

ED-137/1C Change 2

INTEROPERABILITY STANDARDS FOR VOIP ATM COMPONENTS VOLUME 1: RADIO

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FOREWORD

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CHAPTER 1

CHANGE SUMMARY

Change 2 to ED-137/1C is summarised as follows:

Description of change	Affected chapters, paragraphs
The destination SIP URI Username of the "Request URI" in the SIP INVITE shall be used for the local SIP user verification	Chapter 3.8.5.1 and 3.8.5.3
Clarification of the transmission procedure of a response message for dynamic delay compensation (MAM) in case of a new measurement request via NMR flag	Chapter 5.6.5
Clarification about the ED137C volume 1 audio level specifications	Chapter 4.2.1 and Annex A
Correction of RSSI Quality Values	Chapter 5.6.2
Change SIP 302 redirect response support and 403 Forbidden response to mandatory	Chapter 3.4 & 3.4.3
Change the requirement to terminate session by default in case of 4xx/5xx/6xx responses	Chapter 3.4.4, 3.4.5 and 3.4.6
Editorial changes	Chapter 3.6.1.3
Clarification about the RTP timestamping of R2S packets	Chapter 6.5

CHAPTER 2

CHANGE DETAILS

2.1 CHAPTER 3.4 SUPPORTED RESPONSES

3 [SIP] SIP Supported response

SIP user agents **SHALL** support the reception of 1xx Provisional Responses, Successful Response 200, Redirection 302, 4xx Request Failure Responses, 5xx Server Error Responses and 6xx Global Failure Responses

TABLE 2: SUPPORTED SIP RESPONSES

Response	User Agent VCS		User Agent GRS	
	Sending	Receiving	Sending	Receiving
100 – Trying	o	m	m	m
180 – Ringing	-	m	o	-
181 – Call Is Being Forwarded	-	m	x	-
182 – Queued	-	m	x	-
183 – Session Progress	-	m	o	-
200 – Ok	m	m	m	m
202 – Accepted	o	m	o	m
302 – Moved Temporarily	-	m	o	-
400 – Bad Request	o	m	m	o
403 – Forbidden	o	m	o	-
404 – Not Found	m	m	m	M
405 – 408, 410, 413, 414	o	m	m	O
415 – Unsupported Media Type	o	m	m	O
416 – Unsupported URI Scheme	o	m	m	O
420, 421, 423		m	o	M
422 – Session Interval Too Small	m	m	m	M
480 – Temporarily Unavailable	o	m	m	O
481 – 485, 487, 489	o	m	o	-
486 – Busy Here	o	m	m	O
488 – Not Acceptable Here	m	m	m	M
491 – Request Pending	o	m	m	O
493 – Undecipherable	o	m	m	O
501 – Request Not Supported	o	m	m	O
502 – 505, 513	o	m	o	O
603 – Decline	m	m	m	M
604, 606	o	m	o	M

“m”: mandatory; “o”: optional; “x”: prohibited; “-”: not applicable

The requirements of RFC 3261 [12] and RFC 6665 [13] **SHALL** apply with modifications as specified in the following sub-clauses.

2.2 CHAPTER 3.4.3 3XX REDIRECTION RESPONSES

User Agents **SHALL** be capable of handling the following 3xx Redirection responses. Refer to Table 2 for mandatory/optional messages. ~~Support for 3xx Redirection Responses is OPTIONAL by all User Agents.~~ User Agents that do not support 3xx Redirection Responses **SHALL** treat a 3xx response as a 4xx Request Failure response.

- 302 Moved Temporarily

2.3 CHAPTER 3.4.4 4XX CLIENT FAILURE RESPONSES

User Agents **SHALL** be capable of handling the following 4xx Client Failure responses. Refer to Table 2 for mandatory/optional messages. **In accordance with RFC 3261 and other related documents and as clarified by RFC 5057, responses have different impact**