

Presentation of Specification to TSG or WG

Presentation to: TSG RAN Meeting #6

Document for presentation: TR 25.323, Version 2.0.0

Presented for: Approval

Abstract of document:

The present document provides the description of the Packet Data Convergence Protocol (PDCP) in the PDCP sublayer of layer 2 of the UTRAN Protocol Stack.

The PDCP sublayer is located on top of the RLC sublayer. It provides its service to the Non Access Stratum in the packet switched domain.

Changes since last presentation to TSG Meeting #5:

All sections of the specification have been reviewed:

A PDCP SDU numbering scheme has been introduced and the PDCP model was slightly changed. An algorithm for IP header compression in release 99 was incorporated, the SRNS relocation procedure was changed due to the PDCP SDU numbering scheme, the primitives have been slightly changed and a PDU format is introduced.

Outstanding Issues:

Mechanism when PDCP PDUs are discarded by RLC must be studied.

Signalling is needed between UE and target SRNS in case of lossless SRNS relocation. The signalling may be done by RRC and is not defined yet.

Contentious Issues: