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Contents

Intel	lectual Pr	operty Rights	2
Fore	word		2
	Nodal verbs terminology		
1			
l	Scope		
2	Referen	ces	5
3	Definiti	ons, symbols and abbreviations	5
3.1		nitions	
3.2		eviations	
4	Overvie	w of CS videotelephony support in 3GPP specifications up to Release 6	6
4.1		C	
4.2	Char	ging	<i>6</i>
4.3		lementary services	
5	Requirements for videotelephony service		7
5.1	Charging		
5.2	Codec negotiation		
5.3	Security		
5.4	Privacy		
5.5	Supplementary service support		
5.6	Fall back to speech and in-call modification		
5.7	Fall back to speech and in-call modification		9
5.8	8 Handover		9
5.9	9 Emergency calls support		9
5.10	Notif	ications to the User	9
5	Backwa	rds compatibility requirements	10
5.1		ral description of functionalities that are supported in a videotelephony call to a pre Rel-7	
		otelephony	12
5.2	Inter	pperability with fixed videotelephony service	12
7	International calls and roaming		12
8	Conclusions		
Annex A: Existing requirements for videotelepho		Existing requirements for videotelephony	14
Δnn	ex B:	Change history	
		Change move y	
Histo)rv		16

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1 Scope

The present document intends to analyse the introduction of additional functionalities for the videotelephony service in addition to what is provided in the 3GPP specifications up to Release 6. The functionalities will include but are not limited to codec negotiation, charging principles, supplementary services support. The approach followed is to evaluate how functionalities which are applicable to existing teleservices can be replicated for videotelephony.

The document will analyse how the new functionalities will impact the backwards compatibility with the existing CS multimedia service and will whether it is beneficial to create a videotelephony teleservice.

2 References

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- 3GPP TR 21.905: "Vocabulary for 3GPP specifications".
 3GPP TS 22.004: "General on Supplementary Services".
 3GPP TS 22 101: "Service Principles".
 3GPP TS 26.110: "Codec for circuit switched multimedia telephony service".
 3GPP TS 26.111: "Modification to H.324".
 3GPP TS 21.133: "3G security; Security threats and requirements".

3 Definitions, symbols and abbreviations

3.1 Definitions

For the purposes of the present document, the following terms and definitions apply.

Teleservice: Is a type of telecommunication service that provides the complete capability, including terminal equipment functions, for communication between users according to standardised protocols and transmission capabilities established by agreement between operators.

Videotelephony: a instance of bidirectional multimedia communications between two parties where a speech component and a video component are transmitted and received.

3.2 Abbreviations

For the purposes of the present document, the following abbreviations apply:

VT Video Telephony UE User Equipment

Further abbreviations are given in 3GPP TR 21.905 [1].