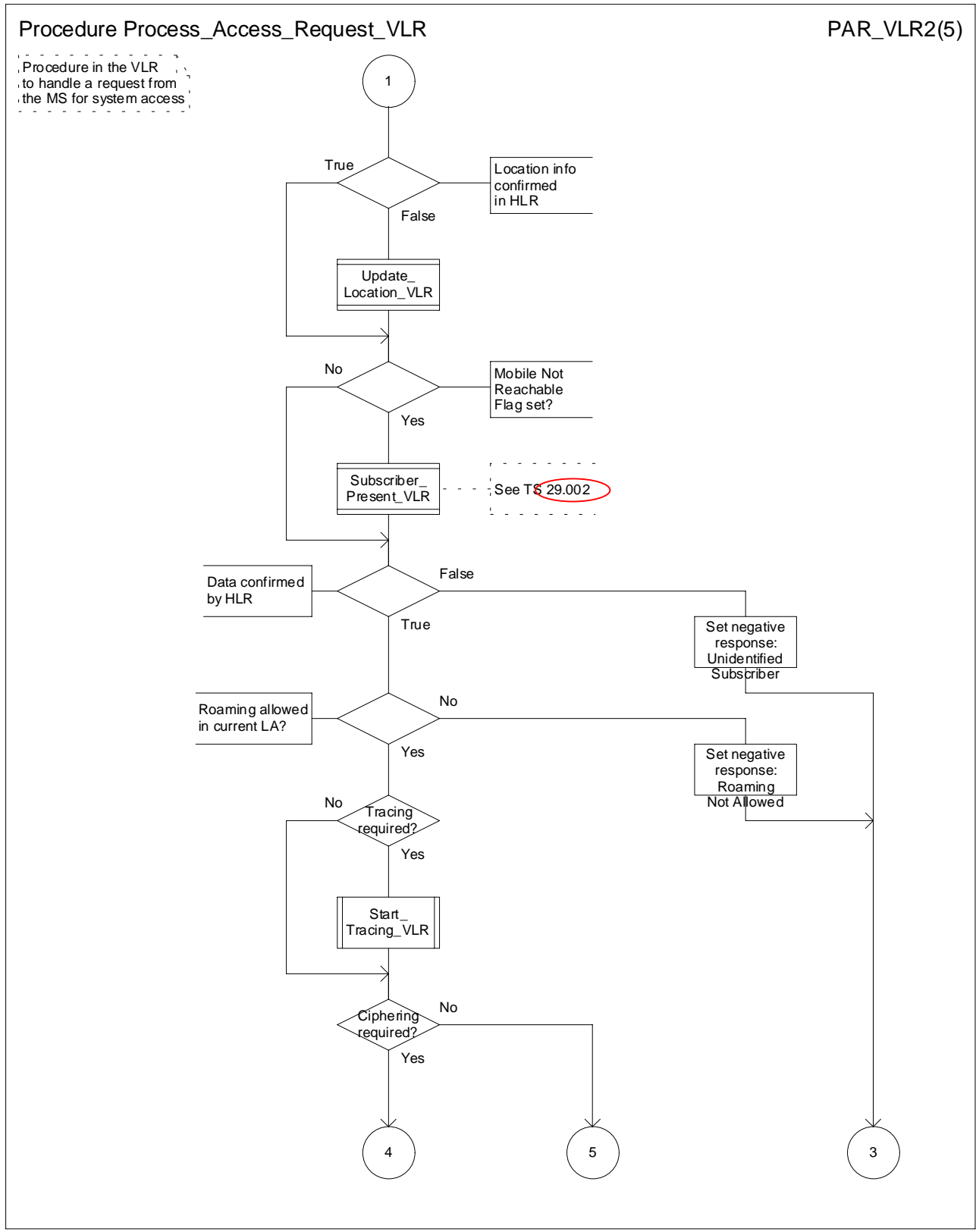


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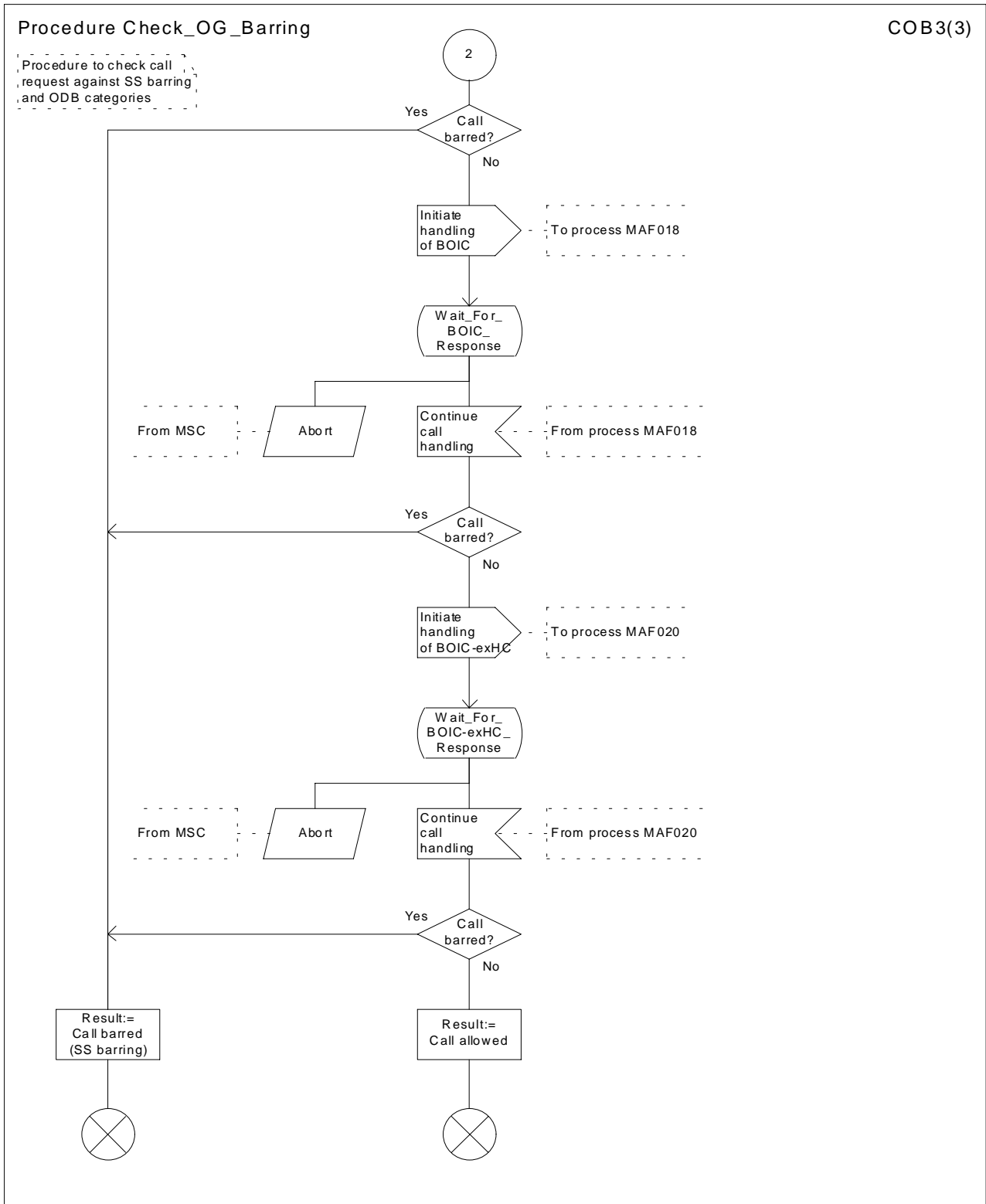


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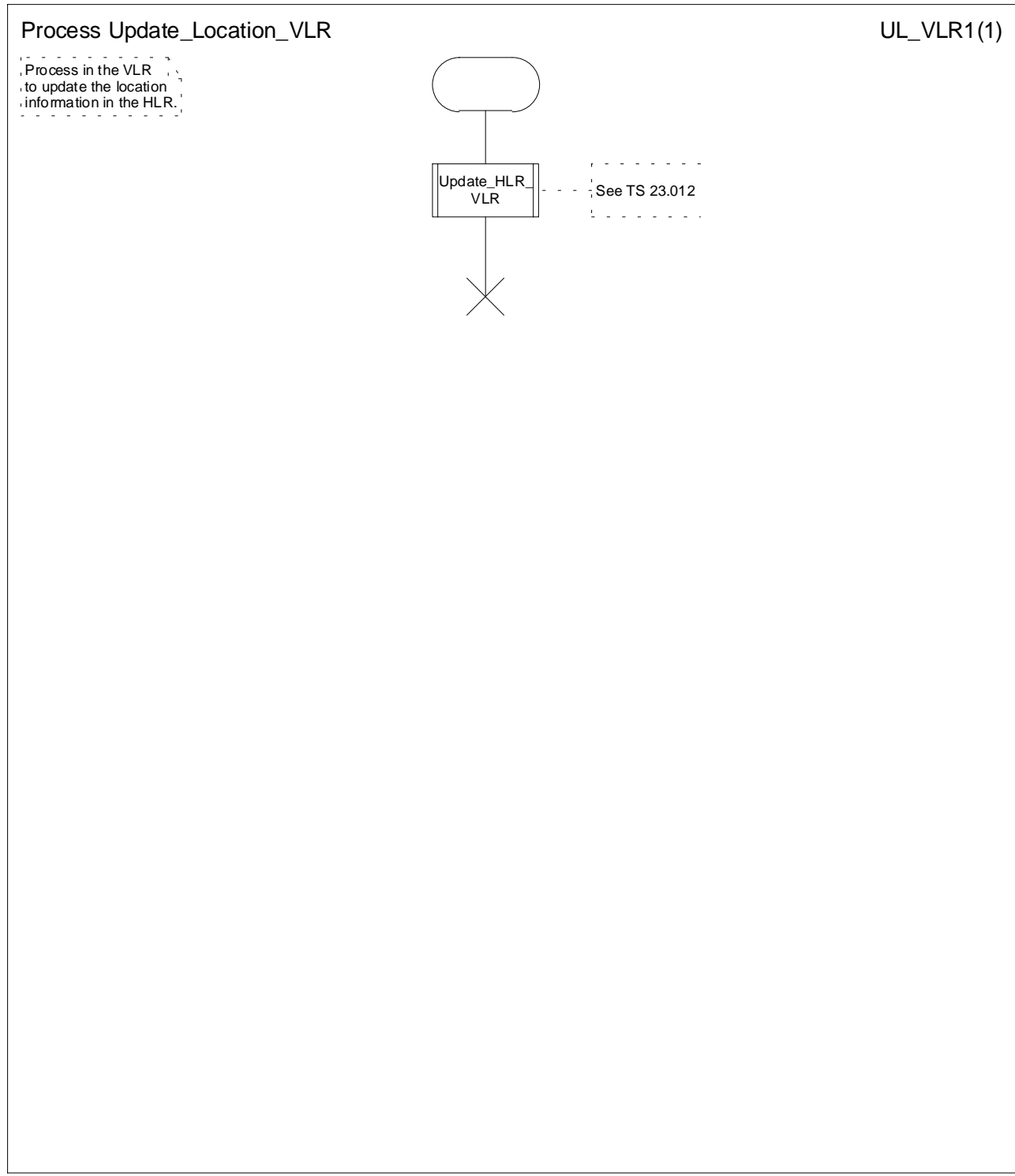


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