3GPP TSG_CN
Plenary Meeting #9, Oahu, Hawaii
20th – 22nd September 2000.

Tdoc NP-000482

Source: TSG_N WG 4

Title: CRs to R97 and R98 Work Item CAMEL Phase 2

Agenda item:

Document for: APPROVAL

Introduction:

This document contains 2 CRs on R97 and R98 Work Item CAMEL Phase 2, that have been agreed by TSG_N WG4, and is forwarded to TSG_N Plenary meeting #9 for approval.

SM	TDoc	SPEC	CR	REV	PHAS	VERS	SUBJECT	CAT
CN9	N4-000768	03.18	A062	1	R97	6.5.0	Correction of Obtain_Routeing_Address for the	F
CN9	N4-000769	03.18	A063	1	R98	7.3.0	Correction of Obtain_Routeing_Address for the	A

3GPP TSG-N4 #4
Seattle, USA, 28 Aug - 1 Sep 2000

Tdoc 3GPP N4-000768

3GPP TSG-N2 #4
Seattle, USA, 28 Aug - 1 Sep 2000

Tdoc 3GPP N2-000430

CHANGE REQUEST

03.18	CR	A062r1	Current Version:	6.6.0

For submission to:	TSG-CN#09	for approval	X	strategic	
		for information		non-strategic	X

Proposed change affects:	(U)SIM		ME		UTRAN / Radio		Core Network	X

Source: N4 **Date:** 31st August 2000

Subject: Correction of procedure Obtain_Routeing_Address for the reconnect case

Work item: CAMEL Phase 2

Category:

F	Correction	X	
A	Corresponds to a correction in an earlier release		
B	Addition of feature		
C	Functional modification of feature		
D	Editorial modification		

Release:

Phase 2	
Release 96	
Release 97	X
Release 98	
Release 99	
Release 00	

Reason for change: If the CAMEL processing leads to a redirection of the call to a different destination, this has to be made visible to the procedure CAMEL_MT_GMSC_INIT

Clauses affected: Figure 36b

Other specs affected:

Other 3G core specifications		→ List of CRs:
Other GSM core specifications		→ List of CRs:
MS test specifications		→ List of CRs:
BSS test specifications		→ List of CRs:
O&M specifications		→ List of CRs:

Other comments: Figures 36a, 36c and 36d are included unchanged for information

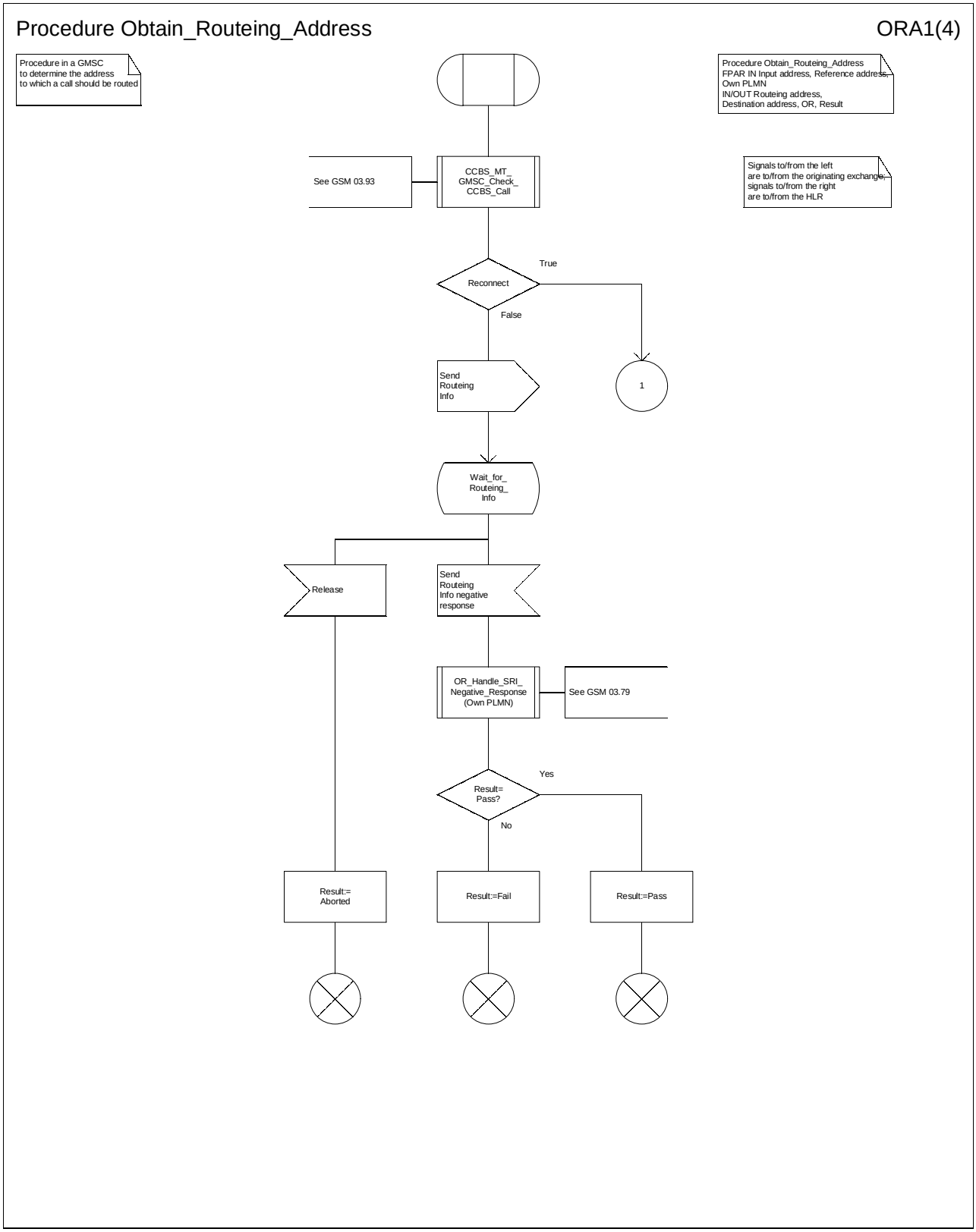
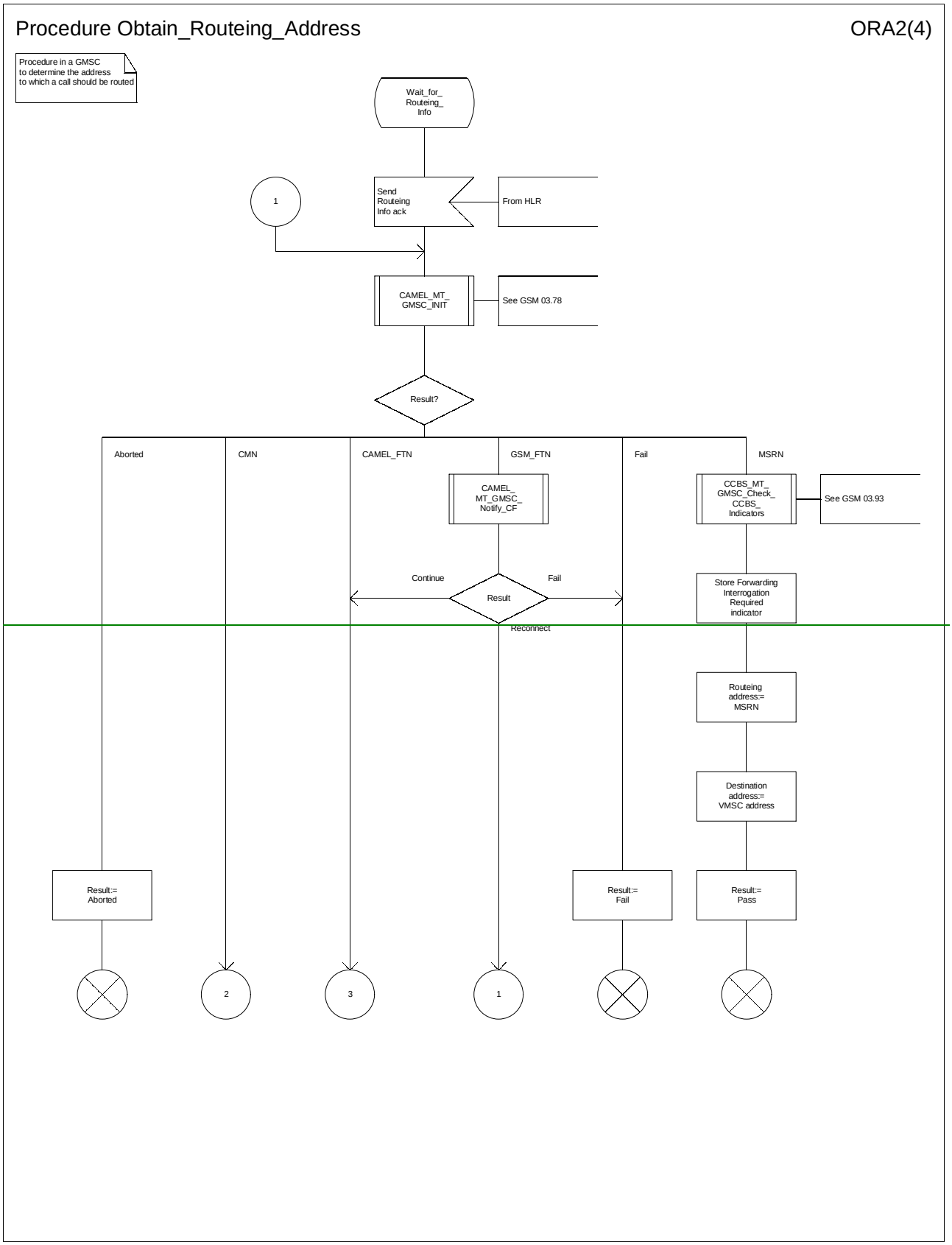


Figure 36a: Procedure Obtain_Routeing_Address (sheet 1)


Procedure Obtain_Routeing_Address
ORA2(4)
Procedure in a GMSC to determine the address to which a call should be routed
Wait_for_ Routeing_ Info
1
Send Routeing Info ack
From HLR
CAMEL_MT_ GMSC_INIT
See GSM 03.78
Result?
Aborted
CMN
CAMEL_FTN
GSM_FTN
Fail
MSRN
CAMEL_ MT_GMSC_ Notify_CF
CCBS_MT_ GMSC_Check_ CCBS_ Indicators
See GSM 03.93
Continue
Result
Fail
Store Forwarding Interrogation Required indicator
Reconnect
Routeing address:= MSRN
Destination address:= VMSC address
Result:= Aborted
Result:= Fail
Result:= Pass
2
3
1

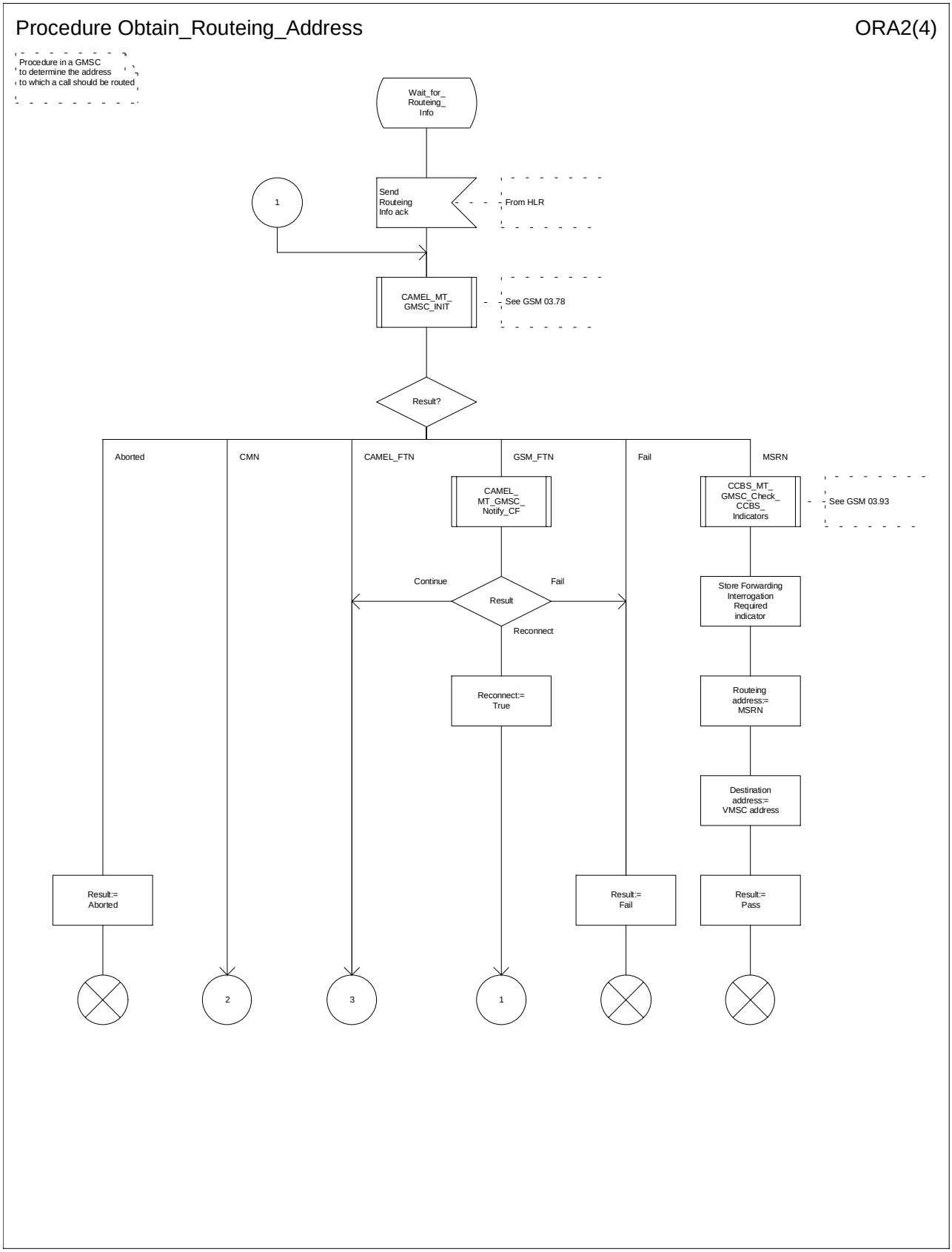


Figure 36b: Procedure Obtain_Routeing_Address (sheet 2)

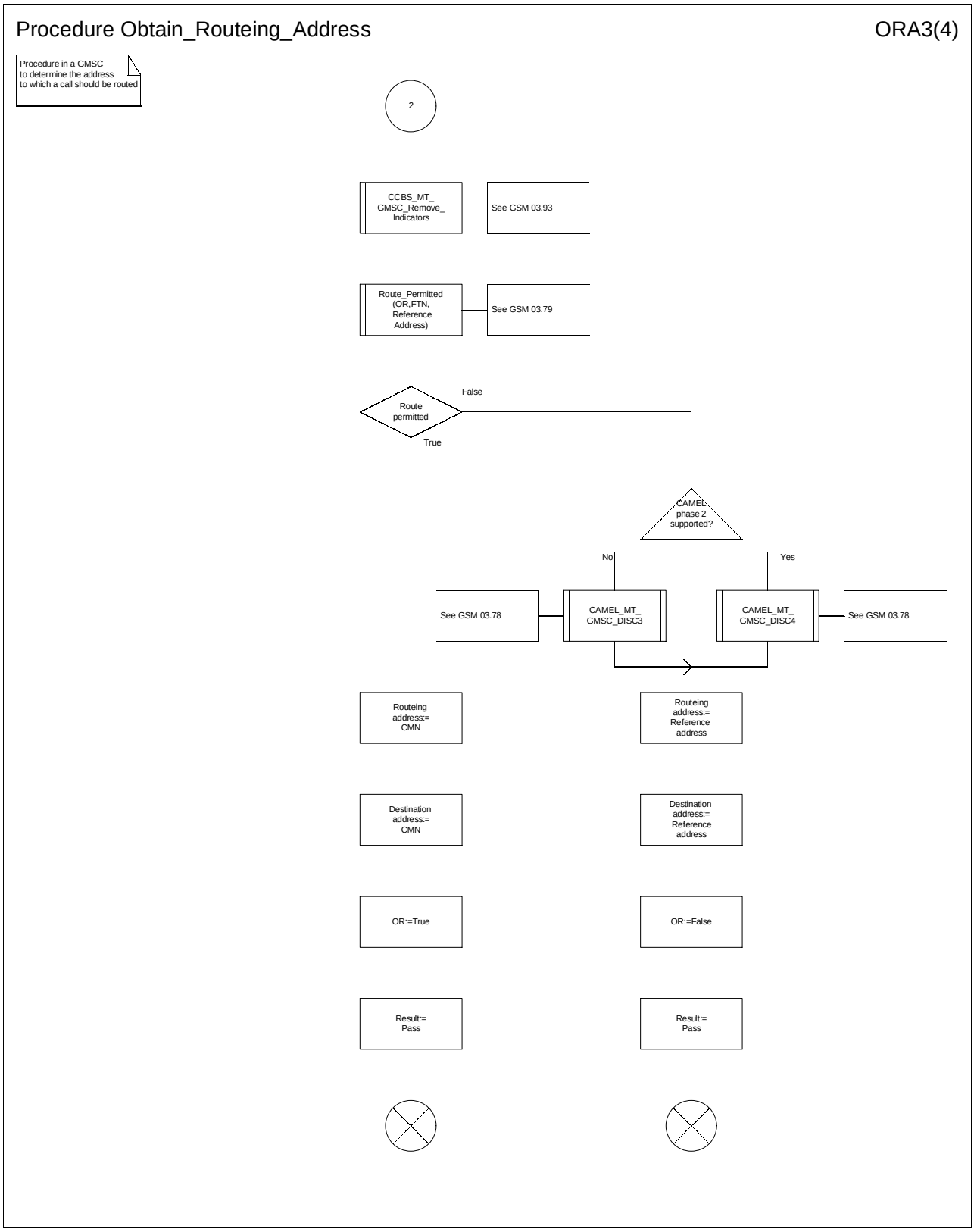


Figure 36c: Procedure Obtain_Routeing_Address (sheet 3)

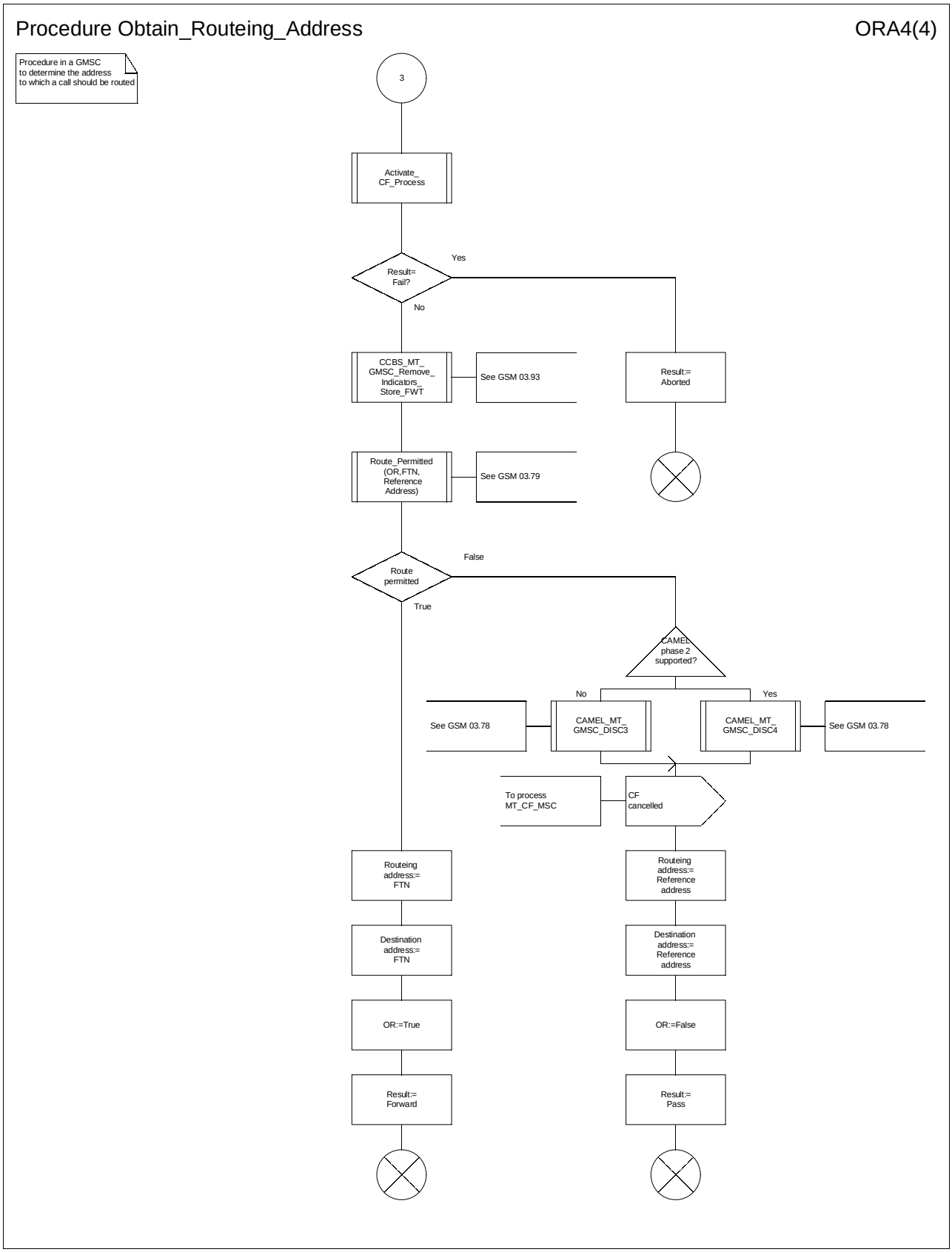


Figure 36d: Procedure Obtain_Routeing_Address (sheet 4)

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3GPP TSG-N4 #4
Seattle, USA, 28 Aug - 1 Sep 2000

Tdoc 3GPP N4-000769

3GPP TSG-N2 #4
Seattle, USA, 28 Aug - 1 Sep 2000

Tdoc 3GPP N2-000431

CHANGE REQUEST

03.18	CR	A063r1	Current Version:	7.3.0

For submission to:	TSG-N#09	for approval	X	strategic	
		for information		non-strategic	X

Proposed change affects:	(U)SIM		ME		UTRAN / Radio		Core Network	X

Source: N4 **Date:** 31st August 2000

Subject: Corection of procedure Obtain_Routeing_Address for the reconnect case

Work item: CAMEL Phase 2

Category:

F	Correction		
A	Corresponds to a correction in an earlier release	X	
B	Addition of feature		
C	Functional modification of feature		
D	Editorial modification		

Release:

Phase 2	
Release 96	
Release 97	
Release 98	X
Release 99	
Release 00	

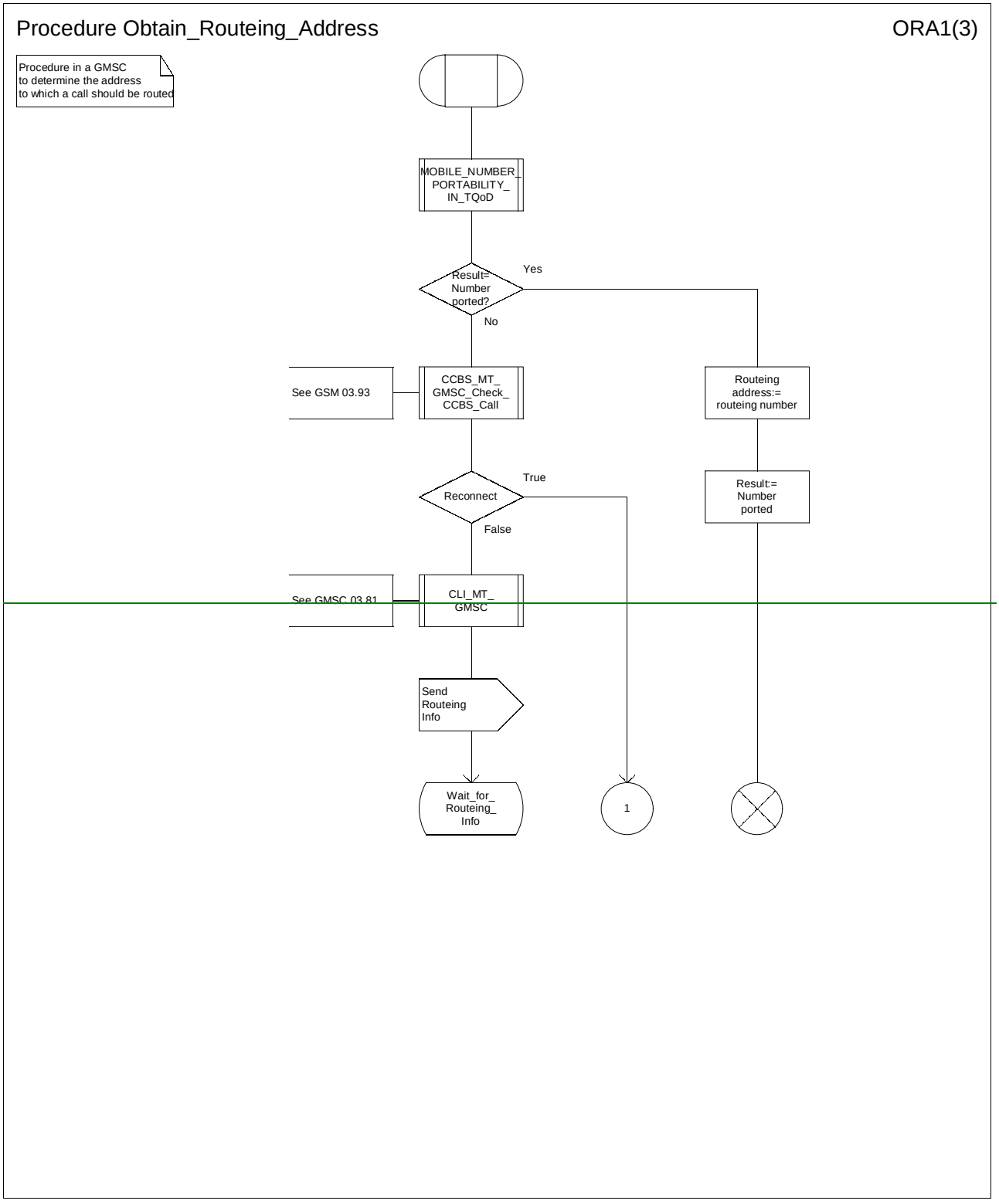
Reason for change: If the CAMEL processing leads to a redirection of the call to a different destination, this has to be made visible to the procedure CAMEL_MT_GMSC_INIT

Clauses affected: Figures 36a, 36b, 36d

Other specs affected:

Other 3G core specifications		→ List of CRs:
Other GSM core specifications		→ List of CRs:
MS test specifications		→ List of CRs:
BSS test specifications		→ List of CRs:
O&M specifications		→ List of CRs:

Other comments: An editorial change (the move of the procedure declaration from figure 36b to figure 36a) is also included.
Figure 36c is included unchanged for information


Procedure Obtain_Routeing_Address
ORA1(3)
Procedure in a GMSC to determine the address to which a call should be routed
MOBILE_NUMBER_PORTABILITY_IN_TQoD
Result= Number ported?
Yes
No
See GSM 03.93
CCBS_MT_GMSC_Check_CCBS_Call
Routeing address:= routeing number
Reconnect
True
False
Result:= Number ported
See GMSC 03.81
CLI_MT_GMSC
Send Routeing Info
Wait_for_Routeing_Info
1

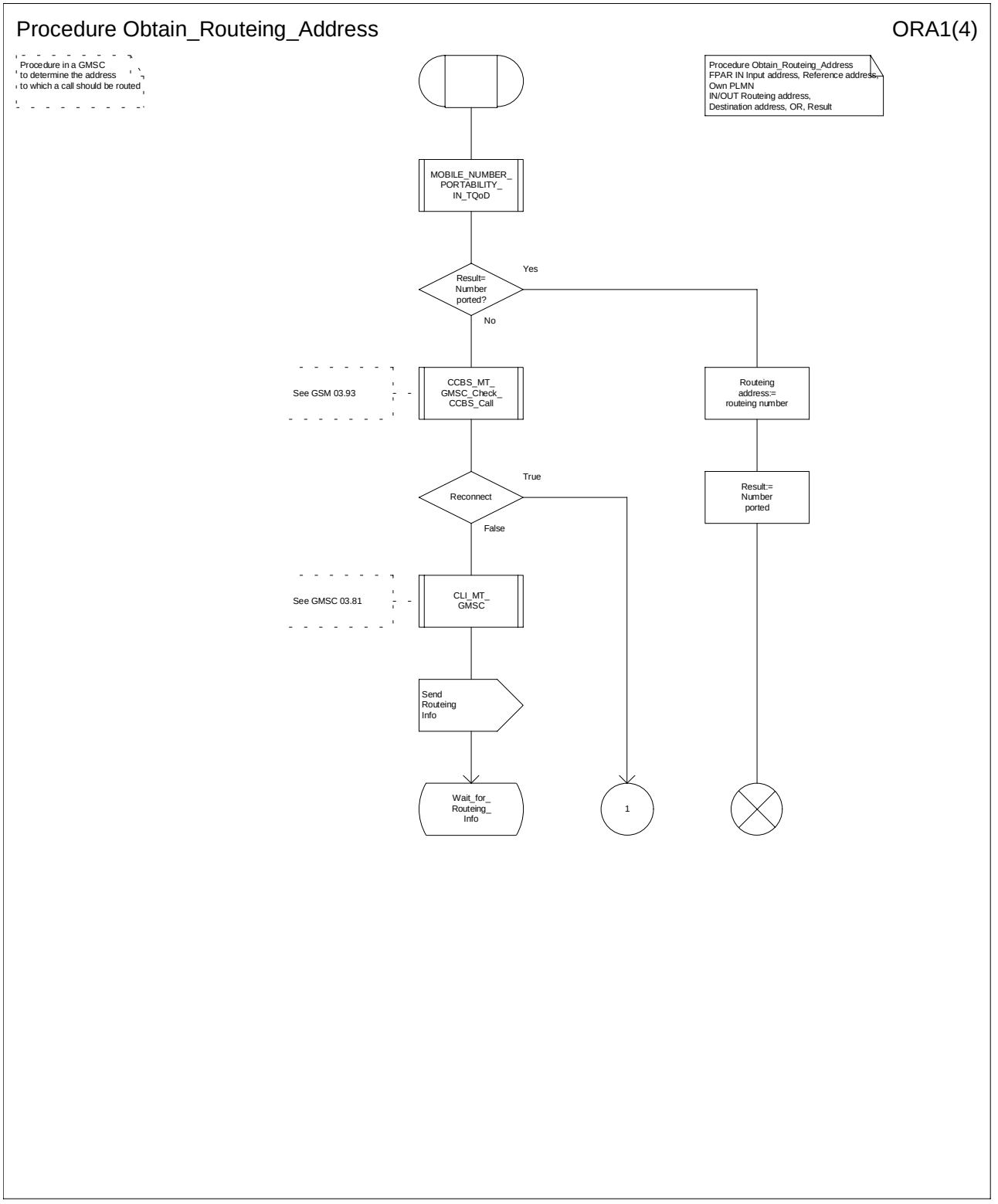
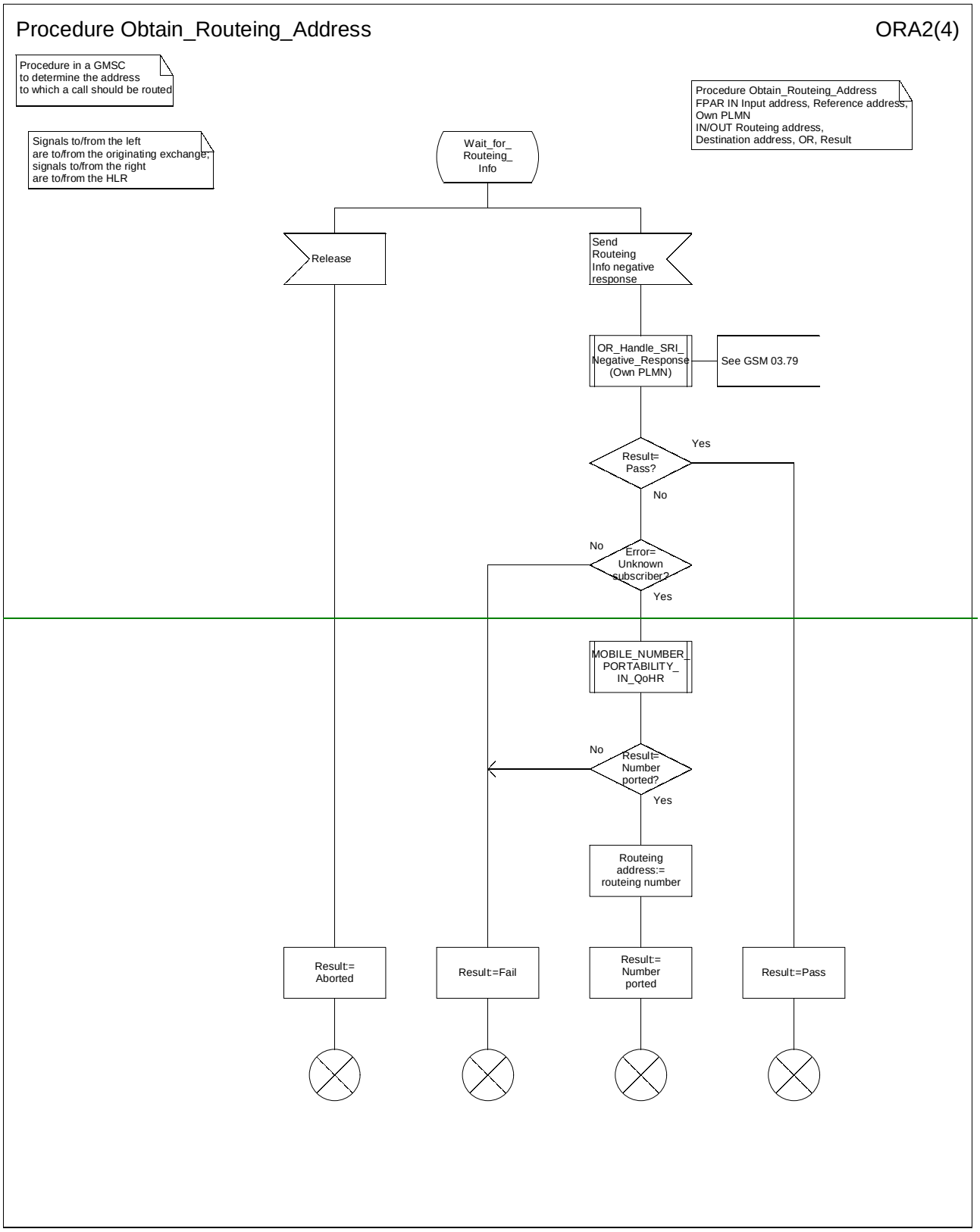


Figure 36a: Procedure Obtain_Routeing_Address (sheet 1)


Procedure Obtain_Routeing_Address
ORA2(4)
Procedure in a GMSC to determine the address to which a call should be routed
Signals to/from the left are to/from the originating exchange, signals to/from the right are to/from the HLR
Procedure Obtain_Routeing_Address
FPAR IN Input address, Reference address, Own PLMN
IN/OUT Routeing address,
Destination address, OR, Result
Wait_for_ Routeing_ Info
Release
Send Routeing Info negative response
OR_Handle_SRI_ Negative_Response (Own PLMN)
See GSM 03.79
Result= Pass?
Yes
No
Error= Unknown subscriber?
No
Yes
MOBILE_NUMBER_ PORTABILITY_ IN_QoHR
Result= Number ported?
No
Yes
Routeing address:= routeing number
Result:= Aborted
Result:=Fail
Result:= Number ported
Result:=Pass

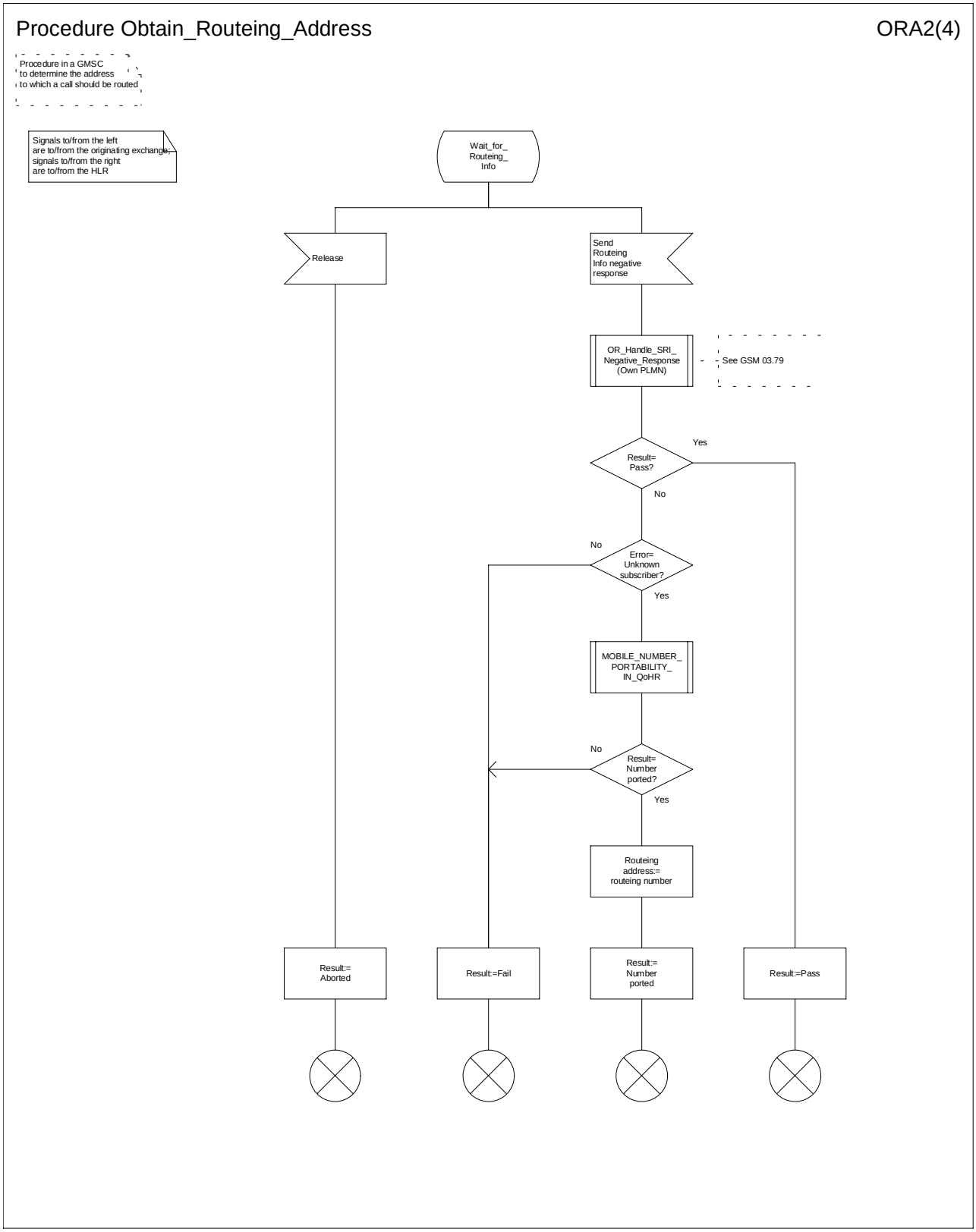


Figure 36b: Procedure Obtain_Routeing_Address (sheet 2)

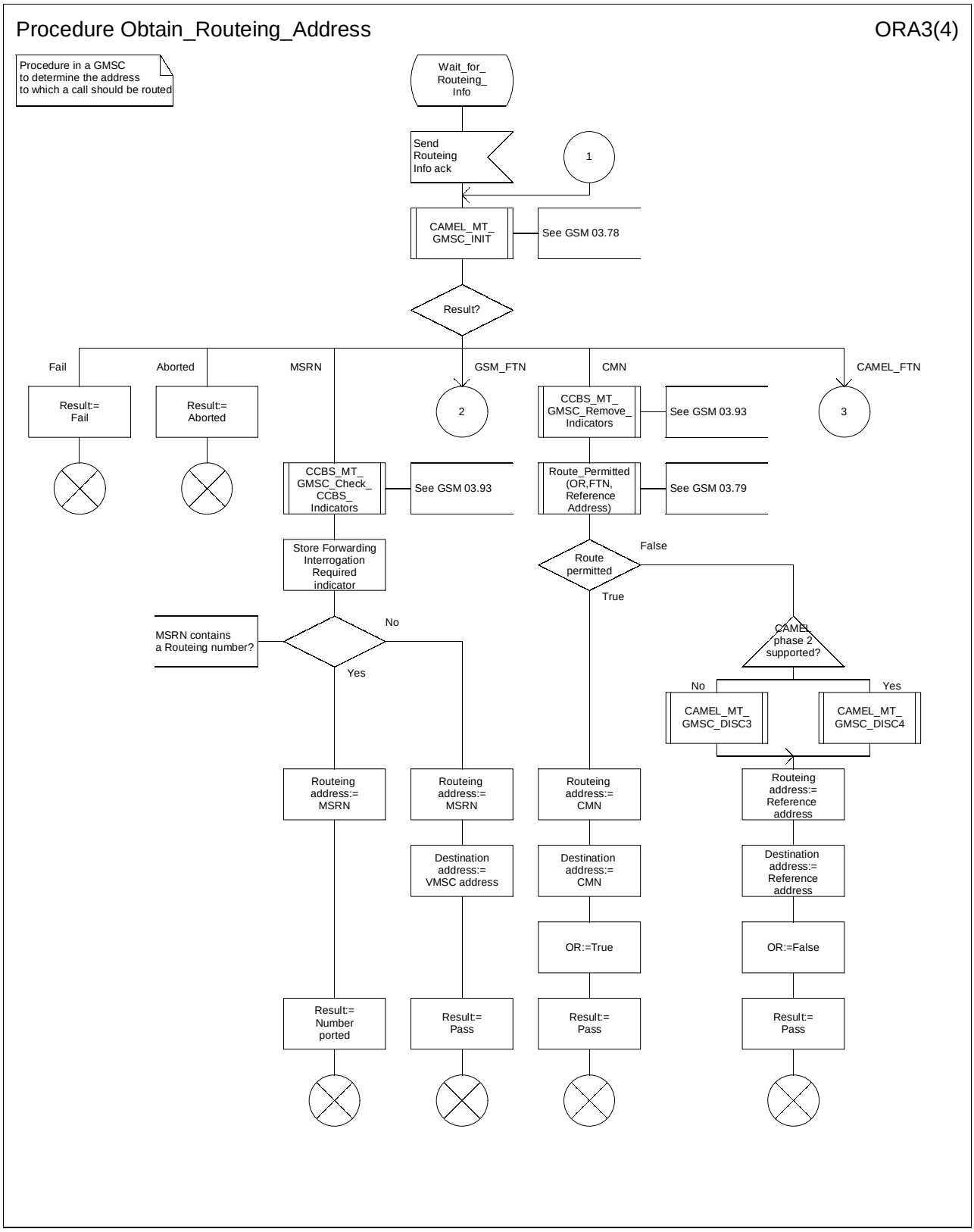
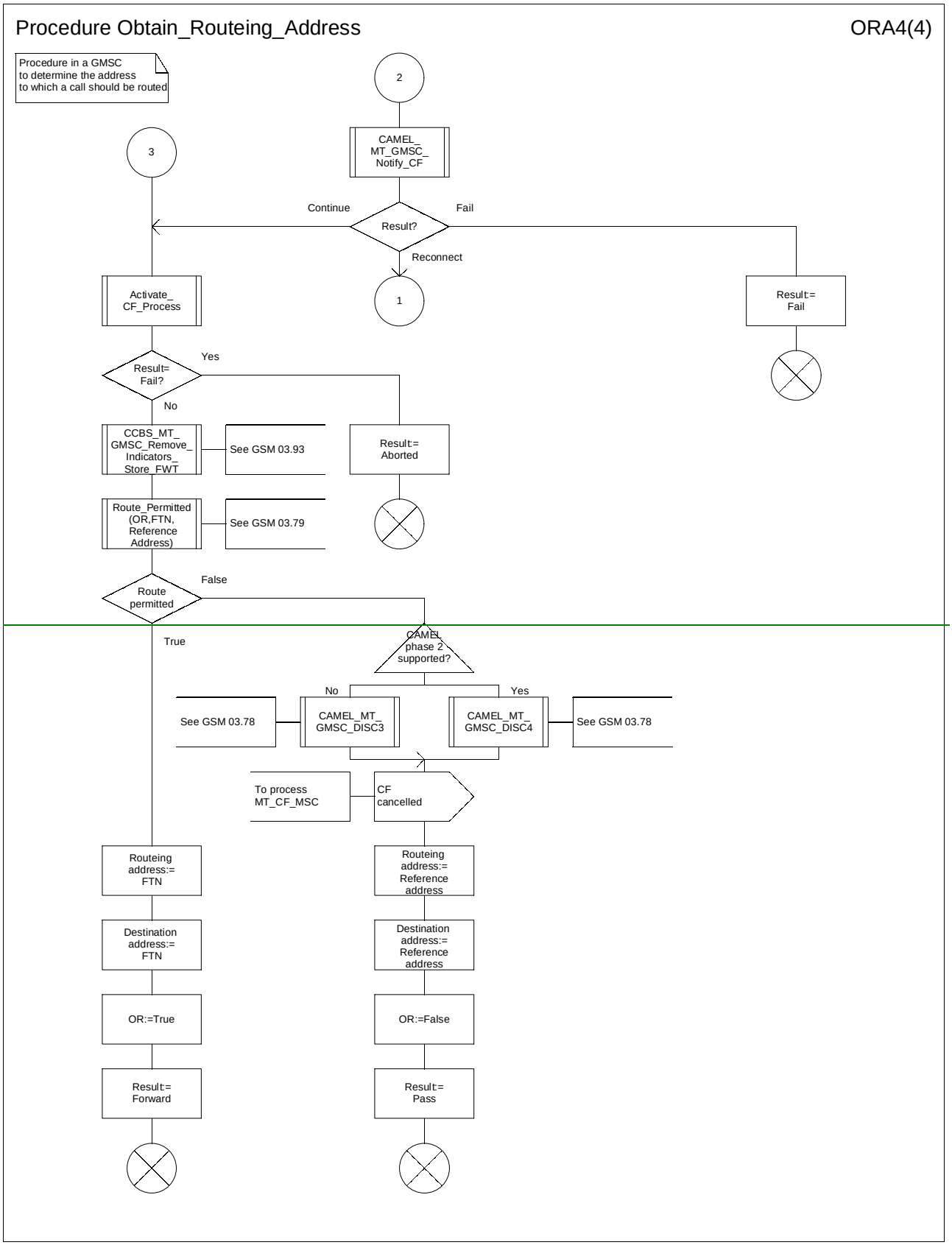


Figure 36c: Procedure Obtain_Routeing_Address (sheet 3)


Procedure Obtain_Routeing_Address
ORA4(4)
Procedure in a GMSC to determine the address to which a call should be routed
2
CAMEL_ MT_GMSC_ Notify_CF
3
Continue
Result?
Fail
Reconnect
1
Activate_ CF_Process
Result= Fail
Result= Fail?
Yes
No
CCBS_MT_ GMSC_Remove_ Indicators_ Store_FWT
See GSM 03.93
Result= Aborted
Route_Permitted (OR,FTN, Reference Address)
See GSM 03.79
Route permitted
False
True
CAMEL phase 2 supported?
No
Yes
See GSM 03.78
CAMEL_MT_ GMSC_DISC3
CAMEL_MT_ GMSC_DISC4
See GSM 03.78
To process MT_CF_MSC
CF cancelled
Routeing address:= FTN
Routeing address:= Reference address
Destination address:= FTN
Destination address:= Reference address
OR:=True
OR:=False
Result= Forward
Result= Pass

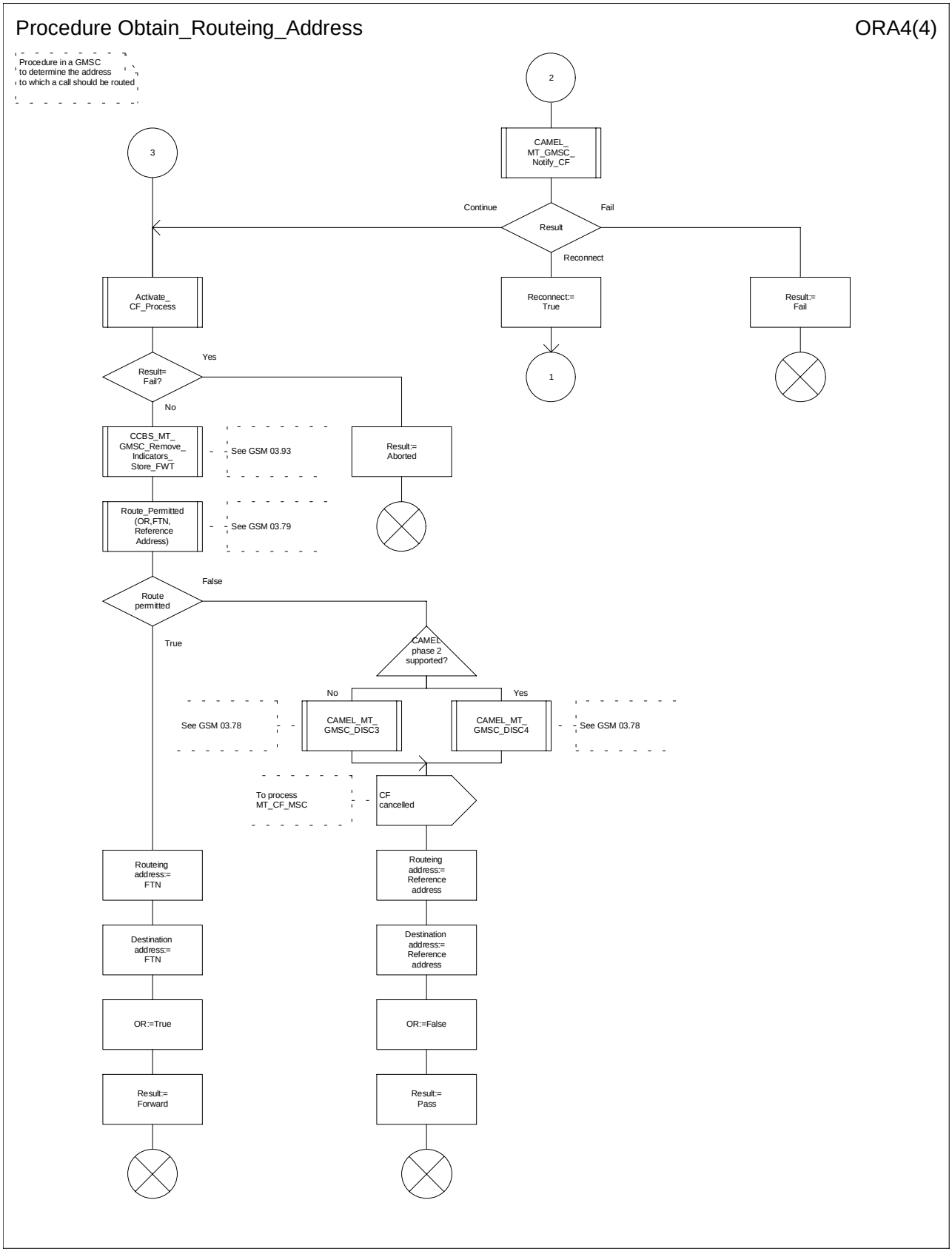


Figure 36d: Procedure Obtain_Routeing_Address (sheet 4)

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