Source: **SA1**

Title: **CRs to 21.905 on Definitions and abbreviations (Rel-6)**

Document for: **Approval**

Agenda Item: **7.1.3**

Meeting	SA Doc	TS No.	CR No	Rev	Rel	Cat	Subject	Vers. Current	Vers New	SA1 Doc
SP-24	SP-040286	21.905	057	-	Rel-6	F	Inclusion of ANP abbreviation as requested by SA3	6.6.0	6.7.0	S1-040507
SP-24	SP-040286	21.905	058	-	Rel-6	F	TR 21.905 Addition WLAN UE definition and classes of equipment and abbreviation	6.6.0	6.7.0	S1-040529

CR-Form-v7

CHANGE REQUEST

| ⌘ | **21.905 CR 057** | ⌘**rev** | **-** | ⌘ | Current version: | **6.6.0** | ⌘ |

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: UICC apps⌘ ☐   ME ☐ Radio Access Network ☐   Core Network ☐

Title:	⌘	Inclusion of ANP abbreviation as requested by SA3		
Source:	⌘	SA1 (MCC and SA3 LI)		
Work item code:⌘	Vocabulary		***Date:*** ⌘	28/03/2004

Category: ⌘ **F**	***Release:*** ⌘ Rel-6
Use <u>one</u> of the following categories: **F** *(correction)* **A** *(corresponds to a correction in an earlier release)* **B** *(addition of feature),* **C** *(functional modification of feature)* **D** *(editorial modification)* Detailed explanations of the above categories can be found in 3GPP TR 21.900.	Use <u>one</u> of the following releases: 2 *(GSM Phase 2)* R96 *(Release 1996)* R97 *(Release 1997)* R98 *(Release 1998)* R99 *(Release 1999)* Rel-4 *(Release 4)* Rel-5 *(Release 5)* Rel-6 *(Release 6)*

Reason for change:	⌘	The 3GPP SA3 LI working group uses the term "Access Network Provider" to describe the service provider of the access network. Therefore SA3 would like to coin the acronym ANP, as the acronym AN (Access Network) does not provide the true meaning of what we wish to convey.
Summary of change:⌘		Abbreviation ANP is added to 21.905.
Consequences if not approved:	⌘	Confusion regarding AP and ANP.

Clauses affected:	⌘	4

		Y	N		
Other specs affected:	⌘		X	Other core specifications	⌘
			X	Test specifications	
			X	O&M Specifications	

Other comments:	⌘	See S1-040277 for request by SA3

A

A-SGW	Access Signalling Gateway
A3	Authentication algorithm A3
A38	A single algorithm performing the functions of A3 and A8
A5/1	Encryption algorithm A5/1
A5/2	Encryption algorithm A5/2
A5/X	Encryption algorithm A5/0-7
A8	Ciphering key generating algorithm A8
AAL	ATM Adaptation Layer
AAL2	ATM Adaptation Layer type 2
AAL5	ATM Adaptation Layer type 5
AB	Access Burst
AC	Access Class (C0 to C15)
	Access Condition
	Application Context
	Authentication Centre
ACC	Automatic Congestion Control
ACELP	Algebraic Code Excited Linear Prediction
ACCH	Associated Control Channel
ACIR	Adjacent Channel Interference Ratio
ACK	Acknowledgement
ACL	APN Control List
ACLR	Adjacent Channel Leakage Power Ratio
ACM	Accumulated Call Meter
	Address Complete Message
ACMmax	ACM (Accumulated Call Meter) maximal value
ACS	Adjacent Channel Selectivity
ACU	Antenna Combining Unit
ADC	Administration Centre
	Analogue to Digital Converter
ADCH	Associated Dedicated CHannel
ADF	Application Dedicated File
ADM	Access condition to an EF which is under the control of the authority which creates this file
ADN	Abbreviated Dialling Numbers
ADPCM	Adaptive Differential Pulse Code Modulation
AE	Application Entity
AEC	Acoustic Echo Control
AEF	Additional Elementary Functions
AESA	ATM End System Address
AFC	Automatic Frequency Control
AGCH	Access Grant CHannel
Ai	Action indicator
AI	Acquisition Indicator
AICH	Acquisition Indicator Channel
AID	Application IDentifier
AIUR	Air Interface User Rate
AK	Anonymity Key
AKA	Authentication and Key Agreement
AKI	Asymmetric Key Index
ALCAP	Access Link Control Application Protocol
ALSI	Application Level Subscriber Identity
ALW	ALWays
AM	Acknowledged Mode
AMF	Authentication Management Field
AMR	Adaptive Multi Rate
AMR-WB	Adaptive Multi Rate Wide Band
AN	Access Network
ANP	Access Network Provider
AoC	Advice of Charge

AoCC	Advice of Charge Charging
AoCI	Advice of Charge Information
AP	Access preamble
APDU	Application Protocol Data Unit
API	Application Programming Interface
APN	Access Point Name
ARFCN	Absolute Radio Frequency Channel Number
ARP	Address Resolution Protocol
ARQ	Automatic Repeat ReQuest
ARR	Access Rule Reference
AS	Access Stratum
ASC	Access Service Class
ASCI	Advanced Speech Call Items
ASE	Application Service Element
ASN.1	Abstract Syntax Notation One
AT command	ATtention Command
ATM	Asynchronous Transfer Mode
ATR	Answer To Reset
ATT (flag)	Attach
AU	Access Unit
AuC	Authentication Centre
AUT(H)	Authentication
AUTN	Authentication token
AWGN	Additive White Gaussian Noise

CR-Form-v7

CHANGE REQUEST

⌘ **21905-058** **CR**   ⌘**rev** **-** ⌘ Current version: **6.6.0** ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: UICC apps⌘ ☐   ME **X** Radio Access Network ☐   Core Network **X**

Title: ⌘	TR 21.905 Addition WLAN UE definition and classes of equipment and abbreviation
Source: ⌘	SA1 (Research In Motion)
Work item code: ⌘	WLAN ***Date:*** ⌘ 10/05/2004
Category: ⌘	**F** ***Release:*** ⌘ Rel-6

Use *one* of the following categories:
   F *(correction)*
   A *(corresponds to a correction in an earlier release)*
   B *(addition of feature),*
   C *(functional modification of feature)*
   D *(editorial modification)*
Detailed explanations of the above categories can
be found in 3GPP TR 21.900.

Use *one* of the following releases:
   2   *(GSM Phase 2)*
   R96 *(Release 1996)*
   R97 *(Release 1997)*
   R98 *(Release 1998)*
   R99 *(Release 1999)*
   Rel-4 *(Release 4)*
   Rel-5 *(Release 5)*
   Rel-6 *(Release 6)*

Reason for change: ⌘	Addition of definition of WLAN UE and classes of WLAN UE
Summary of change: ⌘	Provides abbreviation and definition for use of all WGs in connection with WLAN
Consequences if not approved: ⌘	The several groups working on the addition of WLAN UE would each be using their own definitions and abbreviations. Especially in the case of the several classes of WLAN UE, the lack of uniformity definitions across working groups could lead to problems which could delay implementation. This CR will avoid such problems.

Clauses affected: ⌘	3 Terms and definitions, 4 Abbreviations

	Y	N	
Other specs affected: ⌘		X	Other core specifications ⌘
		X	Test specifications
		X	O&M Specifications

Other comments: ⌘	

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at http://www.3gpp.org/specs/CR.htm. Below is a brief summary:

1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.

2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://ftp.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

3 Terms and definitions

W

WTDD: Wide TDD – the 3.84 Mcps chip rate UTRA-TDD option.

WLAN UE: WLAN User Equipment: – a UE (equipped with UICC card including (U)SIM) utilized by a subscriber capable of accessing a WLAN network. A WLAN UE may include entities whose configuration, operation and software environment are not under the exclusive control of the 3GPP system operator, such as a laptop computer or PDA with a WLAN card, UICC card reader and suitable software applications.

WLAN UE Class: According to its capability, a WLAN UE is categorized into three classes.

Class WA WLAN UE: This class of a WLAN UE has both 3GPP and WLAN radio interfaces. The WLAN UE can be attached to both WLAN and 3GPP systems at the same time, when an interworking WLAN is available. Also it supports simultaneous access to both WLAN and 3GPP cellular network by activating both radio interfaces.

Class WB WLAN UE: This class of a WLAN UE has both 3GPP and WLAN radio interfaces. But it does not support simultaneous access to both WLAN and 3GPP cellular network because it can operate only one radio interface at a time.

Class WC WLAN UE: This class of a WLAN UE has only a WLAN radio interface. It is capable of WLAN attach and WLAN access only, when an interworking WLAN is available.

4 Abbreviations

W

WAE	Wireless Application Environment
WAP	Wireless Application Protocol
WBEM	Web Based Enterprise Management
WCDMA	Wideband Code Division Multiple Access
WDP	Wireless Datagram Protocol
WG	Working Group
WIM	Wireless Identity Module
WIN	Wireless Intelligent Network
WLAN	Wireless Local Area Network
WLAN UE	WLAN User Equipment