|  |  |  |  |
| --- | --- | --- | --- |
|  | **UPIDS** | **Value** | **Length Field Included in Upper Layer Protocol Data Unit** |
| 1 | Mission Specific Commands (32 by MAPs) |  |  |
| 2 | CCSDS packets (Space and Encapsulated) |  |  |
| 3 | COP-1 Protocol Commands | 00000 |  |
| 4 | COP-P Protocol Commands | 00001 |  |
| 5 | Prox Configuration Commands |  |  |
| 6 | LTP |  | No |
| 7 | BP |  | No |
| 8 | UPID Extension ID | 11111 |  |
| 9 | CFDP |  | Yes |
| 10 | Encap Fill packet |  | Yes |
| 11 | IPv4 |  | Yes |
| 12 | IPv6 |  | Yes |
| 13 | |  |  |  | | --- | --- | --- | | COMPRESSED\_NON\_TCP |  |  | |  | No |
| 14 | COMPRESSED\_RTP\_16 |  | No |
| 15 | COMPRESSED\_RTP\_8 |  | No |
| 16 | COMPRESSED\_TCP |  | No |
| 17 | COMPRESSED\_TCP\_NO\_DELTA |  | No |
| 18 | COMPRESSED\_UDP\_16 |  | No |
| 19 | COMPRESSED\_UDP\_8 |  | No |
| 20 | CONTEXT\_STATE |  | No |
| 21 | Frame Relay IP Header Compression Control Protocol |  | No |
| 22 | FULL\_HEADER |  |  |
|  |  |  |  |
|  |  |  |  |
|  | LTP over Ecap | (001) |  |
|  | BP over Encap | (100) |  |
|  | Arbitrary Aggregation Of Octets | (111) |  |
|  | Fill | (000) |  |
|  | CFDP Data Units | (011) |  |
|  | Internet Protocol Extention | (010) |  |
|  | IPv4 | 33 | [[STD5](http://www.rfc-editor.org/std/std5.txt)] |
|  | IPv6 | 87 | [[RFC2460](http://www.rfc-editor.org/rfc/rfc2460.txt)] |
|  | |  |  |  | | --- | --- | --- | | COMPRESSED\_NON\_TCP |  |  | | 103 | [[RFC2507](http://www.rfc-editor.org/rfc/rfc2507.txt)] |
|  | COMPRESSED\_RTP\_16 | 107 | [RFC2508](http://www.rfc-editor.org/rfc/rfc2508.txt)] |
|  | COMPRESSED\_RTP\_8 | 105 | [[RFC2508](http://www.rfc-editor.org/rfc/rfc2508.txt)] |
|  | COMPRESSED\_TCP | 99 | [[RFC2507](http://www.rfc-editor.org/rfc/rfc2507.txt)] |
|  | COMPRESSED\_TCP\_NO\_DELTA | 101 | [[RFC2507](http://www.rfc-editor.org/rfc/rfc2507.txt)] |
|  | COMPRESSED\_UDP\_16 | 111 | [[RFC2508](http://www.rfc-editor.org/rfc/rfc2508.txt)] |
|  | COMPRESSED\_UDP\_8 | 109 | [[RFC2508](http://www.rfc-editor.org/rfc/rfc2508.txt)] |
|  | CONTEXT\_STATE | 113 | [[RFC2507](http://www.rfc-editor.org/rfc/rfc2507.txt)][[RFC2508](http://www.rfc-editor.org/rfc/rfc2508.txt)] |
|  | Frame Relay IP Header Compression Control Protocol | 36 |  |
|  | FULL\_HEADER | 87 | [[RFC2507](http://www.rfc-editor.org/rfc/rfc2507.txt)] |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |