Source:	**SA5 (Telecom Management)**
Title:	**Form for exception on WLAN Charging Rel-6 - for Information and Approval**
Document for:	**Information and Approval**
Agenda Item:	**7.5.3**

Release 6 Submission form

Feature / Item:		Feature: Charging Management /BB: Bearer Charging (CH-BC) / WT: WLAN Charging					
Affects:	**UE/MS:** No	**CN:** Yes	**UTRAN:** No	**GERAN:** No	**Compatibility Issues:**	**Yes:** n.a.	**No:** (None, new feature)
Expected Completion Date:	Sept 2005						
Services impacted:	Charging Management						
Specifications affected:	32.252						
Tasks within work which are not complete:		Alignment of WLAN charging and PS domain charging See detailed list below					
Consequences if not included in Release 6:		WLAN charging will not be present for Release 6.					
Accepted by TSG#	28	**for late inclusion in Release 6:**					

Abstract of document:

The 3GPP WLAN Charging collects charging data which are managed by a non 3GPP AN entity with different protocol approaches for the Direct IP access.

The progress in the specification work depends on the progress on the WLAN Network architecture specification in TS 23.324. This framework is currently conforming the mandatory requirement on immediate purging of a user from a I-WLAN.

- o The following action plan to achieve completion by SA#29 has been agreed:

    - ▪ Include the logical charging architecture. Appropriate mappings in clause 4 are needed, i.e. mapping between the logical functions and the entities

    - ▪ Scenario description of charging information flow for different scenarios:

        - • Section 5.2 (Offline)

            - o Section 5.2.1 Direct IP Access Offline Charging Flow

            - o Section 5.2.2 3GPP IP Access Offline Charging Flow

        - • Section 5.3 (Online)

            - o Section 5.3.1 Direct IP Access Online Charging Flow

            - o Section 5.3.2 3GPP IP Access Online Charging Flow

        - • Describe the above four in relation to the different possibilities of charging support in the WLAN AN:

            - o No charging support from the WLAN AN.

            - o Possibilities of RADIUS accounting in the AN (Radius Accounting RFC).

            - o Where the WLAN AN supports Diameter Accounting (Diameter RFC).

            - o Where the WLAN AN supports the DCC Client (DCC RFC).

    - ▪ Include offline charging triggers & messages for AN (according to RFCs), and, for AAA Proxy, 3GPP AAA Server, PDG.

- Include online charging triggers & messages for AN (according to RFCs), and, for AAA Proxy, 3GPP AAA Server, PDG (for chargeable events / charging events, CDRs & CDR files).

- Add charging message contents.

- Editorial clean up of section 6.1.4.

- Align the message tables with the general approach, i.e. remove protocol references and change pointers to 32.299 (use abstract message definitions from 32.299).

- Align with the middle-tier TS template as necessary (Nokia, in the process of publishing the next version of the TS).

- Make sure the above are as closely aligned with 32.251, i.e. as intended in the WI.

Contentious Issues:
None