3GPP TSG-SA WG3 LI Meeting #9   *Tdoc S3LI02_025r2*
Amsterdam, Netherlands. 29 – 31 January 2002

CR-Form-v4

CHANGE REQUEST

| ⌘ | **33.107** CR **CRNum** | ⌘ rev | **2** | ⌘ Current version: | **5.1.0** | ⌘ |

*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 **X**

Title:	⌘	The use of H.248 in setting up a bearer intercept point at the MGW.
Source:	⌘	SA WG3-LI
Work item code:	⌘ SEC-LI	***Date:*** ⌘ 20 February 2002
Category:	⌘ **B**	***Release:*** ⌘ REL-5

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:	⌘	Additional explanation regarding the usage of H.248 in setting up a bearer intercept point at the MGW.
Summary of change:	⌘	Additional annex for the H.248 call flows.
Consequences if not approved:	⌘	H.248 interception flows will be missing from the specification

Clauses affected:	⌘	Annex D
Other specs affected:	⌘ **X** Other core specifications ⌘	
	☐ Test specifications	
	☐ O&M Specifications	
Other comments:	⌘	

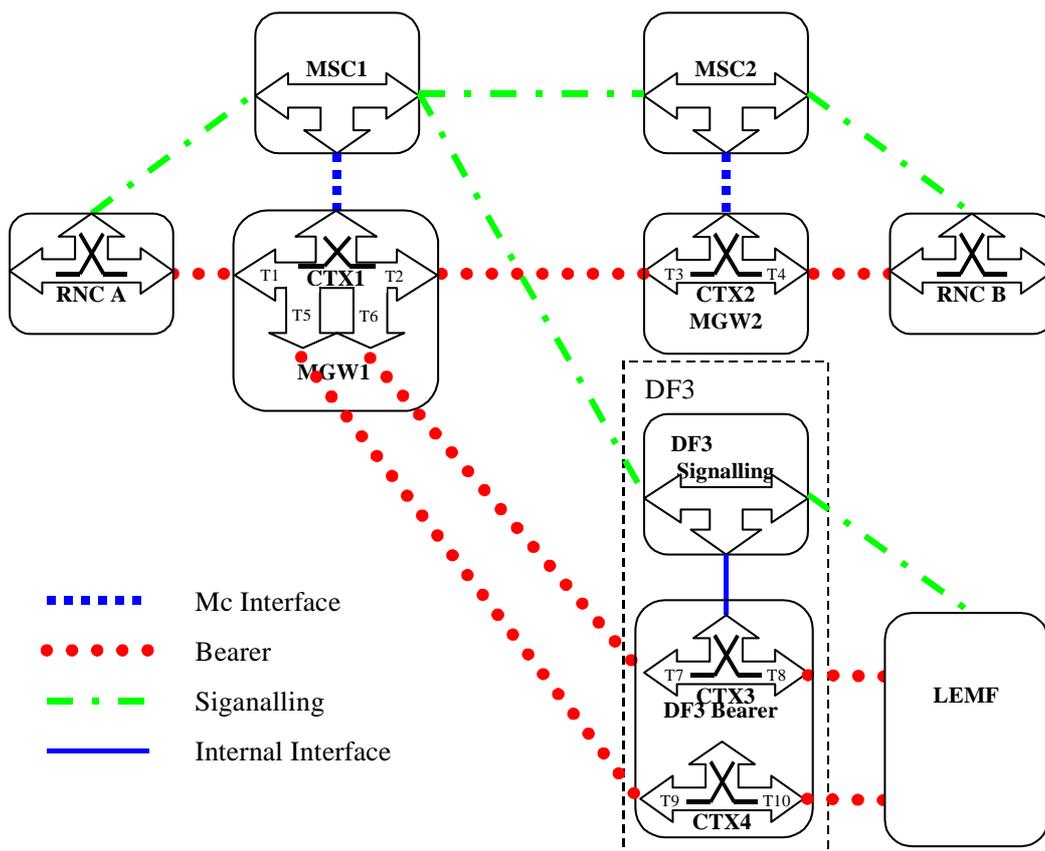# Annex D (informative): Information flows for Lawful Interception invocation at the MGW using H.248.

The following figures show the use of H.248 in setting up a bearer intercept point at the MGW.

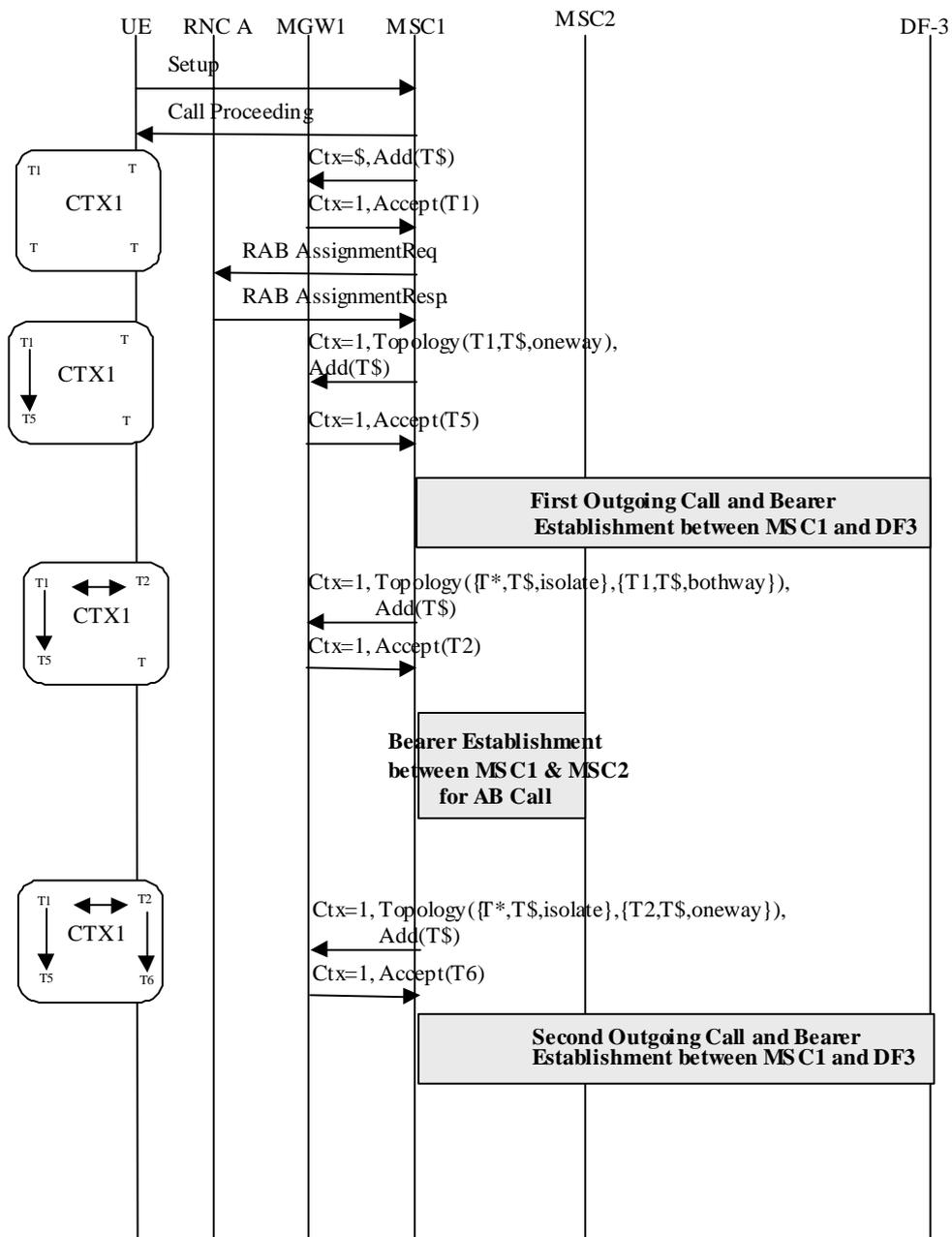# D.1 Mobile to Mobile call, originating side is target

Figure D.1 shows the network model for interception of a mobile-to-mobile call, where the originating mobile subscriber is the target for interception.

Figure D.2 message sequence only shows the H.248 elements related to the necessary topology, which could be used in this example.

Normal call establishment using other H.248 elements shall be in accordance with 3GPP TS 23.205. It should be noted that other means exist with H.248 to achieve similar interception.

Figure D.1: Mobile to Mobile call originating side is target (network model)

UE   RNC A   MGW1   MSC1   MSC2   DF-3

Setup

Call Proceeding

CTX1 T1 T T T

Ctx=$, Add(T$)

Ctx=1, Accept(T1)

RAB AssignmentReq

RAB AssignmentResp

CTX1 T1 T T5 T

Ctx=1, Topology(T1,T$,oneway), Add(T$)

Ctx=1, Accept(T5)

First Outgoing Call and Bearer Establishment between MSC1 and DF3

CTX1 T1 T2 T5 T

Ctx=1, Topology({T*,T$,isolate},{T1,T$,bothway}), Add(T$)

Ctx=1, Accept(T2)

Bearer Establishment between MSC1 & MSC2 for AB Call

CTX1 T1 T2 T5 T6

Ctx=1, Topology({T*,T$,isolate},{T2,T$,oneway}), Add(T$)

Ctx=1, Accept(T6)

Second Outgoing Call and Bearer Establishment between MSC1 and DF3

Figure D.2: Mobile to Mobile call originating side is target