TSGS#15(02)0044

Technical Specification Group Services and System Aspects Meeting #15, Cheju Island, Korea, 11-14 March 2002

Source: SA1

Title: CRs to 22.078 R99/Rel-4/Rel5 on removal of handling of e-

parameters provided by the SCP

Document for: Approval

Agenda Item: 7.1.3

SA Doc	Spec	CR	Rev	Phase	Cat	Subject	Old	New	SA1 Doc
							Vers	Vers	
SP-020044	22.078	136		R99	F	CR to 22.078 on removal of handling of e-parameters provided by the SCP	3.8.0	3.9.0	S1-020627
SP-020044	22.078	137		Rel-4	A	CR to 22.078 on removal of handling of e-parameters provided by the SCP	4.4.0	4.5.0	S1-020628
SP-020044	22.078	138		Rel-5	Α	CR to 22.078 on removal of handling of e-parameters provided by the SCP	5.5.0	5.6.0	S1-020629

TSG-SA WG 1 (Services) meeting #15 Saalfelden, Austria, 11-15 February 2002

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S1-020627

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10.13 Charging Procedures

The CSE can perform the following charging activities:

10.13.1 Advice of Charge

The CSE may send Charge Advice Information (CAI) elements to the SGSN.

NOTE: Support of Advice of Charge within GPRS is not supported in Release 99. If the CSE sends CAI elements to an SGSN that does not support the Advice of Charge supplementary service, the CAI elements shall be ignored by the SGSN.

10.13.2 Inclusion of Free Format data in CDR

The CSE may send free format data to the SGSN, for inclusion in a CDR. The CSE shall specify the GPRS session or PDP Context for which the free format data is destined.

When sending the free format data to the VPLMN, the CSE may instruct the VPLMN to

- Overwrite the existing free format data for that GPRS session or PDP Context, or
- Append the newly received free format data to the existing free format data.

10.13.3 Specify a threshold for transmitted data or used time

See section 10.7.

10.13.4 Request notification of change in Quality of Service

The CSE may request the VPLMN to notify the CSE when a change in Quality of Service has occurred for a PDP Context.

TSG-SA WG 1 (Services) meeting #15 Saalfelden, Austria, 11-15 February 2002

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10.13 Charging Procedures

The CSE can perform the following charging activities:

10.13.1 Advice of Charge

The CSE may send Charge Advice Information (CAI) elements to the SGSN.

NOTE: Support of Advice of Charge within GPRS is not supported in Release 5 or previous releases. If the CSE sends CAI elements to an SGSN that does not support the Advice of Charge supplementary service, the CAI elements shall be ignored by the SGSN.

10.13.2 Inclusion of Free Format data in CDR

The CSE may send free format data to the SGSN, for inclusion in a CDR. The CSE shall specify the GPRS session or PDP Context for which the free format data is destined.

When sending the free format data to the VPLMN, the CSE may instruct the VPLMN to

- Overwrite the existing free format data for that GPRS session or PDP Context, or
- Append the newly received free format data to the existing free format data.

10.13.3 Specify a threshold for transmitted data or used time

See section 10.7.

10.13.4 Request notification of change in Quality of Service

The CSE may request the VPLMN to notify the CSE when a change in Quality of Service has occurred for a PDP Context.

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TSG-SA WG 1 (Services) meeting #15 Saalfelden, Austria, 11-15 February 2002

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10.13 Charging Procedures

The CSE can perform the following charging activities:

10.13.1 Advice of Charge

The CSE may send Charge Advice Information (CAI) elements to the SGSN.

NOTE: Support of Advice of Charge within GPRS is not supported in Release 4 or previous releases. If the CSE sends CAI elements to an SGSN that does not support the Advice of Charge supplementary service, the CAI elements shall be ignored by the SGSN.

10.13.2 Inclusion of Free Format data in CDR

The CSE may send free format data to the SGSN, for inclusion in a CDR. The CSE shall specify the GPRS session or PDP Context for which the free format data is destined.

When sending the free format data to the VPLMN, the CSE may instruct the VPLMN to

- Overwrite the existing free format data for that GPRS session or PDP Context, or
- Append the newly received free format data to the existing free format data.

10.13.3 Specify a threshold for transmitted data or used time

See section 10.7.

10.13.4 Request notification of change in Quality of Service

The CSE may request the VPLMN to notify the CSE when a change in Quality of Service has occurred for a PDP Context.

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