

ETSI TS 138 460 V17.0.0 (2022-05)



**5G;  
NG-RAN;  
E1 general aspects and principles  
(3GPP TS 38.460 version 17.0.0 Release 17)**



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**Reference**

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# Contents

Intellectual Property Rights .....	2
Legal Notice .....	2
Modal verbs terminology.....	2
Foreword.....	4
1 Scope .....	5
2 References .....	5
3 to 8 Void.....	5
<b>Annex A (informative): Change history .....</b>	<b>6</b>
History .....	7

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# Foreword

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- z the third digit is incremented when editorial only changes have been incorporated in the document.

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## 1 Scope

See TS 37.480 [8].

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[1] – [7]          Void

[8]                3GPP TS 37.480: “E1 general aspects and principles”.

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## 3 to 8 Void

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## 9 E1 general aspects and principles

See TS 37.480 [8].

## Annex A (informative): Change history

Change history							
Date	Meeting	TDoc	CR	Rev	Cat	Subject/Comment	New version
2018-02	R3#99	R3-181037	-	-	-	Skeleton	0.0.0
2018-02	R3#99	R3-181419	-	-	-	Editorial changes	0.1.0
2018-03	R3#99	R3-181596				Agreed text proposal R3-181425 on TEID allocation added to section 5.2; Agreed text proposal R3-181427 on Bearer Context management function and procedure added to section 5.1.2 and 6.2.	0.2.0
2018-04	R3#99bis	R3-181844	-	-	-	gNB-CU-CP / gNB-CU-UP is agreed as a formal name	0.3.0
2018-04	R3#99bis	R3-182498	-	-	-	E1 interface management function further detailed: gNB-CU-UP E1 Setup, gNB-CU-CP E1 Setup, gNB-CU-UP Configuration Update, gNB-CU-CP Configuration Update, E1 Release (FFS) introduced.	0.3.0
2018-04	R3#99bis	R3-182465	-	-	-	Bearer Context Inactivity Notification Procedure introduced.	0.3.0
2018-05	R3#100	R3-183579				E1 bearer context management function further updated by adding user inactivity notification, DL data arrival detection, data volume reporting and packet duplication.	0.4.0
2018-06	RAN#80	RP-180746				For approval	1.0.0
2018-06	RAN#80		-	-	-	Specification approved at TSG-RAN and placed under change control	15.0.0
2018-09	RAN#81	RP-181925	0001	4	F	NR Corrections (38.460 Baseline CR covering RAN3-101 agreements)	15.1.0
2018-12	RAN#82	RP-182451	0005	1	F	CR to 38.460 on capacity information transfer via E1 interface	15.2.0
2018-12	RAN#82	RP-182451	0006	1	F	CR to 38.460 on overload information indication over E1	15.2.0
2018-12	RAN#82	RP-182451	0012	1	F	CR to 38.460 on PDCP suspend indication over E1 interface	15.2.0
2018-12	RAN#82	RP-182451	0014	2	F	CR to 38.460 on notification for default DRB over E1	15.2.0
2018-12	RAN#82	RP-182447	0015	1	F	Introduction of Data Volume Reporting for MR-DC	15.2.0
2019-03	RAN#83	RP-190560	0017	1	F	CR to 38.460 on inactivity notification over E1	15.3.0
2019-07	RAN#84	RP-191399	0020	1	F	CR to 38.460 on clarifications for E1 bearer context management function and TEIDs allocation	15.4.0
2019-12	RAN#86	RP-192913	0021	2	F	Trace function Support over E1 Interface	16.0.0
2020-07	RAN#88-e	RP-201080	0029	5	B	CR to TS 38.460 on support of NPN	16.1.0
2020-07	RAN#88-e	RP-201082	0031	3	B	BLCR to 38.460: Addition of SON feature	16.1.0
2020-07	RAN#88-e	RP-201079	0034	2	B	Support of Ethernet Type	16.1.0
2020-07	RAN#88-e	RP-201075	0035	1	B	TS38.460 Stage2 Introduction of Mobility Enhancement Features	16.1.0
2020-07	RAN#88-e	RP-201074	0036	1	B	Support for Alternative QoS profiles over E1	16.1.0
2020-07	RAN#88-e	RP-201082	0038	1	B	BLCR to 38.460: Addition of MDT feature	16.1.0
2020-07	RAN#88-e	RP-201079	0039	1	B	PDCP duplication with more than 2 entities for E1 stage 2	16.1.0
2020-12	RAN#90-e	RP-202312	0043	1	F	Introduction of D1 measurement transfer on E1AP	16.2.0
2020-12	RAN#90-e	RP-202312	0044		F	Support of direct data forwarding for inter-system HO	16.2.0
2021-03	RAN#91-e	RP-210231	0045	2	F	CR to 38.460: Supporting IAB function and procedure	16.3.0
2021-12	RAN#94-e	RP-212870	0049	2	F	CR for 38.460 on E1AP handling for unmapped DL QoS flows	16.4.0
2022-03	RAN#95-e	RP-220217	0054	3	F	E1 TS 38.460 specification transfer to TS 37.480	17.0.0

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# History

<b>Document history</b>		
V17.0.0	May 2022	Publication