

TV Channelliste HD-Fox

Nr.	Name	Sat	Freq.	Pol.	SR	FEC
1,	SF 1,	HOTBIRD,	12399,	Horizontal,	27500,	3/4,
2,	SF zwei,	HOTBIRD,	12399,	Horizontal,	27500,	3/4,
3,	SF info,	HOTBIRD,	12399,	Horizontal,	27500,	3/4,
4,	HD suisse,	HOTBIRD,	12399,	Horizontal,	27500,	3/4,
5,	Das Erste,	ASTRA 1,	11836,	Horizontal,	27500,	3/4,
6,	ZDF,	ASTRA 1,	11953,	Horizontal,	27500,	3/4,
7,	†RTL Televisi	ASTRA 1,	12187,	Horizontal,	27500,	3/4,
8,	RTL2,	ASTRA 1,	12187,	Horizontal,	27500,	3/4,
9,	†Super RTL,	ASTRA 1,	12187,	Horizontal,	27500,	3/4,
10,	SAT.1,	ASTRA 1,	12544,	Horizontal,	22000,	5/6,
11,	SAT.1 CH,	ASTRA 1,	12051,	Vertical,	27500,	3/4,
12,	ProSieben,	ASTRA 1,	12544,	Horizontal,	22000,	5/6,
13,	ProSieben Sc	ASTRA 1,	12051,	Vertical,	27500,	3/4,
14,	ORF1,	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
15,	ORF2,	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
16,	ORF 1 HD,	ASTRA 1,	10832,	Horizontal,	22000,	5/6,
17,	ATV+,	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
18,	PULS 4 Austri	ASTRA 1,	12051,	Vertical,	27500,	3/4,
19,	DAS VIERTE,	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
20,	kabel eins,	ASTRA 1,	12544,	Horizontal,	22000,	5/6,
21,	VOX,	ASTRA 1,	12187,	Horizontal,	27500,	3/4,
22,	DSF,	ASTRA 1,	12480,	Vertical,	27500,	3/4,
23,	Eurosport,	ASTRA 1,	12226,	Horizontal,	27500,	3/4,
24,	TELE 5,	ASTRA 1,	12480,	Vertical,	27500,	3/4,
25,	arte,	ASTRA 1,	10743,	Horizontal,	22000,	5/6,
26,	arte HD,	ASTRA 1,	11361,	Horizontal,	22000,	2/3,
27,	KiKa,	ASTRA 1,	11953,	Horizontal,	27500,	3/4,
28,	NICK/COMED	ASTRA 1,	11973,	Vertical,	27500,	3/4,
29,	NICK AUSTR	ASTRA 1,	12226,	Horizontal,	27500,	3/4,
30,	EinsPlus,	ASTRA 1,	10743,	Horizontal,	22000,	5/6,
31,	EinsExtra,	ASTRA 1,	10743,	Horizontal,	22000,	5/6,
32,	EinsFestival,	ASTRA 1,	10743,	Horizontal,	22000,	5/6,
33,	EinsFestival †	ASTRA 1,	12421,	Horizontal,	27500,	3/4,
34,	ANIXE HD,	ASTRA 1,	11302,	Horizontal,	22000,	2/3,
35,	ANIXE SD,	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
36,	rbb Brandenb	ASTRA 1,	12109,	Horizontal,	27500,	3/4,
37,	rbb Berlin,	ASTRA 1,	12109,	Horizontal,	27500,	3/4,
38,	MDR Sachser	ASTRA 1,	12109,	Horizontal,	27500,	3/4,
39,	WDR Aachen	ASTRA 1,	12603,	Horizontal,	22000,	5/6,
40,	NDR FS MV,	ASTRA 1,	12109,	Horizontal,	27500,	3/4,
41,	hr-fernsehen,	ASTRA 1,	11836,	Horizontal,	27500,	3/4,
42,	SWR Fernseh	ASTRA 1,	11836,	Horizontal,	27500,	3/4,
43,	SWR Fernseh	ASTRA 1,	12109,	Horizontal,	27500,	3/4,
44,	SR Fernseher	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
45,	BR-alpha,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
46,	Bayerisches F	ASTRA 1,	11836,	Horizontal,	27500,	3/4,
47,	Bayerisches F	ASTRA 1,	11836,	Horizontal,	27500,	3/4,
48,	3sat,	ASTRA 1,	11953,	Horizontal,	27500,	3/4,
49,	ZDFdokukana	ASTRA 1,	11953,	Horizontal,	27500,	3/4,
50,	ZDFinfokanal,	ASTRA 1,	11953,	Horizontal,	27500,	3/4,
51,	ZDFtheaterka	ASTRA 1,	11953,	Horizontal,	27500,	3/4,
52,	EuroNews,	ASTRA 1,	12226,	Horizontal,	27500,	3/4,

53,	N24,	ASTRA 1,	12544,	Horizontal,	22000,	5/6,
54,	n-tv,	ASTRA 1,	12187,	Horizontal,	27500,	3/4,
55,	Bloomberg TV	ASTRA 1,	12551,	Vertical,	22000,	5/6,
56,	rhein main tv,	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
57,	Phoenix,	ASTRA 1,	10743,	Horizontal,	22000,	5/6,
58,	DMAX,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
59,	COMEDY CE	ASTRA 1,	11973,	Vertical,	27500,	3/4,
60,	†ONTV Regio	ASTRA 1,	12246,	Vertical,	27500,	3/4,
61,	RNF,	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
62,	TIER.TV,	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
63,	†Franken SAT	ASTRA 1,	12246,	Vertical,	27500,	3/4,
64,	LokalSAT,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
65,	†münchen.tv//	ASTRA 1,	12246,	Vertical,	27500,	3/4,
66,	tv.gusto,	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
67,	WDR Köln,	ASTRA 1,	11836,	Horizontal,	27500,	3/4,
68,	AUSTRIA 9 T	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
69,	TW1,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
70,	DW-TV,	ASTRA 1,	11597,	Vertical,	22000,	5/6,
71,	1-2-3.tv,	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
72,	tirol tv,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
73,	AstroTV,	ASTRA 1,	12480,	Vertical,	27500,	3/4,
74,	Bibel TV,	ASTRA 1,	10832,	Horizontal,	22000,	5/6,
75,	K-TV,	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
76,	9Live,	ASTRA 1,	12544,	Horizontal,	22000,	5/6,
77,	Q TV SHOP,	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
78,	HSE24,	ASTRA 1,	12480,	Vertical,	27500,	3/4,
79,	HSE24 extra,	ASTRA 1,	12226,	Horizontal,	27500,	3/4,
80,	QVC Deutsch	ASTRA 1,	12551,	Vertical,	22000,	5/6,
81,	meinTVshop,	ASTRA 1,	12480,	Vertical,	27500,	3/4,
82,	VIVA German	ASTRA 1,	11973,	Vertical,	27500,	3/4,
83,	MTV German,	ASTRA 1,	11973,	Vertical,	27500,	3/4,
84,	MTV AUSTRI.	ASTRA 1,	12226,	Horizontal,	27500,	3/4,
85,	GoTV,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
86,	†DELUXE ML	ASTRA 1,	12246,	Vertical,	27500,	3/4,
87,	Sky News Intl	ASTRA 1,	10832,	Horizontal,	22000,	5/6,
88,	CNN Int.,	ASTRA 1,	11778,	Vertical,	27500,	3/4,
89,	CNBC Europe	ASTRA 1,	11597,	Vertical,	22000,	5/6,
90,	TSI1,	HOTBIRD,	11526,	Horizontal,	27500,	Auto,
91,	TSI2,	HOTBIRD,	11526,	Horizontal,	27500,	Auto,
92,	RAI1,	HOTBIRD,	11766,	Vertical,	27500,	2/3,
93,	RAI2,	HOTBIRD,	11766,	Vertical,	27500,	2/3,
94,	RAI3,	HOTBIRD,	11766,	Vertical,	27500,	2/3,
95,	Italia 1,	HOTBIRD,	11919,	Vertical,	27500,	Auto,
96,	Canale 5,	HOTBIRD,	11919,	Vertical,	27500,	Auto,
97,	Retequattro,	HOTBIRD,	11919,	Vertical,	27500,	Auto,
98,	RaiMed,	HOTBIRD,	11766,	Vertical,	27500,	2/3,
99,	RaiEdu1,	HOTBIRD,	11766,	Vertical,	27500,	2/3,
100,	Rai Gulp,	HOTBIRD,	11804,	Vertical,	27500,	2/3,
101,	RAI Sport più,	HOTBIRD,	11804,	Vertical,	27500,	2/3,
102,	Rai Storia,	HOTBIRD,	11804,	Vertical,	27500,	2/3,
103,	RaiNotizie24,	HOTBIRD,	11804,	Vertical,	27500,	2/3,
104,	RAI TEST,	HOTBIRD,	11804,	Vertical,	27500,	2/3,
105,	Test,	HOTBIRD,	11919,	Vertical,	27500,	Auto,
106,	Mediashoppin	HOTBIRD,	11919,	Vertical,	27500,	Auto,
107,	Toscana Char	HOTBIRD,	11541,	Vertical,	22000,	5/6,
108,	Sardegna Ch	HOTBIRD,	11541,	Vertical,	22000,	5/6,

109,	Umbria Chanr	HOTBIRD,	11541,	Vertical,	22000,	5/6,
110,	Made In Italy,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
111,	Napoli Nova,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
112,	MOTORI TV,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
113,	SAT2000,	HOTBIRD,	11804,	Vertical,	27500,	2/3,
114,	Camera Depu	HOTBIRD,	11804,	Vertical,	27500,	2/3,
115,	RaiNettunoSa	HOTBIRD,	11804,	Vertical,	27500,	2/3,
116,	Rai Test HD,	HOTBIRD,	11804,	Vertical,	27500,	2/3,
117,	TBN ITALIA,	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
118,	ITALIAN MUS	HOTBIRD,	12303,	Vertical,	27500,	3/4,
119,	Sicilia Channe	HOTBIRD,	12111,	Vertical,	27500,	3/4,
120,	Telemarket 2,	HOTBIRD,	12111,	Vertical,	27500,	3/4,
121,	Mediterraneo	HOTBIRD,	12111,	Vertical,	27500,	3/4,
122,	Free Channel	HOTBIRD,	12111,	Vertical,	27500,	3/4,
123,	Puglia Channe	HOTBIRD,	12111,	Vertical,	27500,	3/4,
124,	RTL 102.5 TV	HOTBIRD,	11623,	Vertical,	27500,	3/4,
125,	ITALIA_CHAN	HOTBIRD,	11623,	Vertical,	27500,	3/4,
126,	ITALY ITALY,	HOTBIRD,	11623,	Vertical,	27500,	3/4,
127,	ITALIA SAT,	HOTBIRD,	11623,	Vertical,	27500,	3/4,
128,	Napoli Interna	HOTBIRD,	11470,	Vertical,	27500,	5/6,
129,	TSR1,	HOTBIRD,	11526,	Horizontal,	27500,	Auto,
130,	TSR2,	HOTBIRD,	11526,	Horizontal,	27500,	Auto,
131,	TV5MONDE,	ASTRA 1,	11567,	Vertical,	22000,	5/6,
132,	France 24 (en	HOTBIRD,	12322,	Horizontal,	27500,	3/4,
133,	ARTE,	ASTRA 1,	11567,	Vertical,	22000,	5/6,
134,	TV7,	ASTRA 1,	11567,	Vertical,	22000,	5/6,
135,	ARTE,	ASTRA 1,	11567,	Vertical,	22000,	5/6,
136,	World Fashior	HOTBIRD,	12322,	Horizontal,	27500,	3/4,
137,	Motors TV,	HOTBIRD,	11137,	Horizontal,	27500,	3/4,
138,	TV5MONDE F	HOTBIRD,	11137,	Horizontal,	27500,	3/4,
139,	TV5MONDE E	HOTBIRD,	11137,	Horizontal,	27500,	3/4,
140,	ANIXE HD,	ASTRA 1,	11302,	Horizontal,	22000,	2/3,
141,	HD suisse,	HOTBIRD,	12399,	Horizontal,	27500,	3/4,
142,	arte HD,	ASTRA 1,	11361,	Horizontal,	22000,	2/3,
143,	HD suisse,	HOTBIRD,	12399,	Horizontal,	27500,	3/4,
144,	HD-Test ARD	ASTRA 1,	11361,	Horizontal,	22000,	2/3,
145,	EinsFestival F	ASTRA 1,	12421,	Horizontal,	27500,	3/4,
146,	ASTRA HD+,	ASTRA 1,	11302,	Horizontal,	22000,	2/3,
147,	RTL Living,	ASTRA 1,	12441,	Vertical,	27500,	3/4,
148,	RTL CRIME,	ASTRA 1,	12070,	Horizontal,	27500,	3/4,
149,	RTL PASSIOI	ASTRA 1,	12070,	Horizontal,	27500,	3/4,
150,	Sat.1 Comedy	ASTRA 1,	12544,	Horizontal,	22000,	5/6,
151,	kabel eins cla	ASTRA 1,	12544,	Horizontal,	22000,	5/6,
152,	Kinowelt,	ASTRA 1,	12441,	Vertical,	27500,	3/4,
153,	PREMIERE HA	ASTRA 1,	11914,	Horizontal,	27500,	9/10,
154,	DISCOVERY	ASTRA 1,	11914,	Horizontal,	27500,	9/10,
155,	PREMIERE S	ASTRA 1,	12070,	Horizontal,	27500,	3/4,
156,	PREMIERE 1	ASTRA 1,	11797,	Horizontal,	27500,	3/4,
157,	PREMIERE 2	ASTRA 1,	11797,	Horizontal,	27500,	3/4,
158,	PREMIERE 3	ASTRA 1,	11797,	Horizontal,	27500,	3/4,
159,	PREMIERE 4	ASTRA 1,	11797,	Horizontal,	27500,	3/4,
160,	FOX SERIE,	ASTRA 1,	11797,	Horizontal,	27500,	3/4,
161,	PREMIERE K	ASTRA 1,	11797,	Horizontal,	27500,	3/4,
162,	PREMIERE F	ASTRA 1,	11719,	Horizontal,	27500,	3/4,
163,	PREMIERE F	ASTRA 1,	11719,	Horizontal,	27500,	3/4,
164,	PREMIERE NA	ASTRA 1,	11719,	Horizontal,	27500,	3/4,

165,	PREMIERE S	ASTRA 1,	11719,	Horizontal,	27500,	3/4,
166,	PREMIERE D	ASTRA 1,	12031,	Horizontal,	27500,	3/4,
167,	TNT SERIE,	ASTRA 1,	12070,	Horizontal,	27500,	3/4,
168,	HEIMATKAN	ASTRA 1,	12070,	Horizontal,	27500,	3/4,
169,	GOLDSTAR	ASTRA 1,	12070,	Horizontal,	27500,	3/4,
170,	HIT24,	ASTRA 1,	12070,	Horizontal,	27500,	3/4,
171,	BLUE MOVIE	ASTRA 1,	12031,	Horizontal,	27500,	3/4,
172,	BIG BROTHE	ASTRA 1,	12031,	Horizontal,	27500,	3/4,
173,	13 TH STREE	ASTRA 1,	12031,	Horizontal,	27500,	3/4,
174,	SCI FI,	ASTRA 1,	12031,	Horizontal,	27500,	3/4,
175,	MGM,	ASTRA 1,	12031,	Horizontal,	27500,	3/4,
176,	ERF,	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
177,	Daystar Telev	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
178,	..	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
179,	..	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
180,	..	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
181,	..	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
182,	3A TV,	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
183,	imusic TV,	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
184,	..	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
185,	..	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
186,	..	ASTRA 1,	11914,	Horizontal,	27500,	9/10,
187,	..	ASTRA 1,	11914,	Horizontal,	27500,	9/10,
188,	Alpenglhen	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
189,	PREMIERE A	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
190,	Der Schmuckl	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
191,	..	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
192,	Voyages Tele	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
193,	..	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
194,	..	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
195,	BD 4,	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
196,	PFH,	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
197,	YAVIDO CLIP	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
198,	..	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
199,	STAR XL LIVI	ASTRA 1,	11875,	Horizontal,	27500,	3/4,
200,	KINOWELT T	ASTRA 1,	11875,	Horizontal,	27500,	3/4,
201,	TCM (a/P),	ASTRA 1,	11875,	Horizontal,	27500,	3/4,
202,	AXN Action,	ASTRA 1,	11875,	Horizontal,	27500,	3/4,
203,	ROMANCE T	ASTRA 1,	11875,	Horizontal,	27500,	3/4,
204,	DISNEY PLA	ASTRA 1,	11875,	Horizontal,	27500,	3/4,
205,	DISNEY TOO	ASTRA 1,	11875,	Horizontal,	27500,	3/4,
206,	BOOMERANC	ASTRA 1,	11875,	Horizontal,	27500,	3/4,
207,	sportdigital.tv,	ASTRA 1,	11875,	Horizontal,	27500,	3/4,
208,	DISNEY CHA	ASTRA 1,	11758,	Horizontal,	27500,	3/4,
209,	JETIX,	ASTRA 1,	11758,	Horizontal,	27500,	3/4,
210,	JUNIOR,	ASTRA 1,	11758,	Horizontal,	27500,	3/4,
211,	DISCOVERY	ASTRA 1,	11758,	Horizontal,	27500,	3/4,
212,	ANIMAL PLA	ASTRA 1,	11758,	Horizontal,	27500,	3/4,
213,	NatGeo,	ASTRA 1,	11758,	Horizontal,	27500,	3/4,
214,	FOCUS GESI	ASTRA 1,	11758,	Horizontal,	27500,	3/4,
215,	CLASSICA,	ASTRA 1,	11758,	Horizontal,	27500,	3/4,
216,	National Geog	ASTRA 1,	12441,	Vertical,	27500,	3/4,
217,	ANIMAX (a/P)	ASTRA 1,	12441,	Vertical,	27500,	3/4,
218,	Cartoon Netw	ASTRA 1,	12441,	Vertical,	27500,	3/4,
219,	EuroSport 2	ASTRA 1,	12441,	Vertical,	27500,	3/4,
220,	Biography Ch.	ASTRA 1,	12441,	Vertical,	27500,	3/4,

221,	FOX,	ASTRA 1,	12441,	Vertical,	27500,	3/4,
222,	SpiritON.TV,	ASTRA 1,	12480,	Vertical,	27500,	3/4,
223,	ANN,	HOTBIRD,	11137,	Horizontal,	27500,	3/4,
224,	2M Monde,	ASTRA 1,	11567,	Vertical,	22000,	5/6,
225,	MTV Polska.,	HOTBIRD,	11075,	Vertical,	27500,	3/4,
226,	GOD Channel	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
227,	TAQUILLA 1,	ASTRA 1,	10788,	Vertical,	22000,	Auto,
228,	TAQUILLA 2,	ASTRA 1,	10788,	Vertical,	22000,	Auto,
229,	TAQUILLA 3,	ASTRA 1,	10788,	Vertical,	22000,	Auto,
230,	TAQUILLA 4,	ASTRA 1,	10788,	Vertical,	22000,	Auto,
231,	TELECINCO,	ASTRA 1,	10788,	Vertical,	22000,	Auto,
232,	TAQUILLA X,	ASTRA 1,	10788,	Vertical,	22000,	Auto,
233,	ANIMAX,	ASTRA 1,	10788,	Vertical,	22000,	Auto,
234,	TAQUILLA X\	ASTRA 1,	10788,	Vertical,	22000,	Auto,
235,	CARTOON NI	ASTRA 1,	10788,	Vertical,	22000,	Auto,
236,	TAQUILLA X,	ASTRA 1,	10788,	Vertical,	22000,	Auto,
237,	BOOMERAN	ASTRA 1,	10788,	Vertical,	22000,	Auto,
238,	(UnKnown),	ASTRA 1,	10788,	Vertical,	22000,	Auto,
239,	MULTIPANT.	ASTRA 1,	10788,	Vertical,	22000,	Auto,
240,	MULTIPANT.	ASTRA 1,	10788,	Vertical,	22000,	Auto,
241,	SAT.1 Bayern	ASTRA 1,	12544,	Horizontal,	22000,	5/6,
242,	ProSieben Au	ASTRA 1,	12051,	Vertical,	27500,	3/4,
243,	Kabel 1 Schw	ASTRA 1,	12051,	Vertical,	27500,	3/4,
244,	Kabel 1 Austri	ASTRA 1,	12051,	Vertical,	27500,	3/4,
245,	SAT.1 A,	ASTRA 1,	12051,	Vertical,	27500,	3/4,
246,	†DAF-Anleger	ASTRA 1,	12246,	Vertical,	27500,	3/4,
247,	Mallorca.TV,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
248,	CANAL+ HD,	ASTRA 1,	11435,	Vertical,	22000,	2/3,
249,	C+ DEPORT	ASTRA 1,	11435,	Vertical,	22000,	2/3,
250,	C+ DCINE HC	ASTRA 1,	11435,	Vertical,	22000,	2/3,
251,	CANAL ALGE	ASTRA 1,	11567,	Vertical,	22000,	5/6,
252,	Al Masriya,	ASTRA 1,	11567,	Vertical,	22000,	5/6,
253,	RAI 1,	ASTRA 1,	11567,	Vertical,	22000,	5/6,
254,	RTPI,	ASTRA 1,	11567,	Vertical,	22000,	5/6,
255,	Al Jazeera,	ASTRA 1,	11567,	Vertical,	22000,	5/6,
256,	TVEi,	ASTRA 1,	11567,	Vertical,	22000,	5/6,
257,	TRT Internatic	ASTRA 1,	11567,	Vertical,	22000,	5/6,
258,	MTV ESP,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
259,	MTV,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
260,	MTV Hits,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
261,	MTV Dance,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
262,	VH1,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
263,	VH1 Classic,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
264,	MTV TWO,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
265,	Nick ESP,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
266,	MTV BASE,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
267,	GAME ONE,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
268,	MTV Hits.,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
269,	VH1.,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
270,	VH1 Classic.,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
271,	NICKELODEC	ASTRA 1,	11739,	Vertical,	27500,	3/4,
272,	MTV TWO.,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
273,	MTV ESP,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
274,	Cartoon Netw	ASTRA 1,	11778,	Vertical,	27500,	3/4,
275,	TCM,	ASTRA 1,	11778,	Vertical,	27500,	3/4,
276,	Boomerang,	ASTRA 1,	11778,	Vertical,	27500,	3/4,

277,	TVBS,	ASTRA 1,	11778,	Vertical,	27500,	3/4,
278,	MTVNHD,	ASTRA 1,	11778,	Vertical,	27500,	3/4,
279,	MTVNHD,	ASTRA 1,	11778,	Vertical,	27500,	3/4,
280,	SEASONS,	ASTRA 1,	11817,	Vertical,	27500,	3/4,
281,	C CINEMA E	ASTRA 1,	11817,	Vertical,	27500,	3/4,
282,	C CINEMA F	ASTRA 1,	11817,	Vertical,	27500,	3/4,
283,	PARIS PREM	ASTRA 1,	11817,	Vertical,	27500,	3/4,
284,	JIMMY,	ASTRA 1,	11817,	Vertical,	27500,	3/4,
285,	MEZZO,	ASTRA 1,	11817,	Vertical,	27500,	3/4,
286,	LA CHAINE M	ASTRA 1,	11817,	Vertical,	27500,	3/4,
287,	SPORT+,	ASTRA 1,	11817,	Vertical,	27500,	3/4,
288,	I>TELE,	ASTRA 1,	11817,	Vertical,	27500,	3/4,
289,	HISTOIRE,	ASTRA 1,	11817,	Vertical,	27500,	3/4,
290,	MEZZO.,	ASTRA 1,	11817,	Vertical,	27500,	3/4,
291,	NCMESS,	ASTRA 1,	11817,	Vertical,	27500,	3/4,
292,	I>TELE,	ASTRA 1,	11817,	Vertical,	27500,	3/4,
293,	CINECINEMA	ASTRA 1,	11895,	Vertical,	27500,	3/4,
294,	MCM,	ASTRA 1,	11895,	Vertical,	27500,	3/4,
295,	MCM POP,	ASTRA 1,	11895,	Vertical,	27500,	3/4,
296,	TELEMAISON	ASTRA 1,	11895,	Vertical,	27500,	3/4,
297,	VIRGIN 17,	ASTRA 1,	11895,	Vertical,	27500,	3/4,
298,	FOXLIFE,	ASTRA 1,	11895,	Vertical,	27500,	3/4,
299,	TEST CDN 8,	ASTRA 1,	11895,	Vertical,	27500,	3/4,
300,	(UnKnown),	ASTRA 1,	11895,	Vertical,	27500,	3/4,
301,	(UnKnown),	ASTRA 1,	11895,	Vertical,	27500,	3/4,
302,	MCM TOP,	ASTRA 1,	11895,	Vertical,	27500,	3/4,
303,	TF1,	ASTRA 1,	11895,	Vertical,	27500,	3/4,
304,	M6,	ASTRA 1,	11895,	Vertical,	27500,	3/4,
305,	TF1,	ASTRA 1,	11895,	Vertical,	27500,	3/4,
306,	M6,	ASTRA 1,	11895,	Vertical,	27500,	3/4,
307,	VIRGIN 17,	ASTRA 1,	11895,	Vertical,	27500,	3/4,
308,	EUROSPORT	ASTRA 1,	11934,	Vertical,	27500,	3/4,
309,	TMC,	ASTRA 1,	11934,	Vertical,	27500,	3/4,
310,	PLANETE,	ASTRA 1,	11934,	Vertical,	27500,	3/4,
311,	VOYAGE,	ASTRA 1,	11934,	Vertical,	27500,	3/4,
312,	LCI,	ASTRA 1,	11934,	Vertical,	27500,	3/4,
313,	CANAL J,	ASTRA 1,	11934,	Vertical,	27500,	3/4,
314,	SCI FI,	ASTRA 1,	11934,	Vertical,	27500,	3/4,
315,	CUISINE TV,	ASTRA 1,	11934,	Vertical,	27500,	3/4,
316,	FILLES TV,	ASTRA 1,	11934,	Vertical,	27500,	3/4,
317,	TIJI,	ASTRA 1,	11934,	Vertical,	27500,	3/4,
318,	TMC,	ASTRA 1,	11934,	Vertical,	27500,	3/4,
319,	MTV Music,	ASTRA 1,	11973,	Vertical,	27500,	3/4,
320,	MTV Euro,	ASTRA 1,	11973,	Vertical,	27500,	3/4,
321,	MTV PULSE,	ASTRA 1,	11973,	Vertical,	27500,	3/4,
322,	MTV IDOL,	ASTRA 1,	11973,	Vertical,	27500,	3/4,
323,	MTV NL,	ASTRA 1,	11973,	Vertical,	27500,	3/4,
324,	MTV ENTERT	ASTRA 1,	11973,	Vertical,	27500,	3/4,
325,	NICK PREMIL	ASTRA 1,	11973,	Vertical,	27500,	3/4,
326,	FRANCE 2,	ASTRA 1,	12012,	Vertical,	27500,	3/4,
327,	FRANCE 3,	ASTRA 1,	12012,	Vertical,	27500,	3/4,
328,	A LA CARTE	ASTRA 1,	12012,	Vertical,	27500,	3/4,
329,	TRACE TV,	ASTRA 1,	12012,	Vertical,	27500,	3/4,
330,	TELE MELOD	ASTRA 1,	12012,	Vertical,	27500,	3/4,
331,	CINE+,	ASTRA 1,	12012,	Vertical,	27500,	3/4,
332,	CINE+,	ASTRA 1,	12012,	Vertical,	27500,	3/4,

333,	A LA CARTE	ASTRA 1,	12012,	Vertical,	27500,	3/4,
334,	A LA CARTE,	ASTRA 1,	12012,	Vertical,	27500,	3/4,
335,	ESPN CLASS	ASTRA 1,	12012,	Vertical,	27500,	3/4,
336,	MOTORS TV,	ASTRA 1,	12012,	Vertical,	27500,	3/4,
337,	FRANCE 2,	ASTRA 1,	12012,	Vertical,	27500,	3/4,
338,	FRANCE 3,	ASTRA 1,	12012,	Vertical,	27500,	3/4,
339,	(UnKnown),	ASTRA 1,	12129,	Vertical,	27500,	3/4,
340,	A LA CARTE	ASTRA 1,	12129,	Vertical,	27500,	3/4,
341,	A LA CARTE	ASTRA 1,	12129,	Vertical,	27500,	3/4,
342,	A LA CARTE	ASTRA 1,	12129,	Vertical,	27500,	3/4,
343,	A LA CARTE	ASTRA 1,	12129,	Vertical,	27500,	3/4,
344,	A LA CARTE	ASTRA 1,	12129,	Vertical,	27500,	3/4,
345,	A LA CARTE	ASTRA 1,	12129,	Vertical,	27500,	3/4,
346,	A LA CARTE	ASTRA 1,	12129,	Vertical,	27500,	3/4,
347,	A LA CARTE	ASTRA 1,	12129,	Vertical,	27500,	3/4,
348,	A LA CARTE	ASTRA 1,	12129,	Vertical,	27500,	3/4,
349,	A LA CARTE	ASTRA 1,	12129,	Vertical,	27500,	3/4,
350,	A LA CARTE	ASTRA 1,	12129,	Vertical,	27500,	3/4,
351,	KIOSQUE,	ASTRA 1,	12129,	Vertical,	27500,	3/4,
352,	Channel 21,	ASTRA 1,	12187,	Horizontal,	27500,	3/4,
353,	Channel 21,	ASTRA 1,	12187,	Horizontal,	27500,	3/4,
354,	Super RTL C	ASTRA 1,	12187,	Horizontal,	27500,	3/4,
355,	VOX CH,	ASTRA 1,	12187,	Horizontal,	27500,	3/4,
356,	RTL HB NDS,	ASTRA 1,	12187,	Horizontal,	27500,	3/4,
357,	RTL HH SH,	ASTRA 1,	12187,	Horizontal,	27500,	3/4,
358,	RTL FS,	ASTRA 1,	12187,	Horizontal,	27500,	3/4,
359,	FRANCE 5,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
360,	TV BREIZH,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
361,	PLANETE TH	ASTRA 1,	12207,	Vertical,	27500,	3/4,
362,	FRANCE Ô,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
363,	A LA CARTE	ASTRA 1,	12207,	Vertical,	27500,	3/4,
364,	OM'TV,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
365,	OLTV,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
366,	FRANCE 5,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
367,	RTL Austria,	ASTRA 1,	12226,	Horizontal,	27500,	3/4,
368,	VOX Austria,	ASTRA 1,	12226,	Horizontal,	27500,	3/4,
369,	RTL2 Austria,	ASTRA 1,	12226,	Horizontal,	27500,	3/4,
370,	Super RTL A,	ASTRA 1,	12226,	Horizontal,	27500,	3/4,
371,	AB MOTEUR:	ASTRA 1,	12285,	Vertical,	27500,	3/4,
372,	AB1,	ASTRA 1,	12285,	Vertical,	27500,	3/4,
373,	ANIMAUX,	ASTRA 1,	12285,	Vertical,	27500,	3/4,
374,	ENCYCLOPE	ASTRA 1,	12285,	Vertical,	27500,	3/4,
375,	ESCALES,	ASTRA 1,	12285,	Vertical,	27500,	3/4,
376,	toute L'HISTC	ASTRA 1,	12285,	Vertical,	27500,	3/4,
377,	TMC,	ASTRA 1,	12285,	Vertical,	27500,	3/4,
378,	NT1,	ASTRA 1,	12285,	Vertical,	27500,	3/4,
379,	DORCEL TV,	ASTRA 1,	12285,	Vertical,	27500,	3/4,
380,	ACTION,	ASTRA 1,	12285,	Vertical,	27500,	3/4,
381,	MANGAS,	ASTRA 1,	12285,	Vertical,	27500,	3/4,
382,	CINE POLAR	ASTRA 1,	12285,	Vertical,	27500,	3/4,
383,	CINE FX,	ASTRA 1,	12285,	Vertical,	27500,	3/4,
384,	RTL9,	ASTRA 1,	12285,	Vertical,	27500,	3/4,
385,	CHASSE et P	ASTRA 1,	12285,	Vertical,	27500,	3/4,
386,	NT1,	ASTRA 1,	12285,	Vertical,	27500,	3/4,
387,	NOVA SPOR	ASTRA 1,	12304,	Horizontal,	27500,	3/4,
388,	Animal Planet	ASTRA 1,	12304,	Horizontal,	27500,	3/4,

389,	Discovery Ch:	ASTRA 1,	12304,	Horizontal,	27500,	3/4,
390,	JimJam,	ASTRA 1,	12304,	Horizontal,	27500,	3/4,
391,	Jetix/Jetix Ma:	ASTRA 1,	12304,	Horizontal,	27500,	3/4,
392,	National Geoç	ASTRA 1,	12304,	Horizontal,	27500,	3/4,
393,	HBO Comedy	ASTRA 1,	12304,	Horizontal,	27500,	3/4,
394,	Hallmark,	ASTRA 1,	12304,	Horizontal,	27500,	3/4,
395,	?Hustler TV?,	ASTRA 1,	12304,	Horizontal,	27500,	3/4,
396,	Zone Reality,	ASTRA 1,	12304,	Horizontal,	27500,	3/4,
397,	Extreme Spor	ASTRA 1,	12304,	Horizontal,	27500,	3/4,
398,	UPC_EPG,	ASTRA 1,	12304,	Horizontal,	27500,	3/4,
399,	Guide,	ASTRA 1,	12304,	Horizontal,	27500,	3/4,
400,	Games Portal	ASTRA 1,	12304,	Horizontal,	27500,	3/4,
401,	Game 1,	ASTRA 1,	12304,	Horizontal,	27500,	3/4,
402,	Game 2,	ASTRA 1,	12304,	Horizontal,	27500,	3/4,
403,	Game 3,	ASTRA 1,	12304,	Horizontal,	27500,	3/4,
404,	UPC Direct R:	ASTRA 1,	12304,	Horizontal,	27500,	3/4,
405,	(UnKnown),	ASTRA 1,	12324,	Vertical,	27500,	3/4,
406,	ONZEO,	ASTRA 1,	12324,	Vertical,	27500,	3/4,
407,	YACHT AND	ASTRA 1,	12324,	Vertical,	27500,	3/4,
408,	MOSAIQUE,	ASTRA 1,	12324,	Vertical,	27500,	3/4,
409,	MMD,	ASTRA 1,	12324,	Vertical,	27500,	3/4,
410,	CASH TV,	ASTRA 1,	12324,	Vertical,	27500,	3/4,
411,	PRIVATE SPI	ASTRA 1,	12324,	Vertical,	27500,	3/4,
412,	(UnKnown),	ASTRA 1,	12324,	Vertical,	27500,	3/4,
413,	CDN12,	ASTRA 1,	12324,	Vertical,	27500,	3/4,
414,	DISNEY MAG	ASTRA 1,	12324,	Vertical,	27500,	3/4,
415,	MOSAIQUE C	ASTRA 1,	12324,	Vertical,	27500,	3/4,
416,	MOSAIQUE,	ASTRA 1,	12324,	Vertical,	27500,	3/4,
417,	MOSAIQUE C	ASTRA 1,	12324,	Vertical,	27500,	3/4,
418,	MOSAIQUE,	ASTRA 1,	12324,	Vertical,	27500,	3/4,
419,	(UnKnown),	ASTRA 1,	12324,	Vertical,	27500,	3/4,
420,	MOSAIQUE C	ASTRA 1,	12324,	Vertical,	27500,	3/4,
421,	MOSAIQUE,	ASTRA 1,	12324,	Vertical,	27500,	3/4,
422,	RTL4,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
423,	RTL5,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
424,	RTL7,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
425,	RTL8,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
426,	TV Oranje,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
427,	Discovery,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
428,	Animal Planet	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
429,	EUROSPORT	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
430,	Cartoon/TCM,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
431,	Hallmark,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
432,	DORCEL TV,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
433,	GUIDE TV,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
434,	CANAL+ HD,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
435,	NATIONAL G	ASTRA 1,	12363,	Vertical,	27500,	3/4,
436,	ENREGISTRE	ASTRA 1,	12363,	Vertical,	27500,	3/4,
437,	C+ A LA DEM	ASTRA 1,	12363,	Vertical,	27500,	3/4,
438,	EUROSPORT	ASTRA 1,	12363,	Vertical,	27500,	3/4,
439,	(UnKnown),	ASTRA 1,	12363,	Vertical,	27500,	3/4,
440,	(UnKnown),	ASTRA 1,	12363,	Vertical,	27500,	3/4,
441,	MTV HD,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
442,	ESPACE CLIF	ASTRA 1,	12363,	Vertical,	27500,	3/4,
443,	ARTE HD,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
444,	SCI FI HD,	ASTRA 1,	12363,	Vertical,	27500,	3/4,

445,	TF1 HD,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
446,	M6 HD,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
447,	CINE PREMIE	ASTRA 1,	12363,	Vertical,	27500,	3/4,
448,	13EME RUE I	ASTRA 1,	12363,	Vertical,	27500,	3/4,
449,	CE SOIR,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
450,	(UnKnown),	ASTRA 1,	12363,	Vertical,	27500,	3/4,
451,	(UnKnown),	ASTRA 1,	12363,	Vertical,	27500,	3/4,
452,	CSAT A LA D	ASTRA 1,	12363,	Vertical,	27500,	3/4,
453,	(UnKnown),	ASTRA 1,	12363,	Vertical,	27500,	3/4,
454,	(UnKnown),	ASTRA 1,	12363,	Vertical,	27500,	3/4,
455,	(UnKnown),	ASTRA 1,	12363,	Vertical,	27500,	3/4,
456,	FRANCE 2 HI	ASTRA 1,	12363,	Vertical,	27500,	3/4,
457,	USHUAIA TV	ASTRA 1,	12363,	Vertical,	27500,	3/4,
458,	DOWNLOAD	ASTRA 1,	12363,	Vertical,	27500,	3/4,
459,	DT1,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
460,	DT2,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
461,	DT4,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
462,	DT5,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
463,	DT6,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
464,	DT7,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
465,	DT8,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
466,	DT9,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
467,	DT10,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
468,	DT11,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
469,	DT12,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
470,	DT13,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
471,	DT14,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
472,	DT15,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
473,	DT16,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
474,	DT17,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
475,	DT18,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
476,	DT19,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
477,	DT20,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
478,	DOWNLOAD	ASTRA 1,	12363,	Vertical,	27500,	3/4,
479,	DOWNLOAD	ASTRA 1,	12363,	Vertical,	27500,	3/4,
480,	DOWNLOAD	ASTRA 1,	12363,	Vertical,	27500,	3/4,
481,	DOWNLOAD	ASTRA 1,	12363,	Vertical,	27500,	3/4,
482,	CDN2,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
483,	CDN6,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
484,	CDN7,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
485,	CDN5,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
486,	CT1,	ASTRA 1,	12382,	Horizontal,	27500,	3/4,
487,	CT24,	ASTRA 1,	12382,	Horizontal,	27500,	3/4,
488,	NOVA Cinem	ASTRA 1,	12382,	Horizontal,	27500,	3/4,
489,	CT2,	ASTRA 1,	12382,	Horizontal,	27500,	3/4,
490,	TV Markiza,	ASTRA 1,	12382,	Horizontal,	27500,	3/4,
491,	TV JOJ,	ASTRA 1,	12382,	Horizontal,	27500,	3/4,
492,	TV Nova,	ASTRA 1,	12382,	Horizontal,	27500,	3/4,
493,	Prima TV,	ASTRA 1,	12382,	Horizontal,	27500,	3/4,
494,	TV Barrandov	ASTRA 1,	12382,	Horizontal,	27500,	3/4,
495,	Filmmuzeum,	ASTRA 1,	12382,	Horizontal,	27500,	3/4,
496,	CT4 Sport,	ASTRA 1,	12382,	Horizontal,	27500,	3/4,
497,	Eurosport 2,	ASTRA 1,	12382,	Horizontal,	27500,	3/4,
498,	WDR Dortmur	ASTRA 1,	12421,	Horizontal,	27500,	3/4,
499,	WDR Düsselc	ASTRA 1,	12421,	Horizontal,	27500,	3/4,
500,	WDR Essen,	ASTRA 1,	12421,	Horizontal,	27500,	3/4,

501,	WDR Münster	ASTRA 1,	12421,	Horizontal,	27500,	3/4,
502,	WDR Siegen,	ASTRA 1,	12421,	Horizontal,	27500,	3/4,
503,	Radio Bremer	ASTRA 1,	12421,	Horizontal,	27500,	3/4,
504,	EQUIDIA INF	ASTRA 1,	12402,	Vertical,	27500,	3/4,
505,	COMEDIE !,	ASTRA 1,	12402,	Vertical,	27500,	3/4,
506,	13EME RUE,	ASTRA 1,	12402,	Vertical,	27500,	3/4,
507,	REAL TIME,	ASTRA 1,	12402,	Vertical,	27500,	3/4,
508,	DISNEY XD,	ASTRA 1,	12402,	Vertical,	27500,	3/4,
509,	L'EQUIPE TV	ASTRA 1,	12402,	Vertical,	27500,	3/4,
510,	PLANETE NC	ASTRA 1,	12402,	Vertical,	27500,	3/4,
511,	NATIONAL G	ASTRA 1,	12402,	Vertical,	27500,	3/4,
512,	C CINEMA CI	ASTRA 1,	12402,	Vertical,	27500,	3/4,
513,	NRJ 12,	ASTRA 1,	12402,	Vertical,	27500,	3/4,
514,	C CINEMA F/	ASTRA 1,	12402,	Vertical,	27500,	3/4,
515,	NRJ 12,	ASTRA 1,	12402,	Vertical,	27500,	3/4,
516,	Film1.1,	ASTRA 1,	12515,	Horizontal,	22000,	5/6,
517,	Sport1,	ASTRA 1,	12515,	Horizontal,	22000,	5/6,
518,	Film1.2,	ASTRA 1,	12515,	Horizontal,	22000,	5/6,
519,	NED1,	ASTRA 1,	12515,	Horizontal,	22000,	5/6,
520,	NED2,	ASTRA 1,	12515,	Horizontal,	22000,	5/6,
521,	NED3,	ASTRA 1,	12515,	Horizontal,	22000,	5/6,
522,	Nickelodeon/	ASTRA 1,	12515,	Horizontal,	22000,	5/6,
523,	NGC,	ASTRA 1,	12515,	Horizontal,	22000,	5/6,
524,	EPG,	ASTRA 1,	12515,	Horizontal,	22000,	5/6,
525,	LUXE.TV SD,	ASTRA 1,	12551,	Vertical,	22000,	5/6,
526,	RTL Tele Letz	ASTRA 1,	12551,	Vertical,	22000,	5/6,
527,	Astra Vision,	ASTRA 1,	12551,	Vertical,	22000,	5/6,
528,	LibertyTV FR,	ASTRA 1,	12551,	Vertical,	22000,	5/6,
529,	Medi1SAT,	ASTRA 1,	12551,	Vertical,	22000,	5/6,
530,	tru: young tv,	ASTRA 1,	12551,	Vertical,	22000,	5/6,
531,	eUrotic NEU,	ASTRA 1,	12551,	Vertical,	22000,	5/6,
532,	Chamber TV,	ASTRA 1,	12551,	Vertical,	22000,	5/6,
533,	NET5,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
534,	SBS6,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
535,	TMF,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
536,	Veronica/JETI	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
537,	MGM,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
538,	BVN,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
539,	Film1.3,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
540,	Test,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
541,	Eredivisielive	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
542,	France 4,	ASTRA 1,	10832,	Horizontal,	22000,	5/6,
543,	Virgin 17,	ASTRA 1,	10832,	Horizontal,	22000,	5/6,
544,	Gulli,	ASTRA 1,	10832,	Horizontal,	22000,	5/6,
545,	WDR Wupper	ASTRA 1,	12603,	Horizontal,	22000,	5/6,
546,	WDR Bonn,	ASTRA 1,	12603,	Horizontal,	22000,	5/6,
547,	WDR Duisbur	ASTRA 1,	12603,	Horizontal,	22000,	5/6,
548,	IP4_slides,	ASTRA 1,	12603,	Horizontal,	22000,	5/6,
549,	STB Comag,	ASTRA 1,	12603,	Horizontal,	22000,	5/6,
550,	JETIX,	ASTRA 1,	11317,	Vertical,	22000,	5/6,
551,	DISNEY CH. ·	ASTRA 1,	11317,	Vertical,	22000,	5/6,
552,	PLAYHOUSE	ASTRA 1,	11317,	Vertical,	22000,	5/6,
553,	C+ ACCIÓN,	ASTRA 1,	11317,	Vertical,	22000,	5/6,
554,	C+ COMEDIA	ASTRA 1,	11317,	Vertical,	22000,	5/6,
555,	C+ DCINE,	ASTRA 1,	11317,	Vertical,	22000,	5/6,
556,	NICK +1,	ASTRA 1,	11317,	Vertical,	22000,	5/6,

557,	CARTOON N	ASTRA 1,	11317,	Vertical,	22000,	5/6,
558,	SONY TV,	ASTRA 1,	11317,	Vertical,	22000,	5/6,
559,	C+ ACCIÓN,	ASTRA 1,	11317,	Vertical,	22000,	5/6,
560,	C+ COMEDIA	ASTRA 1,	11317,	Vertical,	22000,	5/6,
561,	C+ DCINE,	ASTRA 1,	11317,	Vertical,	22000,	5/6,
562,	TELEFE INT,	ASTRA 1,	11317,	Vertical,	22000,	5/6,
563,	DECASA,	ASTRA 1,	11317,	Vertical,	22000,	5/6,
564,	M6,	ASTRA 1,	11597,	Vertical,	22000,	5/6,
565,	W9,	ASTRA 1,	11597,	Vertical,	22000,	5/6,
566,	TV5MONDE E	ASTRA 1,	11597,	Vertical,	22000,	5/6,
567,	Best of shopp	ASTRA 1,	11597,	Vertical,	22000,	5/6,
568,	M6 BOUTIQU	ASTRA 1,	11597,	Vertical,	22000,	5/6,
569,	Bloomberg TV	ASTRA 1,	11597,	Vertical,	22000,	5/6,
570,	CANAL+,	ASTRA 1,	11038,	Vertical,	22000,	5/6,
571,	CULTURAL.E	ASTRA 1,	11038,	Vertical,	22000,	5/6,
572,	DISNEY CH.,	ASTRA 1,	11038,	Vertical,	22000,	5/6,
573,	SPORTMANÍ	ASTRA 1,	11038,	Vertical,	22000,	5/6,
574,	40 TV,	ASTRA 1,	11038,	Vertical,	22000,	5/6,
575,	DISCOVERY,	ASTRA 1,	11038,	Vertical,	22000,	5/6,
576,	TCM MODER	ASTRA 1,	11038,	Vertical,	22000,	5/6,
577,	PAR. COMED	ASTRA 1,	11038,	Vertical,	22000,	5/6,
578,	CANAL+ 2,	ASTRA 1,	11038,	Vertical,	22000,	5/6,
579,	TELEDEPOR	ASTRA 1,	11038,	Vertical,	22000,	5/6,
580,	VIAJAR,	ASTRA 1,	11156,	Vertical,	22000,	5/6,
581,	FAMA 24H,	ASTRA 1,	11156,	Vertical,	22000,	5/6,
582,	CAZA Y PES	ASTRA 1,	11156,	Vertical,	22000,	5/6,
583,	BIOGRAPHY,	ASTRA 1,	11156,	Vertical,	22000,	5/6,
584,	BABYFIRST,	ASTRA 1,	11156,	Vertical,	22000,	5/6,
585,	BLOOMBERG	ASTRA 1,	11156,	Vertical,	22000,	5/6,
586,	COSMOPOLI	ASTRA 1,	11156,	Vertical,	22000,	5/6,
587,	HISTORIA,	ASTRA 1,	11156,	Vertical,	22000,	5/6,
588,	MÉTEO,	ASTRA 1,	11156,	Vertical,	22000,	5/6,
589,	24 HORAS,	ASTRA 1,	11156,	Vertical,	22000,	5/6,
590,	CANAL ODIS	ASTRA 1,	11156,	Vertical,	22000,	5/6,
591,	Echo TV,	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
592,	HBO2,	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
593,	HBO,	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
594,	HBO,	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
595,	Duna TV,	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
596,	TV Paprika,	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
597,	Magyar ATV,	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
598,	Cool,	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
599,	deko,	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
600,	Sport 1,	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
601,	m2,	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
602,	Minimax / Anii	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
603,	Sport 2,	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
604,	Film+,	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
605,	ORF2 W,	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
606,	ORF2 N,	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
607,	ORF2 B,	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
608,	ORF2 O,	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
609,	ORF2 S,	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
610,	ORF2 T,	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
611,	ORF2 V,	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
612,	ORF2 St,	ASTRA 1,	12692,	Horizontal,	22000,	5/6,

613,	ORF2 K,	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
614,	HITRADIO O	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
615,	ORF2E,	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
616,	Bundesliga 5,	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
617,	Bundesliga 6,	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
618,	Siemens Dow	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
619,	GULLI,	ASTRA 1,	12640,	Vertical,	22000,	5/6,
620,	TEVA,	ASTRA 1,	12640,	Vertical,	22000,	5/6,
621,	DISNEY CHA	ASTRA 1,	12640,	Vertical,	22000,	5/6,
622,	PLAYHOUSE	ASTRA 1,	12640,	Vertical,	22000,	5/6,
623,	DISNEY CINE	ASTRA 1,	12640,	Vertical,	22000,	5/6,
624,	DISNEY MAG	ASTRA 1,	12640,	Vertical,	22000,	5/6,
625,	EI ENTERTAI	ASTRA 1,	12640,	Vertical,	22000,	5/6,
626,	GULLI,	ASTRA 1,	12640,	Vertical,	22000,	5/6,
627,	TV3CAT,	ASTRA 1,	11685,	Vertical,	22000,	5/6,
628,	ANDALUCÍA	ASTRA 1,	11685,	Vertical,	22000,	5/6,
629,	EUSKADI TV,	ASTRA 1,	11685,	Vertical,	22000,	5/6,
630,	TMADRID SA	ASTRA 1,	11685,	Vertical,	22000,	5/6,
631,	CANAL CLUB	ASTRA 1,	11685,	Vertical,	22000,	5/6,
632,	C. ESTRELLA	ASTRA 1,	11685,	Vertical,	22000,	5/6,
633,	TAQUILLA HI	ASTRA 1,	11685,	Vertical,	22000,	5/6,
634,	C+ DCINE HC	ASTRA 1,	11685,	Vertical,	22000,	5/6,
635,	R. MADRID T	ASTRA 1,	11685,	Vertical,	22000,	5/6,
636,	CNN+,	ASTRA 1,	11685,	Vertical,	22000,	5/6,
637,	PRO TV INT,	ASTRA 1,	11685,	Vertical,	22000,	5/6,
638,	RAD. ROMAN	ASTRA 1,	11685,	Vertical,	22000,	5/6,
639,	CANAL+ HD,	ASTRA 1,	11685,	Vertical,	22000,	5/6,
640,	C+ DEPORT I	ASTRA 1,	11685,	Vertical,	22000,	5/6,
641,	TCM CLÁSIC	ASTRA 1,	11685,	Vertical,	22000,	5/6,
642,	TV GALICIA,	ASTRA 1,	11685,	Vertical,	22000,	5/6,
643,	CINE PREMIE	ASTRA 1,	12580,	Vertical,	22000,	2/3,
644,	13EME RUE I	ASTRA 1,	12580,	Vertical,	22000,	2/3,
645,	DISNEY MAG	ASTRA 1,	12580,	Vertical,	22000,	2/3,
646,	M6 HD,	ASTRA 1,	12580,	Vertical,	22000,	2/3,
647,	CINE PREMIE	ASTRA 1,	12580,	Vertical,	22000,	2/3,
648,	13EME RUE I	ASTRA 1,	12580,	Vertical,	22000,	2/3,
649,	DISNEY MAG	ASTRA 1,	12580,	Vertical,	22000,	2/3,
650,	M6 HD,	ASTRA 1,	12580,	Vertical,	22000,	2/3,
651,	CLÁSICO,	ASTRA 1,	10979,	Vertical,	22000,	5/6,
652,	TNT,	ASTRA 1,	10979,	Vertical,	22000,	5/6,
653,	CLAN TVE,	ASTRA 1,	10979,	Vertical,	22000,	5/6,
654,	LA SEXTA,	ASTRA 1,	10979,	Vertical,	22000,	5/6,
655,	HOLLYWOOD	ASTRA 1,	10979,	Vertical,	22000,	5/6,
656,	LA 2,	ASTRA 1,	10979,	Vertical,	22000,	5/6,
657,	TELENOVELA	ASTRA 1,	10979,	Vertical,	22000,	5/6,
658,	(UnKnown),	ASTRA 1,	10979,	Vertical,	22000,	5/6,
659,	TV CANARIA,	ASTRA 1,	10979,	Vertical,	22000,	5/6,
660,	CUATRO,	ASTRA 1,	10979,	Vertical,	22000,	5/6,
661,	CUATRO,	ASTRA 1,	10979,	Vertical,	22000,	5/6,
662,	TNT,	ASTRA 1,	10979,	Vertical,	22000,	5/6,
663,	HOGARUTIL,	ASTRA 1,	10979,	Vertical,	22000,	5/6,
664,	EUROSPORT	ASTRA 1,	10979,	Vertical,	22000,	5/6,
665,	40 LATINO,	ASTRA 1,	10876,	Vertical,	22000,	5/6,
666,	GOLF+,	ASTRA 1,	10876,	Vertical,	22000,	5/6,
667,	CANAL+...30,	ASTRA 1,	10876,	Vertical,	22000,	5/6,
668,	40 LATINO,	ASTRA 1,	10876,	Vertical,	22000,	5/6,

669,	NAT GEOGR.	ASTRA 1,	10876,	Vertical,	22000,	5/6,
670,	C+ FÚTBOL,	ASTRA 1,	10876,	Vertical,	22000,	5/6,
671,	C+ DEPORTE	ASTRA 1,	10876,	Vertical,	22000,	5/6,
672,	CALLE 13,	ASTRA 1,	10876,	Vertical,	22000,	5/6,
673,	ANTENA 3,	ASTRA 1,	10876,	Vertical,	22000,	5/6,
674,	FOX NEWS,	ASTRA 1,	10876,	Vertical,	22000,	5/6,
675,	C+ FÚTBOL,	ASTRA 1,	10876,	Vertical,	22000,	5/6,
676,	C+ DEPORTE	ASTRA 1,	10876,	Vertical,	22000,	5/6,
677,	Belsat TV,	ASTRA 1,	10773,	Horizontal,	22000,	5/6,
678,	TV TRWAM,	ASTRA 1,	10773,	Horizontal,	22000,	5/6,
679,	TV Polonia,	ASTRA 1,	10773,	Horizontal,	22000,	5/6,
680,	TVP Historia,	ASTRA 1,	10773,	Horizontal,	22000,	5/6,
681,	TVP Kultura,	ASTRA 1,	10773,	Horizontal,	22000,	5/6,
682,	TVP1,	ASTRA 1,	10773,	Horizontal,	22000,	5/6,
683,	TVP2,	ASTRA 1,	10773,	Horizontal,	22000,	5/6,
684,	TVP INFO,	ASTRA 1,	10773,	Horizontal,	22000,	5/6,
685,	TVP Sport,	ASTRA 1,	10773,	Horizontal,	22000,	5/6,
686,	CANAL+,	ASTRA 1,	11856,	Vertical,	27500,	3/4,
687,	CANAL+ DECA	ASTRA 1,	11856,	Vertical,	27500,	3/4,
688,	CANAL+ CINI	ASTRA 1,	11856,	Vertical,	27500,	3/4,
689,	CANAL+,	ASTRA 1,	11856,	Vertical,	27500,	3/4,
690,	CANAL+ FAM	ASTRA 1,	11856,	Vertical,	27500,	3/4,
691,	C CINEMA PF	ASTRA 1,	11856,	Vertical,	27500,	3/4,
692,	DISNEY CHA	ASTRA 1,	11856,	Vertical,	27500,	3/4,
693,	CANAL+ SPC	ASTRA 1,	11856,	Vertical,	27500,	3/4,
694,	EQUIDIA,	ASTRA 1,	11856,	Vertical,	27500,	3/4,
695,	CANAL+,	ASTRA 1,	11856,	Vertical,	27500,	3/4,
696,	CANAL+,	ASTRA 1,	11856,	Vertical,	27500,	3/4,
697,	MULTI-X,	ASTRA 1,	11097,	Vertical,	22000,	5/6,
698,	MULTI-X (2),	ASTRA 1,	11097,	Vertical,	22000,	5/6,
699,	BARÇA TV,	ASTRA 1,	11097,	Vertical,	22000,	5/6,
700,	TAQUILLA 5,	ASTRA 1,	11097,	Vertical,	22000,	5/6,
701,	TAQUILLA 6,	ASTRA 1,	11097,	Vertical,	22000,	5/6,
702,	TAQUILLA 7,	ASTRA 1,	11097,	Vertical,	22000,	5/6,
703,	TAQ XXHAR	ASTRA 1,	11097,	Vertical,	22000,	5/6,
704,	C+ EVENTOS	ASTRA 1,	11097,	Vertical,	22000,	5/6,
705,	TAQUILLA 9,	ASTRA 1,	11097,	Vertical,	22000,	5/6,
706,	(UnKnown),	ASTRA 1,	11097,	Vertical,	22000,	5/6,
707,	C+ EVENTOS	ASTRA 1,	11097,	Vertical,	22000,	5/6,
708,	TAQUILLA 8,	ASTRA 1,	11097,	Vertical,	22000,	5/6,
709,	EHS,	ASTRA 1,	11097,	Vertical,	22000,	5/6,
710,	MULTI-X (1),	ASTRA 1,	11097,	Vertical,	22000,	5/6,
711,	MULTI-X (3),	ASTRA 1,	11097,	Vertical,	22000,	5/6,
712,	TAQUILLA HI	ASTRA 1,	11097,	Vertical,	22000,	5/6,
713,	MULTIPANT.	ASTRA 1,	11097,	Vertical,	22000,	5/6,
714,	MULTIPANT.	ASTRA 1,	11097,	Vertical,	22000,	5/6,
715,	Demain,	ASTRA 1,	11508,	Vertical,	22000,	5/6,
716,	NRJ Paris,	ASTRA 1,	11508,	Vertical,	22000,	5/6,
717,	Popular TV,	ASTRA 1,	11508,	Vertical,	22000,	5/6,
718,	Cubavision In	ASTRA 1,	11508,	Vertical,	22000,	5/6,
719,	BFM TV,	ASTRA 1,	11508,	Vertical,	22000,	5/6,
720,	RedeRecord,	ASTRA 1,	11508,	Vertical,	22000,	5/6,
721,	Arirang TV,	ASTRA 1,	11508,	Vertical,	22000,	5/6,
722,	Al Jazeera Int	ASTRA 1,	11508,	Vertical,	22000,	5/6,
723,	Extremadura	ASTRA 1,	11508,	Vertical,	22000,	5/6,
724,	NHK World T\	ASTRA 1,	11508,	Vertical,	22000,	5/6,

725,	BFM TV,	ASTRA 1,	11508,	Vertical,	22000,	5/6,
726,	RADIOS,	ASTRA 1,	10847,	Vertical,	22000,	5/6,
727,	GUÍA DIGITA	ASTRA 1,	10847,	Vertical,	22000,	5/6,
728,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
729,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
730,	BR-alpha*,	ASTRA 1,	11836,	Horizontal,	27500,	3/4,
731,	RAD. LATINA	ASTRA 1,	10847,	Vertical,	22000,	5/6,
732,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
733,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
734,	TAQUILLA,	ASTRA 1,	10847,	Vertical,	22000,	5/6,
735,	GUÍA DIGITA	ASTRA 1,	10847,	Vertical,	22000,	5/6,
736,	TAQUILLA,	ASTRA 1,	10847,	Vertical,	22000,	5/6,
737,	PORTADA,	ASTRA 1,	10847,	Vertical,	22000,	5/6,
738,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
739,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
740,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
741,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
742,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
743,	RAD. LATINA	ASTRA 1,	10847,	Vertical,	22000,	5/6,
744,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
745,	TEST TÉCNICA	ASTRA 1,	10847,	Vertical,	22000,	5/6,
746,	TEST_CSD1,	ASTRA 1,	10847,	Vertical,	22000,	5/6,
747,	TEST_CSD2,	ASTRA 1,	10847,	Vertical,	22000,	5/6,
748,	TEST_CSD3,	ASTRA 1,	10847,	Vertical,	22000,	5/6,
749,	TEST_CSD4,	ASTRA 1,	10847,	Vertical,	22000,	5/6,
750,	TEST_CSD5,	ASTRA 1,	10847,	Vertical,	22000,	5/6,
751,	TEST_CSD6,	ASTRA 1,	10847,	Vertical,	22000,	5/6,
752,	TEST_CSD7,	ASTRA 1,	10847,	Vertical,	22000,	5/6,
753,	TEST_CSD8,	ASTRA 1,	10847,	Vertical,	22000,	5/6,
754,	TEST_CSD9,	ASTRA 1,	10847,	Vertical,	22000,	5/6,
755,	TEST_CSD10	ASTRA 1,	10847,	Vertical,	22000,	5/6,
756,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
757,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
758,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
759,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
760,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
761,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
762,	C+ ACCIÓN...	ASTRA 1,	10817,	Vertical,	22000,	5/6,
763,	C+ COMEDIA	ASTRA 1,	10817,	Vertical,	22000,	5/6,
764,	DCINE ESPA	ASTRA 1,	10817,	Vertical,	22000,	5/6,
765,	CANAL COCI	ASTRA 1,	10817,	Vertical,	22000,	5/6,
766,	TVV INT.,	ASTRA 1,	10817,	Vertical,	22000,	5/6,
767,	FOX,	ASTRA 1,	10817,	Vertical,	22000,	5/6,
768,	AXN,	ASTRA 1,	10817,	Vertical,	22000,	5/6,
769,	TVE 1,	ASTRA 1,	10817,	Vertical,	22000,	5/6,
770,	SCI FI,	ASTRA 1,	10817,	Vertical,	22000,	5/6,
771,	ECUAVISA IN	ASTRA 1,	10817,	Vertical,	22000,	5/6,
772,	CARACOL TV	ASTRA 1,	10817,	Vertical,	22000,	5/6,
773,	ALL FUN TV,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
774,	LT1-OOE,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
775,	ESPN Americ	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
776,	Visit-X.TV,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
777,	ESPN Americ	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
778,	Bundesliga 9,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
779,	Telesünde,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
780,	Cartoon Netw	ASTRA 1,	10920,	Horizontal,	22000,	5/6,

781,	Viasat 3,	ASTRA 1,	10920,	Horizontal,	22000,	5/6,
782,	Boomerang,	ASTRA 1,	10920,	Horizontal,	22000,	5/6,
783,	Viasat Explore	ASTRA 1,	10920,	Horizontal,	22000,	5/6,
784,	Viasat History	ASTRA 1,	10920,	Horizontal,	22000,	5/6,
785,	STV1,	ASTRA 1,	10920,	Horizontal,	22000,	5/6,
786,	TA3,	ASTRA 1,	10920,	Horizontal,	22000,	5/6,
787,	Travel,	ASTRA 1,	10920,	Horizontal,	22000,	5/6,
788,	MGM,	ASTRA 1,	10920,	Horizontal,	22000,	5/6,
789,	AXN,	ASTRA 1,	10920,	Horizontal,	22000,	5/6,
790,	LCP,	ASTRA 1,	11479,	Vertical,	22000,	5/6,
791,	TELEREALITI	ASTRA 1,	11479,	Vertical,	22000,	5/6,
792,	BABY FIRST,	ASTRA 1,	11479,	Vertical,	22000,	5/6,
793,	(UnKnown),	ASTRA 1,	11479,	Vertical,	22000,	5/6,
794,	NRJ HITS,	ASTRA 1,	11479,	Vertical,	22000,	5/6,
795,	GIRONDINS	ASTRA 1,	11479,	Vertical,	22000,	5/6,
796,	LCP,	ASTRA 1,	11479,	Vertical,	22000,	5/6,
797,	PLAYIN'Tvi,	ASTRA 1,	11479,	Vertical,	22000,	5/6,
798,	HirTV,	ASTRA 1,	11670,	Horizontal,	22000,	5/6,
799,	m1 ,	ASTRA 1,	11670,	Horizontal,	22000,	5/6,
800,	MTV Hungary	ASTRA 1,	11670,	Horizontal,	22000,	5/6,
801,	Cinemax,	ASTRA 1,	11670,	Horizontal,	22000,	5/6,
802,	RTL Klub,	ASTRA 1,	11670,	Horizontal,	22000,	5/6,
803,	Sonnenklar T	ASTRA 1,	12480,	Vertical,	27500,	3/4,
804,	DrDish Televi	ASTRA 1,	12246,	Vertical,	27500,	3/4,
805,	TVM/WWTV,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
806,	DIE NEUE ZE	ASTRA 1,	12246,	Vertical,	27500,	3/4,
807,	Spektrum,	ASTRA 1,	11670,	Horizontal,	22000,	5/6,
808,	Sport Klub,	ASTRA 1,	11670,	Horizontal,	22000,	5/6,
809,	Film+ ,	ASTRA 1,	11670,	Horizontal,	22000,	5/6,
810,	TV2 ,	ASTRA 1,	11670,	Horizontal,	22000,	5/6,
811,	Sport 1 CZE ,	ASTRA 1,	11670,	Horizontal,	22000,	5/6,
812,	Viva TV,	ASTRA 1,	11670,	Horizontal,	22000,	5/6,
813,	CANAL+ HD,	ASTRA 1,	12522,	Vertical,	22000,	2/3,
814,	NATIONAL G	ASTRA 1,	12522,	Vertical,	22000,	2/3,
815,	FRANCE 2 HI	ASTRA 1,	12522,	Vertical,	22000,	2/3,
816,	TF1 HD,	ASTRA 1,	12522,	Vertical,	22000,	2/3,
817,	CANAL HD TI	ASTRA 1,	12522,	Vertical,	22000,	2/3,
818,	CANAL+ HD,	ASTRA 1,	12522,	Vertical,	22000,	2/3,
819,	NATIONAL G	ASTRA 1,	12522,	Vertical,	22000,	2/3,
820,	FRANCE 2 HI	ASTRA 1,	12522,	Vertical,	22000,	2/3,
821,	TF1 HD,	ASTRA 1,	12522,	Vertical,	22000,	2/3,
822,	CANAL+ HD,	ASTRA 1,	12522,	Vertical,	22000,	2/3,
823,	Direct 8,	ASTRA 1,	11538,	Vertical,	22000,	5/6,
824,	KTO,	ASTRA 1,	11538,	Vertical,	22000,	5/6,
825,	Russia Today	ASTRA 1,	11538,	Vertical,	22000,	5/6,
826,	France 24 (en	ASTRA 1,	11538,	Vertical,	22000,	5/6,
827,	France 24 (in	ASTRA 1,	11538,	Vertical,	22000,	5/6,
828,	EWTN Europe	ASTRA 1,	11538,	Vertical,	22000,	5/6,
829,	Aragon TV,	ASTRA 1,	11538,	Vertical,	22000,	5/6,
830,	Direct 8,	ASTRA 1,	11538,	Vertical,	22000,	5/6,
831,	Telesur,	ASTRA 1,	11538,	Vertical,	22000,	5/6,
832,	CCTV F,	ASTRA 1,	11538,	Vertical,	22000,	5/6,
833,	CCTV 9,	ASTRA 1,	11538,	Vertical,	22000,	5/6,
834,	HISTORY,	ASTRA 1,	12441,	Vertical,	27500,	3/4,
835,	Bundesliga H	ASTRA 1,	12441,	Vertical,	27500,	3/4,
836,	Bundesliga I	ASTRA 1,	12441,	Vertical,	27500,	3/4,

837,	Bundesliga 1, ASTRA 1,	12441,	Vertical,	27500,	3/4,
838,	Bundesliga 2, ASTRA 1,	12441,	Vertical,	27500,	3/4,
839,	Bundesliga 3, ASTRA 1,	12441,	Vertical,	27500,	3/4,
840,	Bundesliga 4, ASTRA 1,	12441,	Vertical,	27500,	3/4,
841,	Bundesliga 7, ASTRA 1,	12441,	Vertical,	27500,	3/4,
842,	Bundesliga 8, ASTRA 1,	12441,	Vertical,	27500,	3/4,
843,	TPS STAR, ASTRA 1,	12090,	Vertical,	27500,	3/4,
844,	SERIE CLUB, ASTRA 1,	12090,	Vertical,	27500,	3/4,
845,	W9, ASTRA 1,	12090,	Vertical,	27500,	3/4,
846,	INFOSPORT, ASTRA 1,	12090,	Vertical,	27500,	3/4,
847,	C CINEMA S1 ASTRA 1,	12090,	Vertical,	27500,	3/4,
848,	TELETOON, ASTRA 1,	12090,	Vertical,	27500,	3/4,
849,	M6 MUSIC HI ASTRA 1,	12090,	Vertical,	27500,	3/4,
850,	DISCOVERY, ASTRA 1,	12090,	Vertical,	27500,	3/4,
851,	PINK TV/PINK ASTRA 1,	12090,	Vertical,	27500,	3/4,
852,	TELETOON+ ASTRA 1,	12090,	Vertical,	27500,	3/4,
853,	W9, ASTRA 1,	12090,	Vertical,	27500,	3/4,
854,	TF6, ASTRA 1,	12168,	Vertical,	27500,	3/4,
855,	USHUAIA TV, ASTRA 1,	12168,	Vertical,	27500,	3/4,
856,	EUROSPORT ASTRA 1,	12168,	Vertical,	27500,	3/4,
857,	A LA DEMAN ASTRA 1,	12168,	Vertical,	27500,	3/4,
858,	C CINEMA 16 ASTRA 1,	12168,	Vertical,	27500,	3/4,
859,	NAT GEO WII ASTRA 1,	12168,	Vertical,	27500,	3/4,
860,	PIWI, ASTRA 1,	12168,	Vertical,	27500,	3/4,
861,	EXTREME SF ASTRA 1,	12168,	Vertical,	27500,	3/4,
862,	FRANCE 4, ASTRA 1,	12168,	Vertical,	27500,	3/4,
863,	TELETOON A ASTRA 1,	12168,	Vertical,	27500,	3/4,
864,	FRANCE 4, ASTRA 1,	12168,	Vertical,	27500,	3/4,
865,	ARD-TEST-1, ASTRA 1,	12109,	Horizontal,	27500,	3/4,
866,	WDR Bielefeld ASTRA 1,	12421,	Horizontal,	27500,	3/4,
867,	WDR Test A, ASTRA 1,	12421,	Horizontal,	27500,	3/4,
868,	HOPE Channel ASTRA 1,	12148,	Horizontal,	27500,	3/4,
869,	NDR FS HH, ASTRA 1,	12109,	Horizontal,	27500,	3/4,
870,	NDR FS NDS ASTRA 1,	12109,	Horizontal,	27500,	3/4,
871,	NDR FS SH, ASTRA 1,	12109,	Horizontal,	27500,	3/4,
872,	MDR S-Anhalt ASTRA 1,	12109,	Horizontal,	27500,	3/4,
873,	MDR Thüring ASTRA 1,	12109,	Horizontal,	27500,	3/4,
874,	MA CHAINE 5 ASTRA 1,	12610,	Vertical,	22000,	5/6,
875,	M6 MUSIC BL ASTRA 1,	12610,	Vertical,	22000,	5/6,
876,	M6 MUSIC CL ASTRA 1,	12610,	Vertical,	22000,	5/6,
877,	VIVOLTA, ASTRA 1,	12610,	Vertical,	22000,	5/6,
878,	ODYSSÉE, ASTRA 1,	12610,	Vertical,	22000,	5/6,
879,	PLANETE JU ASTRA 1,	12610,	Vertical,	22000,	5/6,
880,	(UnKnown), ASTRA 1,	12610,	Vertical,	22000,	5/6,
881,	SDTV, ASTRA 1,	12610,	Vertical,	22000,	5/6,
882,	FR3 AMIENS, ASTRA 1,	12699,	Vertical,	22000,	5/6,
883,	FR3 BESANCON ASTRA 1,	12699,	Vertical,	22000,	5/6,
884,	FR3 BORDEAUX ASTRA 1,	12699,	Vertical,	22000,	5/6,
885,	FR3 NANCY, ASTRA 1,	12699,	Vertical,	22000,	5/6,
886,	FR3 CLERMONT ASTRA 1,	12699,	Vertical,	22000,	5/6,
887,	FR3 PARIS, ASTRA 1,	12699,	Vertical,	22000,	5/6,
888,	FR3 RENNES ASTRA 1,	12699,	Vertical,	22000,	5/6,
889,	FR3 ROUEN, ASTRA 1,	12699,	Vertical,	22000,	5/6,
890,	FR3 LIMOGES ASTRA 1,	12699,	Vertical,	22000,	5/6,
891,	FR3 LYON, ASTRA 1,	12699,	Vertical,	22000,	5/6,
892,	FR3 MARSEILLE ASTRA 1,	12699,	Vertical,	22000,	5/6,

893,	FR3 TOULOU	ASTRA 1,	12699,	Vertical,	22000,	5/6,
894,	FR3 CAEN,	ASTRA 1,	12728,	Vertical,	22000,	5/6,
895,	FR3 NANTES	ASTRA 1,	12728,	Vertical,	22000,	5/6,
896,	FR3 NICE,	ASTRA 1,	12728,	Vertical,	22000,	5/6,
897,	FR3 ORLEAN	ASTRA 1,	12728,	Vertical,	22000,	5/6,
898,	FR3 DIJON,	ASTRA 1,	12728,	Vertical,	22000,	5/6,
899,	FR3 POITIER	ASTRA 1,	12728,	Vertical,	22000,	5/6,
900,	FR3 REIMS,	ASTRA 1,	12728,	Vertical,	22000,	5/6,
901,	FR3 GRENOE	ASTRA 1,	12728,	Vertical,	22000,	5/6,
902,	FR3 LILLE,	ASTRA 1,	12728,	Vertical,	22000,	5/6,
903,	FR3 STRASB	ASTRA 1,	12728,	Vertical,	22000,	5/6,
904,	FR3 MONTPE	ASTRA 1,	12728,	Vertical,	22000,	5/6,
905,	FR3 VIA STEI	ASTRA 1,	12728,	Vertical,	22000,	5/6,
906,	Test-R,	ASTRA 1,	10743,	Horizontal,	22000,	5/6,
907,	een,	ASTRA 1,	12721,	Horizontal,	22000,	5/6,
908,	Ketnet/Canva	ASTRA 1,	12721,	Horizontal,	22000,	5/6,
909,	VTM,	ASTRA 1,	12721,	Horizontal,	22000,	5/6,
910,	2BE,	ASTRA 1,	12721,	Horizontal,	22000,	5/6,
911,	VT4,	ASTRA 1,	12721,	Horizontal,	22000,	5/6,
912,	Vitaya,	ASTRA 1,	12721,	Horizontal,	22000,	5/6,
913,	JIM,	ASTRA 1,	12721,	Horizontal,	22000,	5/6,
914,	KANAAL Z,	ASTRA 1,	12721,	Horizontal,	22000,	5/6,
915,	VIJFtv,	ASTRA 1,	12721,	Horizontal,	22000,	5/6,
916,	Man-X,	ASTRA 1,	12721,	Horizontal,	22000,	5/6,
917,	Orange Sport,	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
918,	Orange cinem	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
919,	Orange cine h	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
920,	Orange cine c	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
921,	Orange cine n	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
922,	Orange cine g	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
923,	TF1,	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
924,	Orange SPOF	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
925,	France2,	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
926,	France O,	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
927,	NRJ 12,	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
928,	France 3 natic	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
929,	France 5,	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
930,	Telefestival,	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
931,	LCP_PS,	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
932,	USHUAIA TV	ASTRA 1,	12669,	Vertical,	22000,	2/3,
933,	SCI FI HD,	ASTRA 1,	12669,	Vertical,	22000,	2/3,
934,	EUROSPORT	ASTRA 1,	12669,	Vertical,	22000,	2/3,
935,	ARTE HD,	ASTRA 1,	12669,	Vertical,	22000,	2/3,
936,	USHUAIA TV	ASTRA 1,	12669,	Vertical,	22000,	2/3,
937,	SCI FI HD,	ASTRA 1,	12669,	Vertical,	22000,	2/3,
938,	EUROSPORT	ASTRA 1,	12669,	Vertical,	22000,	2/3,
939,	ARTE HD,	ASTRA 1,	12669,	Vertical,	22000,	2/3,
940,	Movies24,	HOTBIRD,	10719,	Vertical,	27500,	Auto,
941,	4fun.TV,	HOTBIRD,	10719,	Vertical,	27500,	Auto,
942,	Orange Sport,	HOTBIRD,	10719,	Vertical,	27500,	Auto,
943,	PLANETE,	HOTBIRD,	10719,	Vertical,	27500,	Auto,
944,	MINIMINI,	HOTBIRD,	10719,	Vertical,	27500,	Auto,
945,	PATIO TV,	HOTBIRD,	10719,	Vertical,	27500,	Auto,
946,	INFO+/C+ Sp	HOTBIRD,	10719,	Vertical,	27500,	Auto,
947,	HBO,	HOTBIRD,	10719,	Vertical,	27500,	Auto,
948,	HALLMARK,	HOTBIRD,	10719,	Vertical,	27500,	Auto,

949,	HBO2,	HOTBIRD,	10719,	Vertical,	27500,	Auto,
950,	HBO COMED	HOTBIRD,	10719,	Vertical,	27500,	Auto,
951,	ESP,	HOTBIRD,	10719,	Vertical,	27500,	Auto,
952,	DTV CABLE F	HOTBIRD,	10719,	Vertical,	27500,	Auto,
953,	DTV CABLE M	HOTBIRD,	10719,	Vertical,	27500,	Auto,
954,	ANT1 EURO	HOTBIRD,	10723,	Horizontal,	29900,	Auto,
955,	RTPi,	HOTBIRD,	10723,	Horizontal,	29900,	Auto,
956,	MTA INTL,	HOTBIRD,	10723,	Horizontal,	29900,	Auto,
957,	10.722 H,	HOTBIRD,	10723,	Horizontal,	29900,	Auto,
958,	Thendral,	HOTBIRD,	10723,	Horizontal,	29900,	Auto,
959,	Lady Channel	HOTBIRD,	10723,	Horizontal,	29900,	Auto,
960,	RTB,	HOTBIRD,	10723,	Horizontal,	29900,	Auto,
961,	Ariana Afghar	HOTBIRD,	10723,	Horizontal,	29900,	Auto,
962,	Sports/ESPN/	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
963,	AFN Atlantic/F	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
964,	Spectrum/Tou	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
965,	Pacific/Pure C	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
966,	Guide/Power	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
967,	Franconia,	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
968,	Hessen,	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
969,	Benelux,	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
970,	Guide/Countr	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
971,	Eifel,	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
972,	Guide/NPR,	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
973,	UK,	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
974,	Guide/The To	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
975,	Guide/Pure G	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
976,	Guide/Hot AC	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
977,	Guide/Z-rock	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
978,	Guide/Fox Sp	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
979,	Guide/ESPN I	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
980,	Guide/AFNE I	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
981,	Guide/Conting	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
982,	Guide/AFNE I	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
983,	Guide/AFN N	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
984,	AFN Iraq Rad	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
985,	Bars and Test	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
986,	Heidelberg,	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
987,	Bavaria,	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
988,	Kaiserslauterr	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
989,	Guide/AFN H	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
990,	Guide/AFN B	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
991,	Guide/AFN B	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
992,	Guide/AFN Fr	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
993,	Guide/AFN Fr	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
994,	Guide/AFN H	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
995,	Guide/AFN H	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
996,	Guide/AFN H	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
997,	Guide/AFN K	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
998,	Guide/AFN K	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
999,	Guide/Bright /	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1000,	Guide/Adult R	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1001,	Guide/AFN B	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1002,	Guide/AFN B	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1003,	News/BrightA	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1004,	AFN Xtra/Tim	HOTBIRD,	11095,	Horizontal,	28000,	3/4,

1005,	Pentagon Ch	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1006,	AFN Family C	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1007,	AFN Movie C	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1008,	Aviano,	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1009,	Vicenza,	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1010,	AFN Rota,	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1011,	Naples,	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1012,	Sigonella,	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1013,	AFN Freedom	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1014,	The Eagle - \	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1015,	Power 107 Vi	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1016,	AFN Vicenza	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1017,	AFN Rota Ea	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1018,	AFN Rota Po	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1019,	The Eagle - N	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1020,	Power - Naple	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1021,	The Eagle - S	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1022,	Power - Sigon	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1023,	The Eagle - Li	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1024,	Power - Livorr	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1025,	AFN Freedom	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1026,	The Eagle-Vic	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1027,	Power-Vicenz	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1028,	The Eagle So	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1029,	NATIONAL G	HOTBIRD,	10796,	Vertical,	27500,	Auto,
1030,	EDUSAT,	HOTBIRD,	10796,	Vertical,	27500,	Auto,
1031,	TELE5,	HOTBIRD,	10796,	Vertical,	27500,	Auto,
1032,	POLONIA1,	HOTBIRD,	10796,	Vertical,	27500,	Auto,
1033,	D. SCIENCE,	HOTBIRD,	10796,	Vertical,	27500,	Auto,
1034,	D. TRAVEL,	HOTBIRD,	10796,	Vertical,	27500,	Auto,
1035,	D. WORLD,	HOTBIRD,	10796,	Vertical,	27500,	Auto,
1036,	TEST,	HOTBIRD,	10796,	Vertical,	27500,	Auto,
1037,	MTV TWO,	HOTBIRD,	10796,	Vertical,	27500,	Auto,
1038,	Autonomia,	HOTBIRD,	10830,	Horizontal,	3333,	Auto,
1039,	ALO TV,	HOTBIRD,	10853,	Horizontal,	27500,	Auto,
1040,	DM Digital,	HOTBIRD,	10853,	Horizontal,	27500,	Auto,
1041,	Physique TV,	HOTBIRD,	10853,	Horizontal,	27500,	Auto,
1042,	IRAN-MNTV,	HOTBIRD,	10853,	Horizontal,	27500,	Auto,
1043,	IRAN-FMTV,	HOTBIRD,	10853,	Horizontal,	27500,	Auto,
1044,	IRAN - TV MA	HOTBIRD,	10853,	Horizontal,	27500,	Auto,
1045,	JAY JAY TV,	HOTBIRD,	10853,	Horizontal,	27500,	Auto,
1046,	AL MAGHRIB	HOTBIRD,	10873,	Vertical,	27500,	Auto,
1047,	AlAoula INTEI	HOTBIRD,	10873,	Vertical,	27500,	Auto,
1048,	AL Aoula,	HOTBIRD,	10873,	Vertical,	27500,	Auto,
1049,	ARRABIAA,	HOTBIRD,	10873,	Vertical,	27500,	Auto,
1050,	AL Aoula INTI	HOTBIRD,	10873,	Vertical,	27500,	Auto,
1051,	ASSADISSA,	HOTBIRD,	10873,	Vertical,	27500,	Auto,
1052,	Medi1SAT,	HOTBIRD,	10873,	Vertical,	27500,	Auto,
1053,	ARRIADIA,	HOTBIRD,	10873,	Vertical,	27500,	Auto,
1054,	Arriadia 2,	HOTBIRD,	10873,	Vertical,	27500,	Auto,
1055,	CANAL+,	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1056,	CANAL+ FILM	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1057,	KUCHNIA.TV	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1058,	ALE KINO!	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1059,	ZigZap,	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1060,	TVP 1,	HOTBIRD,	10892,	Horizontal,	27500,	Auto,

1061,	TVP 2,	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1062,	CANAL+ SPC	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1063,	DOMO,	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1064,	H test 1,	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1065,	H test 2,	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1066,	H test 3,	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1067,	DTV CABLE,	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1068,	DTV CABLE 2	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1069,	DTV CABLE 3	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1070,	DTV CABLE 4	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1071,	DTV CABLE 5	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1072,	DTV CABLE 6	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1073,	DTV CABLE 7	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1074,	METV,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1075,	PDF Channel,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1076,	KICC TV,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1077,	Fashion TV,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1078,	F men,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1079,	3ABN Internat	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1080,	Asianet,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1081,	VTV4,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1082,	CNL,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1083,	Rojhelat,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1084,	Thai Global N	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1085,	Arirang TV,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1086,	KURDsats,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1087,	Newroz,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1088,	IPN TV,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1089,	CGN,	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1090,	Rete 0,	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1091,	Sri Lanka One	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1092,	Rusiyu Al-Yau	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1093,	Gali Kurdistan	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1094,	S24,	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1095,	SARAFAN,	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1096,	AL FAYHAA,	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1097,	3CHANNEL,	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1098,	RU TV,	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1099,	VideoBergam	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1100,	Cinquestelle,	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1101,	TBM,	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1102,	Angel TV,	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1103,	RVS Italy,	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1104,	Hope channel	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1105,	Free channel,	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1106,	Didar Global 1	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1107,	AIT,	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1108,	RTG TV,	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1109,	MTA Internati	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1110,	Pro TV Intern	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1111,	YOUDEM,	HOTBIRD,	11541,	Vertical,	22000,	5/6,
1112,	TeleTirreno,	HOTBIRD,	11541,	Vertical,	22000,	5/6,
1113,	50 Canale,	HOTBIRD,	11541,	Vertical,	22000,	5/6,
1114,	BERGAMOS/	HOTBIRD,	11541,	Vertical,	22000,	5/6,
1115,	La Nuova TV,	HOTBIRD,	11541,	Vertical,	22000,	5/6,
1116,	THOU TV,	HOTBIRD,	11541,	Vertical,	22000,	5/6,

1117,	Nessuno TV,	HOTBIRD,	11541,	Vertical,	22000,	5/6,
1118,	ROMAUNO,	HOTBIRD,	11541,	Vertical,	22000,	5/6,
1119,	Magic TV,	HOTBIRD,	11541,	Vertical,	22000,	5/6,
1120,	Telelombardia	HOTBIRD,	11541,	Vertical,	22000,	5/6,
1121,	Zone Romanti	HOTBIRD,	12188,	Vertical,	27500,	3/4,
1122,	AXN Crime,	HOTBIRD,	12188,	Vertical,	27500,	3/4,
1123,	AXN Sci-Fi,	HOTBIRD,	12188,	Vertical,	27500,	3/4,
1124,	Extreme Spor	HOTBIRD,	12188,	Vertical,	27500,	3/4,
1125,	Discovery,	HOTBIRD,	12188,	Vertical,	27500,	3/4,
1126,	AXN,	HOTBIRD,	12188,	Vertical,	27500,	3/4,
1127,	ESPN,	HOTBIRD,	12188,	Vertical,	27500,	3/4,
1128,	Jetix,	HOTBIRD,	12188,	Vertical,	27500,	3/4,
1129,	Cinemax2,	HOTBIRD,	12188,	Vertical,	27500,	3/4,
1130,	TVP1,	HOTBIRD,	12188,	Vertical,	27500,	3/4,
1131,	TVP2,	HOTBIRD,	12188,	Vertical,	27500,	3/4,
1132,	FoxLife,	HOTBIRD,	12188,	Vertical,	27500,	3/4,
1133,	Polsat,	HOTBIRD,	11159,	Vertical,	27500,	3/4,
1134,	Polsat Play,	HOTBIRD,	11159,	Vertical,	27500,	3/4,
1135,	TV4,	HOTBIRD,	11159,	Vertical,	27500,	3/4,
1136,	Polsat Sport,	HOTBIRD,	11159,	Vertical,	27500,	3/4,
1137,	Polsat Sport E	HOTBIRD,	11159,	Vertical,	27500,	3/4,
1138,	Polsat Cafe,	HOTBIRD,	11159,	Vertical,	27500,	3/4,
1139,	TV Biznes,	HOTBIRD,	11159,	Vertical,	27500,	3/4,
1140,	Superstacja,	HOTBIRD,	11159,	Vertical,	27500,	3/4,
1141,	Polsat News,	HOTBIRD,	11159,	Vertical,	27500,	3/4,
1142,	Polsat2,	HOTBIRD,	11159,	Vertical,	27500,	3/4,
1143,	SHARJAH TV	HOTBIRD,	12654,	Horizontal,	27500,	3/4,
1144,	QATAR TV,	HOTBIRD,	12654,	Horizontal,	27500,	3/4,
1145,	SAUDI 1,	HOTBIRD,	12654,	Horizontal,	27500,	3/4,
1146,	KUWAIT,	HOTBIRD,	12654,	Horizontal,	27500,	3/4,
1147,	LIBYA,	HOTBIRD,	12654,	Horizontal,	27500,	3/4,
1148,	SUDAN ,	HOTBIRD,	12654,	Horizontal,	27500,	3/4,
1149,	OMAN,	HOTBIRD,	12654,	Horizontal,	27500,	3/4,
1150,	ESC ,	HOTBIRD,	12654,	Horizontal,	27500,	3/4,
1151,	AL IRAQIA TV	HOTBIRD,	12654,	Horizontal,	27500,	3/4,
1152,	JORDAN,	HOTBIRD,	12654,	Horizontal,	27500,	3/4,
1153,	ALMUSTAKIL	HOTBIRD,	12654,	Horizontal,	27500,	3/4,
1154,	LIVE TV,	HOTBIRD,	12654,	Horizontal,	27500,	3/4,
1155,	Prima Fila 39,	HOTBIRD,	12713,	Vertical,	27500,	3/4,
1156,	Prima Fila 36,	HOTBIRD,	12713,	Vertical,	27500,	3/4,
1157,	Prima Fila 37,	HOTBIRD,	12713,	Vertical,	27500,	3/4,
1158,	Prima Fila 38,	HOTBIRD,	12713,	Vertical,	27500,	3/4,
1159,	Prima Fila 40,	HOTBIRD,	12713,	Vertical,	27500,	3/4,
1160,	Playjam,	HOTBIRD,	12713,	Vertical,	27500,	3/4,
1161,	Prima Fila 40,	HOTBIRD,	12713,	Vertical,	27500,	3/4,
1162,	Prima Fila 19,	HOTBIRD,	12713,	Vertical,	27500,	3/4,
1163,	SKY Play IT,	HOTBIRD,	12713,	Vertical,	27500,	3/4,
1164,	MTVNHD,	HOTBIRD,	11075,	Vertical,	27500,	3/4,
1165,	MTV Polska,	HOTBIRD,	11075,	Vertical,	27500,	3/4,
1166,	VH1 Polska,	HOTBIRD,	11075,	Vertical,	27500,	3/4,
1167,	VIVA Polska,	HOTBIRD,	11075,	Vertical,	27500,	3/4,
1168,	MTV 1,	HOTBIRD,	11075,	Vertical,	27500,	3/4,
1169,	VH1,	HOTBIRD,	11075,	Vertical,	27500,	3/4,
1170,	Comedy Cent	HOTBIRD,	11075,	Vertical,	27500,	3/4,
1171,	Nickelodeon E	HOTBIRD,	11075,	Vertical,	27500,	3/4,
1172,	MTVNHD,	HOTBIRD,	11075,	Vertical,	27500,	3/4,

1173,	VH1 Polska.,	HOTBIRD,	11075,	Vertical,	27500,	3/4,
1174,	VIVA Polska.,	HOTBIRD,	11075,	Vertical,	27500,	3/4,
1175,	Comedy Cent	HOTBIRD,	11075,	Vertical,	27500,	3/4,
1176,	S4 Data,	HOTBIRD,	11727,	Vertical,	27500,	3/4,
1177,	TVE Internaci	HOTBIRD,	11727,	Vertical,	27500,	3/4,
1178,	TVE Internaci	HOTBIRD,	11727,	Vertical,	27500,	3/4,
1179,	Canal 24 Horz	HOTBIRD,	11727,	Vertical,	27500,	3/4,
1180,	PARS TV,	HOTBIRD,	11727,	Vertical,	27500,	3/4,
1181,	TAK TV,	HOTBIRD,	11727,	Vertical,	27500,	3/4,
1182,	DM ARABIA,	HOTBIRD,	11727,	Vertical,	27500,	3/4,
1183,	S1,	HOTBIRD,	11727,	Vertical,	27500,	3/4,
1184,	S2,	HOTBIRD,	11727,	Vertical,	27500,	3/4,
1185,	S3,	HOTBIRD,	11727,	Vertical,	27500,	3/4,
1186,	S5,	HOTBIRD,	11727,	Vertical,	27500,	3/4,
1187,	S4,	HOTBIRD,	11727,	Vertical,	27500,	3/4,
1188,	S6,	HOTBIRD,	11727,	Vertical,	27500,	3/4,
1189,	BBC Arabic,	HOTBIRD,	11727,	Vertical,	27500,	3/4,
1190,	DIRECT 8,	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
1191,	TV8 Mt Blanc,	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
1192,	DIRECT 8,	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
1193,	A3,	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
1194,	Canal Algerie,	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
1195,	MEDIOLANUI	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
1196,	ONE,	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
1197,	TVA Vicenza,	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
1198,	GENIUS TV,	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
1199,	CARPE DIEM	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
1200,	EUROITALY,	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
1201,	BLUTV,	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
1202,	Nile TV Intern	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
1203,	Nile News,	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
1204,	feed,	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
1205,	Administra.it -	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
1206,	Telenord,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1207,	Trentino TV,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1208,	ELITE SHOPF	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1209,	Sexy 1,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1210,	Betting Chanr	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1211,	ALL SEX,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1212,	ODEON SAT,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1213,	TV LUNA SA1	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1214,	TLC SAT,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1215,	STARSAT,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1216,	PLAY TV ITAI	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1217,	PEOPLE TV-F	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1218,	ROMA SAT,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1219,	Mediatel,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1220,	.Lolita,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1221,	UTV,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1222,	OASI tv,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1223,	EBC.1,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1224,	Heaven TV,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1225,	SAMACOM,	HOTBIRD,	12245,	Horizontal,	27500,	3/4,
1226,	Syrian Drama	HOTBIRD,	12245,	Horizontal,	27500,	3/4,
1227,	MTC,	HOTBIRD,	12245,	Horizontal,	27500,	3/4,
1228,	Al sumariah,	HOTBIRD,	12245,	Horizontal,	27500,	3/4,

1229,	MEZZO,	HOTBIRD,	12245,	Horizontal,	27500,	3/4,
1230,	KURD 1,	HOTBIRD,	12245,	Horizontal,	27500,	3/4,
1231,	FOXlife,	HOTBIRD,	12245,	Horizontal,	27500,	3/4,
1232,	AL BAGHDAD	HOTBIRD,	12245,	Horizontal,	27500,	3/4,
1233,	COMING SO	HOTBIRD,	12245,	Horizontal,	27500,	3/4,
1234,	LIVE CASINO	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1235,	BFM TV,	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1236,	BFM TV,	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1237,	TV GLOBO ,	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1238,	DAYSTAR TV	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1239,	Ayngaran TV,	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1240,	.Viva L'Italia C	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1241,	Payam,	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1242,	Ariana TV,	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1243,	RTS SAT,	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1244,	ISLAM TV,	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1245,	E'TV Emilia R	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1246,	INSPIRATION	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1247,	TISHK TV,	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1248,	EWTN UK,	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1249,	Private Spice,	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1250,	TBN Europe,	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1251,	TBNSpain,	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1252,	Church Chanr	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1253,	JCTV,	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1254,	EL SHAFAA,	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1255,	TBN RUSSIA,	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1256,	Smile of a Chi	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1257,	NEJAT TV,	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1258,	Smile of a Chi	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1259,	Boday Time T	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1260,	Noor TV,	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1261,	CALL SHOP T	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1262,	Good Shephe	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1263,	VOA Persian,	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1264,	MI-TV,	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1265,	SRI TV,	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1266,	Iran Beauty,	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1267,	C TV Coptic C	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1268,	ZDF,	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1269,	RTL CH,	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1270,	bwtv,	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1271,	tv PERSIA,	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1272,	Libya Al Shab	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1273,	Al Beladi TV,	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1274,	GlobalK_SAT	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1275,	Real Estate,	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1276,	Iran Music,	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1277,	RAJ,	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1278,	SmartCast Ta	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1279,	TV CORAN,	HOTBIRD,	11034,	Vertical,	27500,	3/4,
1280,	TV TAMAZIGI	HOTBIRD,	11034,	Vertical,	27500,	3/4,
1281,	Salute !,	HOTBIRD,	11034,	Vertical,	27500,	3/4,
1282,	2M Maroc,	HOTBIRD,	11034,	Vertical,	27500,	3/4,
1283,	CCTV9,	HOTBIRD,	11034,	Vertical,	27500,	3/4,
1284,	SHANT TV,	HOTBIRD,	11034,	Vertical,	27500,	3/4,

1285,	RTR,	HOTBIRD,	11034,	Vertical,	27500,	3/4,
1286,	Vesti,	HOTBIRD,	11034,	Vertical,	27500,	3/4,
1287,	Berbere Telev	HOTBIRD,	11034,	Vertical,	27500,	3/4,
1288,	TELESUD,	HOTBIRD,	11034,	Vertical,	27500,	3/4,
1289,	AZTV,	HOTBIRD,	11034,	Vertical,	27500,	3/4,
1290,	Game One,	HOTBIRD,	11034,	Vertical,	27500,	3/4,
1291,	Al Jazeera Int	HOTBIRD,	11034,	Vertical,	27500,	3/4,
1292,	DunaTV,	HOTBIRD,	12149,	Vertical,	27500,	3/4,
1293,	TV7 Tunis,	HOTBIRD,	12149,	Vertical,	27500,	3/4,
1294,	Khabar TV,	HOTBIRD,	12149,	Vertical,	27500,	3/4,
1295,	LIDER TV AZ	HOTBIRD,	12149,	Vertical,	27500,	3/4,
1296,	SALENTO CF	HOTBIRD,	12149,	Vertical,	27500,	3/4,
1297,	STUDIO 100	HOTBIRD,	12149,	Vertical,	27500,	3/4,
1298,	FUEGO,	HOTBIRD,	12149,	Vertical,	27500,	3/4,
1299,	IN TV,	HOTBIRD,	12149,	Vertical,	27500,	3/4,
1300,	CCTV4,	HOTBIRD,	12149,	Vertical,	27500,	3/4,
1301,	UNIVERSAL	HOTBIRD,	12149,	Vertical,	27500,	3/4,
1302,	Ulisse,	HOTBIRD,	12149,	Vertical,	27500,	3/4,
1303,	RIT-TV,	HOTBIRD,	12322,	Horizontal,	27500,	3/4,
1304,	RTVi Europe,	HOTBIRD,	12322,	Horizontal,	27500,	3/4,
1305,	RTVi Detskii M	HOTBIRD,	12322,	Horizontal,	27500,	3/4,
1306,	RTVi Nashe K	HOTBIRD,	12322,	Horizontal,	27500,	3/4,
1307,	RTVi ME,	HOTBIRD,	12322,	Horizontal,	27500,	3/4,
1308,	K2,	HOTBIRD,	12322,	Horizontal,	27500,	3/4,
1309,	UNIVERSAL,	HOTBIRD,	12322,	Horizontal,	27500,	3/4,
1310,	SCI FI,	HOTBIRD,	12322,	Horizontal,	27500,	3/4,
1311,	ESP2 Romani	HOTBIRD,	12322,	Horizontal,	27500,	3/4,
1312,	ESP2 Hungar	HOTBIRD,	12322,	Horizontal,	27500,	3/4,
1313,	ESP2 HR,	HOTBIRD,	12322,	Horizontal,	27500,	3/4,
1314,	HRT-TV1,	HOTBIRD,	12520,	Vertical,	27500,	3/4,
1315,	HRT-TV2,	HOTBIRD,	12520,	Vertical,	27500,	3/4,
1316,	HRT PLUS ,	HOTBIRD,	12520,	Vertical,	27500,	3/4,
1317,	Italia 8,	HOTBIRD,	12520,	Vertical,	27500,	3/4,
1318,	RBC-TV,	HOTBIRD,	12520,	Vertical,	27500,	3/4,
1319,	Jewels Sorg1,	HOTBIRD,	12520,	Vertical,	27500,	3/4,
1320,	Jewels Sorg2,	HOTBIRD,	12520,	Vertical,	27500,	3/4,
1321,	Jewels Sorg3,	HOTBIRD,	12520,	Vertical,	27500,	3/4,
1322,	Health&Beaut	HOTBIRD,	12520,	Vertical,	27500,	3/4,
1323,	NOELLO SAT	HOTBIRD,	12520,	Vertical,	27500,	3/4,
1324,	TAXI CHANN	HOTBIRD,	12520,	Vertical,	27500,	3/4,
1325,	Ishtar TV,	HOTBIRD,	12520,	Vertical,	27500,	3/4,
1326,	SexyChannel,	HOTBIRD,	12520,	Vertical,	27500,	3/4,
1327,	FARSI1,	HOTBIRD,	11137,	Horizontal,	27500,	3/4,
1328,	Kurdistan TV,	HOTBIRD,	11137,	Horizontal,	27500,	3/4,
1329,	NHK World,	HOTBIRD,	11137,	Horizontal,	27500,	3/4,
1330,	Videolina,	HOTBIRD,	11137,	Horizontal,	27500,	3/4,
1331,	Sardegna1,	HOTBIRD,	11137,	Horizontal,	27500,	3/4,
1332,	TelefortuneSa	HOTBIRD,	11137,	Horizontal,	27500,	3/4,
1333,	GEM TV,	HOTBIRD,	11137,	Horizontal,	27500,	3/4,
1334,	Wedding TV,	HOTBIRD,	11117,	Vertical,	27500,	3/4,
1335,	BBC Entertain	HOTBIRD,	11117,	Vertical,	27500,	3/4,
1336,	BBC Knowled	HOTBIRD,	11117,	Vertical,	27500,	3/4,
1337,	BBC Lifestyle	HOTBIRD,	11117,	Vertical,	27500,	3/4,
1338,	BBC CBeebie	HOTBIRD,	11117,	Vertical,	27500,	3/4,
1339,	BBC Persian,	HOTBIRD,	11117,	Vertical,	27500,	3/4,
1340,	R1,	HOTBIRD,	11117,	Vertical,	27500,	3/4,

1341,	R1_Plus,	HOTBIRD,	11117,	Vertical,	27500,	3/4,
1342,	Mktv Sat,	HOTBIRD,	11117,	Vertical,	27500,	3/4,
1343,	RIKSAT,	HOTBIRD,	11117,	Vertical,	27500,	3/4,
1344,	Channel 6,	HOTBIRD,	11117,	Vertical,	27500,	3/4,
1345,	Al Malakoot T	HOTBIRD,	11117,	Vertical,	27500,	3/4,
1346,	Nickelodeon F	HOTBIRD,	11117,	Vertical,	27500,	3/4,
1347,	ARM_1,	HOTBIRD,	12597,	Vertical,	27500,	3/4,
1348,	BET,	HOTBIRD,	12597,	Vertical,	27500,	3/4,
1349,	BBC World Ne	HOTBIRD,	12597,	Vertical,	27500,	3/4,
1350,	RD1_Radio_#	HOTBIRD,	12597,	Vertical,	27500,	3/4,
1351,	Sonshine TV,	HOTBIRD,	12597,	Vertical,	27500,	3/4,
1352,	1TVRUS Eurc	HOTBIRD,	12597,	Vertical,	27500,	3/4,
1353,	CNNi,	HOTBIRD,	12597,	Vertical,	27500,	3/4,
1354,	Euronews,	HOTBIRD,	12597,	Vertical,	27500,	3/4,
1355,	JSTV1,	HOTBIRD,	12597,	Vertical,	27500,	3/4,
1356,	JSTV2,	HOTBIRD,	12597,	Vertical,	27500,	3/4,
1357,	SKY HD + 24,	HOTBIRD,	11785,	Horizontal,	27500,	3/4,
1358,	SKY Focus HI	HOTBIRD,	11785,	Horizontal,	27500,	3/4,
1359,	Prima Fila HD	HOTBIRD,	11785,	Horizontal,	27500,	3/4,
1360,	Test 6,	HOTBIRD,	11785,	Horizontal,	27500,	3/4,
1361,	Test 7,	HOTBIRD,	11785,	Horizontal,	27500,	3/4,
1362,	Sisal TV,	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1363,	SA OS downl	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1364,	Test Tv 1 Enc	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1365,	Test Tv 2 Enc	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1366,	TV Moda,	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1367,	Studio Europæ	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1368,	GLOBE MEDI	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1369,	NEW TELEVI	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1370,	GBR,	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1371,	BTV INPS,	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1372,	Super Tennis,	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1373,	TRSP,	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1374,	Test Channel,	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1375,	Telemarket,	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1376,	TEF CHANNE	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1377,	ALL TV,	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1378,	Radio Italia T	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1379,	Telelotto,	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1380,	SLO-TV1,	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1381,	SLO-TV2,	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1382,	PASSIONE P	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1383,	PLEASURE T	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1384,	BVN-TV,	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1385,	LOVEWORL	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1386,	BLU LINE,	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1387,	DANCE TV,	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1388,	NTV HAYAT	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1389,	TVS,	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1390,	SLO-TV3,	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1391,	Diva Futura,	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1392,	TV SLJEME,	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1393,	CRO MUSIC	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1394,	Kanal e Jadid	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1395,	UM TV,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1396,	AL Rasheed T	HOTBIRD,	12476,	Horizontal,	27500,	3/4,

1397,	ZAGROS TV,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1398,	KOREK TV,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1399,	LIVE CHANNI	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1400,	ICC+,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1401,	VIN,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1402,	KNN TV,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1403,	KANAL 4,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1404,	Newroz,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1405,	LIBERTY TV I	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1406,	Movie Peak C	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1407,	ITN+,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1408,	ICC,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1409,	RTV,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1410,	AIR BOX TV,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1411,	Zee TV,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1412,	Zee cinema,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1413,	Alpha Punjabi	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1414,	Sisal TV,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1415,	KOMALA,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1416,	ESP2 Int'l,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1417,	EUSP2 PL,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1418,	Prod ESP2,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1419,	ESP2 Test,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1420,	ESP2 Greek,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1421,	ESP2 Rus,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1422,	ESP2 Romani	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1423,	ESP Int'l,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1424,	ESP Romania	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1425,	ESP Dutch,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1426,	ESP Polish,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1427,	ESP Russian,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1428,	ESP Portuguese	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1429,	ESP Hungary	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1430,	Prod ESP,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1431,	ESP Czech,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1432,	ESP Greek,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1433,	ESP Cyprus,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1434,	ESP Bulgaria	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1435,	ESP2 Turk,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1436,	ESP Serbia,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1437,	ESP Turk,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1438,	ESP2 GERMAR	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1439,	ESP2 Serbia,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1440,	France 24 (en	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1441,	France 24 (in	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1442,	RTBF SAT,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1443,	RTBF Internat	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1444,	EUROSPORT	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1445,	EUROSPORT	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1446,	La Une,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1447,	La Deux,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1448,	RTL-TVi,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1449,	Club-RTL,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1450,	Plug-RTL,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1451,	Disney Chann	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1452,	TRT-TURK,	HOTBIRD,	10971,	Horizontal,	27500,	3/4,

1453,	Suroyo tv,	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1454,	Music Box Ru	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1455,	The Word Net	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1456,	Payam-E-Afgl	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1457,	Baby TV,	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1458,	MRTV / Univ	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1459,	Al-Anwar,	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1460,	LA8,	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1461,	LA9,	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1462,	Telenova,	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1463,	NTD TV,	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1464,	Russia Today	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1465,	GOD TV,	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1466,	ARMENIA TV	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1467,	Asianet Plus,	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1468,	Ictimai TV,	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1469,	AVA Persian I	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1470,	CALABRIA,	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1471,	TIZIANA SAT	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1472,	RTA,	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1473,	Cancao Nova	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1474,	Bethel TV,	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1475,	Extra 3,	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1476,	Dorcel TV,	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1477,	TAPESH TV2	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1478,	ADJARA TV,	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1479,	ECTV,	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1480,	PTV,	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1481,	Senato,	HOTBIRD,	11766,	Vertical,	27500,	2/3,
1482,	Napoli TLA,	HOTBIRD,	11604,	Horizontal,	27500,	5/6,
1483,	ARD "Das Ers	HOTBIRD,	11604,	Horizontal,	27500,	5/6,
1484,	DW-TV EURC	HOTBIRD,	11604,	Horizontal,	27500,	5/6,
1485,	DW-TV ARAB	HOTBIRD,	11604,	Horizontal,	27500,	5/6,
1486,	RTL 2 CH,	HOTBIRD,	11604,	Horizontal,	27500,	5/6,
1487,	Wala3 Arab tv	HOTBIRD,	11604,	Horizontal,	27500,	5/6,
1488,	Ailaj TV,	HOTBIRD,	11604,	Horizontal,	27500,	5/6,
1489,	.arab babes,	HOTBIRD,	11604,	Horizontal,	27500,	5/6,
1490,	Erde und Mer	HOTBIRD,	11604,	Horizontal,	27500,	5/6,
1491,	Italiamia,	HOTBIRD,	11604,	Horizontal,	27500,	5/6,
1492,	ASO SAT,	HOTBIRD,	11604,	Horizontal,	27500,	5/6,
1493,	Tele A+,	HOTBIRD,	11604,	Horizontal,	27500,	5/6,
1494,	DM Digital,	HOTBIRD,	11604,	Horizontal,	27500,	5/6,
1495,	Tele A,	HOTBIRD,	11604,	Horizontal,	27500,	5/6,
1496,	Pali Televisior	HOTBIRD,	11604,	Horizontal,	27500,	5/6,
1497,	Ethnic TV,	HOTBIRD,	11604,	Horizontal,	27500,	5/6,
1498,	Chinese Radii	HOTBIRD,	11604,	Horizontal,	27500,	5/6,
1499,	AlJazeera Do	HOTBIRD,	12111,	Vertical,	27500,	3/4,
1500,	AlJazeera Mu	HOTBIRD,	12111,	Vertical,	27500,	3/4,
1501,	ACM Channel	HOTBIRD,	12111,	Vertical,	27500,	3/4,
1502,	AL JAZEERA,	HOTBIRD,	12111,	Vertical,	27500,	3/4,
1503,	HIGH LIFE TV	HOTBIRD,	12111,	Vertical,	27500,	3/4,
1504,	OUT IP DATA	HOTBIRD,	12111,	Vertical,	27500,	3/4,
1505,	Radio Radio 1	HOTBIRD,	12111,	Vertical,	27500,	3/4,
1506,	Telefoggia,	HOTBIRD,	12111,	Vertical,	27500,	3/4,
1507,	Challenger Te	HOTBIRD,	12111,	Vertical,	27500,	3/4,
1508,	S.NEU JERU'	HOTBIRD,	12111,	Vertical,	27500,	3/4,

1509,	Jighen,	HOTBIRD,	12111,	Vertical,	27500,	3/4,
1510,	TV POLONIA,	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1511,	TVP SPORT,	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1512,	KINO POLSK.	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1513,	TRACE TV,	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1514,	5107,	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1515,	5108,	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1516,	ITV,	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1517,	TVP INFO,	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1518,	CINEMAX,	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1519,	PULS,	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1520,	TVP Kultura,	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1521,	ANIMAL PLAI	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1522,	CNBC,	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1523,	ZONE CLUB,	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1524,	ZONE REALI	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1525,	EQUIDIA PR	HOTBIRD,	12380,	Vertical,	27500,	3/4,
1526,	Yemen TV,	HOTBIRD,	12380,	Vertical,	27500,	3/4,
1527,	Syria Satellite	HOTBIRD,	12380,	Vertical,	27500,	3/4,
1528,	Abu Dhabi,	HOTBIRD,	12380,	Vertical,	27500,	3/4,
1529,	ZAHRAA TV,	HOTBIRD,	12380,	Vertical,	27500,	3/4,
1530,	Saudi arabia	HOTBIRD,	12380,	Vertical,	27500,	3/4,
1531,	ALBAGHDAD	HOTBIRD,	12380,	Vertical,	27500,	3/4,
1532,	RTV Montene	HOTBIRD,	12380,	Vertical,	27500,	3/4,
1533,	EQUIDIA PR	HOTBIRD,	12380,	Vertical,	27500,	3/4,
1534,	RFI Francais,	HOTBIRD,	12380,	Vertical,	27500,	3/4,
1535,	SAT 7,	HOTBIRD,	12380,	Vertical,	27500,	3/4,
1536,	HOLY GOD,	HOTBIRD,	12380,	Vertical,	27500,	3/4,
1537,	The Spirit Wo	HOTBIRD,	12380,	Vertical,	27500,	3/4,
1538,	Telepace,	HOTBIRD,	12380,	Vertical,	27500,	3/4,
1539,	ART PRIME S	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1540,	ART Sport 5	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1541,	ART MOVIES	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1542,	ART MOVIES	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1543,	ART SPORT	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1544,	LBC EUROPE	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1545,	ART SPORT	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1546,	IQRAA - AR	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1547,	ART CINEMA	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1548,	ART - ARABI	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1549,	ART HEKAYA	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1550,	ART SPORT	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1551,	ART SPORT	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1552,	ART SPORT	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1553,	ART HEKAYA	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1554,	FUTUTRE NE	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1555,	TVN,	HOTBIRD,	11394,	Vertical,	27500,	3/4,
1556,	TVN 24,	HOTBIRD,	11394,	Vertical,	27500,	3/4,
1557,	TVN Siedem,	HOTBIRD,	11394,	Vertical,	27500,	3/4,
1558,	Mango 24,	HOTBIRD,	11394,	Vertical,	27500,	3/4,
1559,	TVN METEO,	HOTBIRD,	11394,	Vertical,	27500,	3/4,
1560,	TVN TURBO,	HOTBIRD,	11394,	Vertical,	27500,	3/4,
1561,	TVN Style,	HOTBIRD,	11394,	Vertical,	27500,	3/4,
1562,	Test,	HOTBIRD,	11394,	Vertical,	27500,	3/4,
1563,	TVN CNBC B	HOTBIRD,	11394,	Vertical,	27500,	3/4,
1564,	MONDO ART	HOTBIRD,	12360,	Horizontal,	27500,	3/4,

1565,	SUBACQUEA	HOTBIRD,	12360,	Horizontal,	27500,	3/4,
1566,	GALAXY,	HOTBIRD,	12360,	Horizontal,	27500,	3/4,
1567,	!ALLOVE,	HOTBIRD,	12360,	Horizontal,	27500,	3/4,
1568,	EL HOB TV,	HOTBIRD,	12360,	Horizontal,	27500,	3/4,
1569,	HOUSE CHAI	HOTBIRD,	12360,	Horizontal,	27500,	3/4,
1570,	BIO TV,	HOTBIRD,	12360,	Horizontal,	27500,	3/4,
1571,	DIPRÈ ART C	HOTBIRD,	12360,	Horizontal,	27500,	3/4,
1572,	ONE MINUTE	HOTBIRD,	12360,	Horizontal,	27500,	3/4,
1573,	CASA ITALIA	HOTBIRD,	12360,	Horizontal,	27500,	3/4,
1574,	R1 ,	HOTBIRD,	12360,	Horizontal,	27500,	3/4,
1575,	MARE TV,	HOTBIRD,	12360,	Horizontal,	27500,	3/4,
1576,	4U India,	HOTBIRD,	12360,	Horizontal,	27500,	3/4,
1577,	CASTING CH	HOTBIRD,	12360,	Horizontal,	27500,	3/4,
1578,	SEXYSAT2,	HOTBIRD,	12360,	Horizontal,	27500,	3/4,
1579,	DUBAI TV,	HOTBIRD,	11747,	Horizontal,	27500,	3/4,
1580,	DUBAI SPOR	HOTBIRD,	11747,	Horizontal,	27500,	3/4,
1581,	SAMADUBAI,	HOTBIRD,	11747,	Horizontal,	27500,	3/4,
1582,	PMC,	HOTBIRD,	11747,	Horizontal,	27500,	3/4,
1583,	AL SHARQIY,	HOTBIRD,	11747,	Horizontal,	27500,	3/4,
1584,	AL ARABIYA,	HOTBIRD,	11747,	Horizontal,	27500,	3/4,
1585,	MBC MAGHR	HOTBIRD,	11747,	Horizontal,	27500,	3/4,
1586,	ME SHOP,	HOTBIRD,	11747,	Horizontal,	27500,	3/4,
1587,	EZ Shop,	HOTBIRD,	11747,	Horizontal,	27500,	3/4,
1588,	PIANETA,	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1589,	Cartomanzia_	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1590,	ARTE,	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1591,	DAN LANKA,	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1592,	TV_ROMANI/	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1593,	Carisma_TV,	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1594,	KBS_WORLD	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1595,	BEUR TV,	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1596,	K+,	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1597,	Abu_dhabi_Sj	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1598,	South for You	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1599,	ARTE,	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1600,	Noursat,	HOTBIRD,	10949,	Vertical,	27500,	3/4,
1601,	Rete Capri,	HOTBIRD,	10949,	Vertical,	27500,	3/4,
1602,	Sun KTV,	HOTBIRD,	10949,	Vertical,	27500,	3/4,
1603,	ANB,	HOTBIRD,	10949,	Vertical,	27500,	3/4,
1604,	Sun TV +442(HOTBIRD,	10949,	Vertical,	27500,	3/4,
1605,	Al Hiwar TV,	HOTBIRD,	10949,	Vertical,	27500,	3/4,
1606,	CN/TCM,	HOTBIRD,	10949,	Vertical,	27500,	3/4,
1607,	DMC TV,	HOTBIRD,	10949,	Vertical,	27500,	3/4,
1608,	Al Forat,	HOTBIRD,	10949,	Vertical,	27500,	3/4,
1609,	Al Forat Radic	HOTBIRD,	10949,	Vertical,	27500,	3/4,
1610,	Disney Chann	HOTBIRD,	10949,	Vertical,	27500,	3/4,
1611,	Cartoon Netw	HOTBIRD,	10949,	Vertical,	27500,	3/4,
1612,	Turner Classic	HOTBIRD,	10949,	Vertical,	27500,	3/4,
1613,	All Music,	HOTBIRD,	10949,	Vertical,	27500,	3/4,
1614,	JSC SPORT+	HOTBIRD,	11296,	Horizontal,	27500,	3/4,
1615,	JSC SPORT+	HOTBIRD,	11296,	Horizontal,	27500,	3/4,
1616,	JSC SPORT+	HOTBIRD,	11296,	Horizontal,	27500,	3/4,
1617,	JSC SPORT+	HOTBIRD,	11296,	Horizontal,	27500,	3/4,
1618,	Test EXT TV5	HOTBIRD,	11296,	Horizontal,	27500,	3/4,
1619,	Test EXT TV6	HOTBIRD,	11296,	Horizontal,	27500,	3/4,
1620,	Test EXT TV7	HOTBIRD,	11296,	Horizontal,	27500,	3/4,

1621,	Test EXT TV8	HOTBIRD,	11296,	Horizontal,	27500,	3/4,
1622,	Test EXT TV9	HOTBIRD,	11296,	Horizontal,	27500,	3/4,
1623,	Test EXT TV1	HOTBIRD,	11296,	Horizontal,	27500,	3/4,
1624,	Mktv Sat,	HOTBIRD,	11470,	Vertical,	27500,	5/6,
1625,	RIKSAT,	HOTBIRD,	11470,	Vertical,	27500,	5/6,
1626,	PEN TV,	HOTBIRD,	11470,	Vertical,	27500,	5/6,
1627,	Channel 6,	HOTBIRD,	11470,	Vertical,	27500,	5/6,
1628,	SALAAM TV,	HOTBIRD,	11470,	Vertical,	27500,	5/6,
1629,	OMID E IRAN	HOTBIRD,	11470,	Vertical,	27500,	5/6,
1630,	BET NAHRAII	HOTBIRD,	11470,	Vertical,	27500,	5/6,
1631,	JAAM E JAM,	HOTBIRD,	11470,	Vertical,	27500,	5/6,
1632,	PROPHETIC,	HOTBIRD,	11470,	Vertical,	27500,	5/6,
1633,	IRAN,	HOTBIRD,	11470,	Vertical,	27500,	5/6,
1634,	Ariana,	HOTBIRD,	11470,	Vertical,	27500,	5/6,
1635,	AL Malakoot 1	HOTBIRD,	11470,	Vertical,	27500,	5/6,
1636,	Tasvir Iran,	HOTBIRD,	11470,	Vertical,	27500,	5/6,
1637,	MOHABAT TV	HOTBIRD,	11470,	Vertical,	27500,	5/6,
1638,	TAPESH,	HOTBIRD,	11470,	Vertical,	27500,	5/6,
1639,	Satlink OU,	HOTBIRD,	11470,	Vertical,	27500,	5/6,
1640,	Celine show T	HOTBIRD,	11470,	Vertical,	27500,	5/6,
1641,	Nick Polska,	HOTBIRD,	11470,	Vertical,	27500,	5/6,
1642,	Bloomberg Fr	HOTBIRD,	11642,	Horizontal,	27500,	3/4,
1643,	Bloomberg Ita	HOTBIRD,	11642,	Horizontal,	27500,	3/4,
1644,	Bloomberg Eu	HOTBIRD,	11642,	Horizontal,	27500,	3/4,
1645,	Bloomberg Gc	HOTBIRD,	11642,	Horizontal,	27500,	3/4,
1646,	Bloomberg Er	HOTBIRD,	11642,	Horizontal,	27500,	3/4,
1647,	SAT-7 KIDS,	HOTBIRD,	11642,	Horizontal,	27500,	3/4,
1648,	Bloomberg Sp	HOTBIRD,	11642,	Horizontal,	27500,	3/4,
1649,	Miracle TV,	HOTBIRD,	11642,	Horizontal,	27500,	3/4,
1650,	SAT-7 PARS,	HOTBIRD,	11642,	Horizontal,	27500,	3/4,
1651,	Fileas,	HOTBIRD,	11642,	Horizontal,	27500,	3/4,
1652,	ERTSAT Eurc	HOTBIRD,	11642,	Horizontal,	27500,	3/4,
1653,	TVN Warszaw	HOTBIRD,	11508,	Vertical,	27500,	3/4,
1654,	TVN Lingua,	HOTBIRD,	11508,	Vertical,	27500,	3/4,
1655,	Religia.TV,	HOTBIRD,	11508,	Vertical,	27500,	3/4,
1656,	n Sport,	HOTBIRD,	11508,	Vertical,	27500,	3/4,
1657,	TVP Sport,	HOTBIRD,	11508,	Vertical,	27500,	3/4,
1658,	Filmbox,	HOTBIRD,	11508,	Vertical,	27500,	3/4,
1659,	Filmbox Extra	HOTBIRD,	11508,	Vertical,	27500,	3/4,
1660,	Filmbox Famil	HOTBIRD,	11508,	Vertical,	27500,	3/4,
1661,	IRIB1 PER,	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1662,	IRIB1 ENG,	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1663,	IRIB2 PER,	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1664,	IRIB2 ENG,	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1665,	IRINN,	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1666,	IRIB QURAN,	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1667,	SAHAR,	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1668,	AL-ALAM,	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1669,	RADIO QURAN	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1670,	SEDAYE ASH	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1671,	RADIO IRAN,	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1672,	RADIO MAAR	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1673,	IRIB1/IRIB2,	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1674,	IRIB5/IRIB4,	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1675,	IRIB3/IRIB6,	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1676,	ALKAWTHAR	HOTBIRD,	12437,	Horizontal,	27500,	3/4,

1677,	FEED,	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1678,	PRESS TV,	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1679,	T. R. Padre P	HOTBIRD,	12558,	Vertical,	27500,	3/4,
1680,	AL JAZEERA	HOTBIRD,	12558,	Vertical,	27500,	3/4,
1681,	Baraem,	HOTBIRD,	12558,	Vertical,	27500,	3/4,
1682,	TELELOTTO,	HOTBIRD,	12558,	Vertical,	27500,	3/4,
1683,	RTL9,	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1684,	AB1,	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1685,	AB MOTEUR:	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1686,	ANIMAUX,	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1687,	CHASSE & P	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1688,	XXL,	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1689,	TF1,	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1690,	ESCALES,	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1691,	Fit/Toute l'His	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1692,	NT1,	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1693,	ACTION,	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1694,	MANGAS,	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1695,	ENCYCLOPE	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1696,	XXL PL,	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1697,	France 5,	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1698,	France ô,	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1699,	LCP,	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1700,	VIDEOCLICK	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1701,	M6 ,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1702,	NRJ12,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1703,	France 2,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1704,	W9 ,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1705,	TMC,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1706,	CINE POLAR	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1707,	CINE FX,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1708,	Virgin 17,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1709,	AB3,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1710,	AB4,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1711,	Gulli,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1712,	LUXE TV,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1713,	O. sport info,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1714,	France 3,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1715,	France 4,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1716,	CINE FIRST,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1717,	novasports3,	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1718,	VH1,	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1719,	MTV,	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1720,	MGM,	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1721,	Animal Planet	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1722,	novacinema2,	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1723,	National Geog	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1724,	novacinema2	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1725,	A TEST,	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1726,	Summer Cine	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1727,	OTV Test,	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1728,	OTV PVR,	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1729,	novasports3 C	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1730,	novacinema1	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1731,	EEPG,	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1732,	NOVA SCOP	HOTBIRD,	10930,	Horizontal,	27500,	Auto,

1733,	Travel Channel	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1734,	MAD GREEK	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1735,	Summer Cine	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1736,	R1,	HOTBIRD,	11823,	Horizontal,	27500,	3/4,
1737,	R2,	HOTBIRD,	11823,	Horizontal,	27500,	3/4,
1738,	R3,	HOTBIRD,	11823,	Horizontal,	27500,	3/4,
1739,	R4,	HOTBIRD,	11823,	Horizontal,	27500,	3/4,
5001,	P-DEUTSCHE	ASTRA 1,	12070,	Horizontal,	27500,	3/4,
5002,	P-ROCK HYM	ASTRA 1,	12070,	Horizontal,	27500,	3/4,
5003,	P-LOVE SON	ASTRA 1,	12070,	Horizontal,	27500,	3/4,
5004,	P-60ER/70ER	ASTRA 1,	12070,	Horizontal,	27500,	3/4,
5005,	P-80ER/90ER	ASTRA 1,	12070,	Horizontal,	27500,	3/4,
5006,	P-RnB/HIP H	ASTRA 1,	12070,	Horizontal,	27500,	3/4,
5007,	P-COUNTRY,	ASTRA 1,	12070,	Horizontal,	27500,	3/4,
5008,	domradio,	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
5009,	egoFM,	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
5010,	Klassik Radio	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
5011,	oldiestar*,	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
5012,	HOPE Channel	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
5013,	.,	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
5014,	ROCK ANTE	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
5015,	ERF Radio,	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
5016,	sunshine live,	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
5017,	ANTENNE B	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
5018,	2255 Gewinn	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
5019,	DELUXE RAC	ASTRA 1,	12246,	Vertical,	27500,	3/4,
5020,	DELUXE LOU	ASTRA 1,	12246,	Vertical,	27500,	3/4,
5021,	TEDDY,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
5022,	APS.R12,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
5023,	APS.R13,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
5024,	APS.R14,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
5025,	APS.R15,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
5026,	CNN Radio,	ASTRA 1,	11778,	Vertical,	27500,	3/4,
5027,	Inselradio,	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
5028,	radio top40,	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
5029,	HIT RADIO FI	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
5030,	planet radio,	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
5031,	harmony.fm,	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
5032,	ffn digital,	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
5033,	Radio Paloma	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
5034,	WRN Deutsch	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
5035,	PEPPERMIN	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
5036,	ffn Comedy,	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
5037,	Radio Gloria,	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
5038,	Radio Regent	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
5039,	DKULTUR,	ASTRA 1,	11953,	Horizontal,	27500,	3/4,
5040,	DLF,	ASTRA 1,	11953,	Horizontal,	27500,	3/4,
5041,	Dok&Deb,	ASTRA 1,	11953,	Horizontal,	27500,	3/4,
5042,	CANALSAT R	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5043,	FRANCE MU	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5044,	FIP,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5045,	FRANCE INF	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5046,	FRANCE INTI	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5047,	FRANCE BLE	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5048,	RFI INT,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5049,	RADIO CLAS	ASTRA 1,	12207,	Vertical,	27500,	3/4,

5050,	EUROPE 1,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5051,	RMC,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5052,	RTL,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5053,	RIRE & CHAM	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5054,	SUD RADIO,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5055,	MC DOUALIY	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5056,	TSF JAZZ,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5057,	NOSTALGIE,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5058,	BFM,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5059,	JAZZ RADIO,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5060,	NRJ,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5061,	VIRGIN RADI	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5062,	RTL 2,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5063,	SKYROCK,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5064,	FUN RADIO,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5065,	LE MOUV',	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5066,	NOVA,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5067,	RADIO FG,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5068,	VIBRATION,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5069,	CONTACT FM	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5070,	RADIO LATIN	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5071,	RFM,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5072,	CHERIE FM,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5073,	VOLTAGE,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5074,	OUI FM,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5075,	ADO,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5076,	COULEUR 3,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5077,	PARENTHES	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5078,	RADIO NOTR	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5079,	RADIO ALFA,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5080,	RCJ / SHALO	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5081,	BEUR FM,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5082,	BBC ARABIC	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5083,	RFI MULTILIN	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5084,	RCI SAT,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5085,	MEDI 1,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5086,	FRANCE CUL	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5087,	WRN,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5088,	BBCW SERVI	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5089,	RADIO COUF	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5090,	RTL RADIO,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
5091,	RTL 1440,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
5092,	RV info,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
5093,	Radio Vlaand	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
5094,	Mint,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
5095,	Bel RTL,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
5096,	Radio Contac	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
5097,	Pure FM,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
5098,	Classic21,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
5099,	VivaCite,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
5100,	Musiq 3,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
5101,	La Premiere,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
5102,	MEHRKANAL	ASTRA 1,	12421,	Horizontal,	27500,	3/4,
5103,	FunX,	ASTRA 1,	12515,	Horizontal,	22000,	5/6,
5104,	Classic FM,	ASTRA 1,	12515,	Horizontal,	22000,	5/6,
5105,	Q-Music,	ASTRA 1,	12515,	Horizontal,	22000,	5/6,

5106,	Radio 4 Surro	ASTRA 1,	12515,	Horizontal,	22000,	5/6,
5107,	CAZI,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5108,	KINK FM,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5109,	RNW1,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5110,	RNW2,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5111,	Sky Radio,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5112,	538 Juize,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5113,	Radio538,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5114,	NL-Radio 6,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5115,	NL-Radio 1,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5116,	NL-Radio 2,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5117,	NL-3FM,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5118,	NL-Radio 4,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5119,	NL-Radio 5,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5120,	Radio10Gold,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5121,	RNW3,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5122,	Radio Veronic	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5123,	Radio neue H	ASTRA 1,	10832,	Horizontal,	22000,	5/6,
5124,	Radio Horeb,	ASTRA 1,	10832,	Horizontal,	22000,	5/6,
5125,	CFN/RFC,	ASTRA 1,	10832,	Horizontal,	22000,	5/6,
5126,	Radio Maryja,	ASTRA 1,	10773,	Horizontal,	22000,	5/6,
5127,	RADIOS ESP	ASTRA 1,	10847,	Vertical,	22000,	5/6,
5128,	OE1,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5129,	OE1 DD,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5130,	OE2 W,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5131,	OE2 N,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5132,	OE2 B,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5133,	OE2 O,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5134,	OE2 S,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5135,	OE2 T,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5136,	OE2 V,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5137,	OE2 St,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5138,	OE2 K,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5139,	OE3,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5140,	FM4,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5141,	Ö1 Internatio	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5142,	RADIO MARI	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5143,	Bayern 1,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5144,	Bayern 2,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5145,	BAYERN 3,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5146,	BAYERN 4 KL	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5147,	B5 aktuell,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5148,	BAYERN plus	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5149,	on3radio,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5150,	BR Verkehr,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5151,	B5 plus,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5152,	DW 1,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5153,	DW 4,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5154,	hr1,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5155,	hr2,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5156,	hr3,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5157,	hr4,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5158,	YOU FM,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5159,	hr iNFO,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5160,	hr iNFO +,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5161,	MDR1 SACH	ASTRA 1,	12265,	Horizontal,	27500,	3/4,

5162,	MDR1 SA-AN ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5163,	MDR1 THÜRI ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5164,	MDR FIGARCA STRA 1,	12265,	Horizontal,	27500,	3/4,
5165,	JUMP, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5166,	MDR SPUTNI ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5167,	MDR Info, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5168,	MDR KLASSI ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5169,	NDR 2, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5170,	NDR Kultur, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5171,	NDR Info, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5172,	N-JOY, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5173,	NDR 90,3, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5174,	NDR1WelleN ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5175,	NDR 1 Radio ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5176,	NDR 1 Nieder ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5177,	NDR Info Spe ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5178,	Bremen Eins, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5179,	Nordwestradic ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5180,	Bremen Vier, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5181,	Inforadio, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5182,	Kulturradio, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5183,	Antenne Bran ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5184,	radioBERLIN ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5185,	radioeins, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5186,	Fritz, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5187,	SR1 Europaw ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5188,	SR2 KulturRa ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5189,	SR3 Saarland ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5190,	SWR 1 BW, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5191,	SWR 1 RP, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5192,	SWR 2, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5193,	SWR 3, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5194,	SSR-La 1ere, HOTBIRD,	11526,	Horizontal,	27500,	Auto,
5195,	SSR-Espace :HOTBIRD,	11526,	Horizontal,	27500,	Auto,
5196,	SSR-Couleur: HOTBIRD,	11526,	Horizontal,	27500,	Auto,
5197,	SSR-Option M HOTBIRD,	11526,	Horizontal,	27500,	Auto,
5198,	SSR-Rete Un: HOTBIRD,	11526,	Horizontal,	27500,	Auto,
5199,	SSR-Rete Du: HOTBIRD,	11526,	Horizontal,	27500,	Auto,
5200,	SSR-Rete Tre: HOTBIRD,	11526,	Horizontal,	27500,	Auto,
5201,	SSR-WRS, HOTBIRD,	11526,	Horizontal,	27500,	Auto,
5202,	SSR-CH-Clas HOTBIRD,	11526,	Horizontal,	27500,	Auto,
5203,	Radio Mater, HOTBIRD,	11919,	Vertical,	27500,	Auto,