Work Item Description

Title   **Study on Videotelephony teleservice**

1   **3GPP Work Area**

X	Radio Access
X	Core Network
X	Services

2   **Linked work items**

GERAN VT WID (unique ID 50552)-
CS Video and voice service improvements (unique ID 31046)

3   **Justification**

It is thought that videotelephony will be a 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.
In light of these considerations it might be beneficial to specify fully a videotelephony teleservice.

4   **Objective**

Full definition of videotelephony as a teleservice, provided that backward compatibility with existing services (e.g. videotelephony services based on the CS Multimedia call Bearer Service) can be assured. The requirements for videotelephony should be defined independently of the bearer used to deliver the service: this should facilitate the transition from the CS based solution towards a IMS supported realisation.
In call modifications (rate adaptation) and modifications at call establishment should be investigated.

5   **Service Aspects**

It is expected that the support of supplementary services will need to be analysed. Also the definition of one or more codecs for videotelephony and corresponding negotiations at the call establishment will need to be addressed. Fall back to speech will also be analysed.
The teleservice, through a call establishment negotiation mechanism should enable the introduction of new codecs.

6   **MMI-Aspects**

None identified

7   **Charging Aspects**

Charging requirements for videotelephony may need to be further elaborated.

8   Security Aspects

None identified specifically for this service

9   Impacts

Affects:	UICC apps	ME	AN	CN	Others
Yes		X	X	X	
No	X				X
Don't know					

10   Expected Output and Time scale (to be updated at each plenary)

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
TR 22.9bc	Study on Videotelephony service requirements	SA1	-	SA#29	SA#30	The TR intends to perform a gap analysis to assess the impact on specifying a videotelephony teleservice
Affected existing specifications						
Spec No.	CR	Subject			Approved at plenary#	Comments

11   Work item rapporteur(s)

T-Mobile International

12   Work item leadership
 SA1

13   Supporting Companies

T-Mobile, Vodafone, Orange, Motorola, TIM, **3**

14   Classification of the WI (if known)

X	Feature (go to 14a)
	Building Block (go to 14b)
	Work Task (go to 14c)

14a   The WI is a Feature: List of building blocks under this feature

None identified

14b   The WI is a Building Block: parent Feature

(one Work Item identified as a feature)

14c   The WI is a Work Task: parent Building Block

(one Work Item identified as a building block)

Work Item Description

Title   <u>Study on</u> Videotelephony teleservice

1   3GPP Work Area

X	Radio Access
X	Core Network
X	Services

2   Linked work items

GERAN VT WID (unique ID <u>50552</u>~~???~~)
CS Video and voice service improvements (unique ID 31046)

3   Justification

It is thought that videotelephony will be a 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. In light of these considerations it might be beneficial to specify fully a videotelephony teleservice.

4   Objective

Full definition of videotelephony as a teleservice, provided that backward compatibility <u>with existing services (e.g. videotelephony services based on the CS Multimedia call Bearer Service)</u> can be assured ~~to a reasonable degree~~. <u>The requirements for videotelephony should be defined independently of the bearer used to deliver the service: this should facilitate the transition from the CS based solution towards a IMS supported realisation.</u> ~~The service shall be based both on the BS30 Bearer Service in the circuit switched domain and on IMS.~~
In call modifications (rate adaptation) and modifications at call establishment should be investigated.

5   Service Aspects

It is expected that the support of supplementary services will need to be analysed. Also the definition of one or more codecs for videotelephony and corresponding negotiations at the call establishment will need to be addressed. Fall back to speech will also be analysed.
The teleservice, through a call establishment negotiation mechanism should enable the introduction of new codecs.

6   MMI-Aspects

None identified

7   Charging Aspects

Charging requirements for videotelephony may need to be further elaborated.

8 Security Aspects

None identified specifically for this service

9 Impacts

Affects:	UICC apps	ME	AN	CN	Others
Yes		X	X	X	
No	X				X
Don't know					

10 Expected Output and Time scale (to be updated at each plenary)

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
~~TS~~ TR 22.~~abc~~9bc	Study on Videotelephony service requirements	SA1	-	SA#29	SA#30	The TR intends to perform ~~A~~a gap analysis ~~should be performed~~to assess the impact on specifying a videotelephony teleservice ~~prior starting the specification work~~

Affected existing specifications				
Spec No.	CR	Subject	Approved at plenary#	Comments
~~22.003~~		~~Introduction of teleservice code point~~		
~~24.008~~				
~~22.004~~		~~Support of supplementary services for videotelephony~~		

11 Work item rapporteur(s)

T-Mobile International

12 Work item leadership
SA1

13 Supporting Companies

T-Mobile, Vodafone, Orange, Motorola, TIM, 3~~[your company name here]~~

14 Classification of the WI (if known)

X	Feature (go to 14a)
	Building Block (go to 14b)
	Work Task (go to 14c)

14a   The WI is a Feature: List of building blocks under this feature

None identified

14b   The WI is a Building Block: parent Feature

(one Work Item identified as a feature)

14c   The WI is a Work Task: parent Building Block

(one Work Item identified as a building block)