

Source: CT3
Title: CRs to Rel-5 (and mirror) to Work Item SCUDIF
Agenda item: 8.7
Document for: APPROVAL

Introduction:

This document contains 2 CRs to Rel-5 (and mirror) on Work Item “SCUDIF” that have been agreed by TSG CT WG3, and are forwarded to TSG CT Plenary for approval.

WG_tdoc	Spec	CR	R	Cat	Title	Rel	C_Ver	Work Item
C3-050389	23.172	035	1	F	Wrong Bearer Capability in MODIFY REJECT message	Rel-5	5.5.0	SCUDIF
C3-050390	23.172	036	1	A	Wrong Bearer Capability in MODIFY REJECT message	Rel-6	6.2.0	SCUDIF

3GPP TSG-CT WG3 Meeting #36
Cancun, Mexico. 25th - 29th April 2005.

Tdoc # C3-050389
Revision of C3-050280

CR-Form-v7.1

CHANGE REQUEST

TS23.172 CR 035 # rev **1** # Current version: **5.5.0**

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

Proposed change affects: UICC apps# ME Radio Access Network Core Network

Title:	# Correction to figure 4.3.5.2/1, wrong Bearer Capability in MODIFY REJECT-message		
Source:	# Nokia		
Work item code:	# SCUDIF	Date:	# 25/04/2005
Category:	# F	Release:	# Rel-5
	<i>Use one of the following categories:</i> 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 .		<i>Use one of the following releases:</i> Ph2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6) Rel-7 (Release 7)

Reason for change:	# in TS 24.008 v. 5.12.0 in section 5.3.4.3.4.2 is stated: If the mobile station cannot support the change to the requested call mode, the mobile station shall: release any resources which had been reserved for the alternation; send a MODIFY REJECT message with the old bearer capability and cause # 58 "bearer capability not presently available", and enter the "active" state. InTS 23.172 in figure 4.3.5.2/1 the Modify Reject-message has the bearer capability for MuMe although it should be for speech. Modify Bearer Request and Modify Bearer Acknowledge messages are shown in figure 4.3.5.2/1 to be sent between MSC-A and MGW-B, but the correct elements would be MGW-A and MGW-B.
Summary of change:	# The Bearer Capability in the Modify Reject-message is corrected to be speech instead of MuMe. The Modify Bearer Request/Ack messages are corrected to be sent between MGW-A and MGW-B.
Consequences if not approved:	# There is an inconsistency between the specifications TS 24.008 and TS 23.172, as well as inside TS 23.172 between different figures.

Clauses affected:	# 4.3.5.2								
Other specs affected:	<table style="display: inline-table; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 2px; text-align: center;">Y</td> <td style="border: 1px solid black; padding: 2px; text-align: center;">N</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px; text-align: center;">#</td> <td style="border: 1px solid black; padding: 2px; text-align: center;">X</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px; text-align: center;">#</td> <td style="border: 1px solid black; padding: 2px; text-align: center;">X</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px; text-align: center;">#</td> <td style="border: 1px solid black; padding: 2px; text-align: center;">X</td> </tr> </table> Other core specifications # Test specifications # O&M Specifications #	Y	N	#	X	#	X	#	X
Y	N								
#	X								
#	X								
#	X								

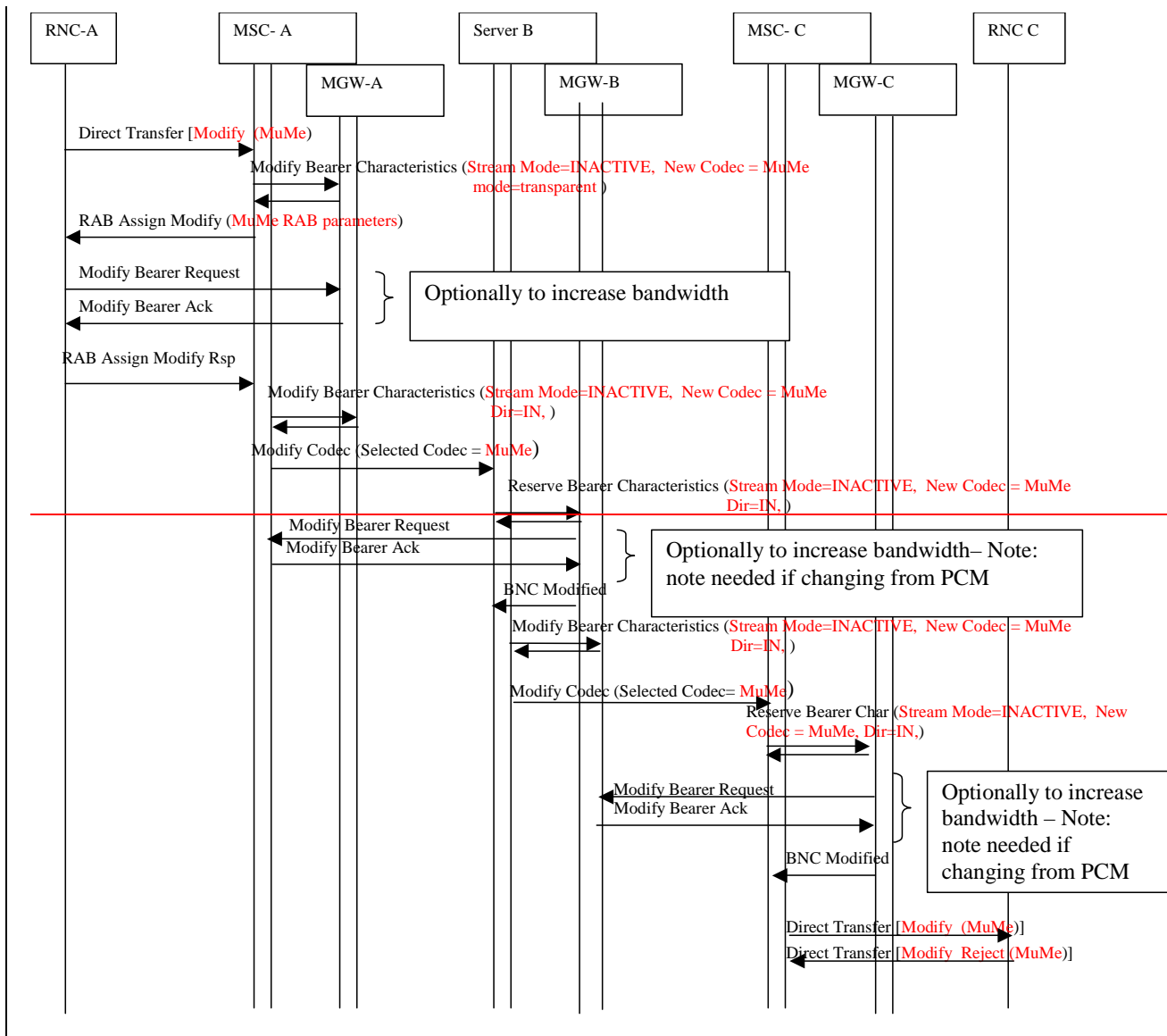
Other comments: ☹

4.3.5.2 Unsuccessful Service Change

In the case the service change is denied by the UE at the terminating side, the procedures for the unsuccessful Codec Modification as defined in [2] shall be applied to revert to the old medium (speech or multimedia).

The through-connection of terminations shall be performed as described in Subclause 4.3.5.1. The "Codec Modification Failure" message shall interact with the "Modify Bearer Characteristics" procedure and the "Confirm Bearer Characteristics" procedure in the same way as the "Successful Codec Modification" message.

An example sequence is shown in Figure 4.3.5.2/1 to 4.3.5.2/2.



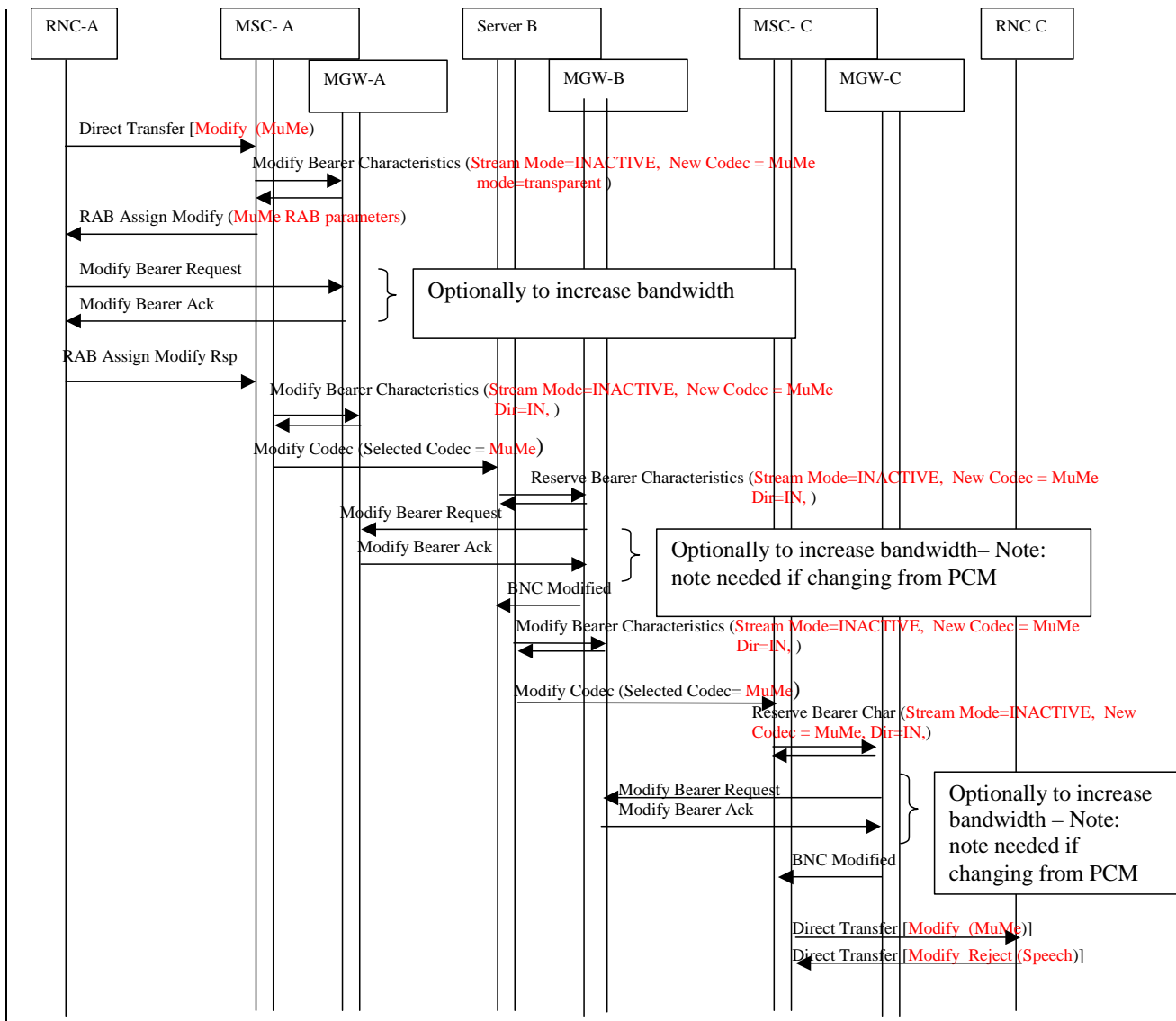


Figure 4.3.5.2/1:Service Change Rejected

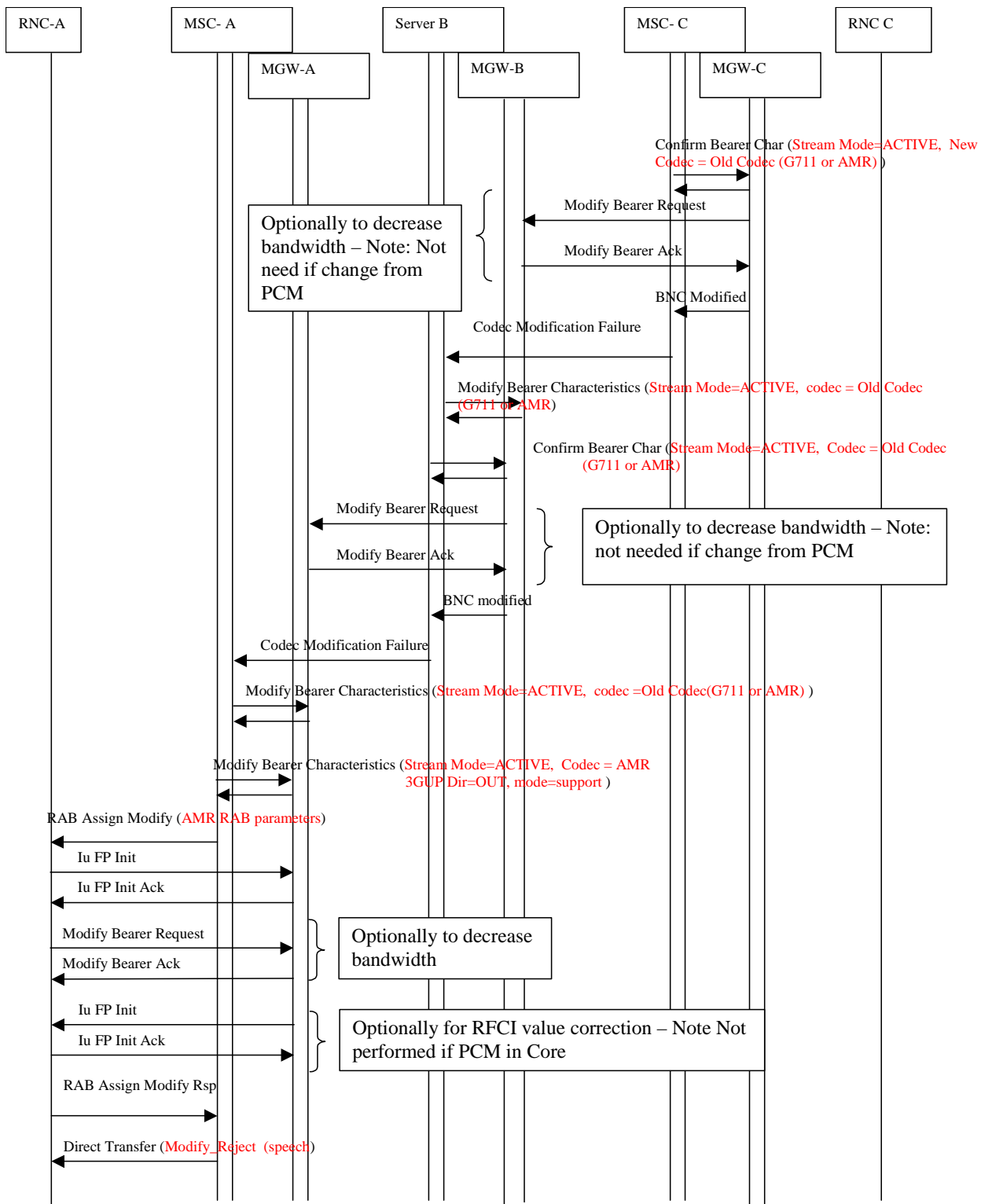


Figure 4.3.5.2/2: Service Change Rejected (Continued)

3GPP TSG-CT WG3 Meeting #36
Cancun, Mexico. 25th - 29th April 2005.

Tdoc # C3-050390
Revision of C3-050281

CR-Form-v7.1

CHANGE REQUEST

⌘ TS23.172 CR 036 ⌘ rev 1 ⌘ Current version: 6.2.0 ⌘

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

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title: ⌘ Correction to figure 4.3.5.2/1, wrong Bearer Capability in MODIFY REJECT-message

Source: ⌘ Nokia

Work item code: ⌘ SCUDIF **Date:** ⌘ 25/04/2005

Category: ⌘ **A** **Release:** ⌘ Rel-6

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:
Ph2 (GSM Phase 2)
R96 (Release 1996)
R97 (Release 1997)
R98 (Release 1998)
R99 (Release 1999)
Rel-4 (Release 4)
Rel-5 (Release 5)
Rel-6 (Release 6)
Rel-7 (Release 7)

Reason for change: ⌘ in TS 24.008 v. 6.7.0 in section 5.3.4.3.4.2 is stated:

If the mobile station cannot support the change to the requested call mode, the mobile station shall: release any resources which had been reserved for the alternation; send a MODIFY REJECT message with the old bearer capability and cause # 58 "bearer capability not presently available", and enter the "active" state.

In TS 23.172 in figure 4.3.5.2/1 the Modify Reject-message has the bearer capability for MuMe although it should be for speech.
[Modify Bearer Request and Modify Bearer Acknowledge messages are shown in figure 4.3.5.2/1 to be sent between MSC-A and MGW-B, but the correct elements would be MGW-A and MGW-B.](#)

Summary of change: ⌘ The Bearer Capability in the Modify Reject-message is corrected to be speech instead of MuMe. [The Modify Bearer Request/Ack messages are corrected to be sent between MGW-A and MGW-B.](#)

Consequences if not approved: ⌘ There is an inconsistency between the specifications TS 24.008 and TS 23.172, as well as inside TS 23.172 between different figures.

Clauses affected: ⌘ 4.3.5.2

Other specs affected: ⌘

Y	N
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Other core specifications ⌘

Test specifications ⌘

O&M Specifications ⌘

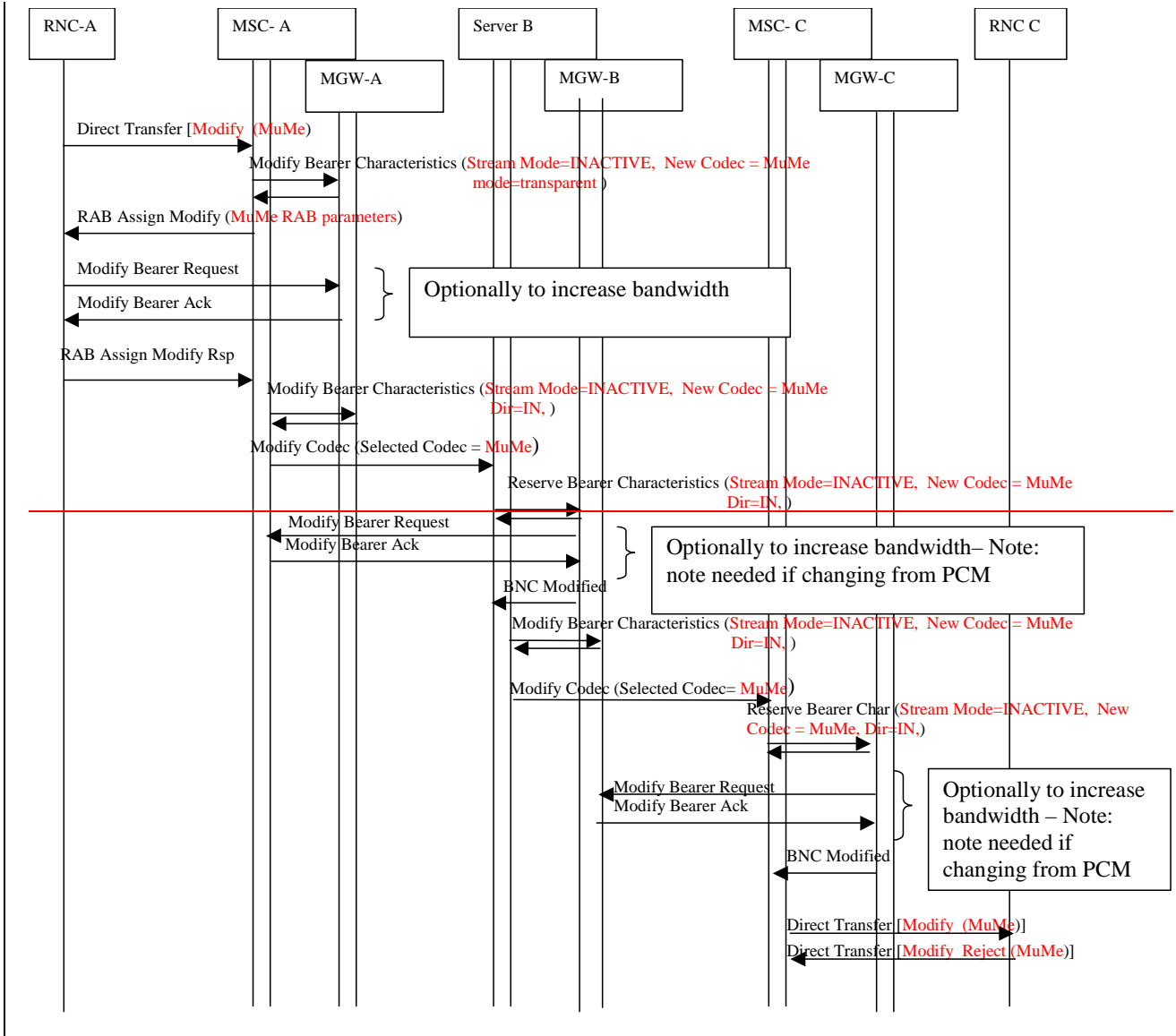
Other comments: ☞

4.3.5.2 Unsuccessful Service Change

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An example sequence is shown in Figure 4.3.5.2/1 to 4.3.5.2/2.



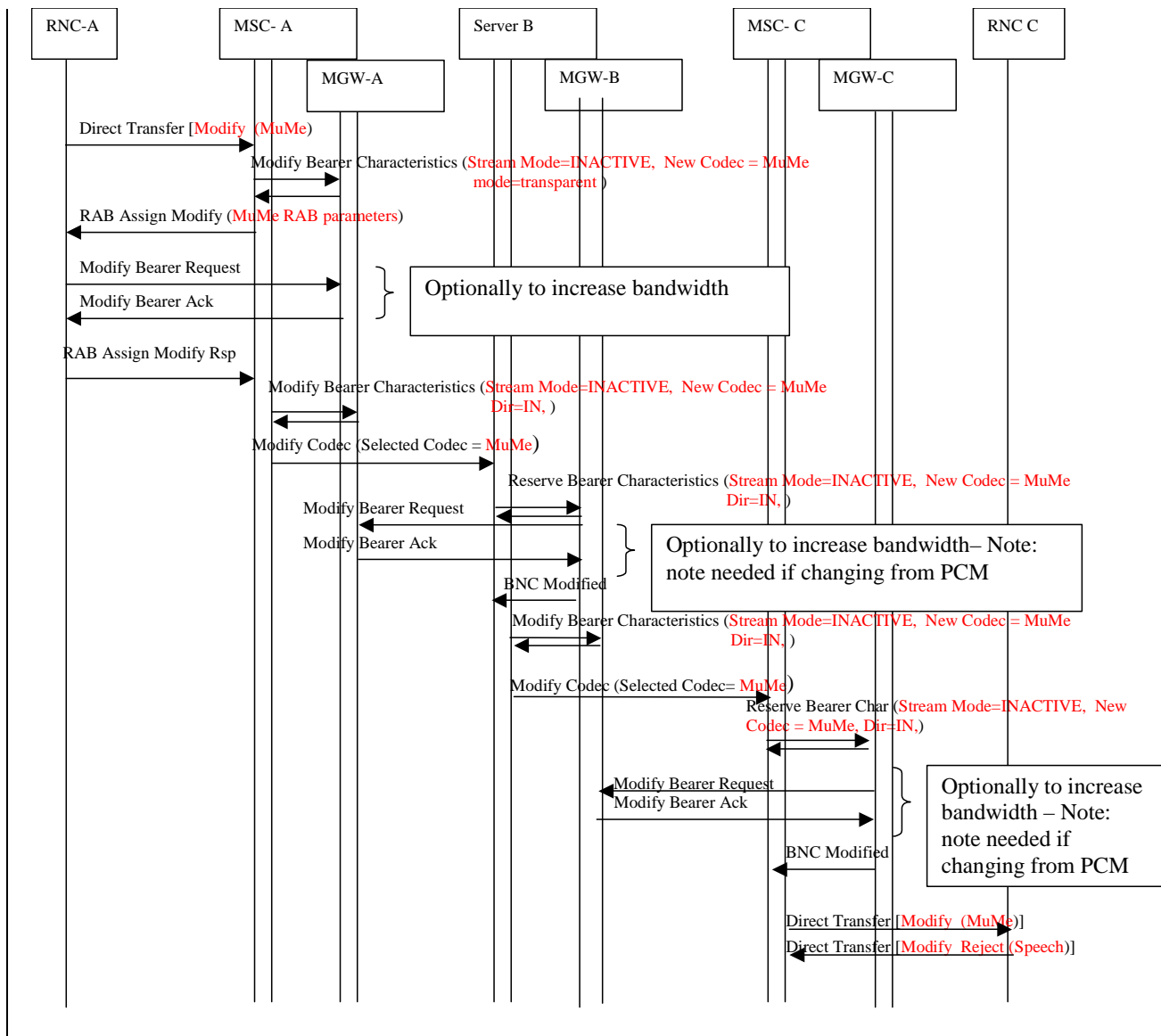


Figure 4.3.5.2/1: Service Change Rejected

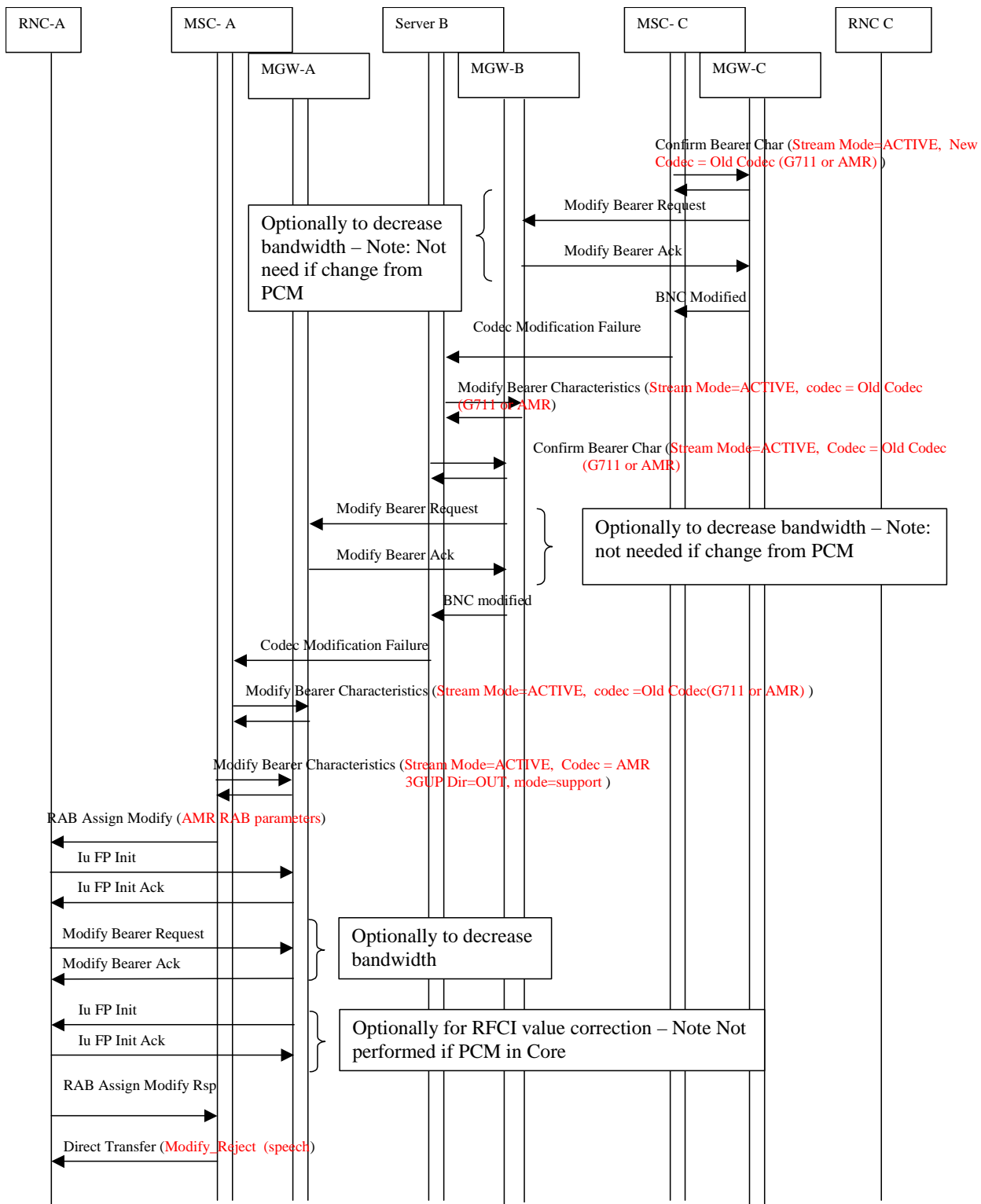


Figure 4.3.5.2/2: Service Change Rejected (Continued)