3GPP TSG CN Plenary Meeting #14 **NP-010691**
Kyoto, Japan, 12th -14th December 2001

Source: **TSG CN WG 1**

Title: **CR to R99 (with mirror CR) on Work Item GSM/UMTS interworking towards 23.009**

Agenda item: **7.15**

Document for: **APPROVAL**

Introduction:

This document contains a CR on **R99 (with mirror CR) to** Work Item **" GSM/UMTS interworking"**, that has been agreed by **TSG CN WG1**, and is forwarded to TSG CN Plenary meeting #14 for approval.

Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Version-New	Doc-2nd-Level
23.009	062	2	R99	GSM to UMTS Handover: Iu-LOCATION-REPORTING message reception	F	3.8.0	3.9.0	Was N1-012026
23.009	063	3	Rel-4	GSM to UMTS Handover: Iu-LOCATION-REPORTING message reception	A	4.2.0	4.3.0	Was N1-012027

3GPP TSG-CN1 Meeting #21 ***Revision of Tdoc N1-012026***
Cancun, Mexico, 26.- 30. November 2001

CR-Form-v4

CHANGE REQUEST

⌘ **23.009** **CR** **062** ⌘ ev **2** ⌘ 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:	⌘	GSM to UMTS Handover: Iu-LOCATION-REPORTING message reception
Source:	⌘	Nokia
Work item code:	⌘	GSM/UMTS Interworking
Date:	⌘	29.11.01
Category:	⌘	**F**
Release:	⌘	R99

Use one 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 one 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:	⌘	SDLs introduced in Tdoc N1-011111 to the procedure '3G_MSC_B_HO' revealed a mistake on the logical entities involved in the Iu-LOCATION-REPORTprocedure, in sheets 2 and 32 of figure 44. RNS-A is the RNS from which the MS is being handed over. RNS-B is the RNS to which the MS is being handed over. This means that RNS-B is the target RNS for the handover, the IU-LOCATION-REPORT-CONTROL message is sent to the target RNS. The IU-LOCATION-REPORT message is received from the RNS which is serving the MS, that is RNS. In addition to that the rest of the SDLs of the specification have been revised and other wrong wording corrected as explained in Summary of change.
Summary of change:	⌘	Change of RNS-A to RNS on Sheets 32 and 24, and RNS-A to RNS-B on sheet 2 and BSS-A to BSS on sheet 6 on figure 44 (Procedure 3G_MSC_B_HO). Change of BSS-A to BSS on sheet 6 in figure 42 (procedure MSC_B_HO).
Consequences if not approved:	⌘	SDL mismatch with text.

Clauses affected:	⌘	Fig. 44 (sheets 2, 6, 24 and 32 of 54) and fig 42 sheet 6.
Other specs Affected:	⌘	☐ Other core specifications ⌘ ☐ Test specifications ☐ O&M Specifications
Other comments:	⌘	

How to create CRs using this form:

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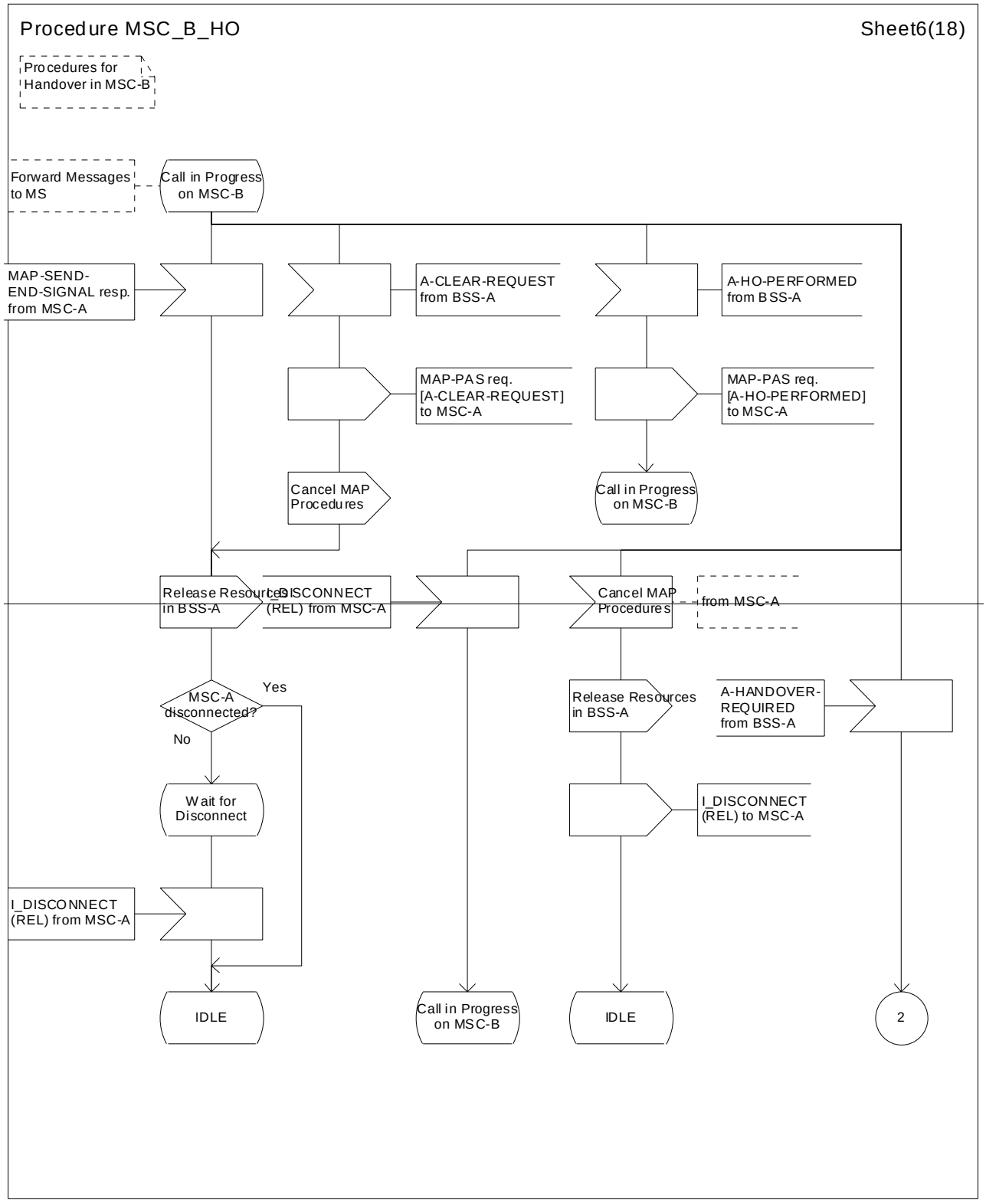
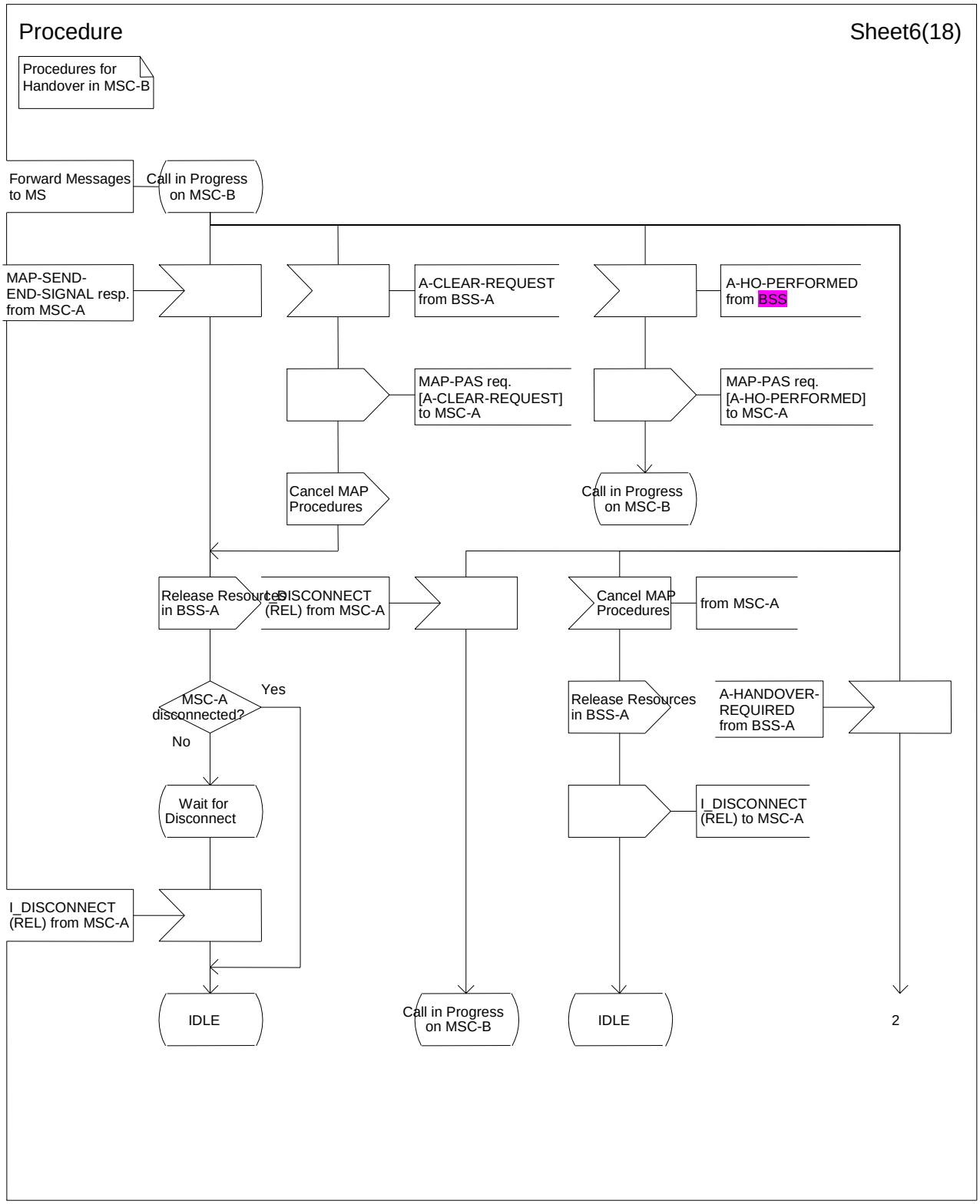


Figure 42 (Sheet 6 of 18): Handover control procedure in MSC-B



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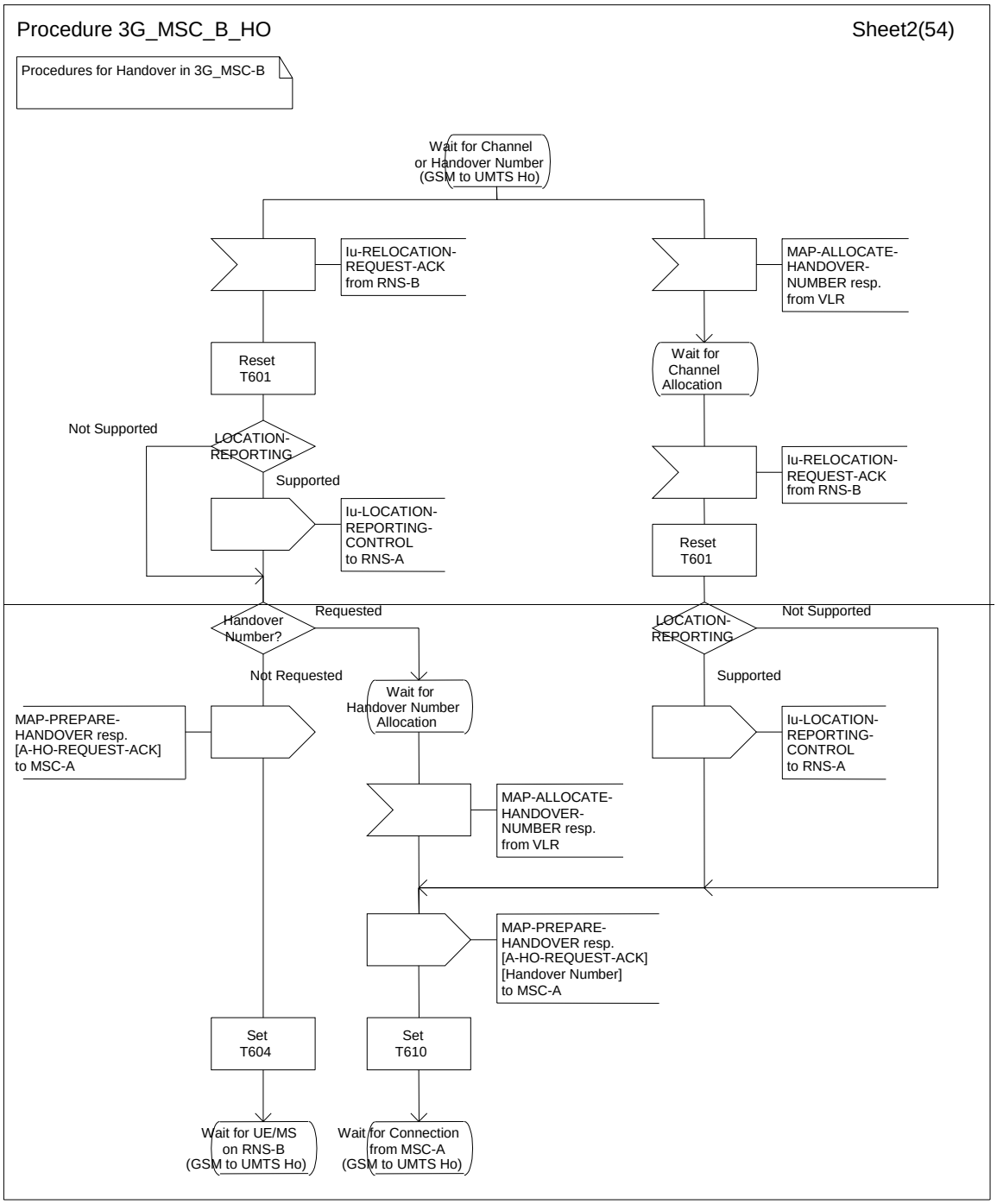


Figure 44 (sheet 2 of 54): Handover control procedure in 3G_MSC-B

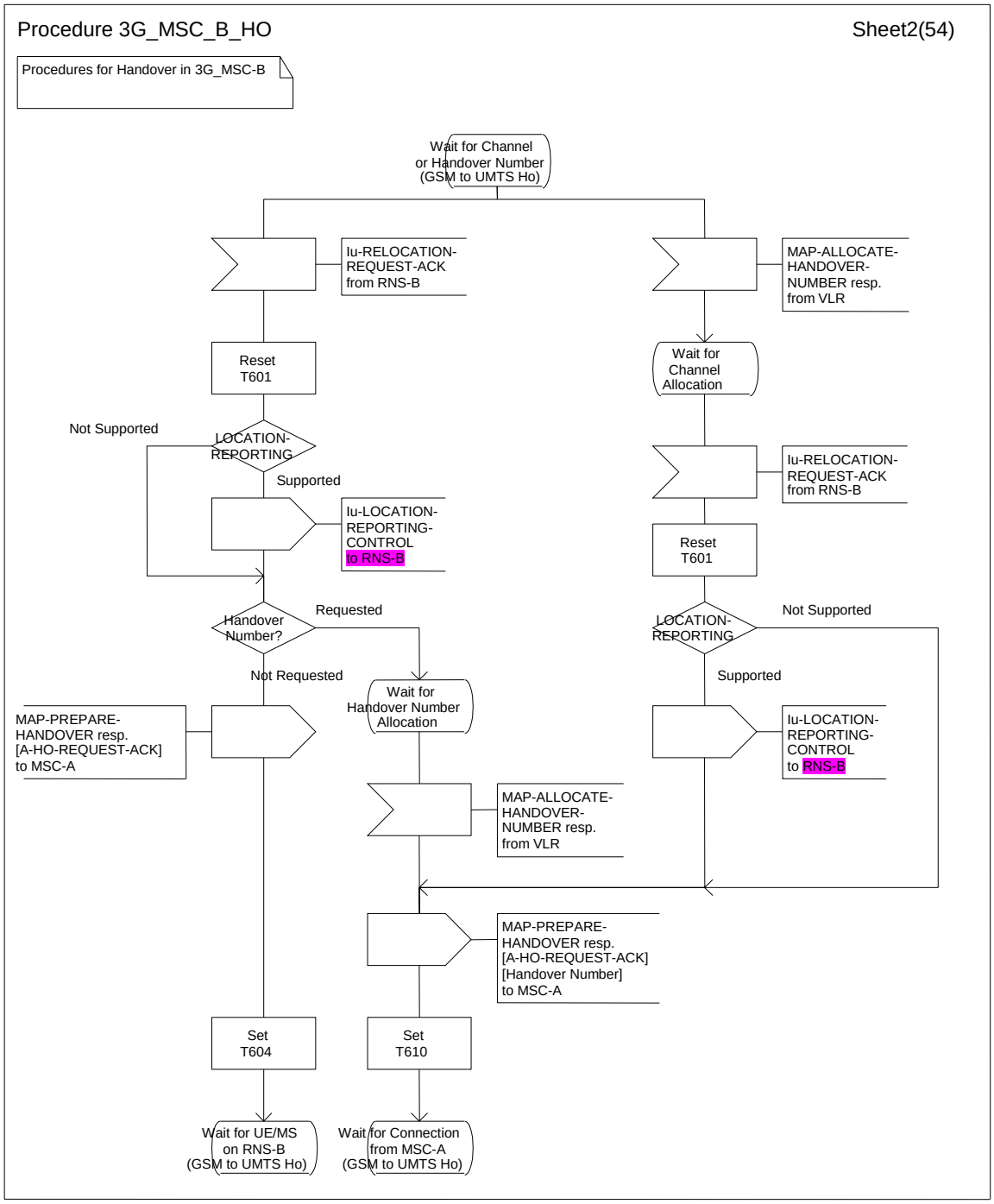
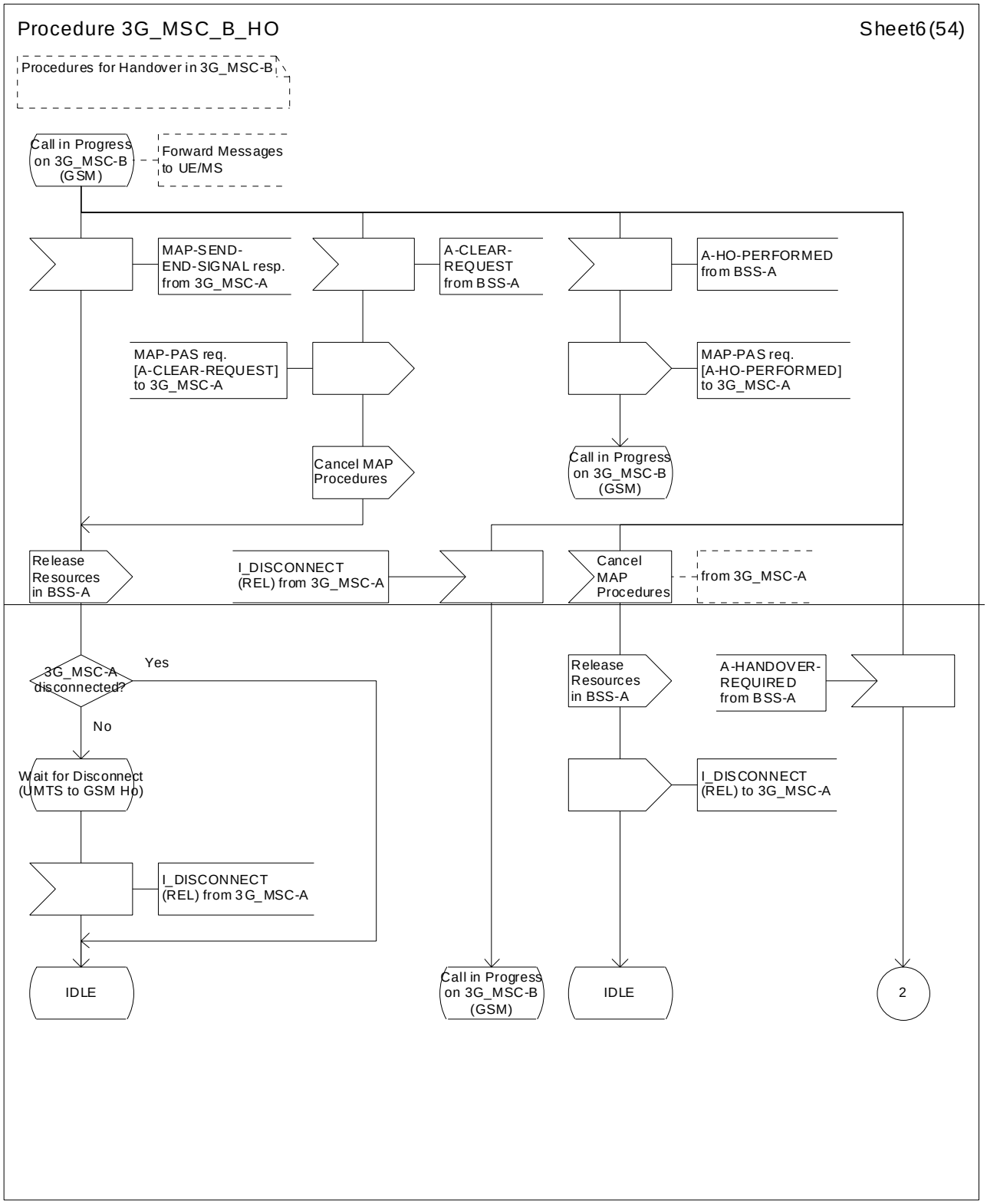


Figure 44 (sheet 2 of 54): Handover control procedure in 3G_MSC-B



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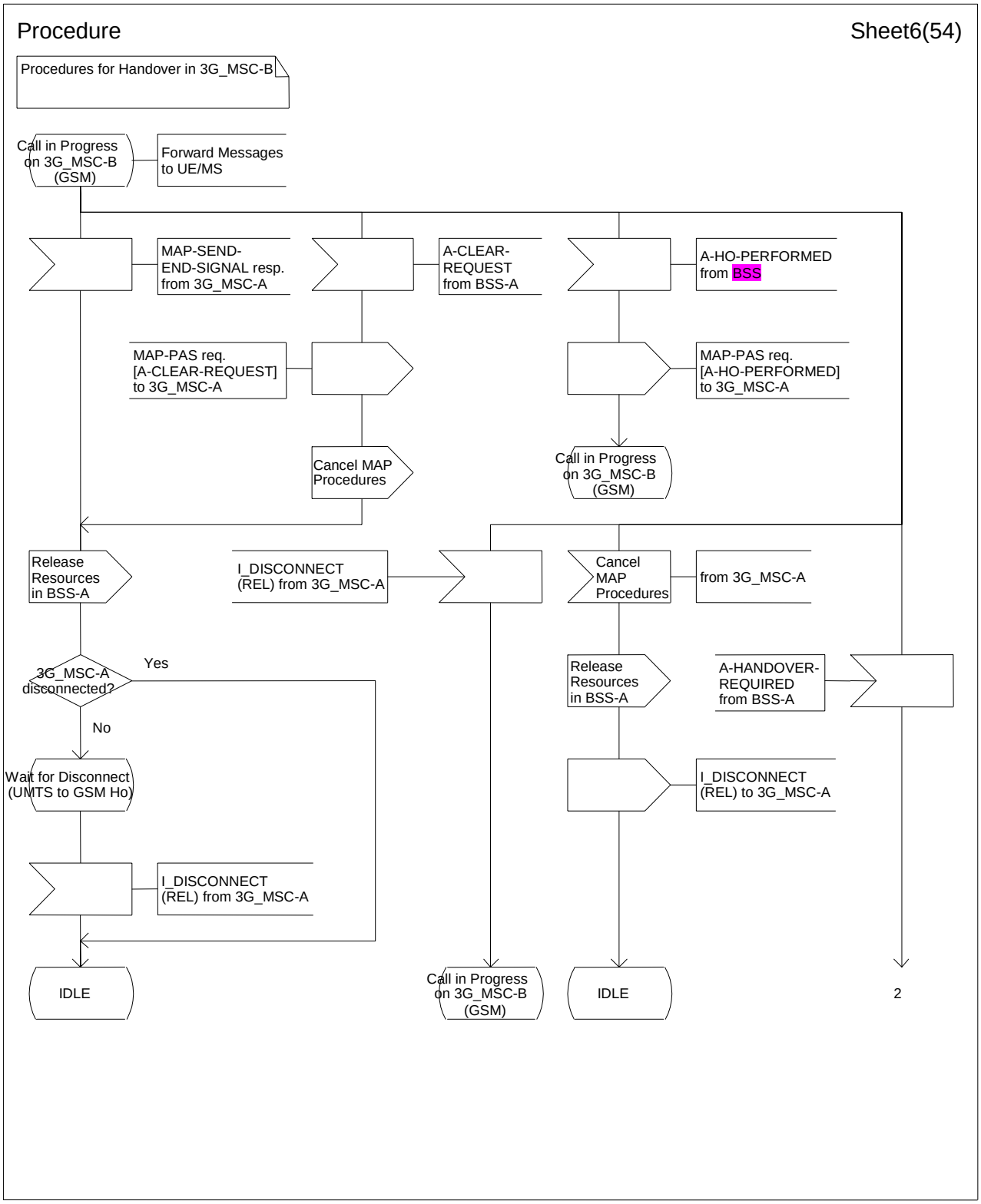

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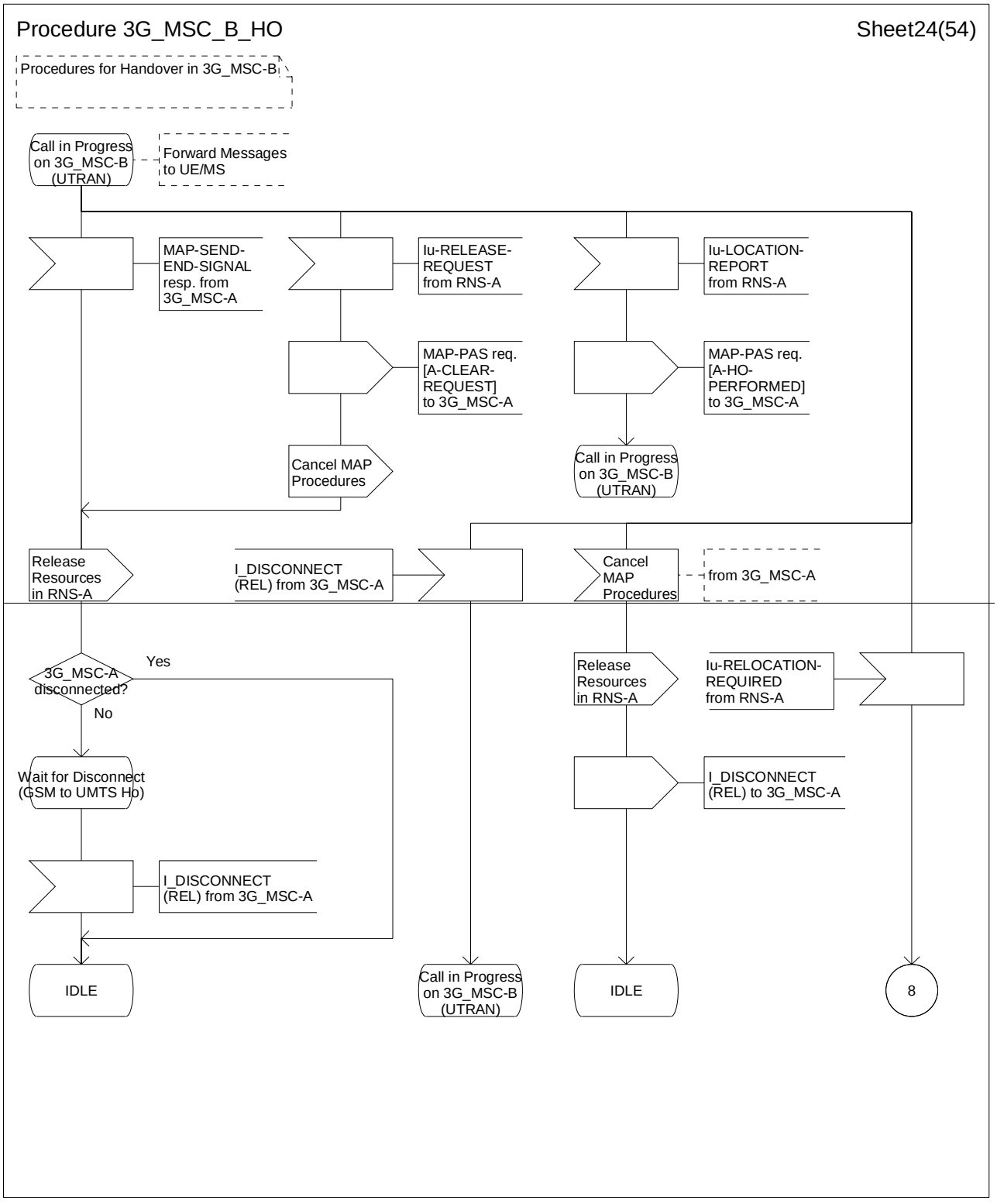

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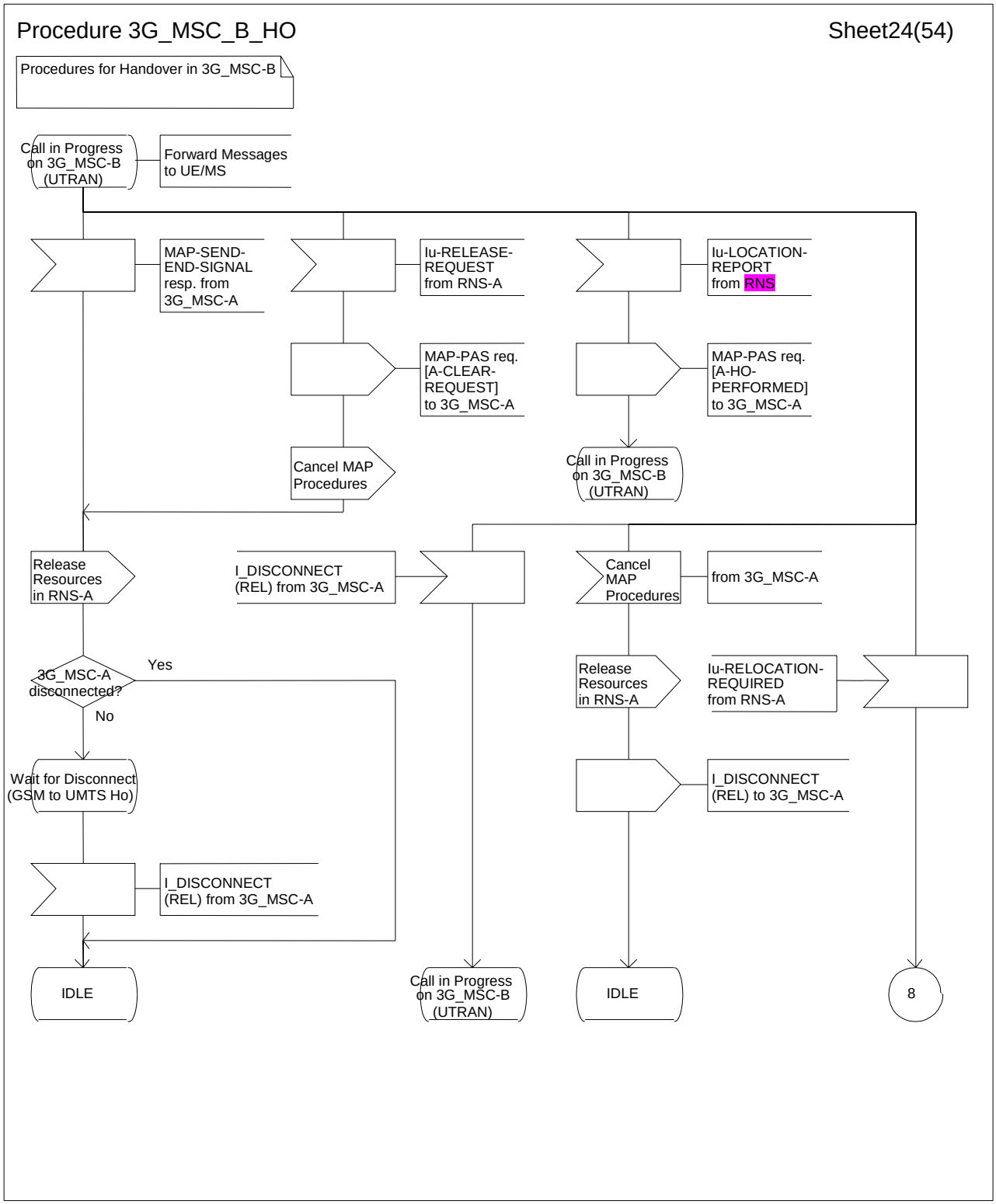

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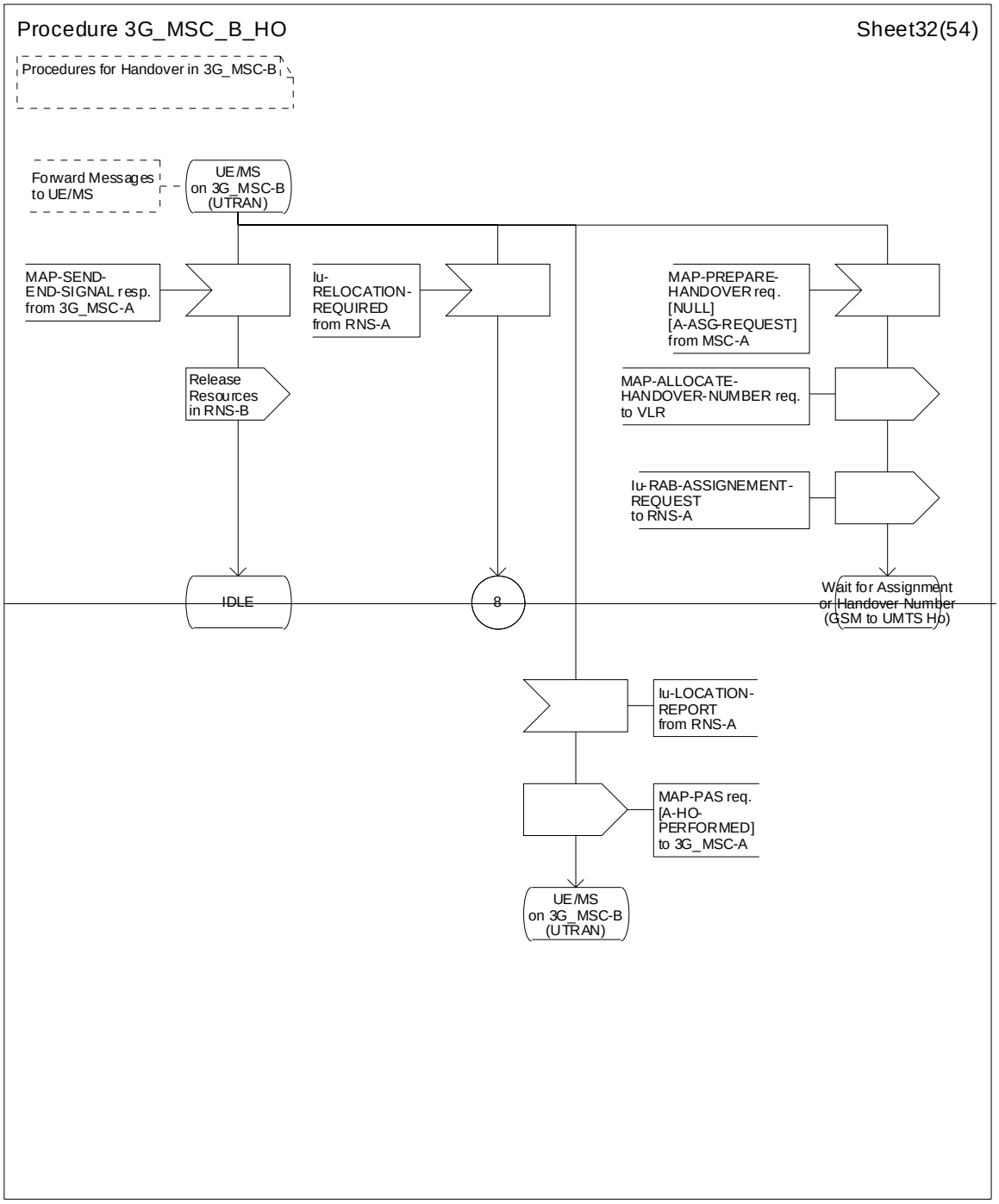

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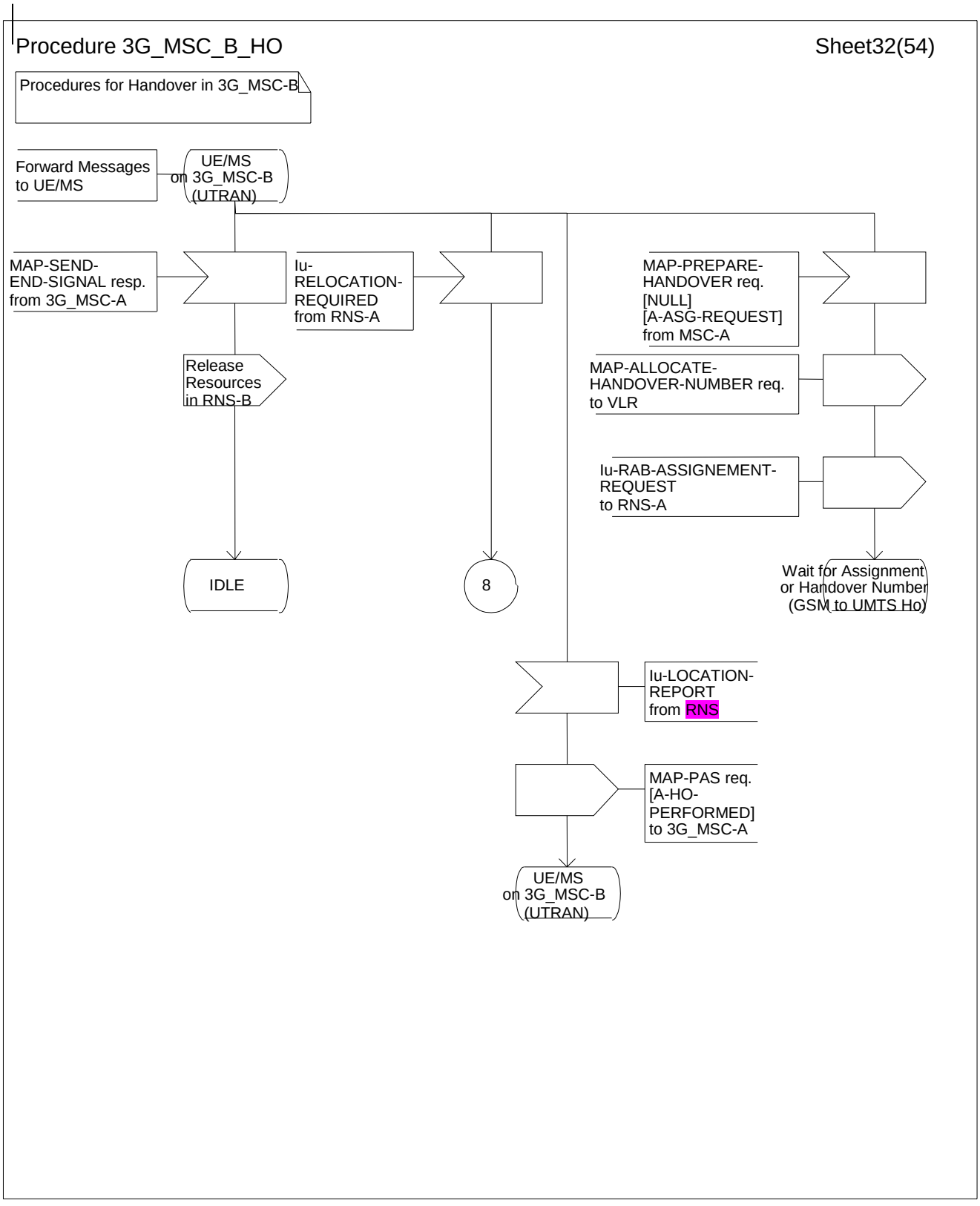
Procedure 3G_MSC_B_HO
Sheet32(54)
Procedures for Handover in 3G_MSC-B
Forward Messages to UE/MS
UE/MS on 3G_MSC-B (UTRAN)
MAP-SEND-END-SIGNAL resp. from 3G_MSC-A
Iu-RELOCATION-REQUIRED from RNS-A
MAP-PREPARE-HANDOVER req. [NULL] [A-ASG-REQUEST] from MSC-A
Release Resources in RNS-B
MAP-ALLOCATE-HANDOVER-NUMBER req. to VLR
Iu-RAB-ASSIGNEMENT-REQUEST to RNS-A
IDLE
8
Wait for Assignment or Handover Number (GSM to UMTS Ho)
Iu-LOCATION-REPORT from RNS
MAP-PAS req. [A-HO-PERFORMED] to 3G_MSC-A
UE/MS on 3G_MSC-B (UTRAN)

3GPP TSG-CN1 Meeting #21 ***Revision of Tdoc N1-012027***
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CHANGE REQUEST

⌘ **23.009** **CR** **063** ⌘ ev **3** ⌘ Current version: **4.2.0** ⌘

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Source:	⌘	Nokia
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Date:	⌘	29.11.01
Category:	⌘	**A**
Release:	⌘	Rel-4

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RNS-B is the RNS to which the MS is being handed over.

This means that RNS-B is the target RNS for the handover, the IU-LOCATION-REPORT-CONTROL message is sent to the target RNS.

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Change of BSS-A to BSS on sheet 6 in figure 42 (procedure MSC_B_HO).

Consequences if not approved: ⌘ SDL mismatch with text.

Clauses affected: ⌘ Fig. 44 (sheets 2, 6, 24 and 32 of 54) and fig 42 sheet 6.

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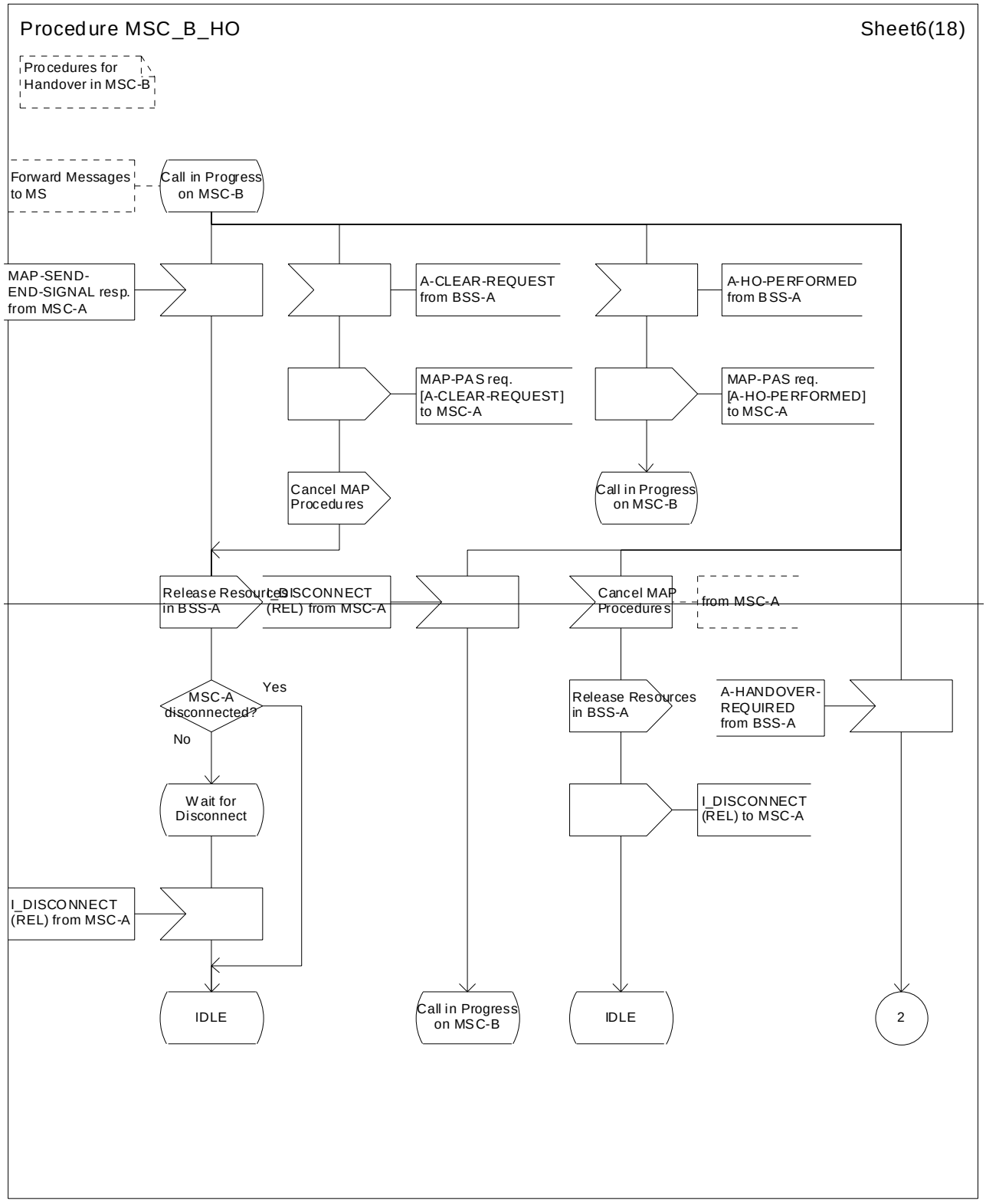

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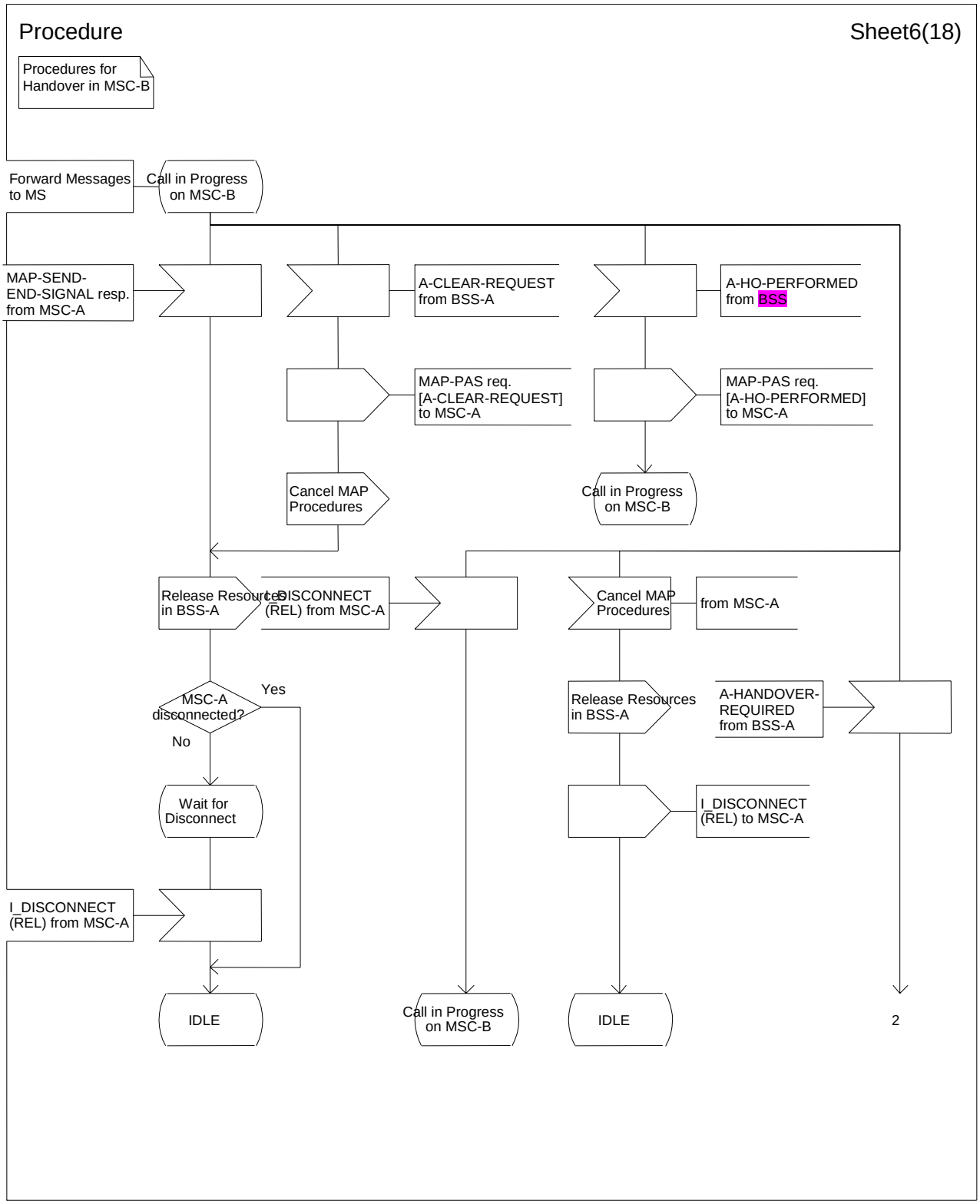

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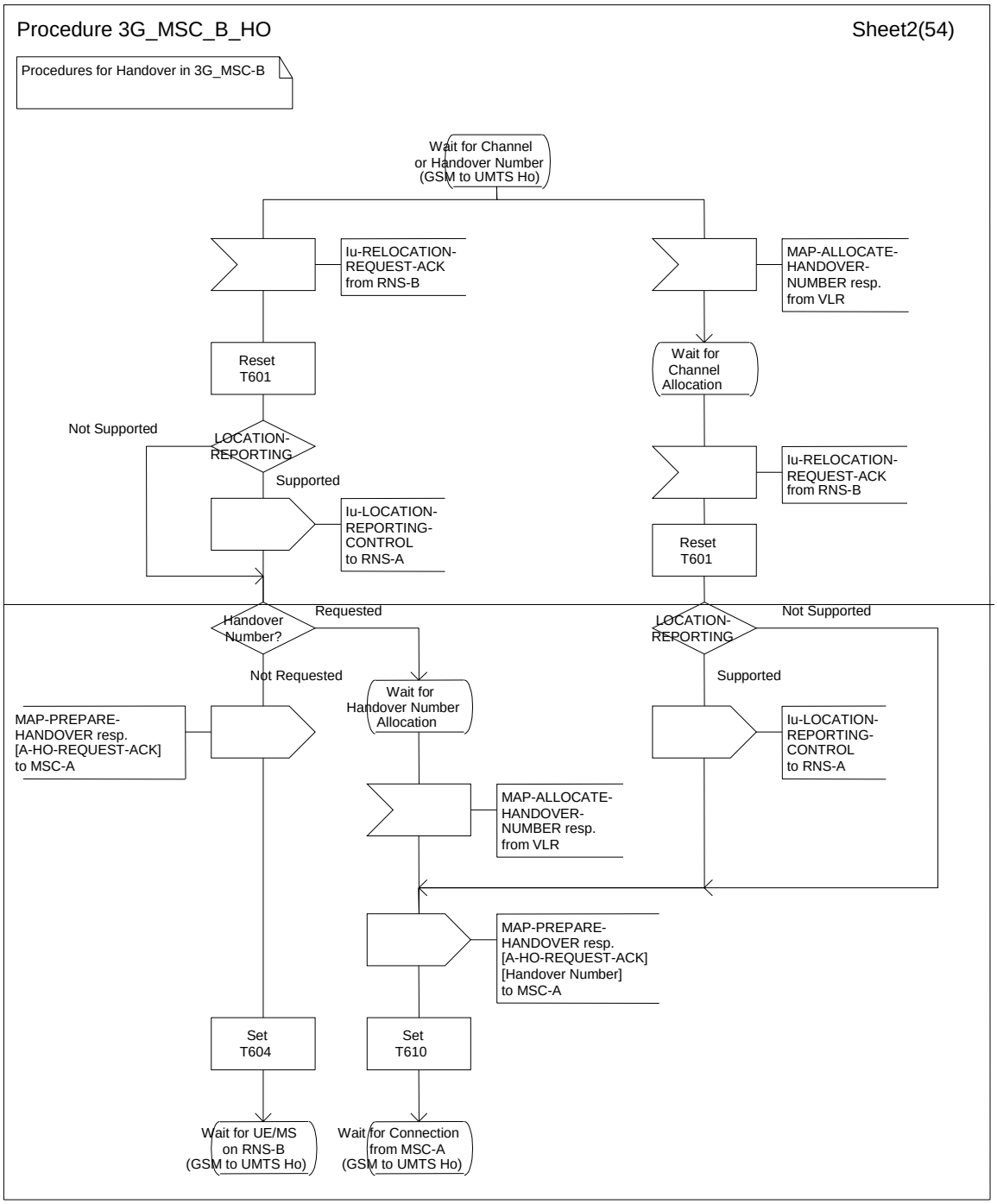

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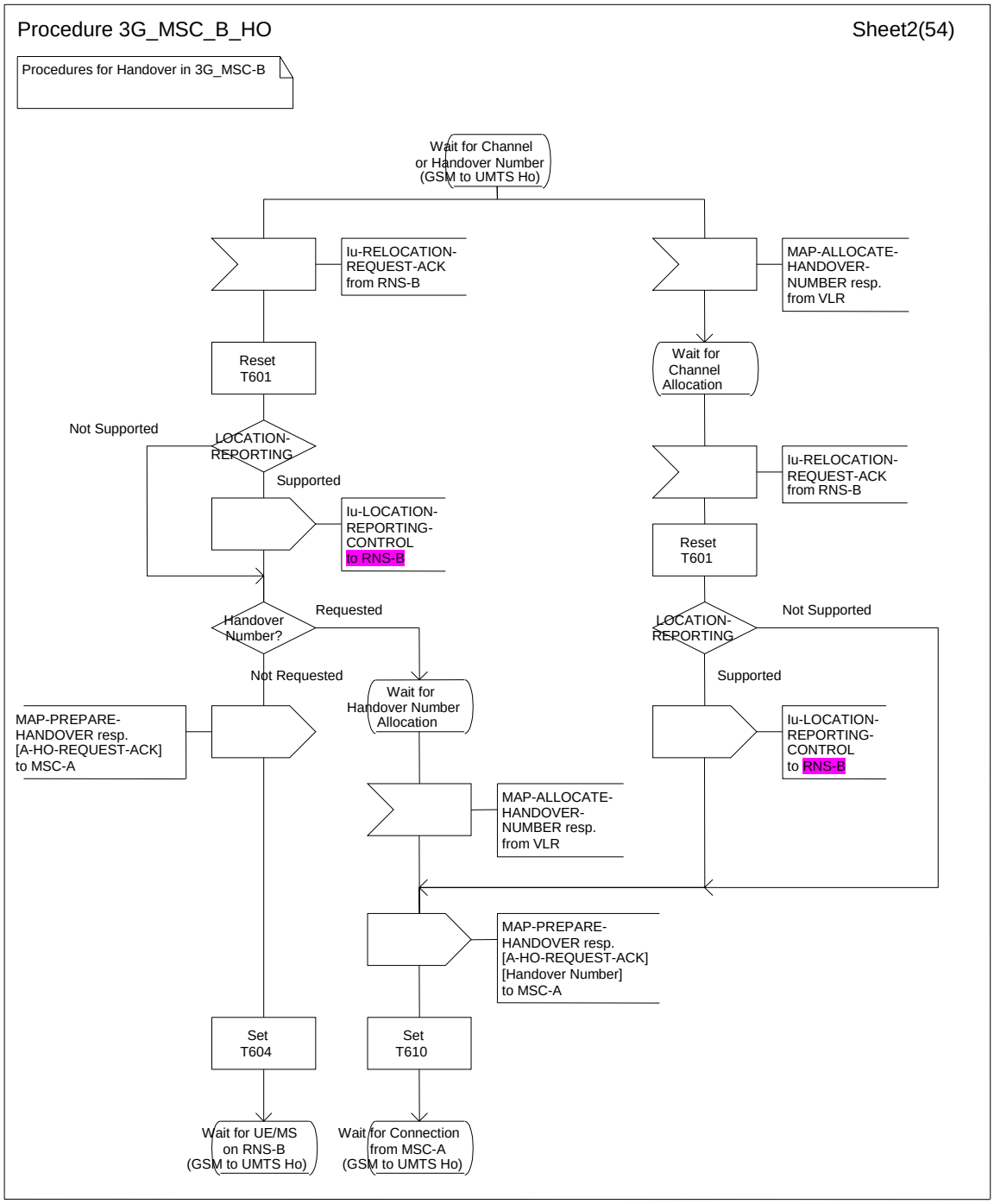

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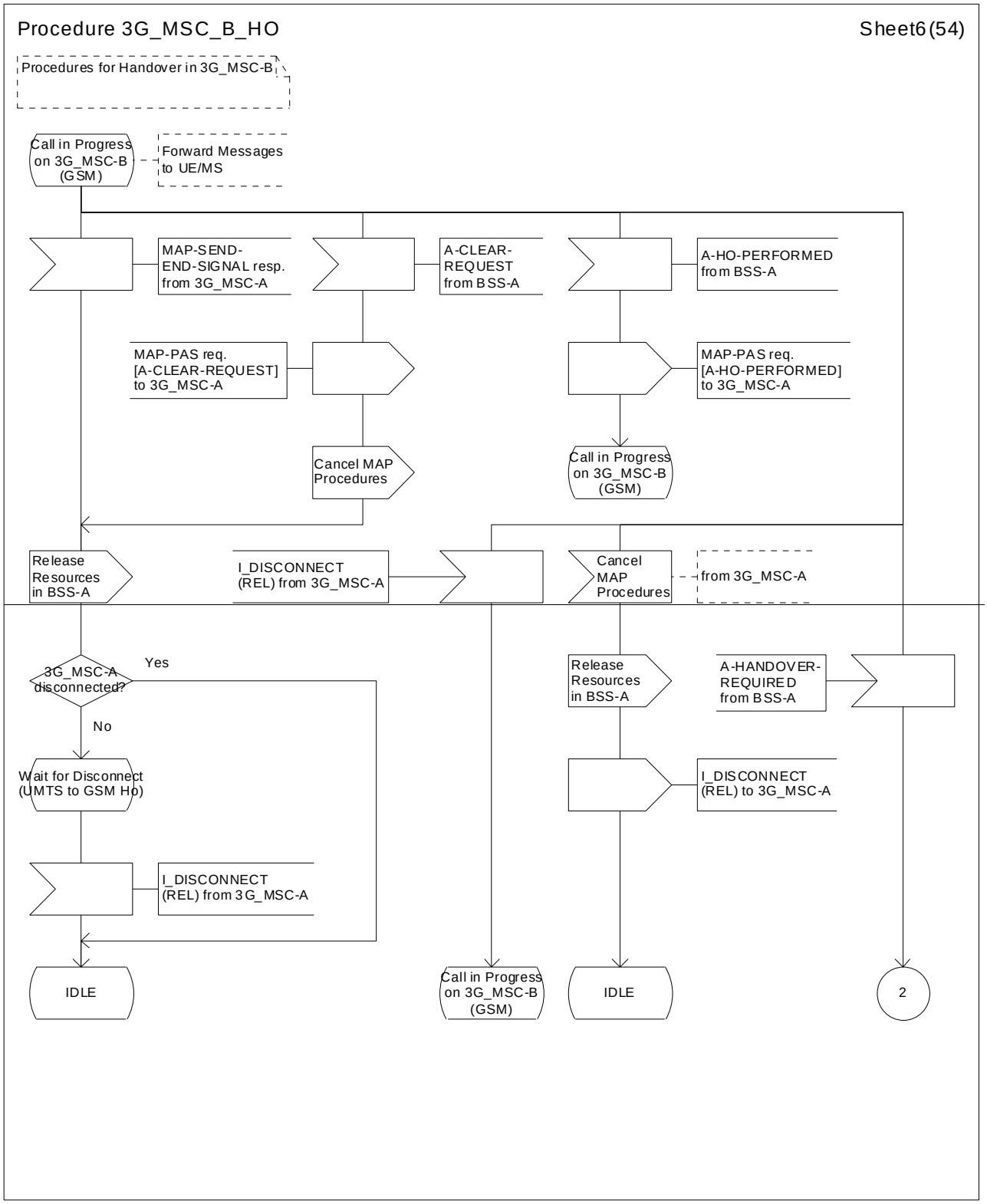

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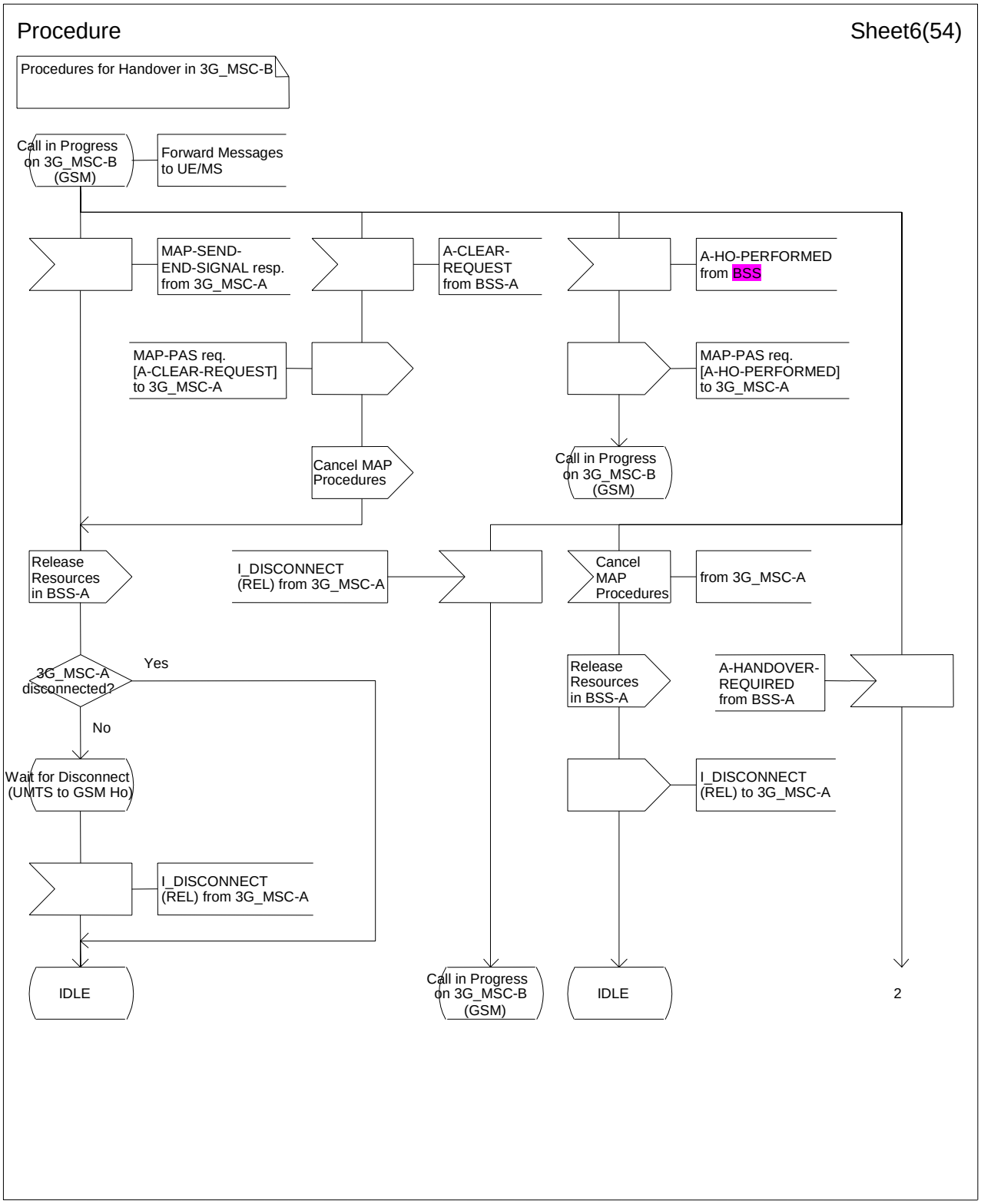

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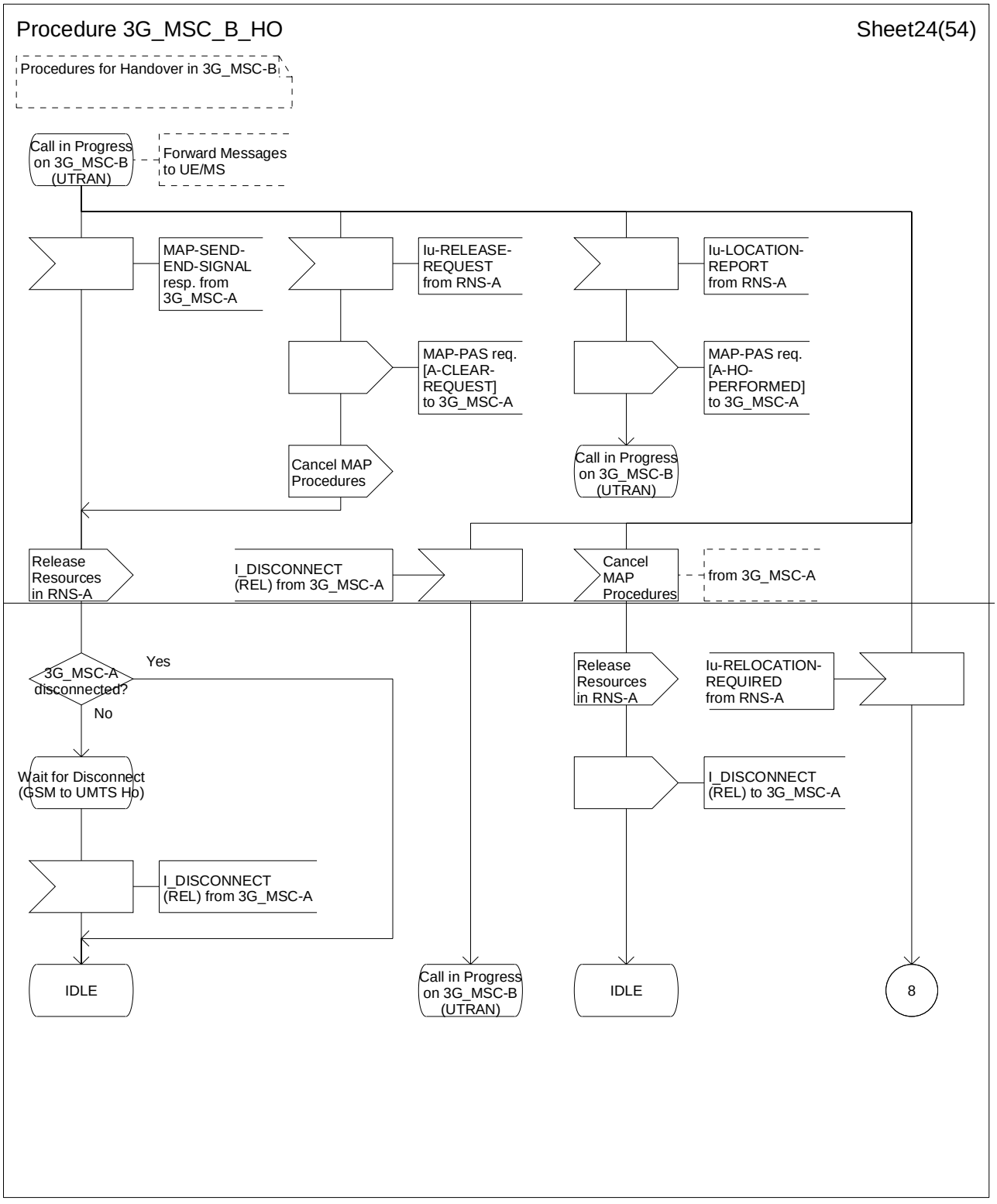

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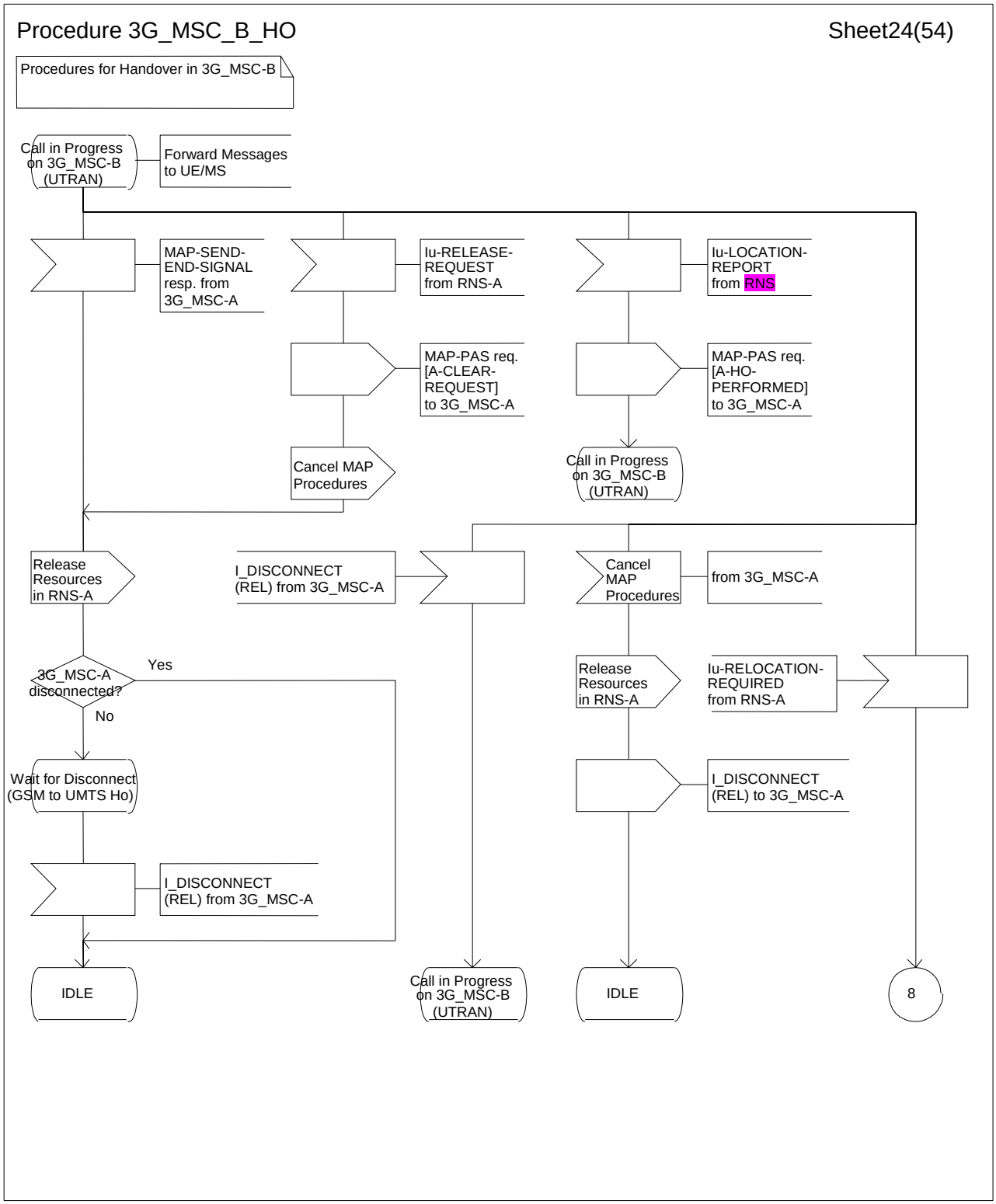

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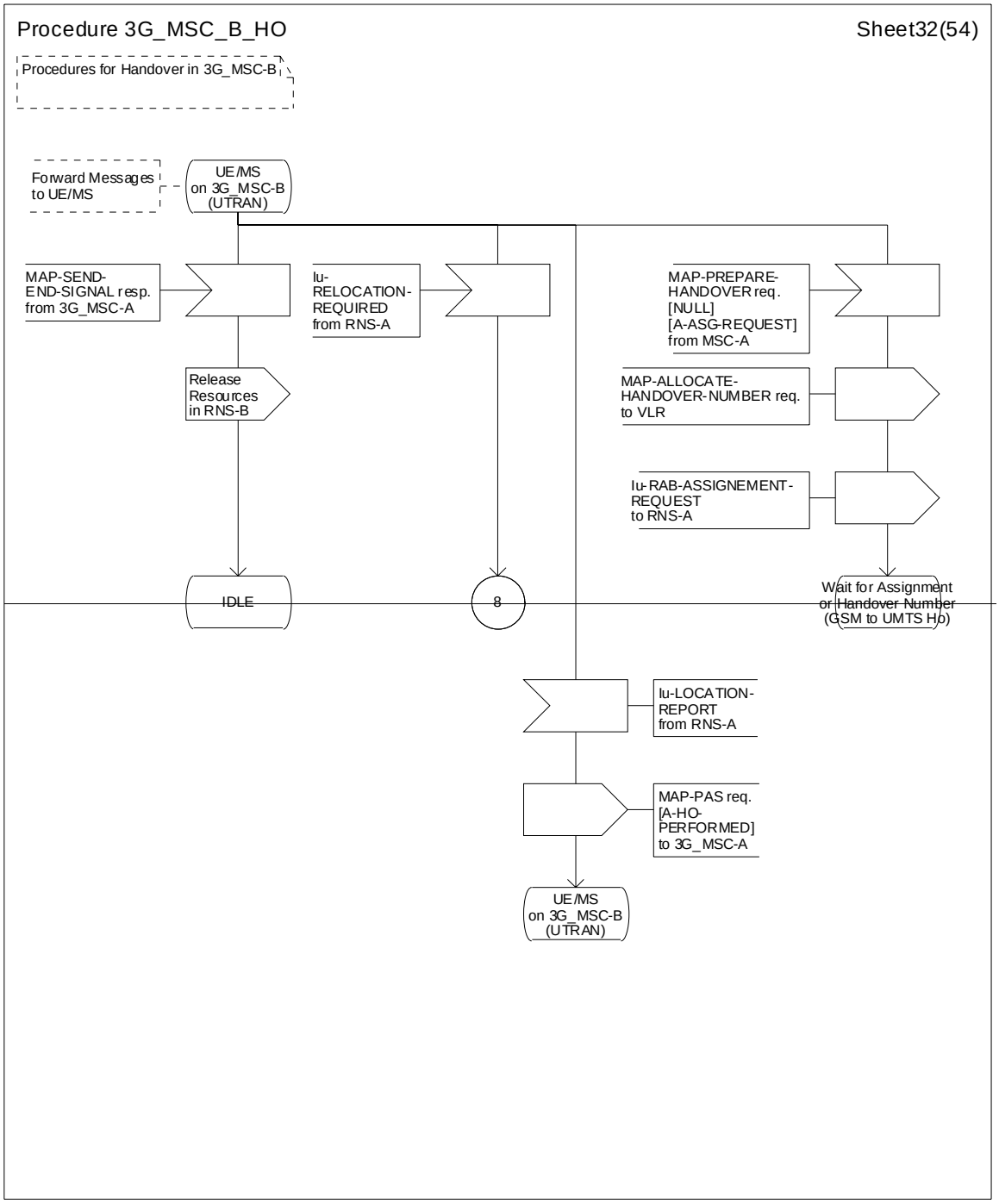

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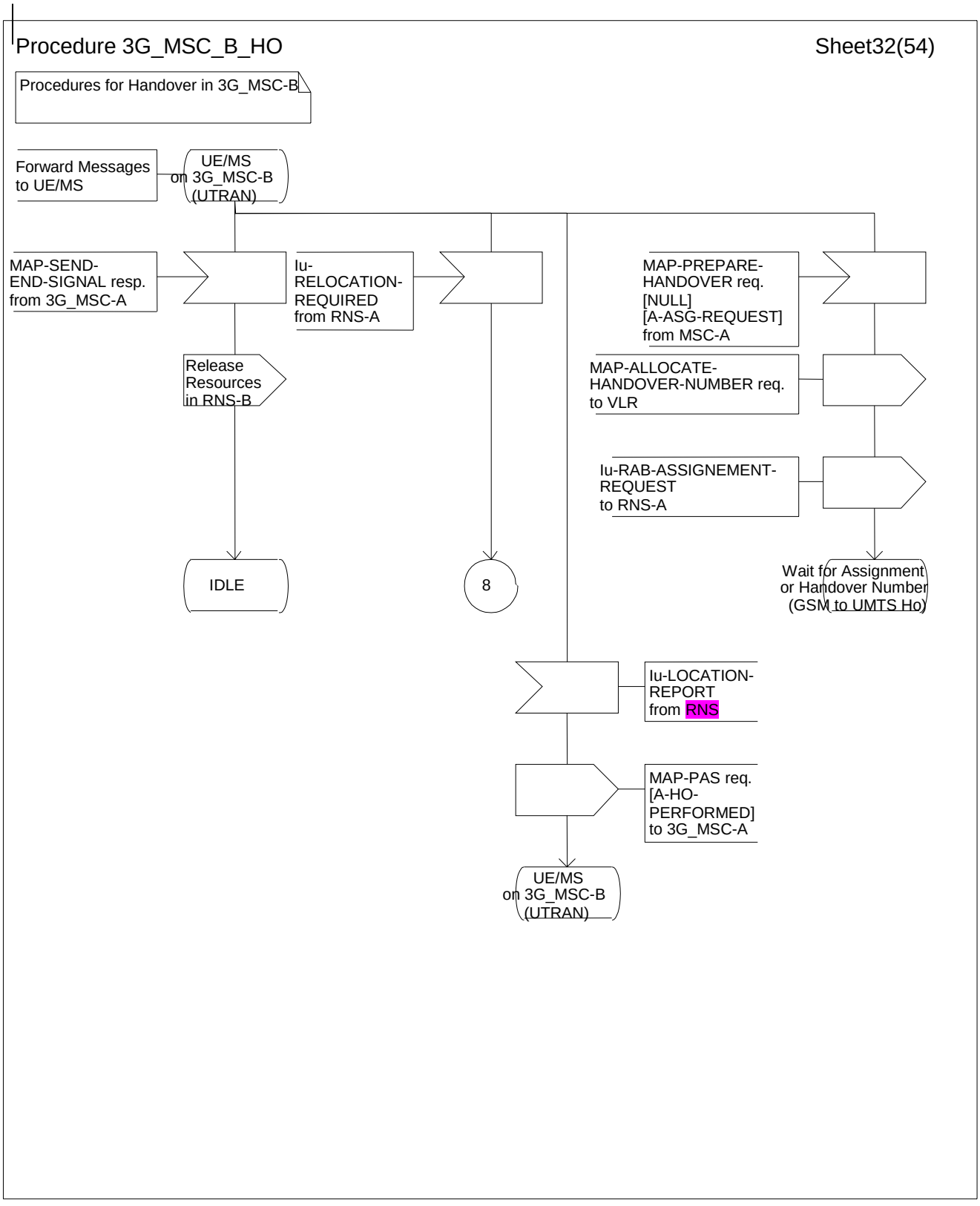
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