**From CCSDS 232.0-B-3 TC SDLP**



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**From CCSDS 232.0-B-3 TC SDLP**



**From USLP draft SDLP book**



**From USLP draft SDLP book**



Table 2‑1 : Summary of Services Provided by USLP Space Data Link Protocol

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Service | Service Type | Service Data Unit | SAP Address | SDLS Security Features |
| MAP Packet (MAPP) | Sequence-Controlled and Expedited, Asynchronous | Packet | GMAP ID + PVN  | All |
| MAP PDU(“For Future Discussion“) | Sequence-Controlled and Expedited, Asynchronous | CCSDS Recognized PDUs – See SANA protocol ID registry | UPID | All |
| MAP Access (MAPA) | Sequence-Controlled and Expedited, Asynchronous or Periodic | MAP\_SDU | GMAP ID | All |
| Virtual Channel Octet Stream | Asynchronous or Periodic | Octet Stream Data | GVCID | All |
| Virtual Channel Operational Control Field (VC\_OCF) | Synchronous or Periodic | OCF\_SDU | GVCID | None |
| Virtual Channel Frame (VCF) | Asynchronous or Periodic | Transfer Frame | GVCID | None |
| Master Channel Frame (MCF) | Asynchronous or Periodic | Transfer Frame | MCID | None |
| Isochronous Insert | Periodic | IN\_SDU | Physical Channel Name | None |
| On-demand Insert (“For Future Discussion”) | Asynchronous | IN\_SDU | GVCID | None |

