

ETSI TS 129 238 V14.1.0 (2017-03)



**Digital cellular telecommunications system (Phase 2+) (GSM);
Universal Mobile Telecommunications System (UMTS);
LTE;
Interconnection Border Control Functions (IBCF)
- Transition Gateway (TrGW) interface, Ix interface;
Stage 3
(3GPP TS 29.238 version 14.1.0 Release 14)**



Reference

RTS/TSGC-0429238ve10

Keywords

GSM,LTE,UMTS

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Contents

Intellectual Property Rights	2
Foreword.....	2
Modal verbs terminology.....	2
Foreword.....	6
1 Scope	7
2 References	8
3 Definitions, symbols and abbreviations	11
3.1 Definitions	11
3.2 Symbols.....	11
3.3 Abbreviations	11
4 Applicability.....	12
4.1 Architecture.....	12
5 Profile Description	12
5.1 Profile Identification.....	12
5.2 Summary	13
5.3 Gateway Control Protocol Version	13
5.4 Connection model.....	14
5.5 Context attributes	14
5.6 Terminations.....	14
5.6.1 Termination names	14
5.6.1.1 IP Termination	14
5.6.1.1.1 ABNF Coding Overview and prose specification	14
5.6.1.1.2 ASN.1 Coding Overview and prose specification	15
5.6.2 Multiplexed terminations	16
5.7 Descriptors	16
5.7.1 TerminationState Descriptor	16
5.7.2 Stream Descriptor	17
5.7.2.0 General	17
5.7.2.1 LocalControl Descriptor.....	17
5.7.3 Events descriptor	18
5.7.4 EventBuffer descriptor.....	19
5.7.5 Signals descriptor.....	19
5.7.6 DigitMap descriptor.....	20
5.7.7 Statistics descriptor	20
5.7.8 ObservedEvents descriptor	21
5.7.9 Topology descriptor	21
5.7.10 Error descriptor.....	21
5.8 Command API.....	24
5.8.1 Add	24
5.8.2 Modify	24
5.8.3 Subtract.....	25
5.8.4 Move.....	25
5.8.5 AuditValue.....	25
5.8.6 AuditCapabilities	26
5.8.7 Notify.....	26
5.8.8 ServiceChange	26
5.8.9 Manipulating and auditing context attributes.....	28
5.9 Generic command syntax and encoding	28
5.10 Transactions	28
5.11 Messages	29
5.12 Transport	30

5.13	Security	30
5.14	Packages	31
5.14.1	Mandatory Packages	31
5.14.2	Optional Packages	32
5.14.3	Package usage information	33
5.14.3.1	Generic (g)	33
5.14.3.2	Base root (root)	34
5.14.3.3	Differentiated Services (ds).....	35
5.14.3.4	Gate Management (gm).....	36
5.14.3.5	Traffic management (tman).....	37
5.14.3.6	Inactivity Timer (it).....	38
5.14.3.7	IP Domain Connection (ipdc)	38
5.14.3.8	Media Gateway Overload Control Package (ocp).....	39
5.14.3.9	Hanging Termination Detection (hangterm)	39
5.14.3.10	Media Gateway Resource Congestion handling Package (chp).....	40
5.14.3.11	IP Realm Availability (ipra).....	40
5.14.3.12	3G Interface Type package (threegint).....	41
5.14.3.13	RTCP Handling Package (rtcph).....	41
5.14.3.14	Application Data Inactivity Detection (adid)	42
5.14.3.15	Explicit Congestion Notification for RTP-over-UDP Support (ecnrous).....	43
5.14.3.16	MG Act-as STUN Server (mgastuns)	45
5.14.3.17	Originate STUN Continuity Check (ostuncc)	46
5.14.3.18	MG located Bearer Level ALG (mgbalg)	47
5.15	Mandatory support of SDP and Annex C information elements	48
5.16	Optional support of SDP and Annex C information elements.....	52
5.17	Procedures	55
5.17.1	Formats and Codes	55
5.17.2	Call Related Procedures.....	61
5.17.2.1	General.....	61
5.17.2.2	Reserve TrGW Connection Point.....	61
5.17.2.3	Configure TrGW Connection Point	66
5.17.2.4	Reserve and Configure TrGW Connection Point.....	75
5.17.2.5	Release TrGW Termination	84
5.17.2.6	Termination Heartbeat Indication	84
5.17.2.7	IP Bearer Released	85
5.17.2.8	Media Inactivity Notification	85
5.17.2.9	Change Through Connection	86
5.17.2.10	ECN FailureIndication	86
5.17.2.11	Change Flow Direction	86
5.17.2.12	ICE Connectivity Check Result Notification	87
5.17.2.13	ICE New Peer Reflexive Candidate Notification	87
5.17.3	Non-Call Related Procedures.....	88
5.17.3.1	General	88
5.17.3.2	TrGW Out Of Service	89
5.17.3.3	TrGW Communication Up.....	90
5.17.3.4	TrGW Restoration.....	90
5.17.3.5	TrGW Register	91
5.17.3.6	TrGW Re-Register	91
5.17.3.7	IBCF Ordered Re-register	92
5.17.3.8	IBCF Restoration	92
5.17.3.9	IBCF Out of Service.....	93
5.17.3.10	Audit Value	93
5.17.3.11	Command Rejected	95
5.17.3.12	TrGW Capability Change	95
5.17.3.13	TrGW Resource Congestion Handling – Activate	96
5.17.3.14	TrGW Resource Congestion Handling – Indication	96
5.17.3.15	Inactivity Timeout – Activation	96
5.17.3.16	Inactivity Timeout – Indication.....	97
5.17.3.17	Realm Availability Change – Activation	97
5.17.3.18	Realm Availability Change – Indication	98
5.17.3.19	Termination Out Of Service.....	98

Annex A (informative):	Illustration of Gate/Pinhole Concept	100
A.1	General	100
A.2	Relationships between gates and H.248 Streams	100
Annex B (informative):	Void	101
Annex C (informative):	Change history	102
History		104

Foreword

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1 Scope

The present document describes the protocol to be used on the Interconnection Border Control Function (IBCF) – Transition Gateway (TrGW) interface and the CS-IBCF – CS-TrGW interface. The basis for this protocol is the H.248 protocol as specified in ITU-T. The Profile provides MG control function for IMS and CS Border Control. The IMS architecture is described in 3GPP TS 23.228 [2]. The underlying reference model and stage 2 information is described in Annex I of 3GPP TS 23.228 [2] and in 3GPP TS 29.162 [18]. The CS architecture is described in Annex A of 3GPP TS 29.235 [17].

This specification describes the application of H.248 Ix profile for both Ix and CS-Ix interfaces (see Figure 1.1 and Figure 1.2). Required extensions use the H.248 standard extension mechanism. In addition certain aspects of the base protocol H.248 are not needed for this interface and thus excluded by this profile.

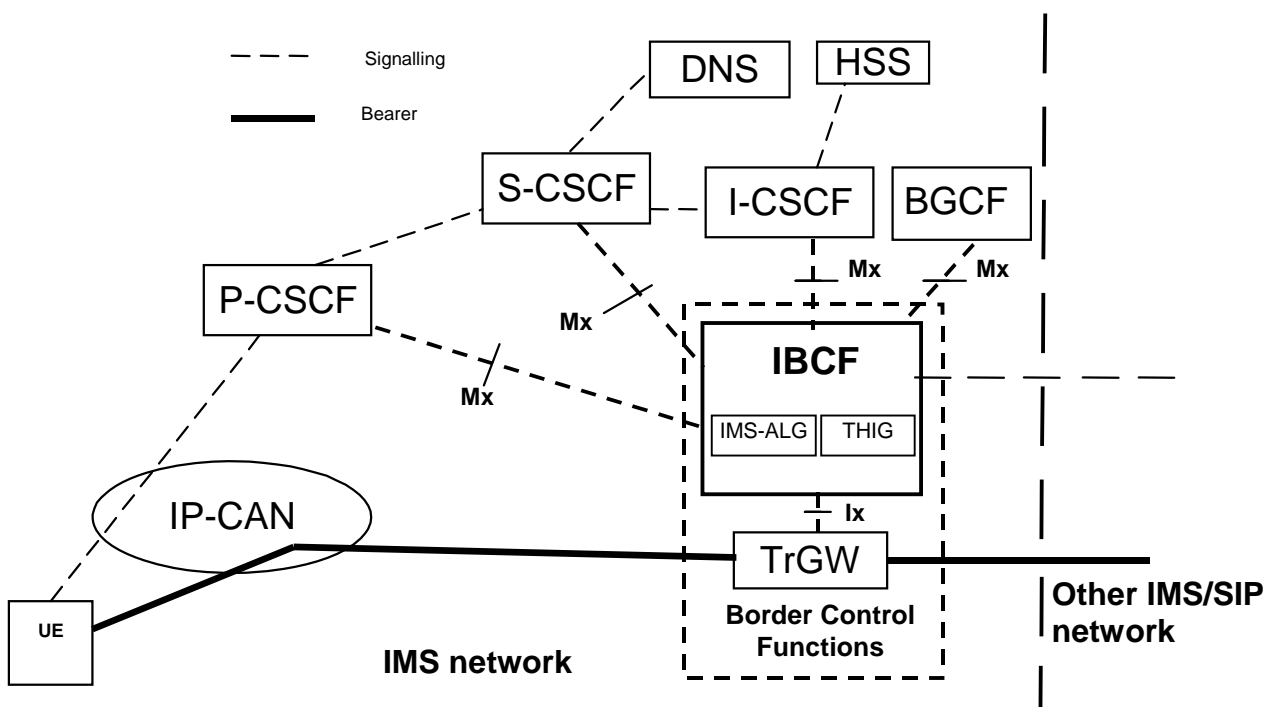


Figure 1.1: Reference model for IMS Border Control Functions

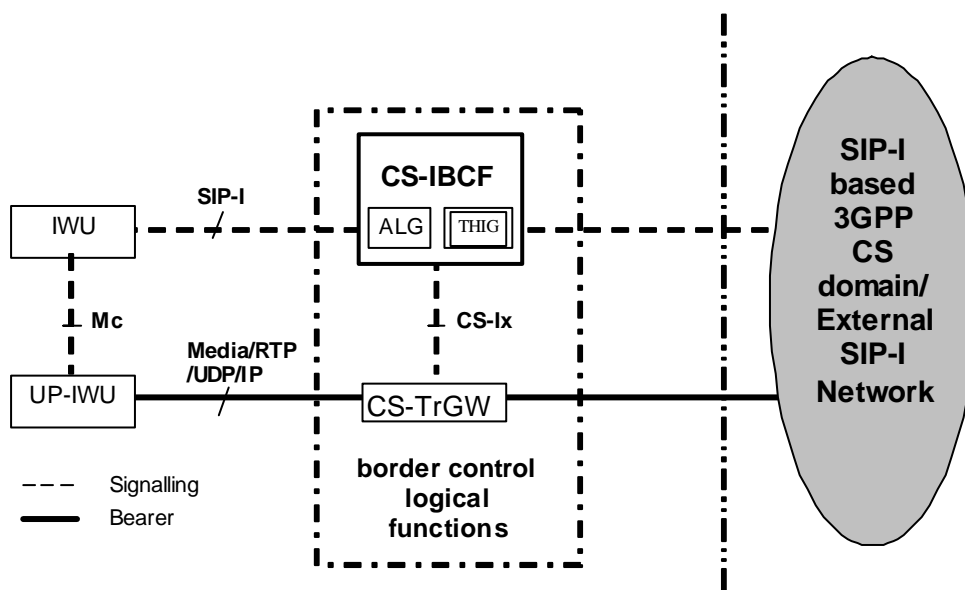


Figure 1.2: Reference model for CS Border Control Functions