**G-PIDs vs Payload types defined in Table 15-8 of G.709**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| G-PID | LSP Encoding | Payload Type in Hex code defined in G.709 | Note | Interpretation from G.709 |
| None |  | 0x01 | Not needed | Experimental mapping (Note 3) |
| 49 | G.709 ODUk, G.709 OCh | 0x02 | 1)G-PID defined in RFC4328; 2) Updated in this draft. | Asynchronous CBR mapping, see clause 17.2 |
| 50 | G.709 ODUk | 0x03 | ditto | Bit synchronous CBR mapping, see clause 17.2 |
| 32 | SDH, G.709 ODUk | 0x04 | ditto | ATM mapping, see clause 17.3 |
| 54 | G.709 ODUk (and SDH) | 0x05 | G-PIDs defined in RFC4328 with two kinds of GFPs (Ethernet MAC (framed GFP)  | GFP mapping, see clause 17.4 |
| None |  | 0x06 | Not needed and Not defined in RFC4328 | Virtual Concatenated signal, see clause 18 (Note 5) |
| 61(TBA) | G.709 ODUk (k=0,3,4) | 0x07 | Is being defined in this draft (new payload type defined in [G.709-2012]) | PCS codeword transparent Ethernet mapping:* 1000BASE-X into OPU0, see clauses 17.7.1 and 17.7.1.1
* 40GBASE-R into OPU3, see clauses 17.7.4 and 17.7.4.1
* 100GBASE-R into OPU4, see clauses 17.7.5 and 17.7.5.1
 |
| 62(TBA) | G.709 ODUk (k=2e) | 0x08 | ditto | FC-1200 into OPU2e mapping, see clause 17.8.2 |
| 63(TBA) | G.709 ODUk (k=2) | 0x09 | ditto | GFP mapping into Extended OPU2 payload, see clause 17.4.1 (Note 6) |
| 64(TBA) | G.709 ODUk (k=0) | 0x0A | ditto | STM-1 mapping into OPU0, see clause 17.7.1 |
| 65(TBA) | G.709 ODUk (k=0) | 0x0B | ditto | STM-4 mapping into OPU0, see clause 17.7.1 |
| 66(TBA) | G.709 ODUk (k=0) | 0x0C | ditto | FC-100 mapping into OPU0, see clause 17.7.1 |
| 67(TBA) | G.709 ODUk (k=1) | 0x0D | ditto | FC-200 mapping into OPU1, see clause 17.7.2 |
| 68(TBA) | G.709 ODUflex | 0x0E | ditto | FC-400 mapping into OPUflex, see clause 17.9 |
| 69(TBA) | G.709 ODUflex | 0x0F | ditto | FC-800 mapping into OPUflex, see clause 17.9 |
| 51 | G.709 ODUk | 0x10 | 1)G-PID defined in RFC4328; 2) Updated in this draft. | Bit stream with octet timing mapping, see clause 17.6.1 |
| 52 | G.709 ODUk | 0x11 | ditto | Bit stream without octet timing mapping, see clause 17.6.2 |
| 70(TBA) | G.709 ODUflex | 0x12 | Is being defined in this draft (new payload type defined in [G.709-2012]) | IB SDR mapping into OPUflex, see 17.9 |
| 71(TBA) | G.709 ODUflex | 0x13 | ditto | IB DDR mapping into OPUflex, see 17.9 |
| 72(TBA) | G.709 ODUflex | 0x14 | ditto | IB QDR mapping into OPUflex, see 17.9 |
| 73(TBA) | G.709 ODUk (k=0) | 0x15 | ditto | SDI mapping into OPU0, see 17.7.1 |
| 74(TBA) | G.709 ODUk (k=1) | 0x16 | ditto | (1.485/1.001) Gbit/s SDI mapping into OPU1, see 17.7.2 |
| 75(TBA) | G.709 ODUk (k=1) | 0x17 | ditto | 1.485 Gbit/s SDI mapping into OPU1, see 17.7.2 |
| 76(TBA) | G.709 ODUflex | 0x18 | ditto | (2.970/1.001) Gbit/s SDI mapping into OPUflex, see 17.9 |
| 77(TBA) | G.709 ODUflex | 0x19 | ditto | 2.970 Gbit/s SDI mapping into OPUflex, see 17.9 |
| 78(TBA) | G.709 ODUk (k=0) | 0x1A | ditto | SBCON/ESCON mapping into OPU0, see 17.7.1  |
| 79(TBA) | G.709 ODUk (k=0) | 0x1B | ditto | DVB\_ASI mapping into OPU0, see 17.7.1  |
| 47 | G.709 ODUk  | 0x20 | 1) G-PIDs defined in RFC4328. 2) Updated in this draft. | ODU multiplex structure supporting ODTUjk only, see clause 19 (AMP only) |
| 59/60 | G.709 ODUk | 0x21 | 1)Are being defined in this draft (new payload type defined in [G.709-2012]);2) 59 for G.709 ODU-1.25G; 60 for G.709 ODU-any | ODU multiplex structure supporting ODTUk.ts or ODTUk.ts and ODTUjk, see clause 19 (GMP capable) (Note 7) |
| None |  | 55 | Not needed | Not available (Note 2) |
| None |  | 66 | Not needed | Not available (Note 2) |
| None |  | 80-8F | Not needed | Reserved codes for proprietary use (Note 4) |
| None |  | FD | Not needed | NULL test signal mapping, see clause 17.5.1 |
| None |  | FE | Not needed | PRBS test signal mapping, see clause 17.5.2 |
| None |  | FF | Not needed | Not available (Note 2) |
|  |  |  |  |  |