

Source: TSG CN WG 1
Title: CR to R99 (with mirror CR) on Work Item Handover towards 23.009
Agenda item: 7.14
Document for: APPROVAL

Introduction:

This document contains **2 CRs on R99 (with mirror CR) to Work Item "Handover"**, that have been agreed by **TSG CN WG1**, and are forwarded to TSG CN Plenary meeting #13 for approval.

Spec	CR	Rev	Doc-2nd-Level	Phase	Subject	Cat	Version-Current	Workitem
23.009	046		N1-011228	R99	Correction of SDL figures in CRs 034 and 035 (N1-010913, N1-010914)	F	3.7.0	Handover
23.009	047		N1-011229	Rel-4	Correction of SDL figures in CRs 034 and 035 (N1-010913, N1-010914)	A	4.1.0	Handover

CHANGE REQUEST

⌘ **23.009 CR 046** ⌘ rev **-** ⌘ Current version: **3.7.0** ⌘

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:	⌘ Correction of SDL figures in CRs 034 and 035 (N1-010913, N1-010914)		
Source:	⌘ Nokia		
Work item code:	⌘ Handover	Date:	⌘ 21.08.2001
Category:	⌘ F	Release:	⌘ R99
	<i>Use <u>one</u> of the following categories:</i> F (essential 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.		<i>Use <u>one</u> of the following releases:</i> 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:	⌘ After discussion in the mailing list it was pointed out that the SDL needs improvements.
Summary of change:	⌘ The SDL has been modified to make more clear that clauses a) and b) below only happen in the case when security algorithms have been changed. <i>In case of intra-3G_MSC-B SRNS relocation, if security algorithms have been changed then:</i> a) When BSSMAP is used on the E interface, the A_HANDOVER_PERFORMED message shall be sent. b) When RANAP is used on the E interface, the LOCATION REPORT message shall be sent. In both cases, the selected UMTS algorithm(s) shall be indicated in the MAP_PROCESS_ACCESS_SIGNALLING_REQUEST.
Consequences if not approved:	⌘ Possible misunderstanding.

Clauses affected:	⌘ Figure 44 (sheet 45 of 54)	
Other specs affected:	⌘ <input type="checkbox"/> Other core specifications <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications	⌘
Other comments:	⌘	

***** For information only *****

4.4 3G_MSC-B

For roles and functional composition of the 3G_MSC-B working as pure GSM MSC, please see previous clause ("MSC-B").

4.4.1 Role of 3G_MSC-B

In the Intra-3G_MSC handover/relocation case, the 3G_MSC-B keeps the control of the whole Intra-3G_MSC handover/relocation procedure. 3G_MSC-B notifies MSC-A or 3G_MSC-A of intra-3G_MSC-B InterSystem handover and intra GSM handovers, by using the A_HANDOVER_PERFORMED message.

In case of intra-3G_MSC-B SRNS relocation, if security algorithms have been changed then:

- a) When BSSMAP is used on the E interface, the A_HANDOVER_PERFORMED message shall be sent.
- b) When RANAP is used on the E interface, the LOCATION REPORT message shall be sent.

In both cases, , the selected UMTS algorithm(s) shall be indicated in the MAP_PROCESS_ACCESS_SIGNALLING_REQUEST.

***** First Modified Section *****

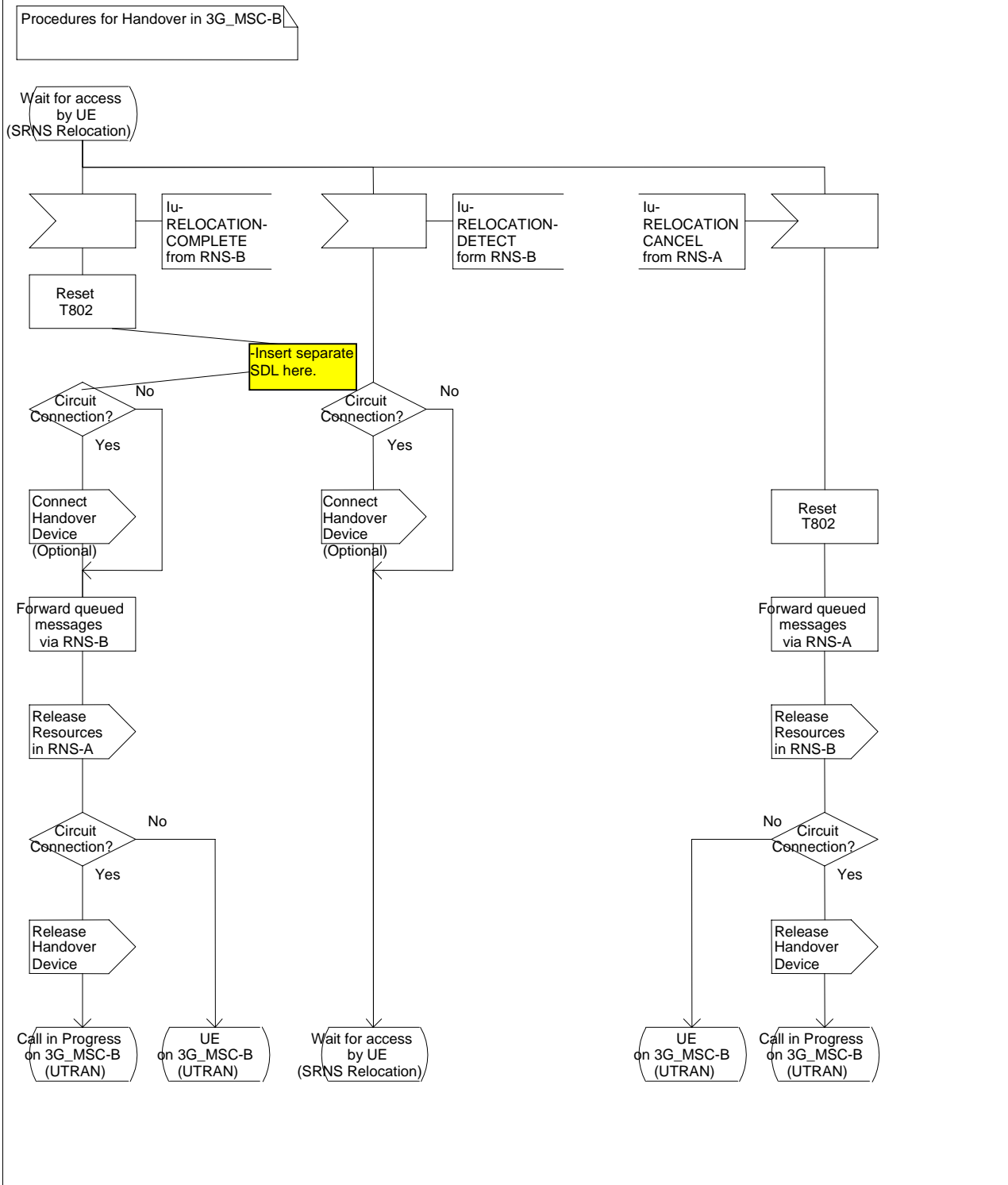
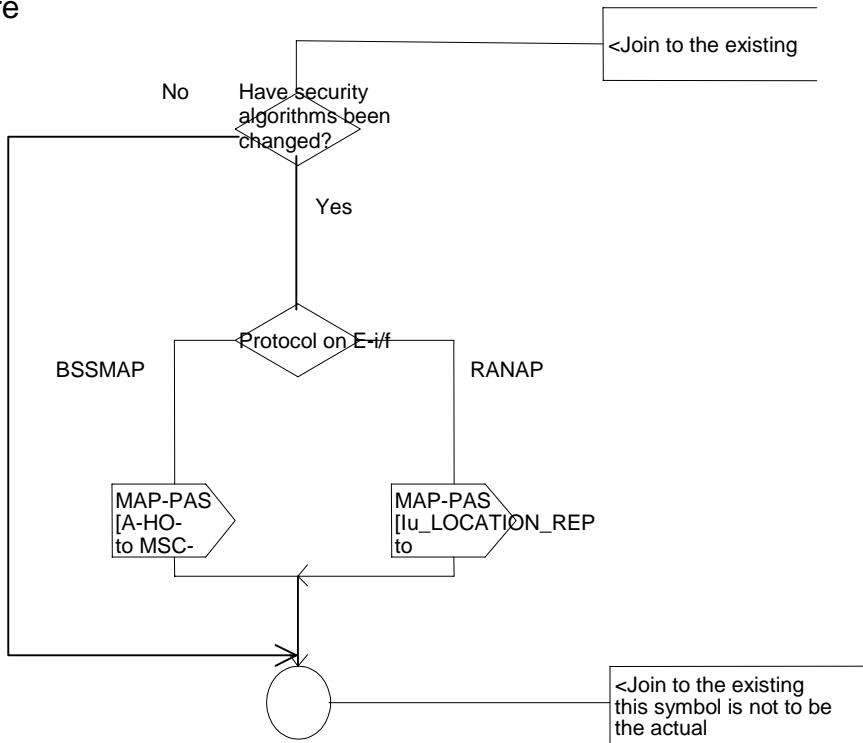


Figure 44 (sheet 45 of 54): Handover control procedure in 3G_MSC-B



<New SDL to be inserted between task box and decision diamond>

CHANGE REQUEST

⌘ **23.009 CR 047** ⌘ rev **-** ⌘ Current version: **4.1.0** ⌘

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:	⌘ Correction of SDL figures in CRs 034 and 035 (N1-010913, N1-010914)		
Source:	⌘ Nokia		
Work item code:	⌘ Handover	Date:	⌘ 21.08.2001
Category:	⌘ A	Release:	⌘ Rel-4
	<p>Use <u>one</u> of the following categories:</p> <p>F (essential correction) A (corresponds to a correction in an earlier release) B (Addition of feature), C (Functional modification of feature) D (Editorial modification)</p> <p>Detailed explanations of the above categories can be found in 3GPP TR 21.900.</p>		<p>Use <u>one</u> of the following releases:</p> <p>2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) REL-4 (Release 4) REL-5 (Release 5)</p>

Reason for change:	⌘ After discussion in the mailing list it was pointed out that the SDL needs improvements.
Summary of change:	<p>⌘ The SDL has been modified to make more clear that clauses a) and b) below only happen in the case when security algorithms have been changed.</p> <p><i>In case of intra-3G_MSC-B SRNS relocation, if security algorithms have been changed then:</i></p> <p>a) When BSSMAP is used on the E interface, the A_HANOVER_PERFORMED message shall be sent.</p> <p>b) When RANAP is used on the E interface, the LOCATION REPORT message shall be sent.</p> <p><i>In both cases, the selected UMTS algorithm(s) shall be indicated in the MAP_PROCESS_ACCESS_SIGNALLING_REQUEST.</i></p>
Consequences if not approved:	⌘ Possible misunderstanding.

Clauses affected:	⌘ Figure 44 (sheet 45 of 54)	
Other specs affected:	⌘ <input type="checkbox"/> Other core specifications ⌘ <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications	
Other comments:	⌘	

***** For information only *****

4.4 3G_MSC-B

For roles and functional composition of the 3G_MSC-B working as pure GSM MSC, please see previous clause ("MSC-B").

4.4.1 Role of 3G_MSC-B

In the Intra-3G_MSC handover/relocation case, the 3G_MSC-B keeps the control of the whole Intra-3G_MSC handover/relocation procedure. 3G_MSC-B notifies MSC-A or 3G_MSC-A of intra-3G_MSC-B InterSystem handover and intra GSM handovers, by using the A_HANDOVER_PERFORMED message.

In case of intra-3G_MSC-B SRNS relocation, if security algorithms have been changed then:

- a) When BSSMAP is used on the E interface, the A_HANDOVER_PERFORMED message shall be sent.
- b) When RANAP is used on the E interface, the LOCATION REPORT message shall be sent.

In both cases, , the selected UMTS algorithm(s) shall be indicated in the MAP_PROCESS_ACCESS_SIGNALLING_REQUEST.

***** First Modified Section *****

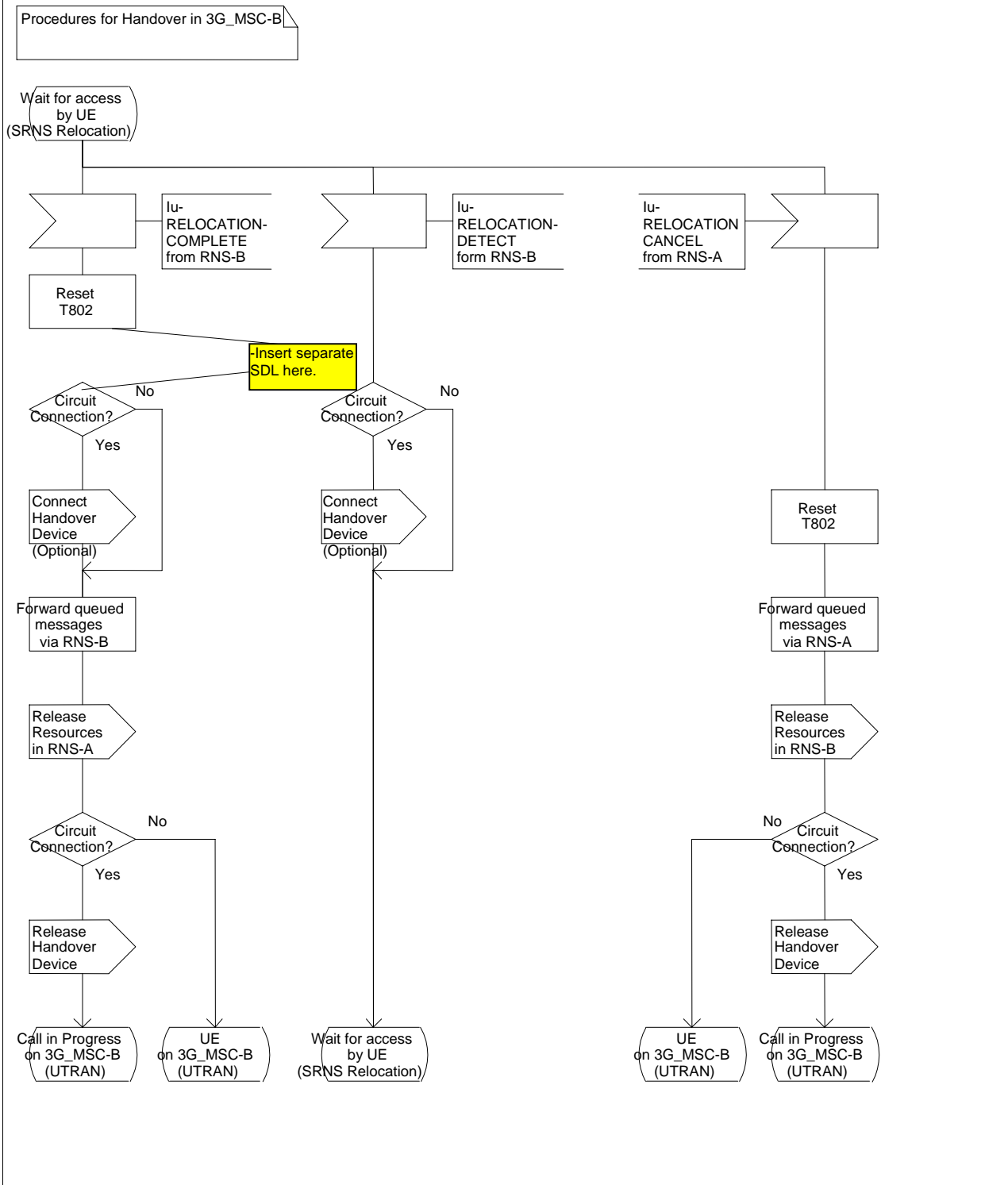
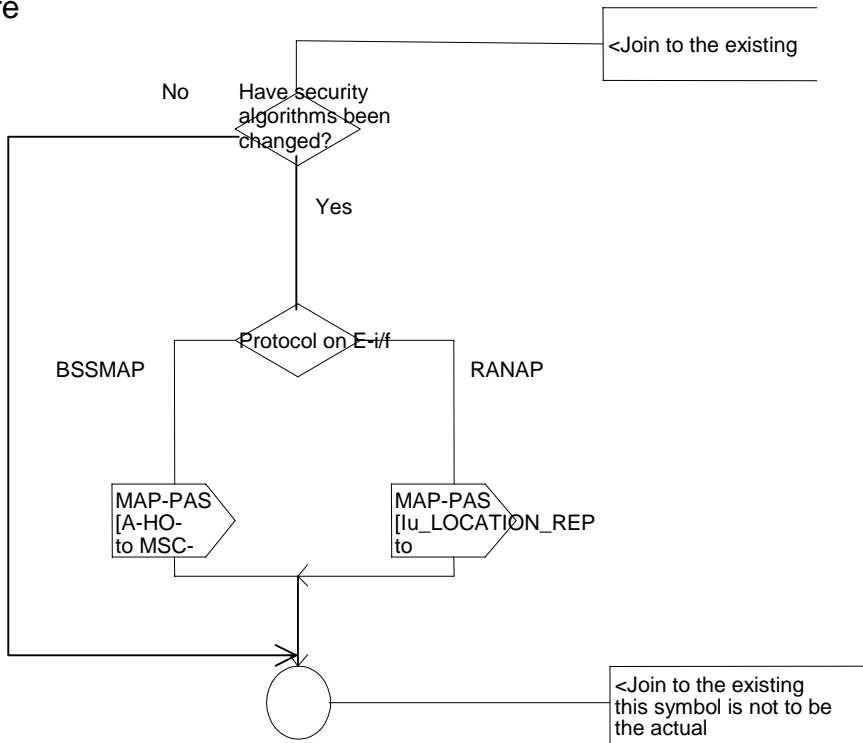


Figure 44 (sheet 45 of 54): Handover control procedure in 3G_MSC-B



<New SDL to be inserted between task box and decision diamond>