



Die Einstellungen der Symbolrate und der FEC gelten für alle Sky DVB-S Transponder auf Astra 19.2° Ost, Original-Network-ID = 0x0085 (dez = 133)

Einstellungen Sat-Empfang: 27.500 MSym/s, FEC 3/4 Einstellungen Kabelmpfang (im KDG-Netz): 6.900 MSym/s, Modulation: 64 QAM

2C	TP 69 (TS-ID 0x0002)	Programme / Service	CA-Paket	CA-Short Name	Einstellungen Kabelmpfang (im KDG-Netz): 6.900 MSym/s, Modulation: 64 QAM															
					Service ID				Sky				Detailinformationen							
CAS_ID	hex	PMT	N.B.Grau	N.B.Weiß	N.B.Hotell	NDS	NDS P2	NDS	SES	Video	Audio 1	Audio 2	AC3	AC3	TTX	Data				
100	Sky Cinema	Sky Film	PSN FIL	10	0x000A	0x0065	0x1742	0x1842	0x1843	0x1842	0x1A42	0x1F42								
101	Sky Cinema 1	Sky Film	PSN F01	11	0x000B	0x0067	0x1744	0x1844	0x1844	0x1844	0x1A44	0x1F44								
102	Sky Cinema 24	Sky Film	PSN F24	43	0x002B	0x006D	0x1746	0x1846	0x1846	0x1846	0x1A46	0x1F46								
103	Sky Action	Sky Film	PSN ASD	9	0x0009	0x0066	0x1748	0x1848	0x1848	0x1848	0x1A48	0x1F48								
104	Sky Comedy	Sky Film	PSN CO	8	0x0008	0x0069	0x1718	0x1818	0x1818	0x1A18	0x1F18									
105	Sky Emotion	Sky Film	PSN EM	20	0x0014	0x0061	0x171C	0x181C	0x181C	0x1A1C	0x1F1C									
		Sky Select 1	Sky Select	291	0x00F0	0x0062	0x1702	0x1802	0x1802	0x1A02	0x1F02									
		Sky Select 10	Sky Fussball Bundesliga	BULL_10	292	0x00FC	0x0063	0x1710	0x1810	0x1810	0x1A10	0x1F10								
		Sky Sport 11	Sky Sport	SPORT_11	293	0x00FD	0x0064	0x1712	0x1812	0x1812	0x1A12	0x1F12								
		Sky Select Event A	Sky Select Event	EVENT_1	294	0x00FE	0x0068	0x1714	0x1814	0x1814	0x1A14	0x1F14								
		Sky Select 2	Sky Select	291	0x0105	0x006C	0x1704	0x1804	0x1804	0x1A04	0x1F04									
		Sky Select 2	Sky Fussball Bundesliga	BULL_02	292	0x0106	0x0060	0x1716	0x1816	0x1816	0x1A16	0x1F16								
		Sky Sport 3	Sky Sport	SPORT_03	293	0x0107	0x006A	0x171A	0x181A	0x181A	0x1A1A	0x1F1A								
				dez	hex	PMT							Data	Data	Data	Data	Data			
		Humax PR-HD2002C		3947	0x02F7	0x0292														
		Thomson DC122PFE		4021	0x0FB5	0x0295														
		Philips DS2221_IAR		4022	0x0FB6	0x0296														
		Pace DS830NP		4024	0x0FB8	0x0293														
		STB channel confg.		3499	0x0DAB	0x0291														
		CPT_TP9		3500	0x0DAD	0x0290														
		EMM					0x1000	0x1002		0x1008	0x1008	0x1009								
1M	TP 65 (TS-ID 0x0003)		(Belegung KDG) Kanal S28		Sky															
	11.7950 GHz horizontal		362 MHz	dez	hex	PMT	N.B.Grau	N.B.Weiß	N.B.Hotell	NDS	NDS P2	NDS	SES	Video	Audio 1	Audio 2	AC3	AC3	TTX	Data
106	Sky Nostalgie	Sky Film	PSN NO	516	0x0204	0x006C	0x1728	0x1828	0x1828	0x1A28	0x1F28									
107	Sky Hits	Sky Film	PSN HI	41	0x0029	0x006A	0x174C	0x184C	0x184C	0x1A4C	0x1F4C									
108	Disney Nostalgie	Sky Film	DISNCRNE	25	0x0178	0x0068	0x174E	0x184E	0x184E	0x1A4E	0x1F4E									
109	MSM	Sky Film	MMSD	515	0x0203	0x0061	0x174C	0x184C	0x184C	0x1A4C	0x1F4C									
110	Sky Sport News	Sky Welt	SSN SD	17	0x0011	0x0064	0x1700	0x1800	0x1800	0x1A00	0x1F00									
		Sky Select 3	Sky Select	271	0x010F	0x0067	0x1706	0x1806	0x1806	0x1A06	0x1F06									
		Sky Bundesliga 3	Sky Fussball Bundesliga	BULL_03	272	0x0110	0x0060	0x1730	0x1830	0x1830	0x1A30	0x1F30								
		Sky Sport 4	Sky Sport	SPORT_04	273	0x0111	0x0063	0x1732	0x1832	0x1832	0x1A32	0x1F32								
		Sky Select 4	Sky Select	291	0x0119	0x0068	0x1708	0x1808	0x1808	0x1A08	0x1F08									
		Sky Bundesliga 4	Sky Fussball Bundesliga	BULL_04	292	0x011A	0x0065	0x1734	0x1834	0x1834	0x1A34	0x1F34								
		Sky Sport 5	Sky Sport	SPORT_05	293	0x011B	0x0066	0x1736	0x1836	0x1836	0x1A36	0x1F36								
		Sky Select 5	Sky Select	291	0x0123	0x0069	0x170A	0x180A	0x180A	0x1A0A	0x1F0A									
		Sky Bundesliga 5	Sky Fussball Bundesliga	BULL_05	292	0x0124	0x0060	0x1738	0x1838	0x1838	0x1A38	0x1F38								
		Sky Sport 6	Sky Sport	SPORT_06	293	0x0125	0x006E	0x173A	0x183A	0x183A	0x1A3A	0x1F3A								
		Sky Select 6	Sky Select	301	0x012D	0x0062	0x17A8	0x18A8	0x18A8	0x1AA8	0x1FA8									
		Sky Bundesliga 6	Sky Fussball Bundesliga	BULL_06	302	0x012E	0x006F	0x179C	0x189C	0x189C	0x1A9C	0x1F9C								
		Sky Sport 7	Sky Sport	SPORT_07	303	0x012F	0x0070	0x173E	0x183E	0x183E	0x1A3E	0x1F3E								
		Sky Sport News	Sky Welt	SSN SDD3	241	0x00F1	0x0071	0x1700	0x1800	0x1800	0x1A00	0x1F00								
				dez	hex	PMT							Data	Data	Data	Data	Data	Data	Data	
		BDL / Sky Anytime		200	0x00C8	0x0091							0x1050	0x1051	0x1060	0x1061	0x1062	0x1063	0x1064	
		CPT_TP6		3502	0x0DAD	0x0290							0x1855	0x1068	0x1067	0x1068	0x1069	0x106A	0x106B	
		EMM					0x1000	0x1002		0x1008	0x1008	0x1009	0x0997							
2C	TP 81 (TS-ID 0x0004)		(Belegung KDG) Kanal S30		Sky															
	12.03150 GHz horizontal		378 MHz	dez	hex	PMT	N.B.Grau	N.B.Weiß	N.B.Hotell	NDS	NDS P2	NDS	SES	Video	Audio 1	Audio 2	AC3	AC3	TTX	Data
111	Sky Sport 1	Sky Sport	SPORT_01	221	0x00DD	0x006E	0x178A	0x188A	0x188A	0x1A8A	0x1F8A									
112	Sky Sport 2	Sky Sport	SPORT_02	222	0x00DE	0x0068	0x179C	0x189C	0x189C	0x1A9C	0x1F9C									
113	Sky Bundesliga 1	Sky Fussball Bundesliga	BULL_01	223	0x00DF	0x0061	0x179C	0x189C	0x189C	0x1A9C	0x1F9C									
114	Sky Select	Sky Select	SELECTPO	18	0x0012	0x0067	0x172E	0x182E	0x182E	0x1A2E	0x1F2E									
115	Blue Movie	Blue Movie	BLUEMPO	513	0x0021	0x0065	0x1726	0x1826	0x1827	0x1A26	0x1F26									
116	Discovery Channel	Sky Welt	DISCOVER	14	0x000E	0x006B	0x1720	0x1820	0x1820	0x1A20	0x1F20									
117	National Geographic	Sky Welt	NATGEOGR	13	0x000D	0x006C	0x1722	0x1822	0x1822	0x1A22	0x1F22									
118	NatGeo Wild	Sky Welt	NOGWSO	12	0x000C	0x0061	0x1766	0x1866	0x1866	0x1A66	0x1F66									
119	Spiegel Geschichte	Sky Welt	SPIEGELG	52	0x0024	0x0063	0x1768	0x1868	0x1868	0x1A68	0x1F68									
120				15	0x000F	0x0060														
				dez	hex	PMT							Data	Data	Data	Data	Data	Data	Data	
		VideoTextapplikation (d-box II)		2690	0x0A82	0x0073							0x09A1							
		NDS Applikationen		2691	0x0A83	0x0074							0x09A2	0x09A3	0x09A4	0x09A5	0x09A6	0x09A7	0x09A8	
													0x09A9	0x09AA	0x09AB	0x09AC	0x09AD	0x09AE	0x09AF	
													0x09B0	0x09B1	0x09B2	0x09B3	0x09B4	0x09B5	0x09B6	
													0x0997							
		CPT_TP81		3503	0x0DAD	0x0290							0x1008	0x1008	0x1009					
		EMM					0x1000	0x1002		0x1008	0x1008	0x1009								
2C	TP 83 (TS-ID 0x0001)		(Belegung KDG) Kanal S31		Sky															
	12.07950 GHz horizontal		386 MHz	dez	hex	PMT	N.B.Grau	N.B.Weiß	N.B.Hotell	NDS	NDS P2	NDS	SES	Video	Audio 1	Audio 2	AC3	AC3	TTX	Data
121	Motorvision TV	Sky Welt	MOTORVIS	169	0x00AB	0x0065	0x17A0	0x18A0	0x18A0	0x1AA0	0x1FA0									
122	Sky Krimi	Sky Welt	PSN KR	23	0x0017	0x0061	0x1740	0x1840	0x1840	0x1A40	0x1F40									
123	13th Street	Sky Welt	THSTREET	42	0x002A	0x0062	0x175E	0x185E	0x185E	0x1A5E	0x1F5E									
124	RTL Crime	Sky Welt	RTLCRIME	27	0x001B	0x006D	0x171E	0x181E	0x181E	0x1A1E	0x1F1E	0x1A1E								
125	RTL Passion	Sky Welt	PASSION	29	0x001D	0x0063	0x174A	0x184A	0x184A	0x1A4A	0x1F4A	0x1A4A								
126	Fox Serie	Sky Welt	FOXSD	16	0x0010	0x0064	0x178C	0x188C	0x188C	0x1A8C	0x1F8C									
127	TNT Serie	Sky Welt	TNTSERSD	50	0x0032	0x0067	0x179C	0x189C	0x189C	0x1A9C	0x1F9C									
128	Sky Sport Austria	Sky Sport	SPORT_AT</																	



Programme / Service		CA-Paket	Service ID		Sky				Detailinformationen				PIDs						
1M TP 67 (TS-ID 0x0011)		(Belegung KDG) Kanal S27	dez	hex	PMT	N.B.Grau	N.B. WeiB	N.B. Hotel	NDS	NDS P2	NDS	SES	Video	Audio 1	Audio 2	AC3	AC3	TTX	Data
CAS_ID		354 Mhz				0x1702	0x1833	0x1836	0x09C4	0x098C	0x09AF	0x1837							
129	Sky	Sky Welt	SCIFI	26	0x0204	0x0963	0x1772	0x1872	0x1A72	0x1A72	0x1F72		0x03FF	0x0400	0x0401				0x0320
130	Beate-Ulma TV	Sky Welt	BUHSE	21	0x0015	0x0955	0x1772	0x1872	0x1A72	0x1A72	0x1F72		0x03FF	0x0700					0x0320
131	Heimatkanaal	Sky Welt	HEIMAT	22	0x0016	0x0956	0x1760	0x1860	0x1B60	0x1A60	0x1F60		0x05FF	0x0600					0x0320
132	Goldstar TV	Sky Welt	GOLDSTAR	518	0x0206	0x0961	0x1762	0x1862	0x1B62	0x1A62	0x1F62		0x02FF	0x0300					0x0320
133	Classica	Sky Welt	CLASSIC	24	0x0018	0x0960	0x17A6	0x18A6	0x1BA6	0x1AA6	0x1FA6		0x01FF	0x0200					0x0320
134	Disney Channel	Sky Welt	DISNEY	34	0x0022	0x0962	0x178C	0x188C	0x1B8C	0x1A8C	0x1F8C		0x09FF	0x0A00					0x0320
135	Disney XD	Sky Welt	DISNEYXD	28	0x001C	0x0967	0x178E	0x188E	0x1B8E	0x1A8E	0x1F8E		0x04FF	0x0500	0x0501				0x0320
136	Disney Junior	Sky Welt	DISNLIN	28	0x001A	0x0958	0x1784	0x1884	0x1B84	0x1A84	0x1F84		0x07FF	0x0800					0x0320
137	Junior	Sky Welt	JUNIOR	19	0x0014	0x0964	0x1770	0x1870	0x1B70	0x1A70	0x1F70		0x09FF	0x0A00					0x0320
	Sky Select 7	Sky Select	SELECT_7	311	0x0137	0x0968	0x1774	0x1874	0x1B74	0x1A74	0x1F74		0x08FF	0x0C00	0x0C01	0x0C02			
	Sky Bundesliga 7	Sky Fussball Bundesliga	BULLI_07	312	0x0138	0x096C	0x1784	0x1884	0x1B84	0x1A84	0x1F84		0x10FF	0x1100	0x1101	0x1102			0x0320
	Sky Sport 8	Sky Sport	SPORT_08	313	0x0139	0x096F	0x177A	0x187A	0x1B7A	0x1A7A	0x1F7A		0x08FF	0x0F00	0x0F01	0x0F02			0x0320
	Sky Select 8	Sky Select	SELECT_8	321	0x0141	0x096D	0x1778	0x1878	0x1B78	0x1A78	0x1F78		0x0CFF	0x1D00	0x0D01	0x0D02			
	Sky Bundesliga 8	Sky Fussball Bundesliga	BULLI_08	322	0x0142	0x0971	0x1786	0x1886	0x1B86	0x1A86	0x1F86		0x11FF	0x1200	0x1201	0x1202			0x0320
	Sky Sport 9	Sky Sport	SPORT_09	323	0x0143	0x0969	0x1790	0x1890	0x1B90	0x1A90	0x1F90		0x08FF	0x0900	0x0901	0x0902			0x0320
	Sky Select 9	Sky Select	SELECT_9	331	0x0148	0x0973	0x1778	0x1878	0x1B78	0x1A78	0x1F78		0x09FF	0x0E00	0x0E01	0x0E02			
	Sky Bundesliga 9	Sky Fussball Bundesliga	BULLI_09	332	0x014C	0x0972	0x1788	0x1888	0x1B88	0x1A88	0x1F88		0x12FF	0x1300	0x1301	0x1302			0x0320
	Sky Sport 10	Sky Sport	SPORT_10	333	0x014D	0x096A	0x1784	0x1884	0x1B84	0x1A84	0x1F84		0x0AFF	0x0B00	0x0B01	0x0B02			0x0320
	Sky Select Event B	Sky Select Event	EVENT_2	334	0x014E	0x0974	0x172A	0x182A	0x1B2A	0x1A2A	0x1F2A		0x13FF	0x1400	0x1401	0x1402			0x0320
				dez	hex	PMT							Data	Data	Data	Data	Data	Data	
	Humax PR-HD3002C			3980	0x0F8C	0x0991							0x0355	0x0357					
	Pace TDC 866 NSDX			3994	0x0F8A	0x0997							0x038A	0x038B					
	Samsung DCB-1560G IAR			4005	0x0FA5	0x097A							0x0360	0x0361					
	Thomson SAT IPDL			4007	0x0FA7	0x096E							0x0368	0x0369					
	CPT TP67			3504	0x0DB0	0x0970							0x0997						
	EMM						0x1000	0x1002	0x1008	0x1008	0x1009								
Einstellungen Sat-Empfang: DVB-S2 (QPSK), 27.500 Msym/s; FEC 9/10			Einstellungen Kabellempfang (Empfehlung): 6.900 Msym/s; Modulation: 256 QAM																
Programme / Service		CA-Paket	Service ID		Sky				Detailinformationen				PIDs						
2C TP 75 (TS-ID 0x0006)		(Belegung KDG) Kanal K27	dez	hex	PMT	N.B.Grau	N.B. WeiB	N.B. Hotel	NDS	NDS P2	NDS	SES	Video	Audio 1	AC3/0	AC3/1	AC3/2	TTX	Data
CAS_ID		522 Mhz				0x1702	0x1833	0x1836	0x09C4	0x098C	0x09AF	0x1837							
138	Sky Cinema HD	Sky HD Film	PSN_HD	131	0x0283	0x0964	0x1899	0x1A99	0x1B99	0x1A99	0x1F99		0x04FF			0x0303	0x0304		0x0320
139	Platzhalter	Sky HD Film		104	0x0068	0x0955	0x185A	0x1A5A	0x1F5A				0x05FF			0x0303	0x0304		0x0320
140	Platzhalter	Sky HD Film		103	0x0067	0x0950	0x185C	0x1A5C	0x1F5C				0x06FF			0x0103	0x0104		0x0320
141	Discovery HD	Sky HD Welt	DISCOVHD	130	0x0082	0x0963	0x18BC	0x1ABC	0x1FBC				0x03FF			0x0403			0x0320
142	Nat Geo Wild HD	Sky HD Welt	NGWHD	118	0x0076	0x0961	0x1898	0x1A98	0x1F98				0x01FF			0x0203	0x0204		0x0320
143	Sky Bundesliga HD 2	Sky HD Bundesliga	BULLHD02	287	0x0108	0x0967	0x1841	0x1A41	0x1F41				0x07FF			0x0303	0x0304		0x0320
144	Sky Sport HD 3	Sky HD Sport	SPORTHD3	288	0x010C	0x0968	0x1843	0x1A43	0x1F43				0x08FF			0x0302	0x0303	0x0304	0x0320
145	Sky Sport HD 1	Sky HD Sport	SPORTHD1	129	0x0081	0x0962	0x18BA	0x1ABA	0x1FBA				0x05FF			0x0302	0x0303	0x0304	0x0320
	EMM						0x1002	0x1006	0x1008	0x1009									
Einstellungen Sat-Empfang: DVB-S2 (QPSK), 27.500 Msym/s; FEC 9/10			Einstellungen Kabellempfang (Empfehlung): 6.900 Msym/s; Modulation: 256 QAM																
Programme / Service		CA-Paket	Service ID		Sky				Detailinformationen				PIDs						
1M TP 79 (TS-ID 0x000D)		(Belegung KDG) Kanal K28	dez	hex	PMT	N.B.Grau	N.B. WeiB	N.B. Hotel	NDS	NDS P2	NDS	SES	Video	Audio 1	AC3/0	AC3/1	AC3/2	TTX	Data
CAS_ID		530 Mhz				0x1702	0x1833	0x1836	0x09C4	0x098C	0x09AF	0x1837							
146	Sky Sport HD 2	Sky HD Sport	SPORTHD2	114	0x0072	0x0963	0x1801	0x1A01	0x1F01				0x03FF			0x0402	0x0403	0x0404	0x0320
147	Sky Sport HD 4	Sky HD Sport	SPORTHD4	278	0x0116	0x0968	0x1847	0x1A47	0x1F47				0x08FF			0x0302	0x0303	0x0304	0x0320
148	Sky Bundesliga HD 3	Sky HD Bundesliga	BULLHD03	277	0x0115	0x0967	0x1845	0x1A45	0x1F45				0x07FF			0x0303	0x0304		0x0320
149	Disney Cinemagic HD	Sky HD Film	DISCMGHD	111	0x006F	0x0960	0x1803	0x1A03	0x1F03				0x06FF			0x0103	0x0104		0x0320
150	NatGeo HD	Sky HD Welt	NGC_HD	112	0x0070	0x0961	0x1805	0x1A05	0x1F05				0x01FF			0x0203	0x0204		0x0320
151	13th Street HD	Sky HD Welt	THSTRHD	127	0x007F	0x0962	0x1854	0x1A54	0x1F54				0x02FF			0x0303	0x0304		0x0320
152	Sky Atlantic HD	Sky HD Film	SKY_ATHD	110	0x005E	0x0964	0x180E	0x1A0E	0x1F0E				0x04FF			0x0503	0x0504		0x0320
	EMM						0x1002	0x1006	0x1008	0x1009									
Einstellungen Sat-Empfang: DVB-S2 (QPSK), 27.500 Msym/s; FEC 9/10			Einstellungen Kabellempfang (Empfehlung): 6.900 Msym/s; Modulation: 256 QAM																
Programme / Service		CA-Paket	Service ID		Sky				Detailinformationen				PIDs						
1M TP 95 (TS-ID 0x000C)		(Belegung KDG) Kanal K39	dez	hex	PMT	N.B.Grau	N.B. WeiB	N.B. Hotel	NDS	NDS P2	NDS	SES	Video	Audio 1	AC3/0	AC3/1	AC3/2	TTX	Data
CAS_ID		618 Mhz				0x1702	0x1833	0x1836	0x09C4	0x098C	0x09AF	0x1837							
153	Sky HD	Sky HD Film	PSN_HHD	107	0x006B	0x0962	0x180B	0x1A0B	0x1F0B				0x02FF			0x0303	0x0304		0x0320
154	Sky HD	Sky HD Film	SCRPHD	126	0x007E	0x0961	0x1852	0x1A52	0x1F52				0x01FF			0x0203	0x0204		0x0320
155	ACM HD Channel	Sky HD Film	ACM_HD	115	0x0073	0x0964	0x180F	0x1A0F	0x1F0F				0x04FF			0x0403	0x0404		0x0320
156	Sky Sports News HD	Sky HD Welt	SSN_HD	108	0x006C	0x0963	0x180F	0x1A0F	0x1F0F				0x03FF			0x0403	0x0404		0x0320
157	Sky Bundesliga HD 1	Sky HD Bundesliga	BULLHD01	105	0x0069	0x0960	0x180D	0x1A0D	0x1F0D				0x00FF			0x0102	0x0103	0x0104	0x0320
158	Sky Bundesliga HD 4	Sky HD Bundesliga	BULLHD04	287	0x011F	0x0967	0x1849	0x1A49	0x1F49				0x07FF			0x0302	0x0303	0x0304	0x0320
159	Sky Sport HD 5	Sky HD Sport	SPORTHD5	288	0x0120	0x0968	0x184B	0x1A4B	0x1F4B				0x08FF			0x0302	0x0303	0x0304	0x0320
	Sky Sport News HD	Sky HD Welt	SSN_HDD3	242	0x00F2	0x0971	0x180F	0x1A0F	0x1F0F				0x03FF			0x0403			0x0320
				dez	hex	PMT							Data	Data	Data	Data	Data	Data	
	Pace TDS 865			4028	0x0F8C	0x0990							0x0392	0x0393	0x0394				
	Pace TDS 866 NSDX			4017	0x0F81	0x0994							0x0399	0x039A					
	Pace TDS 866 NSD			3997	0x0F8D	0x0991							0x0370	0x0378					
	Pace TDS 866 NSDX			3998	0x0F8E	0x0992							0x0384	0x0386					
	Humax PR-HD3000S			4035	0x0FC3	0x0993													



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

Einstellungen Sat-Empfang: 22.000 Msym/s; FEC 7/8													Original-Network-ID = 0x0085 (dez = 133)																
Programme / Service		CA-Paket	CA-Short Name	Sky													Detailinformationen												
1KR	TP 63 (TS-ID 0x000F)		Service ID	hex	PMT	N.B.Grau	N.B.Weiß	N.B.Hotel	NDS	NDS P2	NDS	SES	PIDs	Video	Audio 1	Audio 2	AC3	AIT	TTX	Data									
	CAS_ID		dez			0x003A	0x0068	0x1791	0x1831	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x06FF	0x0900													
187	History	Sky Welt Extra	HISTORY	58	0x003A	0x0068	0x1791	0x1831	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x06FF	0x0900														
188	Boomerang	Sky Welt Extra	BOOMER	56	0x0038	0x0066	0x172D	0x182D	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x06FF	0x0700	0x0701													
189	Cartoon Network (S)	Sky Welt Extra	CARTNET	39	0x0027	0x0064	0x1729	0x1829	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x06FF	0x0500	0x0501													
190	TNT Film (TCM)	Sky Welt Extra	TCMOVIES	35	0x0023	0x0061	0x1723	0x1823	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x06FF	0x0200	0x0201													
191	Kinowelt TV	Sky Welt Extra	KINOWEITV	33	0x0021	0x0060	0x1721	0x1821	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x06FF	0x0100						0x0105								
192	Romance TV	Sky Welt Extra	ROMANCTV	38	0x0026	0x0063	0x1727	0x1827	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x06FF	0x0400														
193	AXN Action	Sky Welt Extra	AXN	37	0x0025	0x0062	0x1725	0x1825	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x06FF	0x0300	0x0301													
194	Biography Channel	Sky Welt Extra	BIOGRA_2	57	0x0039	0x0067	0x172F	0x182F	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x06FF	0x0800														
195	Eurosport 2 Deutschland	Sky Welt Extra	EUROSP_2	55	0x0037	0x0065	0x172B	0x182B	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x06FF	0x0600	0x0601					0x0625								
196	spordigital	Sky Welt Extra	SPORTDTV	59	0x003B	0x0069	0x1733	0x1833	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x06FF	0x0A00														
				dez	hex	PMT								Data	Data	Data	Data	Data	Data	Data	Data								
	Humax_IconHD			4029	0x0FBD	0x0091								0x0953															
	EMM						0x1000	0x1002			0x1008	0x1008		0x1004															
Einstellungen Sat-Empfang: 22.000 Msym/s; FEC 5/6													Original-Network-ID = 0x001																
1L	TP 107 (TS-ID 0x0453)		Service ID	hex	PMT	N.B.Grau	N.B.Weiß	N.B.Hotel	NDS	NDS P2	NDS	SES	PIDs	Video	Audio 1	Audio 2	AC3	AIT	TTX	Data									
	CAS_ID		dez			0x1702	0x1833	0x1836	0x09C4	0x098C	0x09AF	0x1837																	
	Sat.1 emotions	Sky Welt Extra		17506	0x4461	0x0065	0x17C4	0x18C4	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x05FF	0x0600														
	label elms CLASSICS	Sky Welt Extra		17506	0x4462	0x0066	0x17C6	0x18C6	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x06FF	0x0700														
Einstellungen Sat-Empfang: 22.000 Msym/s; FEC 5/6													Original-Network-ID = 0x001																
1L	TP 115 (TS-ID 0x045B)		Service ID	hex	PMT	N.B.Grau	N.B.Weiß	N.B.Hotel	NDS	NDS P2	NDS	SES	PIDs	Video	Audio 1	Audio 2	AC3	AIT	TTX	Data									
	CAS_ID		dez			0x1702	0x1833	0x1836	0x09C4	0x098C	0x09AF	0x1837																	
	ORF III			13101	0x332D	0x044D	0x0136	0x019A	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x03F2	0x03F3						0x03F5								
	ESPN America (S)	Sky Welt Extra		13106	0x3331	0x0454	0x0154	0x01BA	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x0442	0x0443														
Einstellungen Sat-Empfang: 27.500 Msym/s; FEC 3/4													Original-Network-ID = 0x001																
1M	TP 78 (TS-ID 0x0436)		Service ID	hex	PMT	N.B.Grau	N.B.Weiß	N.B.Hotel	NDS	NDS P2	NDS	SES	PIDs	Video	Audio 1	Audio 2	AC3	AIT	TTX	Data									
	CAS_ID		dez			0x1702	0x1833	0x1836	0x09C4	0x098C	0x09AF	0x1837																	
	MTV Germany	Sky Welt Extra		28973	0x7001	0x01A5	0x184E	0x1858	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x100F	0x1010														
	Nicktoons (S)	Sky Welt Extra		28982	0x700A	0x01A6	0x184F	0x1859	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x1019	0x101A														
Einstellungen Sat-Empfang: 27.500 Msym/s; FEC 3/4													Original-Network-ID = 0x001																
1M	TP 68 (TS-ID 0x042C)		Service ID	hex	PMT	N.B.Grau	N.B.Weiß	N.B.Hotel	NDS	NDS P2	NDS	SES	PIDs	Video	Audio 1	Audio 2	AC3/1	AC3/2	TTX	Data									
	CAS_ID		dez			0x1702	0x1833	0x1836	0x09C4	0x098C	0x09AF	0x1837																	
	MTV Live HD	Sky HD Welt		28900	0x6F88	0x03E9	0x07EA	0x07E8	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x07D0	0x07D1						0x07D2								
Einstellungen Sat-Empfang: 27.500 Msym/s; FEC 3/4													Original-Network-ID = 0x001																
1L	TP 89 (TS-ID 0x0441)		Service ID	hex	PMT	N.B.Grau	N.B.Weiß	N.B.Hotel	NDS	NDS P2	NDS	SES	PIDs	Video	Audio 1	Audio 2	AC3	AIT	TTX	Data									
	CAS_ID		dez			0x1702	0x1833	0x1836	0x09C4	0x098C	0x09AF	0x1837																	
	RTL Living	Sky Welt Extra		12030	0x2EFE	0x003A	0x044C	0x044D	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x044F	0x012D	0x012F													
Einstellungen Sat-Empfang: 27.500 Msym/s; FEC 3/4													Original-Network-ID = 0x001																
1M	TP 97 (TS-ID 0x0449)		Service ID	hex	PMT	N.B.Grau	N.B.Weiß	N.B.Hotel	NDS	NDS P2	NDS	SES	PIDs	Video	Audio 1	Audio 2	AC3	AIT	TTX	Data									
	CAS_ID		dez			0x1702	0x1833	0x1836	0x09C4	0x098C	0x09AF	0x1837																	
	Animax	Sky Welt Extra		2047	0x07FF	0x07FF	0x0780	0x0781	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x020C	0x007E														

**Zusätzliche Sender auf Astra 19,2° Ost**

Einstellungen Sat-Empfang: 27.500 Msym/s; FEC 3/4													Original-Network-ID = 0x001												
2C	TP 82 (TS-ID 0x043A)		Service ID	hex	PMT	N.B.Grau	N.B.Weiß	N.B.Hotel	NDS	NDS P2	NDS	SES	PIDs	Video	Audio 1	Audio 2	AC3	AIT	TTX	Data					
	CAS_ID		dez			0x1702	0x1833	0x1836	0x09C4	0x098C	0x09AF	0x1837													
	PULS 4 Austria			20007	0x4E27	0x0066	0x17C9	0x18C9	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x06FF	0x0700						0x0027				
Einstellungen Sat-Empfang: 22.000 Msym/s; FEC 5/6													Original-Network-ID = 0x001												
	TP 117 (TS-ID 0x045D)		Service ID	hex	PMT	N.B.Grau	N.B.Weiß	N.B.Hotel	NDS	NDS P2	NDS	SES	PIDs	Video	Audio 1	Audio 2	AC3	AIT	TTX	Data					
	CAS_ID		dez			0x1702	0x1833	0x1836	0x09C4	0x098C	0x09AF	0x1837													
	ORF 1			13001	0x32C9	0x03E9	0x012D	0x0191	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x00A0	0x00A1						0x00A9				
	ORF 2			13002	0x32CA	0x03EA	0x012E	0x0192	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x01F4	0x01F5						0x01F9				
	ATV +			13012	0x32DA	0x03FC	0x0135	0x0199	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x01FA	0x01FB						0x01FD				
	EMM						0x0263	0x032B			0x033E	0x033E													
Einstellungen Sat-Empfang: 22.000 Msym/s; FEC 5/6													Original-Network-ID = 0x001												
	TP 003 (TS-ID 0x03EB)		Service ID	hex	PMT	N.B.Grau	N.B.Weiß	N.B.Hotel	NDS	NDS P2	NDS	SES	PIDs	Video	Audio 1	Audio 2	AC3	AIT	TTX	Data					
	CAS_ID		dez			0x1702	0x1833	0x1836	0x09C4	0x098C	0x09AF	0x1837													
	ORF SPORT +			13221	0x33A5	0x00DD	0x014B	0x014F	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x06A2	0x06A3						0x06A7				
	ATV 2			13223	0x33A7	0x00DF	0x014C	0x0150	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x01EC	0x01EE						0x01EB				
	EMM										0x033E	0x033E													
Einstellungen Sat-Empfang: DVB-S2 (8PSK), 22.000 Msym/s; PILOT ON; FEC-2/3													Original-Network-ID = 0x001												
1L	TP 007 (TS-ID 0x03EF)		Service ID	hex	PMT	N.B.Grau	N.B.Weiß	N.B.Hotel	NDS	NDS P2	NDS	SES	PIDs	Video	Audio 1	Audio 2	AC3	AIT	TTX	Data					
	CAS_ID		dez			0x1702	0x1833	0x1836	0x09C4	0x098C	0x09AF	0x1837													
	ORF 1 HD			4911	0x132F	0x006B	0x0140	0x014A	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x0780	0x0781	0x0782	0x0783				0x0785				
	ORF 2 HD			4912	0x1330	0x006C	0x0141	0x0145	0x1836	0x09C4	0x098C	0x09AF	0x1837	0x0B68	0x0B69	0x0B6A	0x0B6B				0x0B6D				
	EMM						0x0263	0x032B			0x033E	0x033E													

**Änderungen im Überblick**

DATUM	ÄNDERUNGEN
01.07.2013	Umzug HD-Sender, Start Sky Bundesliga HD und Sky Sport HD zwischen 0:30 Uhr und 4:00 Uhr
30.06.2013	TP 1.115: Deaktivierung ESPN America (SD) ab 23:59 Uhr
10.06.2013	TP 1.069: Umzug Sky Select Event B auf TP 1.067; ca. shortname Änderungen ab 06:00 Uhr
10.06.2013	Namensänderung Sky Bundesliga/Sky Sport SD; Deaktivierung Sky Sport 12+13 und Sky Bundesliga 11+12 ab 10:00 Uhr
10.06.2013	TP 1.065: Simulcast Start bei MGM und Änderung ca_short_name von MGM in MGMSD ab 07:35 Uhr
07.06.2013	TP 1.065: MGM HD Channel launch (20.15 Programm)
28.05.2013	TP 1.095: Technischer Start MGM HD Channel ab 10:30 Uhr
18.04.2013	TP 1.009: Technischer Start E! Entertainment HD ab 10:00 Uhr
15.01.2013	TP 1.009: Technischer Start Sky HD und 13th Street HD ab 10:00 Uhr
02.01.2013	TP 1.053 / 1.065: Umbenennung Sky Xmas /HD in Sky Hits und Sky Hits HD ab 10:00 Uhr
17.12.2012	TP 1.109: Start Deluxe Music HD (HD+)
30.11.2012	TP 1.075: Simulcast-Start von Discovery Channel HD ab 03:00 Uhr
29.11.2012	TP 1.053 / 1.065: Temporär Umbenennung Sky Hits /HD in Sky Xmas /HD ab 10:00 Uhr und Umben