

show llc

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Note

- This table is relevant to 8.0 releases only.
- All statistics in this table are available per GPRS service.

Table 1: show llc statistics Command Output Descriptions

Field	Description
LLC SAP Statistics	
Data transfer	
Data requests Rx	Number of LLC data requests received from the MS.
Data confirms Tx	Number of LLC data requests confirmation sent to the MS.
Data indications Tx	Number of LLC data indications sent to the MS.
Data-Sent indications Tx	Number of LLC data sent indications sent to the MS.
Unit data requests Rx	Number of LLC unit data requests received from the MS.
Unit data requests Rx Drop	**Description**: This proprietary counter indicates the total number of unit data requests received from SNDCP layer and dropped at the LLC layer. **Triggers**: Increments when LLC receives a downlink packet from SNDCP and the queue in LLC layer is full.
Unit data indications Tx	Number of LLC unit data indications sent to the MS.
Errors reported	
Discarded frames Rx	Number of LLC discarded frames received from the MS.

Field	Description
Discarded frames Tx	Number of LLC discarded frames sent to the MS.
Error frames Rx	Number of LLC error frames received from the MS.
Unrecognised frames Rx	Number of LLC unrecognized frames received from the MS.
XID collisions	Number of LLC exchange identifier (XID) request collisions.
OC Increments done	This counter indicates how many times the OC value is incremented by "512". Overflow Counter (OC) is incremented by "512" every time the received LFN (LLC Frame Number -> N(U)) wraps around from "512" to "0", and re-starts counting from "0".
Ciphering errors	Number of LLC ciphering errors.
FCS errors	Number of LLC frame check sequence errors.
LLC Frame statistics	
Octets Rx	Number of bytes of LLC frames received from an MS.
Octets Tx	Number of bytes sent from the LLC layer to an MS from the SGSN.
Unack frames Rx	Number of unacknowledged UI frames received at the LLC layer from an MS.
Unack frames Tx	Number of unacknowledged UI frames sent from the LLC to an MS.
UI Rx	Number of LLC frames with unnumbered information received from the MS.
UI Tx	Number of LLC frames with unnumbered information sent to the MS.
UI Ciphered frames Rx	Number of LLC frames with ciphered unnumbered information received from the MS.
UI Ciphered frames Tx	Number of LLC frames with ciphered unnumbered information sent to the MS.
XID Rx	Number of XID-reset messages received from the MS.
XID Tx	Number of XID-reset messages sent to the MS.