

08.01.2013

| Programme / Service     |                      |                         | CA-Paket  | CA-Short Name | Detailinformationen  |        |        |          |           |         |        |        |          |           |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |      |  |
|-------------------------|----------------------|-------------------------|---|---------------|--|--------|--------|----------|-----------|---------|--------|--------|----------|-----------|--------|--------|--------|--------|--------|---------|--------|---------|--------|--------|--------|--------|--------|--------|--------|------|--|
| 1M TP 67 (TS-ID 0x0011) |                      |                         | (Belegung KDG) Kanal S27  |               | Service ID   |        | Sky    |          |           | KDG     |        |        |          | TC        |        | SES    |        | Video  |        | Audio 1 |        | Audio 2 |        | AC3    |        | AC3    |        | TTX    |        | Data |  |
| CAS_ID                  |                      |                         |   | 354 Mhz       | dez  | hex    | PMT    | N.B.Grau | N.B. Weiß | N.B.Hot | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | Nagra  | NDS    | NDS    | SES    |        |         |        |         |        |        |        |        |        |        |        |      |  |
| 129                     | Syfy                 | Sky Welt                | SCFI  | 36            | 0x0204   | 0x0093 | 0x1772 | 0x1872   | 0x1872    | 0x1836  | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861 | 0x09C7 | 0x09AF | 0x1837 | 0x03FF | 0x0400  | 0x0401 |         |        |        |        |        |        | 0x0020 | 0x0020 |      |  |
| 130                     | Reise-Usseu-TV       | Sky Welt                | BUHSE   | 21            | 0x0015   | 0x0095 | 0x1772 | 0x1872   | 0x1872    | 0x1836  | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861 | 0x09C7 | 0x09AF | 0x1837 | 0x03FF | 0x0400  | 0x0401 |         |        |        |        |        |        | 0x0020 | 0x0020 |      |  |
| 131                     | Heimatkanal          | Sky Welt                | HEIMAT  | 22            | 0x0016   | 0x0096 | 0x1760 | 0x1860   | 0x1860    | 0x1836  | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861 | 0x09C7 | 0x09AF | 0x1837 | 0x05FF | 0x0600  | 0x0600 |         |        |        |        |        |        | 0x0020 | 0x0020 |      |  |
| 132                     | Goldstar TV          | Sky Welt                | GOLDSTAR  | 518           | 0x0206   | 0x0091 | 0x1762 | 0x1862   | 0x1862    | 0x1836  | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861 | 0x09C7 | 0x09AF | 0x1837 | 0x02FF | 0x0300  | 0x0300 |         |        |        |        |        |        | 0x0020 | 0x0020 |      |  |
| 133                     | Classica             | Sky Welt                | CLASSIC   | 24            | 0x0018   | 0x0090 | 0x17A6 | 0x18A6   | 0x18A6    | 0x1836  | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861 | 0x09C7 | 0x09AF | 0x1837 | 0x01FF | 0x0200  | 0x0200 |         |        |        |        |        |        | 0x0020 | 0x0020 |      |  |
| 134                     | Disney Channel       | Sky Welt                | DISNEY  | 34            | 0x0022   | 0x0092 | 0x176C | 0x186C   | 0x186C    | 0x1836  | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861 | 0x09C7 | 0x09AF | 0x1837 | 0x08FF | 0x0A00  | 0x0A00 |         |        |        |        |        |        | 0x0020 | 0x0020 |      |  |
| 135                     | Disney XD            | Sky Welt                | DISNEYXD  | 28            | 0x001C   | 0x0097 | 0x176E | 0x186E   | 0x186E    | 0x1836  | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861 | 0x09C7 | 0x09AF | 0x1837 | 0x04FF | 0x0500  | 0x0500 | 0x0501  |        |        |        |        |        | 0x0020 | 0x0020 |      |  |
| 136                     | Disney Junior        | Sky Welt                | DISJUN  | 26            | 0x001A   | 0x0098 | 0x1764 | 0x1864   | 0x1864    | 0x1836  | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861 | 0x09C7 | 0x09AF | 0x1837 | 0x02FF | 0x0300  | 0x0300 |         |        |        |        |        |        | 0x0020 | 0x0020 |      |  |
| 137                     | Junior               | Sky Welt                | JUNIOR  | 19            | 0x0013   | 0x0094 | 0x1770 | 0x1870   | 0x1870    | 0x1836  | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861 | 0x09C7 | 0x09AF | 0x1837 | 0x00FF | 0x0100  | 0x0100 |         |        |        |        |        |        | 0x0020 | 0x0020 |      |  |
|                         |                      |                         |   |               |  |        |        |          |           |         |        |        |          |           |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |      |  |
|                         | Sky Select 7         | Sky Select              | SELECT_7  | 311           | 0x0137   | 0x006B | 0x1774 | 0x1874   | 0x1874    | 0x1836  | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861 | 0x09C7 | 0x09AF | 0x1837 | 0x08FF | 0x0C00  | 0x0C01 | 0x0C01  |        |        |        |        |        | 0x0020 | 0x0020 |      |  |
|                         | Sky Bundesliga 6     | Sky Fussball Bundesliga | BULLI_07  | 312           | 0x0138   | 0x006C | 0x1784 | 0x1884   | 0x1884    | 0x1836  | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861 | 0x09C7 | 0x09AF | 0x1837 | 0x10FF | 0x1100  | 0x1101 | 0x1101  |        |        |        |        |        | 0x0020 | 0x0020 |      |  |
|                         | Sky Sport 6          | Sky Sport               | SPORT_06  | 313           | 0x0139   | 0x006F | 0x177A | 0x187A   | 0x187A    | 0x1836  | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861 | 0x09C7 | 0x09AF | 0x1837 | 0x0EFF | 0x0F00  | 0x0F01 | 0x0F01  |        |        |        |        |        | 0x0020 | 0x0020 |      |  |
|                         |                      |                         |   |               |  |        |        |          |           |         |        |        |          |           |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |      |  |
|                         | Sky Select 8         | Sky Select              | SELECT_8  | 321           | 0x0141   | 0x006D | 0x1778 | 0x1878   | 0x1878    | 0x1836  | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861 | 0x09C7 | 0x09AF | 0x1837 | 0x0CFF | 0x0D00  | 0x0D01 | 0x0D01  |        |        |        |        |        | 0x0020 | 0x0020 |      |  |
|                         | Sky Bundesliga 7     | Sky Fussball Bundesliga | BULLI_08  | 322           | 0x0142   | 0x0071 | 0x1786 | 0x1886   | 0x1886    | 0x1836  | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861 | 0x09C7 | 0x09AF | 0x1837 | 0x11FF | 0x1200  | 0x1201 | 0x1201  |        |        |        |        |        | 0x0020 | 0x0020 |      |  |
|                         | Sky Sport 5          | Sky Sport               | SPORT_05  | 323           | 0x0143   | 0x0069 | 0x1790 | 0x1890   | 0x1890    | 0x1836  | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861 | 0x09C7 | 0x09AF | 0x1837 | 0x08FF | 0x0900  | 0x0901 | 0x0901  |        |        |        |        |        | 0x0020 | 0x0020 |      |  |
|                         |                      |                         |   |               |  |        |        |          |           |         |        |        |          |           |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |      |  |
|                         | Sky Select 9         | Sky Select              | SELECT_9  | 331           | 0x014B   | 0x0073 | 0x1776 | 0x1876   | 0x1876    | 0x1836  | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861 | 0x09C7 | 0x09AF | 0x1837 | 0x0DFF | 0x0E00  | 0x0E01 | 0x0E01  |        |        |        |        |        | 0x0020 | 0x0020 |      |  |
|                         | Sky Bundesliga 8     | Sky Fussball Bundesliga | BULLI_09  | 332           | 0x014C   | 0x0072 | 0x1788 | 0x1888   | 0x1888    | 0x1836  | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861 | 0x09C7 | 0x09AF | 0x1837 | 0x12FF | 0x1300  | 0x1301 | 0x1301  |        |        |        |        |        | 0x0020 | 0x0020 |      |  |
|                         | Sky Sport 4          | Sky Sport               | SPORT_04  | 333           | 0x014D   | 0x006A | 0x1794 | 0x1894   | 0x1894    | 0x1836  | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861 | 0x09C7 | 0x09AF | 0x1837 | 0x0AFF | 0x0B00  | 0x0B01 | 0x0B01  |        |        |        |        |        | 0x0020 | 0x0020 |      |  |
|                         |                      |                         |   |               |  |        |        |          |           |         |        |        |          |           |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |      |  |
|                         |                      |                         |   | dez           | hex  | PMT    |        |          |           |         |        |        |          |           |        |        |        |        | Data   | Data    | Data   | Data    | Data   | Data   | Data   | Data   | Data   | Data   |        |      |  |
|                         | Humax PR-HD3000C     |                         |   | 3980          | 0x0FBC   | 0x0091 |        |          |           |         |        |        |          |           |        |        |        |        | 0x0956 | 0x0957  |        |         |        |        |        |        |        |        |        |      |  |
|                         | Pace TDC 865 NSDX    |                         |   | 3994          | 0x0FBA   | 0x0091 |        |          |           |         |        |        |          |           |        |        |        |        | 0x095A | 0x0958  |        |         |        |        |        |        |        |        |        |      |  |
|                         | Samsung DGB-550G IAR |                         |   | 4005          | 0x0FA5   | 0x007A |        |          |           |         |        |        |          |           |        |        |        |        | 0x0960 | 0x0961  |        |         |        |        |        |        |        |        |        |      |  |
|                         | Thomson SAT IPDL     |                         |   | 4007          | 0x0FA7   | 0x006E |        |          |           |         |        |        |          |           |        |        |        |        | 0x096B | 0x096C  |        |         |        |        |        |        |        |        |        |      |  |
|                         |                      |                         |   |               |  |        |        |          |           |         |        |        |          |           |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |      |  |
|                         | CPT TP67             |                         |   | 3504          | 0x0DB0   | 0x0070 |        |          |           |         |        |        |          |           |        |        |        |        | 0x0997 |         |        |         |        |        |        |        |        |        |        |      |  |
|                         | EMM                  |                         |   |               |  |        |        |          |           |         |        |        |          |           |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |      |  |
|                         |                      |                         | Einstellungen Sat-Empfang: DVB-S2 (QPSK), 27.500 MSym/s, FEC 9/10 |               | Einstellungen Kabelempfang (Empfehlung): 6.900 MSym/s, Modulation: 256 QAM |        |        |          |           |         |        |        |          |           |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |      |  |
| Programme / Service     |                      |                         | CA-Paket  |               | Service ID   |        | Sky    |          |           | KDG     |        |        |          | TC        |        | SES    |        | Video  |        | Audio 1 |        | Audio 2 |        | AC3/1  |        | AC3/2  |        | TTX    |        | Data |  |
| 2C TP 75 (TS-ID 0x0006) |                      |                         | (Belegung KDG)  |               | dez  | hex    | PMT    | N.B.Grau | N.B. Weiß | N.B.Hot | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | Nagra  | NDS    | NDS    | SES    |        |         |        |         |        |        |        |        |        |        |        |      |  |
| CAS_ID                  |                      |                         |   |               |  |        |        | 0x1702   | 0x1833    | 0x1836  | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861 | 0x09C7 | 0x09AF | 0x1837 |        |         |        |         |        |        |        |        |        |        |        |      |  |
| 138                     | Sky Cinema HD        | Sky HD Film             | PSN_HD  | 131           | 0x0083   | 0x0064 |        |          |           | 0x1886  | 0x1A86 |        | 0x1C86   | 0x1886    | 0x1D86 | 0x1F86 | 0x04FF |        |        |         |        |         |        | 0x0503 | 0x0504 |        | 0x0020 | 0x0020 |        |      |  |
| 139                     | Discovery Channel HD | Sky HD Welt             | DISCOVHD  | 130           | 0x0082   | 0x0063 |        |          |           | 0x188C  | 0x1A8C |        | 0x1C8C   | 0x188C    | 0x1D8C | 0x1F8C | 0x03FF |        |        |         |        |         |        | 0x0403 | 0x0404 |        | 0x0020 | 0x0020 |        |      |  |
| 140                     | Eurosport HD         | Sky HD Welt             | EUROSPHD  | 132           | 0x0084   | 0x0065 |        |          |           | 0x188B  | 0x1A8B |        | 0x1C8B   | 0x188B    | 0x1D8B | 0x1F8B | 0x08FF |        |        |         |        |         |        | 0x0603 | 0x0604 |        | 0x0020 | 0x0020 |        |      |  |
| 141                     | Sky Sport HD 1       | Sky HD Sport            | PSN_SPHD  | 129           | 0x0081   | 0x0062 |        |          |           | 0x188A  | 0x1A8A |        | 0x1C8A   | 0x188A    | 0x1D8A | 0x1F8A | 0x02FF |        |        |         | 0x0302 | 0x0303  | 0x0304 | 0x0305 |        | 0x0020 | 0x0020 |        |        |      |  |
|                         |                      |                         |   |               |  |        |        |          |           | 0x1002  | 0x1008 |        |          |           |        | 0x1009 |        |        |        |         |        |         |        |        |        |        |        |        |        |      |  |
|                         | EMM                  |                         |   |               |  |        |        |          |           |         |        |        |          |           |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |      |  |
|                         |                      |                         | Einstellungen Sat-Empfang: DVB-S2 (QPSK), 27.500 MSym/s, FEC 9/10 |               | Einstellungen Kabelempfang (Empfehlung): 6.900 MSym/s, Modulation: 256 QAM |        |        |          |           |         |        |        |          |           |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |      |  |
| Programme / Service     |                      |                         | CA-Paket  |               | Service ID   |        | Sky    |          |           | KDG     |        |        |          | TC        |        | SES    |        | Video  |        | Audio 1 |        | Audio 2 |        | AC3/1  |        | AC3/2  |        | TTX    |        | Data |  |
| 1M TP 79 (TS-ID 0x000D) |                      |                         |   |               | dez  | hex    | PMT    | N.B.Grau | N.B. Weiß | N.B.Hot | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | Nagra  | NDS    | NDS    | SES    |        |         |        |         |        |        |        |        |        |        |        |      |  |
| CAS_ID                  |                      |                         |   |               |  |        |        | 0x1702   | 0x1833    | 0x1836  | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861 | 0x09C7 | 0x09AF | 0x1837 |        |         |        |         |        |        |        |        |        |        |        |      |  |
| 142                     | Sky Sport HD 2       | Sky HD Sport            | PSN_SHD2  | 114           | 0x0072   | 0x0063 |        |          |           | 0x1801  | 0x1A01 |        | 0x1C01   | 0x1801    | 0x1D01 | 0x1F01 | 0x03FF |        |        |         | 0x0402 | 0x0403  | 0x0404 | 0x0405 |        | 0x0020 | 0x0020 |        |        |      |  |
| 143                     | Disney Channel HD    | Sky HD Film             | DISNCHD   | 111           | 0x006F   | 0x0060 |        |          |           | 0x1803  | 0x1A03 |        | 0x1C03   | 0x1803    | 0x1D03 | 0x1F03 | 0x08FF |        |        |         |        |         | 0x0103 | 0x0104 |        | 0x0020 | 0x0020 |        |        |      |  |
| 144                     | NatGeo HD            | Sky HD Welt             | NGCHD   | 112           | 0x0070   | 0x0061 |        |          |           | 0x1805  | 0x1A05 |        | 0x1C05   | 0x1805    | 0x1D05 | 0x1F05 | 0x01FF |        |        |         |        |         | 0x0203 | 0x0204 |        | 0x0020 | 0x0020 |        |        |      |  |
| 145                     | History HD           | Sky HD Welt             | HISTCHD   | 113           | 0x0071   | 0x0062 |        |          |           | 0x1807  | 0x1A07 |        | 0x1C07   | 0x1807    | 0x1D07 | 0x1F07 | 0x02FF |        |        |         |        |         | 0x0303 | 0x0304 |        | 0x0020 | 0x0020 |        |        |      |  |
| 146                     | Sky Atlantic HD      | Sky HD Film             | SKY ATHD  | 110           | 0x006E   | 0x0064 |        |          |           | 0x180E  | 0x1A0E |        | 0x1C0E   | 0x180E    | 0x1D0E | 0x1F0E | 0x04FF |        |        |         |        |         | 0x0503 | 0x0504 |        | 0x0020 | 0x0020 |        |        |      |  |
|                         |                      |                         |   |               |  |        |        |          |           | 0x1002  | 0x1008 |        |          |           |        | 0x1009 |        |        |        |         |        |         |        |        |        |        |        |        |        |      |  |
|                         | EMM                  |                         |   |               |  |        |        |          |           |         |        |        |          |           |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |      |  |
|                         |                      |                         | Einstellungen Sat-Empfang: DVB-S2 (QPSK), 27.500 MSym/s, FEC 9/10 |               | Einstellungen Kabelempfang (Empfehlung): 6.900 MSym/s, Modulation: 256 QAM |        |        |          |           |         |        |        |          |           |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |      |  |
| Programme / Service     |                      |                         | CA-Paket  |               | Service ID   |        | Sky    |          |           | KDG     |        |        |          | TC        |        | SES    |        | Video  |        | Audio 1 |        | Audio 2 |        | AC3/1  |        | AC3/2  |        | TTX    |        | Data |  |
| 1M TP 95 (TS-ID 0x000C) |                      |                         | (Belegung KDG)  |               | dez  | hex    | PMT    | N.B.Grau | N.B. Weiß | N.B.Hot | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | Nagra  | NDS    | NDS    | SES    |        |         |        |         |        |        |        |        |        |        |        |      |  |
| CAS_ID                  |                      |                         |   |               |  |        |        | 0x1702   | 0x1833    | 0x1836  | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861 | 0x09C7 | 0x09AF | 0x1837 |        |         |        |         |        |        |        |        |        |        |        |      |  |
| 147                     | Sky Action HD        | Sky HD Film             | PSN_AHD   | 108           | 0x006A   | 0x0061 |        |          |           | 0x1809  | 0x1A09 |        | 0x1C09   | 0x1809    | 0x1D09 | 0x1F09 | 0x01FF |        |        |         |        |         |        | 0x0203 | 0x0204 |        | 0x0020 | 0x0020 |        |      |  |
| 148                     |                      |                         |   |               |  |        |        |          |           |         |        |        |          |           |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |      |  |

## Sky Welt Extra (nur SAT-Freischaltung) auf Astra 19,2° Ost

| Einstellungen Sat-Empfang: 22,00 Msym/s; FEC 7/8 |                          |                |           |       |            |        |        |          |           | Original-Network-ID = 0x0085 (dez = 133) |        |        |          |           |         |        |        |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
|--|--------------------------|----------------|-----------|-------|------------|--------|--------|----------|-----------|--|--------|--------|----------|-----------|---------|--------|--------|----------|-----------|---------------|--------|--------|----------|-----------|---------|--------|--------|--|--|---------------------|--|--|--|--|--|--|--|--|--|
| Programme / Service                              |                          |                |           |       |            |        |        |          |           | CA-Paket                                 |        |        |          |           |         |        |        |          |           | CA-Short Name |        |        |          |           |         |        |        |  |  | Detailinformationen |  |  |  |  |  |  |  |  |  |
| 1KR  | TP 63 (TS-ID 0x000F)     |                |           |       | Service ID |        |        |          | SKY       |  | KDG    |        | TC       |           | SES     |        | PIDs   |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| CAS_ID   | 10.920,75 GHz horizontal |                |           |       | dez        | hex    | PMT    | N.B.Grau | N.B. Weiß | N.B.Hot                                  | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot       | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot | NDS    | NDS P2 |  |  |                     |  |  |  |  |  |  |  |  |  |
| 164  | History                  | Sky Welt Extra | HISTORY   | 58    | 0x003A     | 0x0068 | 0x1731 | 0x1831   | 0x1836    | 0x09C4                                   | 0x098C | 0x1722 | 0x1834   | 0x1861    | 0x09C7  | 0x09AF | 0x1837 |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| 165  | Boomerang                | Sky Welt Extra | BOOMER    | 56    | 0x0038     | 0x0066 | 0x172D | 0x182D   | 0x182C    | 0x09C4                                   | 0x098C | 0x1722 | 0x1834   | 0x1861    | 0x09C7  | 0x09AF | 0x1837 |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| 166  | Cartoon Network (S)      | Sky Welt Extra | CARTNET   | 39    | 0x0027     | 0x0064 | 0x1729 | 0x1829   | 0x1829    | 0x09C4                                   | 0x098C | 0x1722 | 0x1834   | 0x1861    | 0x09C7  | 0x09AF | 0x1837 |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| 167  | TNT Film (TCM)           | Sky Welt Extra | TCMOVIES  | 35    | 0x0023     | 0x0061 | 0x1723 | 0x1823   | 0x1823    | 0x09C4                                   | 0x098C | 0x1722 | 0x1834   | 0x1861    | 0x09C7  | 0x09AF | 0x1837 |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| 168  | Kinowelt TV              | Sky Welt Extra | KINOWEITV | 33    | 0x0021     | 0x0060 | 0x1721 | 0x1821   | 0x1821    | 0x09C4                                   | 0x098C | 0x1722 | 0x1834   | 0x1861    | 0x09C7  | 0x09AF | 0x1837 |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| 169  | Romance TV               | Sky Welt Extra | ROMANCTV  | 38    | 0x0026     | 0x0063 | 0x1727 | 0x1827   | 0x1827    | 0x09C4                                   | 0x098C | 0x1722 | 0x1834   | 0x1861    | 0x09C7  | 0x09AF | 0x1837 |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| 170  | AXN Action               | Sky Welt Extra | AXN       | 37    | 0x0025     | 0x0062 | 0x1725 | 0x1825   | 0x1825    | 0x09C4                                   | 0x098C | 0x1722 | 0x1834   | 0x1861    | 0x09C7  | 0x09AF | 0x1837 |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| 171  | Biography Channel        | Sky Welt Extra | BIOGRA_2  | 57    | 0x0039     | 0x0067 | 0x172F | 0x182F   | 0x182F    | 0x09C4                                   | 0x098C | 0x1722 | 0x1834   | 0x1861    | 0x09C7  | 0x09AF | 0x1837 |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| 172  | Eurosport 2 Deutschland  | Sky Welt Extra | EUROSP_2  | 55    | 0x0037     | 0x0065 | 0x172B | 0x182B   | 0x182B    | 0x09C4                                   | 0x098C | 0x1722 | 0x1834   | 0x1861    | 0x09C7  | 0x09AF | 0x1837 |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| 173  | sportdigital             | Sky Welt Extra | SPORTDTV  | 59    | 0x003B     | 0x0069 | 0x1733 | 0x1833   | 0x1833    | 0x09C4                                   | 0x098C | 0x1722 | 0x1834   | 0x1861    | 0x09C7  | 0x09AF | 0x1837 |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
|  |                          |                |           | dez   | hex        | PMT    |        |          |           |  |        |        |          |           |         |        |        |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
|  | Humax_iordHD             |                |           | 4029  | 0x0FBD     | 0x0091 |        |          |           |  |        |        |          |           |         |        |        |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
|  | EMM                      |                |           |       |            |        | 0x1000 | 0x1002   |           | 0x1008                                   | 0x1008 |        |          |           |         |        |        |          | 0x1004    |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| Einstellungen Sat-Empfang: 22,00 Msym/s; FEC 5/6 |                          |                |           |       |            |        |        |          |           | Original-Network-ID = 0x001              |        |        |          |           |         |        |        |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| 1L   | TP 107 (TS-ID 0x0453)    |                |           |       | Service ID |        |        |          | SKY       |  | KDG    |        | TC       |           | SES     |        | PIDs   |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| CAS_ID   | 12.545 GHz horizontal    |                |           |       | dez        | hex    | PMT    | N.B.Grau | N.B. Weiß | N.B.Hot                                  | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot       | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot | NDS    | NDS P2 |  |  |                     |  |  |  |  |  |  |  |  |  |
|  |                          |                |           |       |            |        |        | 0x1702   | 0x1833    | 0x1836                                   | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861  | 0x09C7 | 0x09AF | 0x1837   |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
|  | Sat.1 emotions           | Sky Welt Extra |           | 17505 | 0x4461     | 0x0065 | 0x17C4 | 0x18C4   | 0x18C4    | 0x09C4                                   | 0x098C | 0x1722 | 0x1834   | 0x1861    | 0x09C7  | 0x09AF | 0x1837 |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
|  | kabel eins CLASSICS      | Sky Welt Extra |           | 17506 | 0x4462     | 0x0066 | 0x17C5 | 0x18C5   | 0x18C5    | 0x09C4                                   | 0x098C | 0x1722 | 0x1834   | 0x1861    | 0x09C7  | 0x09AF | 0x1837 |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| Einstellungen Sat-Empfang: 22,00 Msym/s; FEC 5/6 |                          |                |           |       |            |        |        |          |           | Original-Network-ID = 0x001              |        |        |          |           |         |        |        |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| 1L   | TP 115 (TS-ID 0x045B)    |                |           |       | Service ID |        |        |          | SKY       |  | KDG    |        | TC       |           | SES     |        | PIDs   |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| CAS_ID   | 12.663 GHz horizontal    |                |           |       | dez        | hex    | PMT    | N.B.Grau | N.B. Weiß | N.B.Hot                                  | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot       | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot | NDS    | NDS P2 |  |  |                     |  |  |  |  |  |  |  |  |  |
|  |                          |                |           |       |            |        |        | 0x1702   | 0x1833    | 0x1836                                   | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861  | 0x09C7 | 0x09AF | 0x1837   |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
|  | ORF III                  | Sky Welt Extra |           | 13101 | 0x332D     | 0x044D | 0x0136 | 0x019A   | 0x019A    | 0x01E0                                   | 0x01EA | 0x01E0 | 0x01EA   | 0x01E0    | 0x01EA  | 0x01E0 | 0x01EA | 0x01E0   | 0x01EA    | 0x01E0        | 0x03F2 | 0x03F3 |          |           |         |        | 0x03F5 |  |  |                     |  |  |  |  |  |  |  |  |  |
|  | ESPN America (S)         | Sky Welt Extra |           | 13105 | 0x3331     | 0x0451 | 0x0154 | 0x01BA   | 0x01BA    | 0x01D6                                   | 0x01D7 | 0x01D6 | 0x01D7   | 0x01D6    | 0x01D7  | 0x01D6 | 0x01D7 | 0x01D6   | 0x01D7    | 0x01D6        | 0x0442 | 0x0443 |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| Einstellungen Sat-Empfang: 27,50 Msym/s; FEC 3/4 |                          |                |           |       |            |        |        |          |           | Original-Network-ID = 0x001              |        |        |          |           |         |        |        |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| 1M   | TP 78 (TS-ID 0x0436)     |                |           |       | Service ID |        |        |          | SKY       |  | KDG    |        | TC       |           | SES     |        | PIDs   |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| CAS_ID   | 11.973 GHz vertikal      |                |           |       | dez        | hex    | PMT    | N.B.Grau | N.B. Weiß | N.B.Hot                                  | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot       | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot | NDS    | NDS P2 |  |  |                     |  |  |  |  |  |  |  |  |  |
|  |                          |                |           |       |            |        |        | 0x1702   | 0x1833    | 0x1836                                   | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861  | 0x09C7 | 0x09AF | 0x1837   |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
|  | MTV Germany              | Sky Welt Extra |           | 28673 | 0x7001     | 0x01A5 | 0x184E | 0x1858   | 0x184E    | 0x1862                                   | 0x1882 | 0x1862 | 0x1882   | 0x1862    | 0x1882  | 0x1862 | 0x1882 | 0x1862   | 0x1882    | 0x100F        | 0x1010 |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
|  | Nicktoons (S)            | Sky Welt Extra |           | 28682 | 0x700A     | 0x01A6 | 0x184F | 0x1859   | 0x184F    | 0x1863                                   | 0x1881 | 0x1863 | 0x1881   | 0x1863    | 0x1881  | 0x1863 | 0x1881 | 0x1863   | 0x1881    | 0x1019        | 0x101A |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| Einstellungen Sat-Empfang: 27,50 Msym/s; FEC 3/4 |                          |                |           |       |            |        |        |          |           | Original-Network-ID = 0x001              |        |        |          |           |         |        |        |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| 1M   | TP 1.068 (TS-ID 0x042C)  |                |           |       | Service ID |        |        |          | SKY       |  | KDG    |        | TC       |           | SES     |        | PIDs   |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| CAS_ID   | 11.778 GHz vertikal      |                |           |       | dez        | hex    | PMT    | N.B.Grau | N.B. Weiß | N.B.Hot                                  | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot       | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot | NDS    | NDS P2 |  |  |                     |  |  |  |  |  |  |  |  |  |
|  |                          |                |           |       |            |        |        | 0x1702   | 0x1833    | 0x1836                                   | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861  | 0x09C7 | 0x09AF | 0x1837   |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
|  | MTV Live HD              | Sky HD Welt    |           | 28600 | 0x6F8B     | 0x03E9 | 0x07EA | 0x07EB   | 0x07EA    | 0x07EB                                   | 0x07EE | 0x07EB | 0x07EE   | 0x07EB    | 0x07EE  | 0x07EB | 0x07EE | 0x07EB   | 0x07EE    | 0x0700        | 0x0701 |        |          | 0x07D2    |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| Einstellungen Sat-Empfang: 27,50 Msym/s; FEC 3/4 |                          |                |           |       |            |        |        |          |           | Original-Network-ID = 0x001              |        |        |          |           |         |        |        |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| 1L   | TP 89 (TS-ID 0x0441)     |                |           |       | Service ID |        |        |          | SKY       |  | KDG    |        | TC       |           | SES     |        | PIDs   |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| CAS_ID   | 12.1875 GHz horizontal   |                |           |       | dez        | hex    | PMT    | N.B.Grau | N.B. Weiß | N.B.Hot                                  | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot       | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot | NDS    | NDS P2 |  |  |                     |  |  |  |  |  |  |  |  |  |
|  |                          |                |           |       |            |        |        | 0x1702   | 0x1833    | 0x1836                                   | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861  | 0x09C7 | 0x09AF | 0x1837   |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
|  | RTL Living               | Sky Welt Extra |           | 12030 | 0x2EFE     | 0x003A | 0x044C | 0x044D   | 0x044D    | 0x044E                                   | 0x0453 | 0x044E | 0x0453   | 0x044E    | 0x0453  | 0x044E | 0x0453 | 0x044E   | 0x0453    | 0x044F        | 0x012D | 0x012F |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| Einstellungen Sat-Empfang: 27,50 Msym/s; FEC 3/4 |                          |                |           |       |            |        |        |          |           | Original-Network-ID = 0x001              |        |        |          |           |         |        |        |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| 1M   | TP 97 (TS-ID 0x0449)     |                |           |       | Service ID |        |        |          | SKY       |  | KDG    |        | TC       |           | SES     |        | PIDs   |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| CAS_ID   | 12.3435 GHz horizontal   |                |           |       | dez        | hex    | PMT    | N.B.Grau | N.B. Weiß | N.B.Hot                                  | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot       | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot | NDS    | NDS P2 |  |  |                     |  |  |  |  |  |  |  |  |  |
|  |                          |                |           |       |            |        |        | 0x1702   | 0x1833    | 0x1836                                   | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861  | 0x09C7 | 0x09AF | 0x1837   |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
|  | Animax                   | Sky Welt Extra |           | 2047  | 0x07FF     | 0x07FF | 0x0780 | 0x0781   | 0x0782    | 0x0782                                   | 0x0783 | 0x0782 | 0x0783   | 0x0782    | 0x0783  | 0x0782 | 0x0783 | 0x0782   | 0x0783    | 0x020C        | 0x020E |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| Zusätzliche Sender auf Astra 19,2° Ost           |                          |                |           |       |            |        |        |          |           | Original-Network-ID = 0x001              |        |        |          |           |         |        |        |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| 2C   | TP 82 (TS-ID 0x043A)     |                |           |       | Service ID |        |        |          | SKY       |  | KDG    |        | TC       |           | SES     |        | PIDs   |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| CAS_ID   | 12,05100 GHz vertikal    |                |           |       | dez        | hex    | PMT    | N.B.Grau | N.B. Weiß | N.B.Hot                                  | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot       | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot | NDS    | NDS P2 |  |  |                     |  |  |  |  |  |  |  |  |  |
|  |                          |                |           |       |            |        |        | 0x1702   | 0x1833    | 0x1836                                   | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861  | 0x09C7 | 0x09AF | 0x1837   |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
|  | PULS 4 Austria           |                |           | 20007 | 0x4E27     | 0x0066 | 0x17C8 | 0x18C8   | 0x18C8    | 0x18C8                                   | 0x1AC8 | 0x18C8 | 0x1AC8   | 0x18C8    | 0x1AC8  | 0x18C8 | 0x1AC8 | 0x18C8   | 0x1AC8    | 0x06FF        | 0x0700 |        |          |           |         | 0x0027 |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| Einstellungen Sat-Empfang: 22,00 Msym/s; FEC 5/6 |                          |                |           |       |            |        |        |          |           | Original-Network-ID = 0x001              |        |        |          |           |         |        |        |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
|  | TP 117 (TS-ID 0x045D)    |                |           |       | Service ID |        |        |          | SKY       |  | KDG    |        | TC       |           | SES     |        | PIDs   |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| CAS_ID   | 12.66225 GHz horizontal  |                |           |       | dez        | hex    | PMT    | N.B.Grau | N.B. Weiß | N.B.Hot                                  | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot       | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot | NDS    | NDS P2 |  |  |                     |  |  |  |  |  |  |  |  |  |
|  |                          |                |           |       |            |        |        | 0x1702   | 0x1833    | 0x1836                                   | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861  | 0x09C7 | 0x09AF | 0x1837   |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
|  | ORF 1                    |                |           | 13001 | 0x32C9     | 0x03E9 | 0x012D | 0x0191   | 0x0191    | 0x01E1                                   | 0x01EB | 0x01E1 | 0x01EB   | 0x01E1    | 0x01EB  | 0x01E1 | 0x01EB | 0x01E1   | 0x01EB    | 0x01E1        | 0x03A0 | 0x03A1 |          |           | 0x03A3  | 0x03A5 | 0x03A9 |  |  |                     |  |  |  |  |  |  |  |  |  |
|  | ORF 2                    |                |           | 13002 | 0x32CA     | 0x03EA | 0x012E | 0x0192   | 0x0192    | 0x01E2                                   | 0x01EC | 0x01E2 | 0x01EC   | 0x01E2    | 0x01EC  | 0x01E2 | 0x01EC | 0x01E2   | 0x01EC    | 0x01E2        | 0x01F4 | 0x01F5 |          |           | 0x01F7  | 0x01F9 | 0x01FC |  |  |                     |  |  |  |  |  |  |  |  |  |
|  | ATV +                    |                |           | 13012 | 0x32D4     | 0x03FC | 0x0135 | 0x0199   | 0x0199    | 0x01E9                                   | 0x01F3 | 0x01E9 | 0x01F3   | 0x01E9    | 0x01F3  | 0x01E9 | 0x01F3 | 0x01E9   | 0x01F3    | 0x01E9        | 0x01FA | 0x01FB |          |           | 0x01FD  | 0x0200 |        |  |  |                     |  |  |  |  |  |  |  |  |  |
|  | EMM                      |                |           |       |            |        |        | 0x0263   | 0x032B    |  | 0x033E | 0x033E |          |           |         |        |        |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| Einstellungen Sat-Empfang: 22,00 Msym/s; FEC 5/6 |                          |                |           |       |            |        |        |          |           | Original-Network-ID = 0x001              |        |        |          |           |         |        |        |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
|  | TP 003 (TS-ID 0x03EB)    |                |           |       | Service ID |        |        |          | SKY       |  | KDG    |        | TC       |           | SES     |        | PIDs   |          |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
| CAS_ID   | 11.24375 GHz horizontal  |                |           |       | dez        | hex    | PMT    | N.B.Grau | N.B. Weiß | N.B.Hot                                  | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot       | NDS    | NDS P2 | N.B.Grau | N.B. Weiß | N.B.Hot | NDS    | NDS P2 |  |  |                     |  |  |  |  |  |  |  |  |  |
|  |                          |                |           |       |            |        |        | 0x1702   | 0x1833    | 0x1836                                   | 0x09C4 | 0x098C | 0x1722   | 0x1834    | 0x1861  | 0x09C7 | 0x09AF | 0x1837   |           |               |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |
|  | ORF SPORT +              |                |           | 13221 | 0x33A5     | 0x00DD | 0x014B | 0x014F   | 0x014F    | 0x01EB                                   | 0x01ED | 0x01EB | 0x01ED   | 0x01EB    | 0x01ED  | 0x01EB | 0x01ED | 0x01EB   | 0x01ED    | 0x01EB        | 0x08A2 | 0x08A3 |          |           | 0x08A7  | 0x08B1 | 0x08B5 |  |  |                     |  |  |  |  |  |  |  |  |  |
|  | ATV 2                    |                |           | 13223 | 0x33A7     | 0x00DF | 0x014C | 0x01B0   | 0x01B0    | 0x01EC                                   | 0x01EE | 0x01EC | 0x01EE   | 0x01EC    | 0x01EE  | 0x01EC | 0x01EE | 0x01EC   | 0x01EE    | 0x01EC        | 0x08B6 | 0x08B7 |          |           | 0x08BB  | 0x08C1 | 0x08C5 |  |  |                     |  |  |  |  |  |  |  |  |  |
|  | EMM                      |                |           |       |            |        |        |          |           |  |        | 0x033E |          |           |         |        |        |          |           | </            |        |        |          |           |         |        |        |  |  |                     |  |  |  |  |  |  |  |  |  |