

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,	11302,	Horizontal,	22000,	2/3,
17,	ATV+,	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
18,	PULS 4 Austr	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,	DMAX,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
26,	arte,	ASTRA 1,	10743,	Horizontal,	22000,	5/6,
27,	arte HD,	ASTRA 1,	11361,	Horizontal,	22000,	2/3,
28,	KiKa,	ASTRA 1,	11953,	Horizontal,	27500,	3/4,
29,	NICK/COMEL	ASTRA 1,	11973,	Vertical,	27500,	3/4,
30,	NICK AUSTR	ASTRA 1,	12226,	Horizontal,	27500,	3/4,
31,	EinsExtra,	ASTRA 1,	10743,	Horizontal,	22000,	5/6,
32,	EinsPlus,	ASTRA 1,	10743,	Horizontal,	22000,	5/6,
33,	EinsFestival,	ASTRA 1,	10743,	Horizontal,	22000,	5/6,
34,	EinsFestival †	ASTRA 1,	12421,	Horizontal,	27500,	3/4,
35,	ANIXE SD,	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
36,	ANIXE HD,	ASTRA 1,	11302,	Horizontal,	22000,	2/3,
37,	rbb Brandenb	ASTRA 1,	12109,	Horizontal,	27500,	3/4,
38,	rbb Berlin,	ASTRA 1,	12109,	Horizontal,	27500,	3/4,
39,	MDR Sachser	ASTRA 1,	12109,	Horizontal,	27500,	3/4,
40,	WDR Aachen	ASTRA 1,	12603,	Horizontal,	22000,	5/6,
41,	NDR FS HH,	ASTRA 1,	12109,	Horizontal,	27500,	3/4,
42,	hr-fernsehen,	ASTRA 1,	11836,	Horizontal,	27500,	3/4,
43,	SWR Fernseh	ASTRA 1,	11836,	Horizontal,	27500,	3/4,
44,	SWR Fernseh	ASTRA 1,	12109,	Horizontal,	27500,	3/4,
45,	SR Fernseher	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
46,	BR-alpha,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
47,	Bayerisches F	ASTRA 1,	11836,	Horizontal,	27500,	3/4,
48,	Bayerisches F	ASTRA 1,	11836,	Horizontal,	27500,	3/4,
49,	3sat,	ASTRA 1,	11953,	Horizontal,	27500,	3/4,
50,	ZDFdokukanə	ASTRA 1,	11953,	Horizontal,	27500,	3/4,
51,	ZDFinfokanal,	ASTRA 1,	11953,	Horizontal,	27500,	3/4,
52,	ZDFtheaterka	ASTRA 1,	11953,	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,	11597,	Vertical,	22000,	5/6,
56,	EuroNews,	ASTRA 1,	12226,	Horizontal,	27500,	3/4,
57,	?DAF-Anlege	ASTRA 1,	12246,	Vertical,	27500,	3/4,
58,	rhein main tv,	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
59,	Phoenix,	ASTRA 1,	10743,	Horizontal,	22000,	5/6,
60,	COMEDY CE	ASTRA 1,	11973,	Vertical,	27500,	3/4,
61,	†ONTV Regio	ASTRA 1,	12246,	Vertical,	27500,	3/4,
62,	S-TV,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
63,	RNF,	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
64,	TIER.TV,	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
65,	TVM/WWTV,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
66,	†Franken SA	ASTRA 1,	12246,	Vertical,	27500,	3/4,
67,	LokalSAT,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
68,	†münchen.tv/	ASTRA 1,	12246,	Vertical,	27500,	3/4,
69,	tv.gusto,	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
70,	AUSTRIA 9 T	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
71,	TW1,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
72,	DW-TV,	ASTRA 1,	11597,	Vertical,	22000,	5/6,
73,	tirol tv,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
74,	LUXE.TV SD,	ASTRA 1,	12551,	Vertical,	22000,	5/6,
75,	1-2-3.tv,	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
76,	AstroTV,	ASTRA 1,	12480,	Vertical,	27500,	3/4,
77,	Bibel TV,	ASTRA 1,	12551,	Vertical,	22000,	5/6,
78,	K-TV,	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
79,	9Live,	ASTRA 1,	12544,	Horizontal,	22000,	5/6,
80,	ORF2E,	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
81,	HOPE Chann	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
82,	HSE24,	ASTRA 1,	12480,	Vertical,	27500,	3/4,
83,	HSE24 extra,	ASTRA 1,	12226,	Horizontal,	27500,	3/4,
84,	Q TV SHOP,	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
85,	QVC Deutsch	ASTRA 1,	12551,	Vertical,	22000,	5/6,
86,	meinTVshop,	ASTRA 1,	12480,	Vertical,	27500,	3/4,
87,	Channel 21,	ASTRA 1,	12187,	Horizontal,	27500,	3/4,
88,	VIVA Polska,	HOTBIRD,	11075,	Vertical,	27500,	3/4,
89,	VIVA German	ASTRA 1,	11973,	Vertical,	27500,	3/4,
90,	MTV German	ASTRA 1,	11973,	Vertical,	27500,	3/4,
91,	MTV AUSTRI.	ASTRA 1,	12226,	Horizontal,	27500,	3/4,
92,	GoTV,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
93,	?DELUXE ML	ASTRA 1,	12246,	Vertical,	27500,	3/4,
94,	imusic TV,	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
95,	RTL 102.5 TV	HOTBIRD,	11623,	Vertical,	27500,	3/4,
96,	YAVIDO CLIP	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
97,	Sky News Intl	ASTRA 1,	10832,	Horizontal,	22000,	5/6,
98,	CNBC Europe	ASTRA 1,	11597,	Vertical,	22000,	5/6,
99,	BBC World,	ASTRA 1,	11597,	Vertical,	22000,	5/6,
100,	CNN Int.,	ASTRA 1,	11778,	Vertical,	27500,	3/4,
101,	NHK World T	ASTRA 1,	11508,	Vertical,	22000,	5/6,
102,	Buzz TV,	HOTBIRD,	10723,	Horizontal,	29900,	Auto,
103,	GOD Channe	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
104,	World Fashior	HOTBIRD,	12322,	Horizontal,	27500,	3/4,
105,	TSI1,	HOTBIRD,	11526,	Horizontal,	27500,	Auto,
106,	TSI2,	HOTBIRD,	11526,	Horizontal,	27500,	Auto,
107,	RAI1,	HOTBIRD,	11766,	Vertical,	27500,	2/3,
108,	Rai HD 1,	HOTBIRD,	11804,	Vertical,	27500,	2/3,

109,	RAI2,	HOTBIRD,	11766,	Vertical,	27500,	2/3,
110,	RAI3,	HOTBIRD,	11766,	Vertical,	27500,	2/3,
111,	Italia 1,	HOTBIRD,	11919,	Vertical,	27500,	Auto,
112,	Canale 5,	HOTBIRD,	11919,	Vertical,	27500,	Auto,
113,	Retequattro,	HOTBIRD,	11919,	Vertical,	27500,	Auto,
114,	Rai Gulp,	HOTBIRD,	11804,	Vertical,	27500,	2/3,
115,	RaiEdu1,	HOTBIRD,	11766,	Vertical,	27500,	2/3,
116,	RaiMed,	HOTBIRD,	11766,	Vertical,	27500,	2/3,
117,	Rai Storia,	HOTBIRD,	11804,	Vertical,	27500,	2/3,
118,	RAI Sport più,	HOTBIRD,	11804,	Vertical,	27500,	2/3,
119,	RaiNotizie24,	HOTBIRD,	11804,	Vertical,	27500,	2/3,
120,	RaiNettunoSa	HOTBIRD,	11804,	Vertical,	27500,	2/3,
121,	Italia 8,	HOTBIRD,	12520,	Vertical,	27500,	3/4,
122,	Toscana Cha	HOTBIRD,	11541,	Vertical,	22000,	5/6,
123,	Cinquestelle,	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
124,	Sardegna Ch	HOTBIRD,	11541,	Vertical,	22000,	5/6,
125,	Made In Italy,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
126,	SAT2000,	HOTBIRD,	11804,	Vertical,	27500,	2/3,
127,	Camera Depu	HOTBIRD,	11804,	Vertical,	27500,	2/3,
128,	TAXI CHANN	HOTBIRD,	12520,	Vertical,	27500,	3/4,
129,	Telemarket,	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
130,	CALABRIA,	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
131,	Senato,	HOTBIRD,	11766,	Vertical,	27500,	2/3,
132,	Napoli TLA,	HOTBIRD,	11604,	Horizontal,	27500,	5/6,
133,	Sicilia Chann	HOTBIRD,	12111,	Vertical,	27500,	3/4,
134,	Telemarket 2,	HOTBIRD,	12111,	Vertical,	27500,	3/4,
135,	Mediterraneo	HOTBIRD,	12111,	Vertical,	27500,	3/4,
136,	Puglia Chann	HOTBIRD,	12111,	Vertical,	27500,	3/4,
137,	50 Canale,	HOTBIRD,	11541,	Vertical,	22000,	5/6,
138,	Umbria Chanr	HOTBIRD,	11541,	Vertical,	22000,	5/6,
139,	BERGAMOS/	HOTBIRD,	11541,	Vertical,	22000,	5/6,
140,	La Nuova TV,	HOTBIRD,	11541,	Vertical,	22000,	5/6,
141,	Nessuno TV,	HOTBIRD,	11541,	Vertical,	22000,	5/6,
142,	ROMAUNO,	HOTBIRD,	11541,	Vertical,	22000,	5/6,
143,	TVA Vicenza,	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
144,	MOTORI TV,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
145,	NOELLO SAT	HOTBIRD,	12520,	Vertical,	27500,	3/4,
146,	Sardegna1,	HOTBIRD,	11137,	Horizontal,	27500,	3/4,
147,	ITALIAN MUS	HOTBIRD,	12303,	Vertical,	27500,	3/4,
148,	TSR1,	HOTBIRD,	11526,	Horizontal,	27500,	Auto,
149,	TSR2,	HOTBIRD,	11526,	Horizontal,	27500,	Auto,
150,	TV5MONDE,	ASTRA 1,	11567,	Vertical,	22000,	5/6,
151,	ARTE,	ASTRA 1,	11567,	Vertical,	22000,	5/6,
152,	TV5MONDE E	ASTRA 1,	11597,	Vertical,	22000,	5/6,
153,	M6 BOUTIQU	ASTRA 1,	11597,	Vertical,	22000,	5/6,
154,	NRJ Paris,	ASTRA 1,	11508,	Vertical,	22000,	5/6,
155,	BFM TV,	ASTRA 1,	11508,	Vertical,	22000,	5/6,
156,	Direct 8,	ASTRA 1,	11538,	Vertical,	22000,	5/6,
157,	France 24 (en	ASTRA 1,	11538,	Vertical,	22000,	5/6,
158,	TV8 Mt Blanc	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
159,	CCTV F,	ASTRA 1,	11538,	Vertical,	22000,	5/6,
160,	Fashion TV,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
161,	F men,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
162,	TVEi,	ASTRA 1,	11567,	Vertical,	22000,	5/6,
163,	TVE 1,	ASTRA 1,	10817,	Vertical,	22000,	5/6,
164,	TVE Internaci	HOTBIRD,	11727,	Vertical,	27500,	3/4,

165,	TVE Internaci	HOTBIRD,	11727,	Vertical,	27500,	3/4,
166,	Canal 24 Horz	HOTBIRD,	11727,	Vertical,	27500,	3/4,
167,	HD suisse,	HOTBIRD,	12399,	Horizontal,	27500,	3/4,
168,	ORF 1 HD,	ASTRA 1,	11302,	Horizontal,	22000,	2/3,
169,	arte HD,	ASTRA 1,	11361,	Horizontal,	22000,	2/3,
170,	EinsFestival	ASTRA 1,	12421,	Horizontal,	27500,	3/4,
171,	ANIXE HD,	ASTRA 1,	11302,	Horizontal,	22000,	2/3,
172,	ASTRA HD+	ASTRA 1,	11302,	Horizontal,	22000,	2/3,
173,	†RTL Crime,	ASTRA 1,	12070,	Horizontal,	27500,	3/4,
174,	RTL Passion,	ASTRA 1,	12070,	Horizontal,	27500,	3/4,
175,	Sat.1 Comedy	ASTRA 1,	12544,	Horizontal,	22000,	5/6,
176,	kabel eins cla	ASTRA 1,	12544,	Horizontal,	22000,	5/6,
177,	Sky Cinema	ASTRA 1,	11914,	Horizontal,	27500,	9/10,
178,	Discovery HD	ASTRA 1,	11914,	Horizontal,	27500,	9/10,
179,	Eurosport HD	ASTRA 1,	11914,	Horizontal,	27500,	9/10,
180,	Sky Sport HD	ASTRA 1,	11914,	Horizontal,	27500,	9/10,
181,	Sky Cinema,	ASTRA 1,	11797,	Horizontal,	27500,	3/4,
182,	Sky Cinema +	ASTRA 1,	11797,	Horizontal,	27500,	3/4,
183,	Sky Cinema +	ASTRA 1,	11797,	Horizontal,	27500,	3/4,
184,	Sky Action,	ASTRA 1,	11797,	Horizontal,	27500,	3/4,
185,	Sky Comedy,	ASTRA 1,	11797,	Horizontal,	27500,	3/4,
186,	Sky Emotion,	ASTRA 1,	11797,	Horizontal,	27500,	3/4,
187,	Sky Nostalgie	ASTRA 1,	11719,	Horizontal,	27500,	3/4,
188,	Sky Cinema	ASTRA 1,	11719,	Horizontal,	27500,	3/4,
189,	Sky Krimi,	ASTRA 1,	12070,	Horizontal,	27500,	3/4,
190,	Discovery Chz	ASTRA 1,	12031,	Horizontal,	27500,	3/4,
191,	13th Street,	ASTRA 1,	12070,	Horizontal,	27500,	3/4,
192,	SciFi,	ASTRA 1,	11758,	Horizontal,	27500,	3/4,
193,	MGM,	ASTRA 1,	11719,	Horizontal,	27500,	3/4,
194,	National Geoç	ASTRA 1,	12031,	Horizontal,	27500,	3/4,
195,	NatGeo Wild,	ASTRA 1,	12031,	Horizontal,	27500,	3/4,
196,	History,	ASTRA 1,	11875,	Horizontal,	27500,	3/4,
197,	Disney Chann	ASTRA 1,	11758,	Horizontal,	27500,	3/4,
198,	Playhouse Dis	ASTRA 1,	11758,	Horizontal,	27500,	3/4,
199,	Jetix,	ASTRA 1,	11758,	Horizontal,	27500,	3/4,
200,	Junior,	ASTRA 1,	11758,	Horizontal,	27500,	3/4,
201,	Boomerang,	ASTRA 1,	11875,	Horizontal,	27500,	3/4,
202,	Fox Serie,	ASTRA 1,	12070,	Horizontal,	27500,	3/4,
203,	TNT Serie,	ASTRA 1,	12070,	Horizontal,	27500,	3/4,
204,	Disney Cinem	ASTRA 1,	11719,	Horizontal,	27500,	3/4,
205,	Heimatkanal,	ASTRA 1,	11758,	Horizontal,	27500,	3/4,
206,	Goldstar TV,	ASTRA 1,	11758,	Horizontal,	27500,	3/4,
207,	Classica,	ASTRA 1,	11758,	Horizontal,	27500,	3/4,
208,	TNT Film (TC	ASTRA 1,	11875,	Horizontal,	27500,	3/4,
209,	Kinowelt TV,	ASTRA 1,	11875,	Horizontal,	27500,	3/4,
210,	Romance TV,	ASTRA 1,	11875,	Horizontal,	27500,	3/4,
211,	ANIMAX,	ASTRA 1,	12441,	Vertical,	27500,	3/4,
212,	Cartoon Netw	ASTRA 1,	12441,	Vertical,	27500,	3/4,
213,	EuroSport 2 (z	ASTRA 1,	12441,	Vertical,	27500,	3/4,
214,	RTL Living,	ASTRA 1,	12441,	Vertical,	27500,	3/4,
215,	Biography Chz	ASTRA 1,	12441,	Vertical,	27500,	3/4,
216,	AXN Action,	ASTRA 1,	11875,	Horizontal,	27500,	3/4,
217,	e.clips,	ASTRA 1,	11875,	Horizontal,	27500,	3/4,
218,	Spiegel Gescl	ASTRA 1,	12031,	Horizontal,	27500,	3/4,
219,	Focus Gesunc	ASTRA 1,	12031,	Horizontal,	27500,	3/4,
220,	Motorvision T	ASTRA 1,	12070,	Horizontal,	27500,	3/4,

221,	sportdigital.tv, ASTRA 1,	11875,	Horizontal,	27500,	3/4,
222,	Sky Sport Infoc ASTRA 1,	11719,	Horizontal,	27500,	3/4,
223,	Sky Sport 1, ASTRA 1,	12031,	Horizontal,	27500,	3/4,
224,	Sky Sport 2, ASTRA 1,	12031,	Horizontal,	27500,	3/4,
225,	Sky Bundeslig ASTRA 1,	12031,	Horizontal,	27500,	3/4,
226,	Sky Sport Aus ASTRA 1,	12148,	Horizontal,	27500,	3/4,
227,	Sky Select, ASTRA 1,	12031,	Horizontal,	27500,	3/4,
228,	Alpengluehen T ASTRA 1,	12148,	Horizontal,	27500,	3/4,
229,	Blue Movie, ASTRA 1,	12031,	Horizontal,	27500,	3/4,
230,	Beate-Uhse.T ASTRA 1,	11758,	Horizontal,	27500,	3/4,
231,	ERF, ASTRA 1,	12460,	Horizontal,	27500,	3/4,
232,	NED1, ASTRA 1,	12515,	Horizontal,	22000,	5/6,
233,	NED2, ASTRA 1,	12515,	Horizontal,	22000,	5/6,
234,	NED3, ASTRA 1,	12515,	Horizontal,	22000,	5/6,
235,	Nickelodeon/C ASTRA 1,	12515,	Horizontal,	22000,	5/6,
236,	RTL4, ASTRA 1,	12343,	Horizontal,	27500,	3/4,
237,	RTL5, ASTRA 1,	12343,	Horizontal,	27500,	3/4,
238,	RTL7, ASTRA 1,	12343,	Horizontal,	27500,	3/4,
239,	RTL8, ASTRA 1,	12343,	Horizontal,	27500,	3/4,
240,	TV Oranje, ASTRA 1,	12343,	Horizontal,	27500,	3/4,
241,	Discovery, ASTRA 1,	12343,	Horizontal,	27500,	3/4,
242,	Animal Planet ASTRA 1,	12343,	Horizontal,	27500,	3/4,
243,	EUROSPORT ASTRA 1,	12343,	Horizontal,	27500,	3/4,
244,	Test 97, ASTRA 1,	12343,	Horizontal,	27500,	3/4,
245,	Hallmark, ASTRA 1,	12343,	Horizontal,	27500,	3/4,
246,	DORCEL TV, ASTRA 1,	12343,	Horizontal,	27500,	3/4,
247,	Film1.1, ASTRA 1,	12515,	Horizontal,	22000,	5/6,
248,	Sport1, ASTRA 1,	12515,	Horizontal,	22000,	5/6,
249,	Film1.2, ASTRA 1,	12515,	Horizontal,	22000,	5/6,
250,	NGC, ASTRA 1,	12515,	Horizontal,	22000,	5/6,
251,	EPG, ASTRA 1,	12515,	Horizontal,	22000,	5/6,
252,	NET5, ASTRA 1,	12574,	Horizontal,	22000,	5/6,
253,	SBS6, ASTRA 1,	12574,	Horizontal,	22000,	5/6,
254,	TMF, ASTRA 1,	12574,	Horizontal,	22000,	5/6,
255,	Veronica/JETI ASTRA 1,	12574,	Horizontal,	22000,	5/6,
256,	MGM, ASTRA 1,	12574,	Horizontal,	22000,	5/6,
257,	BVN, ASTRA 1,	12574,	Horizontal,	22000,	5/6,
258,	Film1.3, ASTRA 1,	12574,	Horizontal,	22000,	5/6,
259,	Schlager TV, ASTRA 1,	12574,	Horizontal,	22000,	5/6,
260,	Eredivisielive ASTRA 1,	12574,	Horizontal,	22000,	5/6,
261,	Daystar Telev ASTRA 1,	12460,	Horizontal,	27500,	3/4,
262,	., ASTRA 1,	12460,	Horizontal,	27500,	3/4,
263,	., ASTRA 1,	12460,	Horizontal,	27500,	3/4,
264,	., ASTRA 1,	12460,	Horizontal,	27500,	3/4,
265,	., ASTRA 1,	12460,	Horizontal,	27500,	3/4,
266,	3A TV, ASTRA 1,	12460,	Horizontal,	27500,	3/4,
267,	JAMBA! TV, ASTRA 1,	12460,	Horizontal,	27500,	3/4,
268,	., ASTRA 1,	12460,	Horizontal,	27500,	3/4,
269,	., ASTRA 1,	12460,	Horizontal,	27500,	3/4,
270,	Der Schmuckkl ASTRA 1,	12148,	Horizontal,	27500,	3/4,
271,	., ASTRA 1,	12148,	Horizontal,	27500,	3/4,
272,	Channel 21, ASTRA 1,	12148,	Horizontal,	27500,	3/4,
273,	., ASTRA 1,	12148,	Horizontal,	27500,	3/4,
274,	., ASTRA 1,	12148,	Horizontal,	27500,	3/4,
275,	BD 4, ASTRA 1,	12148,	Horizontal,	27500,	3/4,
276,	., ASTRA 1,	12148,	Horizontal,	27500,	3/4,

277,	.,	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
278,	.,	ASTRA 1,	11875,	Horizontal,	27500,	3/4,
279,	.,	ASTRA 1,	11875,	Horizontal,	27500,	3/4,
280,	Big Brother,	ASTRA 1,	11758,	Horizontal,	27500,	3/4,
281,	SpiritON.TV,	ASTRA 1,	12480,	Vertical,	27500,	3/4,
282,	.,	ASTRA 1,	12480,	Vertical,	27500,	3/4,
283,	glück TV,	ASTRA 1,	12480,	Vertical,	27500,	3/4,
284,	equi8,	ASTRA 1,	12480,	Vertical,	27500,	3/4,
285,	REGIO TV,	ASTRA 1,	12480,	Vertical,	27500,	3/4,
286,	SAT.1 Bayern	ASTRA 1,	12544,	Horizontal,	22000,	5/6,
287,	ProSieben Au	ASTRA 1,	12051,	Vertical,	27500,	3/4,
288,	Kabel 1 Schw	ASTRA 1,	12051,	Vertical,	27500,	3/4,
289,	Kabel 1 Austri	ASTRA 1,	12051,	Vertical,	27500,	3/4,
290,	SAT.1 A,	ASTRA 1,	12051,	Vertical,	27500,	3/4,
291,	.,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
292,	entavio Home	ASTRA 1,	12246,	Vertical,	27500,	3/4,
293,	.,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
294,	MehrGeld.TV,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
295,	.,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
296,	.,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
297,	Mallorca.TV,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
298,	.,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
299,	.,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
300,	CANAL+ HD,	ASTRA 1,	11435,	Vertical,	22000,	2/3,
301,	C+ DEPORT	ASTRA 1,	11435,	Vertical,	22000,	2/3,
302,	C+ DCINE HC	ASTRA 1,	11435,	Vertical,	22000,	2/3,
303,	CANAL ALGE	ASTRA 1,	11567,	Vertical,	22000,	5/6,
304,	Al Masriya,	ASTRA 1,	11567,	Vertical,	22000,	5/6,
305,	TAQUILLA 1,	ASTRA 1,	10788,	Vertical,	22000,	Auto,
306,	TAQUILLA 2,	ASTRA 1,	10788,	Vertical,	22000,	Auto,
307,	TAQUILLA 3,	ASTRA 1,	10788,	Vertical,	22000,	Auto,
308,	TAQUILLA 4,	ASTRA 1,	10788,	Vertical,	22000,	Auto,
309,	TELECINCO,	ASTRA 1,	10788,	Vertical,	22000,	Auto,
310,	TAQUILLA X,	ASTRA 1,	10788,	Vertical,	22000,	Auto,
311,	ANIMAX,	ASTRA 1,	10788,	Vertical,	22000,	Auto,
312,	TAQUILLA X\	ASTRA 1,	10788,	Vertical,	22000,	Auto,
313,	CARTOON NI	ASTRA 1,	10788,	Vertical,	22000,	Auto,
314,	TAQUILLA X,	ASTRA 1,	10788,	Vertical,	22000,	Auto,
315,	BOOMERANC	ASTRA 1,	10788,	Vertical,	22000,	Auto,
316,	(UnKnown),	ASTRA 1,	10788,	Vertical,	22000,	Auto,
317,	MULTIPANT.	ASTRA 1,	10788,	Vertical,	22000,	Auto,
318,	MULTIPANT.:	ASTRA 1,	10788,	Vertical,	22000,	Auto,
319,	RAI 1,	ASTRA 1,	11567,	Vertical,	22000,	5/6,
320,	RTPI,	ASTRA 1,	11567,	Vertical,	22000,	5/6,
321,	TV7,	ASTRA 1,	11567,	Vertical,	22000,	5/6,
322,	Al Jazeera,	ASTRA 1,	11567,	Vertical,	22000,	5/6,
323,	ARTE,	ASTRA 1,	11567,	Vertical,	22000,	5/6,
324,	2M Monde,	ASTRA 1,	11567,	Vertical,	22000,	5/6,
325,	TRT Internatic	ASTRA 1,	11567,	Vertical,	22000,	5/6,
326,	MTV ESP,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
327,	MTV,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
328,	MTV Hits,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
329,	MTV Dance,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
330,	VH1,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
331,	VH1 Classic,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
332,	MTV TWO,	ASTRA 1,	11739,	Vertical,	27500,	3/4,

333,	Nick ESP,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
334,	MTV BASE,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
335,	GAME ONE,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
336,	MTV Hits.,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
337,	VH1.,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
338,	VH1 Classic.,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
339,	NICKELODEON	ASTRA 1,	11739,	Vertical,	27500,	3/4,
340,	MTV TWO.,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
341,	MTV ESP,	ASTRA 1,	11739,	Vertical,	27500,	3/4,
342,	Cartoon Netw	ASTRA 1,	11778,	Vertical,	27500,	3/4,
343,	TCM,	ASTRA 1,	11778,	Vertical,	27500,	3/4,
344,	Boomerang,	ASTRA 1,	11778,	Vertical,	27500,	3/4,
345,	MTVNHD,	ASTRA 1,	11778,	Vertical,	27500,	3/4,
346,	MTVNHD,	ASTRA 1,	11778,	Vertical,	27500,	3/4,
347,	TVBS,	ASTRA 1,	11778,	Vertical,	27500,	3/4,
348,	SEASONS,	ASTRA 1,	11817,	Vertical,	27500,	3/4,
349,	C CINEMA EM	ASTRA 1,	11817,	Vertical,	27500,	3/4,
350,	C CINEMA FF	ASTRA 1,	11817,	Vertical,	27500,	3/4,
351,	PARIS PREM	ASTRA 1,	11817,	Vertical,	27500,	3/4,
352,	JIMMY,	ASTRA 1,	11817,	Vertical,	27500,	3/4,
353,	MEZZO,	ASTRA 1,	11817,	Vertical,	27500,	3/4,
354,	LA CHAINE M	ASTRA 1,	11817,	Vertical,	27500,	3/4,
355,	SPORT+,	ASTRA 1,	11817,	Vertical,	27500,	3/4,
356,	I>TELE,	ASTRA 1,	11817,	Vertical,	27500,	3/4,
357,	HISTOIRE,	ASTRA 1,	11817,	Vertical,	27500,	3/4,
358,	MEZZO.,	ASTRA 1,	11817,	Vertical,	27500,	3/4,
359,	NCMESS,	ASTRA 1,	11817,	Vertical,	27500,	3/4,
360,	I>TELE,	ASTRA 1,	11817,	Vertical,	27500,	3/4,
361,	TIMM,	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
362,	Juwelo TV,	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
363,	CINECINEMA	ASTRA 1,	11895,	Vertical,	27500,	3/4,
364,	MCM,	ASTRA 1,	11895,	Vertical,	27500,	3/4,
365,	MCM POP,	ASTRA 1,	11895,	Vertical,	27500,	3/4,
366,	TELEMAISON	ASTRA 1,	11895,	Vertical,	27500,	3/4,
367,	VIRGIN 17,	ASTRA 1,	11895,	Vertical,	27500,	3/4,
368,	FOXLIFE,	ASTRA 1,	11895,	Vertical,	27500,	3/4,
369,	TEST CDN 8,	ASTRA 1,	11895,	Vertical,	27500,	3/4,
370,	(UnKnown),	ASTRA 1,	11895,	Vertical,	27500,	3/4,
371,	(UnKnown),	ASTRA 1,	11895,	Vertical,	27500,	3/4,
372,	MCM TOP,	ASTRA 1,	11895,	Vertical,	27500,	3/4,
373,	TF1,	ASTRA 1,	11895,	Vertical,	27500,	3/4,
374,	M6,	ASTRA 1,	11895,	Vertical,	27500,	3/4,
375,	TF1,	ASTRA 1,	11895,	Vertical,	27500,	3/4,
376,	M6,	ASTRA 1,	11895,	Vertical,	27500,	3/4,
377,	VIRGIN 17,	ASTRA 1,	11895,	Vertical,	27500,	3/4,
378,	EUROSPORT	ASTRA 1,	11934,	Vertical,	27500,	3/4,
379,	TMC,	ASTRA 1,	11934,	Vertical,	27500,	3/4,
380,	PLANETE,	ASTRA 1,	11934,	Vertical,	27500,	3/4,
381,	VOYAGE,	ASTRA 1,	11934,	Vertical,	27500,	3/4,
382,	LCI,	ASTRA 1,	11934,	Vertical,	27500,	3/4,
383,	CANAL J,	ASTRA 1,	11934,	Vertical,	27500,	3/4,
384,	SCI FI,	ASTRA 1,	11934,	Vertical,	27500,	3/4,
385,	CUISINE TV,	ASTRA 1,	11934,	Vertical,	27500,	3/4,
386,	FILLES TV,	ASTRA 1,	11934,	Vertical,	27500,	3/4,
387,	TIJI,	ASTRA 1,	11934,	Vertical,	27500,	3/4,
388,	TMC,	ASTRA 1,	11934,	Vertical,	27500,	3/4,

389,	MTV Music,	ASTRA 1,	11973,	Vertical,	27500,	3/4,
390,	MTV Euro,	ASTRA 1,	11973,	Vertical,	27500,	3/4,
391,	MTV PULSE,	ASTRA 1,	11973,	Vertical,	27500,	3/4,
392,	MTV IDOL,	ASTRA 1,	11973,	Vertical,	27500,	3/4,
393,	MTV NL,	ASTRA 1,	11973,	Vertical,	27500,	3/4,
394,	MTV ENTERTAINMENT,	ASTRA 1,	11973,	Vertical,	27500,	3/4,
395,	NICK PREMIER,	ASTRA 1,	11973,	Vertical,	27500,	3/4,
396,	FRANCE 2,	ASTRA 1,	12012,	Vertical,	27500,	3/4,
397,	FRANCE 3,	ASTRA 1,	12012,	Vertical,	27500,	3/4,
398,	A LA CARTE,	ASTRA 1,	12012,	Vertical,	27500,	3/4,
399,	TRACE TV,	ASTRA 1,	12012,	Vertical,	27500,	3/4,
400,	TELE MELODIE,	ASTRA 1,	12012,	Vertical,	27500,	3/4,
401,	CINE+,	ASTRA 1,	12012,	Vertical,	27500,	3/4,
402,	CINE+,	ASTRA 1,	12012,	Vertical,	27500,	3/4,
403,	A LA CARTE,	ASTRA 1,	12012,	Vertical,	27500,	3/4,
404,	A LA CARTE,	ASTRA 1,	12012,	Vertical,	27500,	3/4,
405,	ESPN CLASSIC,	ASTRA 1,	12012,	Vertical,	27500,	3/4,
406,	MOTORS TV,	ASTRA 1,	12012,	Vertical,	27500,	3/4,
407,	FRANCE 2,	ASTRA 1,	12012,	Vertical,	27500,	3/4,
408,	FRANCE 3,	ASTRA 1,	12012,	Vertical,	27500,	3/4,
409,	(UnKnown),	ASTRA 1,	12129,	Vertical,	27500,	3/4,
410,	A LA CARTE,	ASTRA 1,	12129,	Vertical,	27500,	3/4,
411,	A LA CARTE,	ASTRA 1,	12129,	Vertical,	27500,	3/4,
412,	A LA CARTE,	ASTRA 1,	12129,	Vertical,	27500,	3/4,
413,	A LA CARTE,	ASTRA 1,	12129,	Vertical,	27500,	3/4,
414,	A LA CARTE,	ASTRA 1,	12129,	Vertical,	27500,	3/4,
415,	A LA CARTE,	ASTRA 1,	12129,	Vertical,	27500,	3/4,
416,	A LA CARTE,	ASTRA 1,	12129,	Vertical,	27500,	3/4,
417,	A LA CARTE,	ASTRA 1,	12129,	Vertical,	27500,	3/4,
418,	A LA CARTE,	ASTRA 1,	12129,	Vertical,	27500,	3/4,
419,	A LA CARTE,	ASTRA 1,	12129,	Vertical,	27500,	3/4,
420,	A LA CARTE,	ASTRA 1,	12129,	Vertical,	27500,	3/4,
421,	Sonnenklar TV,	ASTRA 1,	12480,	Vertical,	27500,	3/4,
422,	XXHOME,	ASTRA 1,	12480,	Vertical,	27500,	3/4,
423,	DrDish Television,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
424,	DIE NEUE ZEITUNG,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
425,	WDR Köln,	ASTRA 1,	11836,	Horizontal,	27500,	3/4,
426,	KIOSQUE,	ASTRA 1,	12129,	Vertical,	27500,	3/4,
427,	Channel 21,	ASTRA 1,	12187,	Horizontal,	27500,	3/4,
428,	Super RTL Channel,	ASTRA 1,	12187,	Horizontal,	27500,	3/4,
429,	VOX CH,	ASTRA 1,	12187,	Horizontal,	27500,	3/4,
430,	RTL HB NDS,	ASTRA 1,	12187,	Horizontal,	27500,	3/4,
431,	RTL HH SH,	ASTRA 1,	12187,	Horizontal,	27500,	3/4,
432,	RTL FS,	ASTRA 1,	12187,	Horizontal,	27500,	3/4,
433,	FRANCE 5,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
434,	TV BREIZH,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
435,	PLANETE TERRE,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
436,	PLAYBOY TV,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
437,	FRANCE Ô,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
438,	A LA CARTE,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
439,	OM!TV,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
440,	OLTV,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
441,	FRANCE 5,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
442,	RTL Austria,	ASTRA 1,	12226,	Horizontal,	27500,	3/4,
443,	VOX Austria,	ASTRA 1,	12226,	Horizontal,	27500,	3/4,
444,	RTL2 Austria,	ASTRA 1,	12226,	Horizontal,	27500,	3/4,

445,	Super RTL A, ASTRA 1,	12226,	Horizontal,	27500,	3/4,
446,	AB MOTEUR, ASTRA 1,	12285,	Vertical,	27500,	3/4,
447,	AB1, ASTRA 1,	12285,	Vertical,	27500,	3/4,
448,	ANIMAUX, ASTRA 1,	12285,	Vertical,	27500,	3/4,
449,	ENCYCLOPE ASTRA 1,	12285,	Vertical,	27500,	3/4,
450,	XXL, ASTRA 1,	12285,	Vertical,	27500,	3/4,
451,	ESCALES, ASTRA 1,	12285,	Vertical,	27500,	3/4,
452,	toute L'HISTC ASTRA 1,	12285,	Vertical,	27500,	3/4,
453,	TMC, ASTRA 1,	12285,	Vertical,	27500,	3/4,
454,	NT1, ASTRA 1,	12285,	Vertical,	27500,	3/4,
455,	DORCEL TV, ASTRA 1,	12285,	Vertical,	27500,	3/4,
456,	ACTION, ASTRA 1,	12285,	Vertical,	27500,	3/4,
457,	MANGAS, ASTRA 1,	12285,	Vertical,	27500,	3/4,
458,	CINE POLAR ASTRA 1,	12285,	Vertical,	27500,	3/4,
459,	CINE FX, ASTRA 1,	12285,	Vertical,	27500,	3/4,
460,	RTL9, ASTRA 1,	12285,	Vertical,	27500,	3/4,
461,	CHASSE et P ASTRA 1,	12285,	Vertical,	27500,	3/4,
462,	NT1, ASTRA 1,	12285,	Vertical,	27500,	3/4,
463,	NOVA SPOR ASTRA 1,	12304,	Horizontal,	27500,	3/4,
464,	Animal Planet ASTRA 1,	12304,	Horizontal,	27500,	3/4,
465,	Discovery Ch: ASTRA 1,	12304,	Horizontal,	27500,	3/4,
466,	JimJam, ASTRA 1,	12304,	Horizontal,	27500,	3/4,
467,	Jetix/Jetix Ma: ASTRA 1,	12304,	Horizontal,	27500,	3/4,
468,	National Geoç ASTRA 1,	12304,	Horizontal,	27500,	3/4,
469,	HBO Comedy ASTRA 1,	12304,	Horizontal,	27500,	3/4,
470,	Hallmark, ASTRA 1,	12304,	Horizontal,	27500,	3/4,
471,	Hustler TV, ASTRA 1,	12304,	Horizontal,	27500,	3/4,
472,	Zone Reality, ASTRA 1,	12304,	Horizontal,	27500,	3/4,
473,	Extreme Spor ASTRA 1,	12304,	Horizontal,	27500,	3/4,
474,	UPC_EPG, ASTRA 1,	12304,	Horizontal,	27500,	3/4,
475,	Guide, ASTRA 1,	12304,	Horizontal,	27500,	3/4,
476,	Games Portal ASTRA 1,	12304,	Horizontal,	27500,	3/4,
477,	Game 1, ASTRA 1,	12304,	Horizontal,	27500,	3/4,
478,	Game 2, ASTRA 1,	12304,	Horizontal,	27500,	3/4,
479,	Game 3, ASTRA 1,	12304,	Horizontal,	27500,	3/4,
480,	UPC Direct R: ASTRA 1,	12304,	Horizontal,	27500,	3/4,
481,	(UnKnown), ASTRA 1,	12324,	Vertical,	27500,	3/4,
482,	ONZEO, ASTRA 1,	12324,	Vertical,	27500,	3/4,
483,	YACHT AND ASTRA 1,	12324,	Vertical,	27500,	3/4,
484,	MOSAIQUE, ASTRA 1,	12324,	Vertical,	27500,	3/4,
485,	MMD, ASTRA 1,	12324,	Vertical,	27500,	3/4,
486,	CASH TV, ASTRA 1,	12324,	Vertical,	27500,	3/4,
487,	PRIVATE SPI ASTRA 1,	12324,	Vertical,	27500,	3/4,
488,	(UnKnown), ASTRA 1,	12324,	Vertical,	27500,	3/4,
489,	CDN12, ASTRA 1,	12324,	Vertical,	27500,	3/4,
490,	DISNEY MAG ASTRA 1,	12324,	Vertical,	27500,	3/4,
491,	MOSAIQUE C ASTRA 1,	12324,	Vertical,	27500,	3/4,
492,	MOSAIQUE, ASTRA 1,	12324,	Vertical,	27500,	3/4,
493,	MOSAIQUE C ASTRA 1,	12324,	Vertical,	27500,	3/4,
494,	MOSAIQUE, ASTRA 1,	12324,	Vertical,	27500,	3/4,
495,	(UnKnown), ASTRA 1,	12324,	Vertical,	27500,	3/4,
496,	MOSAIQUE C ASTRA 1,	12324,	Vertical,	27500,	3/4,
497,	MOSAIQUE, ASTRA 1,	12324,	Vertical,	27500,	3/4,
498,	GUIDE TV, ASTRA 1,	12363,	Vertical,	27500,	3/4,
499,	CANAL+ HD, ASTRA 1,	12363,	Vertical,	27500,	3/4,
500,	NATIONAL G ASTRA 1,	12363,	Vertical,	27500,	3/4,

501,	ENREGISTRE	ASTRA 1,	12363,	Vertical,	27500,	3/4,
502,	C+ A LA DEM	ASTRA 1,	12363,	Vertical,	27500,	3/4,
503,	EUROSPORT	ASTRA 1,	12363,	Vertical,	27500,	3/4,
504,	(UnKnown),	ASTRA 1,	12363,	Vertical,	27500,	3/4,
505,	(UnKnown),	ASTRA 1,	12363,	Vertical,	27500,	3/4,
506,	MTV HD,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
507,	ESPACE CLIE	ASTRA 1,	12363,	Vertical,	27500,	3/4,
508,	ARTE HD,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
509,	SCI FI HD,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
510,	TF1 HD,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
511,	M6 HD,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
512,	CINE PREMIE	ASTRA 1,	12363,	Vertical,	27500,	3/4,
513,	13EME RUE I	ASTRA 1,	12363,	Vertical,	27500,	3/4,
514,	CE SOIR,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
515,	(UnKnown),	ASTRA 1,	12363,	Vertical,	27500,	3/4,
516,	(UnKnown),	ASTRA 1,	12363,	Vertical,	27500,	3/4,
517,	CSAT A LA D	ASTRA 1,	12363,	Vertical,	27500,	3/4,
518,	(UnKnown),	ASTRA 1,	12363,	Vertical,	27500,	3/4,
519,	(UnKnown),	ASTRA 1,	12363,	Vertical,	27500,	3/4,
520,	(UnKnown),	ASTRA 1,	12363,	Vertical,	27500,	3/4,
521,	FRANCE 2 HI	ASTRA 1,	12363,	Vertical,	27500,	3/4,
522,	USHUAIA TV	ASTRA 1,	12363,	Vertical,	27500,	3/4,
523,	DOWNLOAD	ASTRA 1,	12363,	Vertical,	27500,	3/4,
524,	DT1,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
525,	DT2,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
526,	DT4,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
527,	DT5,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
528,	DT6,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
529,	DT7,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
530,	DT8,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
531,	DT9,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
532,	DT10,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
533,	DT11,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
534,	DT12,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
535,	DT13,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
536,	DT14,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
537,	DT15,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
538,	DT16,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
539,	DT17,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
540,	DT18,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
541,	DT19,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
542,	DT20,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
543,	DOWNLOAD	ASTRA 1,	12363,	Vertical,	27500,	3/4,
544,	DOWNLOAD	ASTRA 1,	12363,	Vertical,	27500,	3/4,
545,	DOWNLOAD	ASTRA 1,	12363,	Vertical,	27500,	3/4,
546,	DOWNLOAD	ASTRA 1,	12363,	Vertical,	27500,	3/4,
547,	CDN2,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
548,	CDN6,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
549,	CDN7,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
550,	CDN5,	ASTRA 1,	12363,	Vertical,	27500,	3/4,
551,	CT1,	ASTRA 1,	12382,	Horizontal,	27500,	3/4,
552,	CT24,	ASTRA 1,	12382,	Horizontal,	27500,	3/4,
553,	NOVA Cinem	ASTRA 1,	12382,	Horizontal,	27500,	3/4,
554,	CT2,	ASTRA 1,	12382,	Horizontal,	27500,	3/4,
555,	TV Markiza,	ASTRA 1,	12382,	Horizontal,	27500,	3/4,
556,	TV JOJ,	ASTRA 1,	12382,	Horizontal,	27500,	3/4,

557,	TV Nova,	ASTRA 1,	12382,	Horizontal,	27500,	3/4,
558,	XXX Xtreme,	ASTRA 1,	12382,	Horizontal,	27500,	3/4,
559,	Prima TV,	ASTRA 1,	12382,	Horizontal,	27500,	3/4,
560,	TV Barrandov	ASTRA 1,	12382,	Horizontal,	27500,	3/4,
561,	Filmmuzeum,	ASTRA 1,	12382,	Horizontal,	27500,	3/4,
562,	CT4 Sport,	ASTRA 1,	12382,	Horizontal,	27500,	3/4,
563,	Eurosport 2,	ASTRA 1,	12382,	Horizontal,	27500,	3/4,
564,	Eurosport 2 H	ASTRA 1,	12382,	Horizontal,	27500,	3/4,
565,	BR-alpha*,	ASTRA 1,	11836,	Horizontal,	27500,	3/4,
566,	WDR Bielefeld	ASTRA 1,	12421,	Horizontal,	27500,	3/4,
567,	WDR Dortmund	ASTRA 1,	12421,	Horizontal,	27500,	3/4,
568,	WDR Düsseldorf	ASTRA 1,	12421,	Horizontal,	27500,	3/4,
569,	WDR Essen,	ASTRA 1,	12421,	Horizontal,	27500,	3/4,
570,	WDR Münster	ASTRA 1,	12421,	Horizontal,	27500,	3/4,
571,	WDR Siegen,	ASTRA 1,	12421,	Horizontal,	27500,	3/4,
572,	Radio Bremer	ASTRA 1,	12421,	Horizontal,	27500,	3/4,
573,	WDR Test A,	ASTRA 1,	12421,	Horizontal,	27500,	3/4,
574,	EQUIDIA INF	ASTRA 1,	12402,	Vertical,	27500,	3/4,
575,	COMEDIE !,	ASTRA 1,	12402,	Vertical,	27500,	3/4,
576,	13EME RUE,	ASTRA 1,	12402,	Vertical,	27500,	3/4,
577,	REAL TIME,	ASTRA 1,	12402,	Vertical,	27500,	3/4,
578,	DISNEY XD,	ASTRA 1,	12402,	Vertical,	27500,	3/4,
579,	L'EQUIPE TV	ASTRA 1,	12402,	Vertical,	27500,	3/4,
580,	PLANETE NC	ASTRA 1,	12402,	Vertical,	27500,	3/4,
581,	NATIONAL G	ASTRA 1,	12402,	Vertical,	27500,	3/4,
582,	C CINEMA CI	ASTRA 1,	12402,	Vertical,	27500,	3/4,
583,	NRJ 12,	ASTRA 1,	12402,	Vertical,	27500,	3/4,
584,	C CINEMA F/	ASTRA 1,	12402,	Vertical,	27500,	3/4,
585,	NRJ 12,	ASTRA 1,	12402,	Vertical,	27500,	3/4,
586,	RTL Tele Letz	ASTRA 1,	12551,	Vertical,	22000,	5/6,
587,	Astra Vision,	ASTRA 1,	12551,	Vertical,	22000,	5/6,
588,	LibertyTV FR,	ASTRA 1,	12551,	Vertical,	22000,	5/6,
589,	Medi1SAT,	ASTRA 1,	12551,	Vertical,	22000,	5/6,
590,	Chamber TV,	ASTRA 1,	12551,	Vertical,	22000,	5/6,
591,	Bibel TV ALT,	ASTRA 1,	10832,	Horizontal,	22000,	5/6,
592,	France 4,	ASTRA 1,	10832,	Horizontal,	22000,	5/6,
593,	Virgin 17,	ASTRA 1,	10832,	Horizontal,	22000,	5/6,
594,	Gulli,	ASTRA 1,	10832,	Horizontal,	22000,	5/6,
595,	WDR Wupper	ASTRA 1,	12603,	Horizontal,	22000,	5/6,
596,	WDR Bonn,	ASTRA 1,	12603,	Horizontal,	22000,	5/6,
597,	WDR Duisbur	ASTRA 1,	12603,	Horizontal,	22000,	5/6,
598,	IP4_slides,	ASTRA 1,	12603,	Horizontal,	22000,	5/6,
599,	STB Comag,	ASTRA 1,	12603,	Horizontal,	22000,	5/6,
600,	JETIX,	ASTRA 1,	11317,	Vertical,	22000,	5/6,
601,	DISNEY CH.	ASTRA 1,	11317,	Vertical,	22000,	5/6,
602,	PLAYHOUSE	ASTRA 1,	11317,	Vertical,	22000,	5/6,
603,	C+ ACCIÓN,	ASTRA 1,	11317,	Vertical,	22000,	5/6,
604,	C+ COMEDIA	ASTRA 1,	11317,	Vertical,	22000,	5/6,
605,	C+ DCINE,	ASTRA 1,	11317,	Vertical,	22000,	5/6,
606,	NICK +1,	ASTRA 1,	11317,	Vertical,	22000,	5/6,
607,	CARTOON N	ASTRA 1,	11317,	Vertical,	22000,	5/6,
608,	SONY TV,	ASTRA 1,	11317,	Vertical,	22000,	5/6,
609,	C+ ACCIÓN,	ASTRA 1,	11317,	Vertical,	22000,	5/6,
610,	C+ COMEDIA	ASTRA 1,	11317,	Vertical,	22000,	5/6,
611,	C+ DCINE,	ASTRA 1,	11317,	Vertical,	22000,	5/6,
612,	TELEFE INT,	ASTRA 1,	11317,	Vertical,	22000,	5/6,

613,	DECASA,	ASTRA 1,	11317,	Vertical,	22000,	5/6,
614,	M6,	ASTRA 1,	11597,	Vertical,	22000,	5/6,
615,	W9,	ASTRA 1,	11597,	Vertical,	22000,	5/6,
616,	Best of shopp	ASTRA 1,	11597,	Vertical,	22000,	5/6,
617,	CANAL+,	ASTRA 1,	11038,	Vertical,	22000,	5/6,
618,	CULTURAL.E	ASTRA 1,	11038,	Vertical,	22000,	5/6,
619,	DISNEY CH.,	ASTRA 1,	11038,	Vertical,	22000,	5/6,
620,	SPORTMANÍ	ASTRA 1,	11038,	Vertical,	22000,	5/6,
621,	40 TV,	ASTRA 1,	11038,	Vertical,	22000,	5/6,
622,	DISCOVERY,	ASTRA 1,	11038,	Vertical,	22000,	5/6,
623,	TCM MODER	ASTRA 1,	11038,	Vertical,	22000,	5/6,
624,	PAR. COMEC	ASTRA 1,	11038,	Vertical,	22000,	5/6,
625,	CANAL+ 2,	ASTRA 1,	11038,	Vertical,	22000,	5/6,
626,	TELEDEPOR	ASTRA 1,	11038,	Vertical,	22000,	5/6,
627,	VIAJAR,	ASTRA 1,	11156,	Vertical,	22000,	5/6,
628,	FAMA 24H,	ASTRA 1,	11156,	Vertical,	22000,	5/6,
629,	CAZA Y PES	ASTRA 1,	11156,	Vertical,	22000,	5/6,
630,	BIOGRAPHY,	ASTRA 1,	11156,	Vertical,	22000,	5/6,
631,	BABYFIRST,	ASTRA 1,	11156,	Vertical,	22000,	5/6,
632,	BLOOMBERG	ASTRA 1,	11156,	Vertical,	22000,	5/6,
633,	COSMOPOLI	ASTRA 1,	11156,	Vertical,	22000,	5/6,
634,	HISTORIA,	ASTRA 1,	11156,	Vertical,	22000,	5/6,
635,	MÉTEO,	ASTRA 1,	11156,	Vertical,	22000,	5/6,
636,	24 HORAS,	ASTRA 1,	11156,	Vertical,	22000,	5/6,
637,	CANAL ODIS	ASTRA 1,	11156,	Vertical,	22000,	5/6,
638,	Echo TV,	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
639,	HBO2,	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
640,	HBO,	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
641,	HBO,	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
642,	Duna TV,	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
643,	TV Paprika,	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
644,	Magyar ATV,	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
645,	Cool,	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
646,	deko,	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
647,	Sport 1,	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
648,	m2,	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
649,	Minimax / Anii	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
650,	Sport 2,	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
651,	Film+,	ASTRA 1,	11992,	Horizontal,	27500,	3/4,
652,	ORF2 W,	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
653,	ORF2 N,	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
654,	ORF2 B,	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
655,	ORF2 O,	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
656,	ORF2 S,	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
657,	ORF2 T,	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
658,	ORF2 V,	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
659,	ORF2 St,	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
660,	ORF2 K,	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
661,	ORF 1 HD bis	ASTRA 1,	10832,	Horizontal,	22000,	5/6,
662,	HITRADIO OF	ASTRA 1,	12692,	Horizontal,	22000,	5/6,
663,	GULLI,	ASTRA 1,	12640,	Vertical,	22000,	5/6,
664,	TEVA,	ASTRA 1,	12640,	Vertical,	22000,	5/6,
665,	DISNEY CHA	ASTRA 1,	12640,	Vertical,	22000,	5/6,
666,	PLAYHOUSE	ASTRA 1,	12640,	Vertical,	22000,	5/6,
667,	DISNEY CINE	ASTRA 1,	12640,	Vertical,	22000,	5/6,
668,	DISNEY MAG	ASTRA 1,	12640,	Vertical,	22000,	5/6,

669,	E! ENTERTAINMENT	ASTRA 1,	12640,	Vertical,	22000,	5/6,
670,	GULLI,	ASTRA 1,	12640,	Vertical,	22000,	5/6,
671,	TV3CAT,	ASTRA 1,	11685,	Vertical,	22000,	5/6,
672,	ANDALUCÍA	ASTRA 1,	11685,	Vertical,	22000,	5/6,
673,	EUSKADI TV,	ASTRA 1,	11685,	Vertical,	22000,	5/6,
674,	TMADRID SA	ASTRA 1,	11685,	Vertical,	22000,	5/6,
675,	CANAL CLUB	ASTRA 1,	11685,	Vertical,	22000,	5/6,
676,	C. ESTRELLA	ASTRA 1,	11685,	Vertical,	22000,	5/6,
677,	TAQUILLA HI	ASTRA 1,	11685,	Vertical,	22000,	5/6,
678,	C+ DCINE HI	ASTRA 1,	11685,	Vertical,	22000,	5/6,
679,	R. MADRID T	ASTRA 1,	11685,	Vertical,	22000,	5/6,
680,	CNN+,	ASTRA 1,	11685,	Vertical,	22000,	5/6,
681,	PRO TV INT,	ASTRA 1,	11685,	Vertical,	22000,	5/6,
682,	RAD. ROMAN	ASTRA 1,	11685,	Vertical,	22000,	5/6,
683,	CANAL+ HD,	ASTRA 1,	11685,	Vertical,	22000,	5/6,
684,	C+ DEPORT	ASTRA 1,	11685,	Vertical,	22000,	5/6,
685,	TCM CLÁSIC	ASTRA 1,	11685,	Vertical,	22000,	5/6,
686,	TV GALICIA,	ASTRA 1,	11685,	Vertical,	22000,	5/6,
687,	CINE PREMI	ASTRA 1,	12580,	Vertical,	22000,	2/3,
688,	13EME RUE I	ASTRA 1,	12580,	Vertical,	22000,	2/3,
689,	DISNEY MAG	ASTRA 1,	12580,	Vertical,	22000,	2/3,
690,	M6 HD,	ASTRA 1,	12580,	Vertical,	22000,	2/3,
691,	CINE PREMI	ASTRA 1,	12580,	Vertical,	22000,	2/3,
692,	13EME RUE I	ASTRA 1,	12580,	Vertical,	22000,	2/3,
693,	DISNEY MAG	ASTRA 1,	12580,	Vertical,	22000,	2/3,
694,	M6 HD,	ASTRA 1,	12580,	Vertical,	22000,	2/3,
695,	CLÁSICO,	ASTRA 1,	10979,	Vertical,	22000,	5/6,
696,	TNT,	ASTRA 1,	10979,	Vertical,	22000,	5/6,
697,	CLAN TVE,	ASTRA 1,	10979,	Vertical,	22000,	5/6,
698,	LA SEXTA,	ASTRA 1,	10979,	Vertical,	22000,	5/6,
699,	HOLLYWOOD	ASTRA 1,	10979,	Vertical,	22000,	5/6,
700,	LA 2,	ASTRA 1,	10979,	Vertical,	22000,	5/6,
701,	TELENOVEL	ASTRA 1,	10979,	Vertical,	22000,	5/6,
702,	(UnKnown),	ASTRA 1,	10979,	Vertical,	22000,	5/6,
703,	TV CANARIA	ASTRA 1,	10979,	Vertical,	22000,	5/6,
704,	CUATRO,	ASTRA 1,	10979,	Vertical,	22000,	5/6,
705,	CUATRO,	ASTRA 1,	10979,	Vertical,	22000,	5/6,
706,	TNT,	ASTRA 1,	10979,	Vertical,	22000,	5/6,
707,	HOGARUTIL	ASTRA 1,	10979,	Vertical,	22000,	5/6,
708,	EUROSPORT	ASTRA 1,	10979,	Vertical,	22000,	5/6,
709,	40 LATINO,	ASTRA 1,	10876,	Vertical,	22000,	5/6,
710,	GOLF+,	ASTRA 1,	10876,	Vertical,	22000,	5/6,
711,	CANAL+...30	ASTRA 1,	10876,	Vertical,	22000,	5/6,
712,	PLAYBOY TV	ASTRA 1,	10876,	Vertical,	22000,	5/6,
713,	40 LATINO,	ASTRA 1,	10876,	Vertical,	22000,	5/6,
714,	NAT GEOGR	ASTRA 1,	10876,	Vertical,	22000,	5/6,
715,	C+ FÚTBOL,	ASTRA 1,	10876,	Vertical,	22000,	5/6,
716,	C+ DEPORTE	ASTRA 1,	10876,	Vertical,	22000,	5/6,
717,	CALLE 13,	ASTRA 1,	10876,	Vertical,	22000,	5/6,
718,	ANTENA 3,	ASTRA 1,	10876,	Vertical,	22000,	5/6,
719,	FOX NEWS,	ASTRA 1,	10876,	Vertical,	22000,	5/6,
720,	C+ FÚTBOL,	ASTRA 1,	10876,	Vertical,	22000,	5/6,
721,	C+ DEPORTE	ASTRA 1,	10876,	Vertical,	22000,	5/6,
722,	Belsat TV,	ASTRA 1,	10773,	Horizontal,	22000,	5/6,
723,	TV TRWAM,	ASTRA 1,	10773,	Horizontal,	22000,	5/6,
724,	TV Polonia,	ASTRA 1,	10773,	Horizontal,	22000,	5/6,

725,	TVP Historia,	ASTRA 1,	10773,	Horizontal,	22000,	5/6,
726,	TVP Kultura,	ASTRA 1,	10773,	Horizontal,	22000,	5/6,
727,	TVP1,	ASTRA 1,	10773,	Horizontal,	22000,	5/6,
728,	TVP2,	ASTRA 1,	10773,	Horizontal,	22000,	5/6,
729,	TVP INFO,	ASTRA 1,	10773,	Horizontal,	22000,	5/6,
730,	TVP Sport,	ASTRA 1,	10773,	Horizontal,	22000,	5/6,
731,	CANAL+,	ASTRA 1,	11856,	Vertical,	27500,	3/4,
732,	CANAL+ DEC	ASTRA 1,	11856,	Vertical,	27500,	3/4,
733,	CANAL+ CINI	ASTRA 1,	11856,	Vertical,	27500,	3/4,
734,	CANAL+,	ASTRA 1,	11856,	Vertical,	27500,	3/4,
735,	CANAL+ FAV	ASTRA 1,	11856,	Vertical,	27500,	3/4,
736,	C CINEMA P	ASTRA 1,	11856,	Vertical,	27500,	3/4,
737,	DISNEY CHA	ASTRA 1,	11856,	Vertical,	27500,	3/4,
738,	CANAL+ SPC	ASTRA 1,	11856,	Vertical,	27500,	3/4,
739,	EQUIDIA,	ASTRA 1,	11856,	Vertical,	27500,	3/4,
740,	CANAL+,	ASTRA 1,	11856,	Vertical,	27500,	3/4,
741,	CANAL+,	ASTRA 1,	11856,	Vertical,	27500,	3/4,
742,	MULTI-X,	ASTRA 1,	11097,	Vertical,	22000,	5/6,
743,	MULTI-X (2),	ASTRA 1,	11097,	Vertical,	22000,	5/6,
744,	BARÇA TV,	ASTRA 1,	11097,	Vertical,	22000,	5/6,
745,	TAQUILLA 5,	ASTRA 1,	11097,	Vertical,	22000,	5/6,
746,	TAQUILLA 6,	ASTRA 1,	11097,	Vertical,	22000,	5/6,
747,	TAQUILLA 7,	ASTRA 1,	11097,	Vertical,	22000,	5/6,
748,	TAQUILLA X,	ASTRA 1,	11097,	Vertical,	22000,	5/6,
749,	TAQUILLA X)	ASTRA 1,	11097,	Vertical,	22000,	5/6,
750,	TAQ XXHARI	ASTRA 1,	11097,	Vertical,	22000,	5/6,
751,	C+ EVENTOS	ASTRA 1,	11097,	Vertical,	22000,	5/6,
752,	TAQUILLA 9,	ASTRA 1,	11097,	Vertical,	22000,	5/6,
753,	(UnKnown),	ASTRA 1,	11097,	Vertical,	22000,	5/6,
754,	C+ EVENTOS	ASTRA 1,	11097,	Vertical,	22000,	5/6,
755,	TAQUILLA 8,	ASTRA 1,	11097,	Vertical,	22000,	5/6,
756,	EHS,	ASTRA 1,	11097,	Vertical,	22000,	5/6,
757,	MULTI-X (1),	ASTRA 1,	11097,	Vertical,	22000,	5/6,
758,	MULTI-X (3),	ASTRA 1,	11097,	Vertical,	22000,	5/6,
759,	TAQUILLA HI	ASTRA 1,	11097,	Vertical,	22000,	5/6,
760,	SAN FERMÍN	ASTRA 1,	11097,	Vertical,	22000,	5/6,
761,	MULTIPANT.	ASTRA 1,	11097,	Vertical,	22000,	5/6,
762,	MULTIPANT.:	ASTRA 1,	11097,	Vertical,	22000,	5/6,
763,	Demain,	ASTRA 1,	11508,	Vertical,	22000,	5/6,
764,	Popular TV,	ASTRA 1,	11508,	Vertical,	22000,	5/6,
765,	Cubavision In	ASTRA 1,	11508,	Vertical,	22000,	5/6,
766,	RedeRecord,	ASTRA 1,	11508,	Vertical,	22000,	5/6,
767,	Arirang TV,	ASTRA 1,	11508,	Vertical,	22000,	5/6,
768,	Al Jazeera Int	ASTRA 1,	11508,	Vertical,	22000,	5/6,
769,	Extremadura	ASTRA 1,	11508,	Vertical,	22000,	5/6,
770,	BFM TV,	ASTRA 1,	11508,	Vertical,	22000,	5/6,
771,	RADIOS,	ASTRA 1,	10847,	Vertical,	22000,	5/6,
772,	GUÍA DIGITA	ASTRA 1,	10847,	Vertical,	22000,	5/6,
773,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
774,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
775,	RAD. LATINA	ASTRA 1,	10847,	Vertical,	22000,	5/6,
776,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
777,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
778,	TAQUILLA,	ASTRA 1,	10847,	Vertical,	22000,	5/6,
779,	GUÍA DIGITA	ASTRA 1,	10847,	Vertical,	22000,	5/6,
780,	TAQUILLA,	ASTRA 1,	10847,	Vertical,	22000,	5/6,

781,	DIRECT 8,	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
782,	Direct 8,	ASTRA 1,	11538,	Vertical,	22000,	5/6,
783,	PORTADA,	ASTRA 1,	10847,	Vertical,	22000,	5/6,
784,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
785,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
786,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
787,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
788,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
789,	RAD. LATINA	ASTRA 1,	10847,	Vertical,	22000,	5/6,
790,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
791,	TEST TÉCNIC	ASTRA 1,	10847,	Vertical,	22000,	5/6,
792,	TEST_CSD1,	ASTRA 1,	10847,	Vertical,	22000,	5/6,
793,	TEST_CSD2,	ASTRA 1,	10847,	Vertical,	22000,	5/6,
794,	TEST_CSD3,	ASTRA 1,	10847,	Vertical,	22000,	5/6,
795,	TEST_CSD4,	ASTRA 1,	10847,	Vertical,	22000,	5/6,
796,	TEST_CSD5,	ASTRA 1,	10847,	Vertical,	22000,	5/6,
797,	TEST_CSD6,	ASTRA 1,	10847,	Vertical,	22000,	5/6,
798,	TEST_CSD7,	ASTRA 1,	10847,	Vertical,	22000,	5/6,
799,	TEST_CSD8,	ASTRA 1,	10847,	Vertical,	22000,	5/6,
800,	TEST_CSD9,	ASTRA 1,	10847,	Vertical,	22000,	5/6,
801,	TEST_CSD10,	ASTRA 1,	10847,	Vertical,	22000,	5/6,
802,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
803,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
804,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
805,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
806,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
807,	(UnKnown),	ASTRA 1,	10847,	Vertical,	22000,	5/6,
808,	C+ ACCIÓN..	ASTRA 1,	10817,	Vertical,	22000,	5/6,
809,	C+ COMEDIA	ASTRA 1,	10817,	Vertical,	22000,	5/6,
810,	DCINE ESPA	ASTRA 1,	10817,	Vertical,	22000,	5/6,
811,	CANAL COCI	ASTRA 1,	10817,	Vertical,	22000,	5/6,
812,	TVV INT.,	ASTRA 1,	10817,	Vertical,	22000,	5/6,
813,	FOX,	ASTRA 1,	10817,	Vertical,	22000,	5/6,
814,	AXN,	ASTRA 1,	10817,	Vertical,	22000,	5/6,
815,	SCI FI,	ASTRA 1,	10817,	Vertical,	22000,	5/6,
816,	ECUAVISA IN	ASTRA 1,	10817,	Vertical,	22000,	5/6,
817,	CARACOL TV	ASTRA 1,	10817,	Vertical,	22000,	5/6,
818,	ALL FUN TV,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
819,	LT1-OOE,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
820,	ESPN Americ	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
821,	Visit-X.TV,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
822,	Spass im TV,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
823,	ESPN Americ	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
824,	NM-TV,	ASTRA 1,	12662,	Horizontal,	22000,	5/6,
825,	Cartoon Netw	ASTRA 1,	10920,	Horizontal,	22000,	5/6,
826,	Viasat 3,	ASTRA 1,	10920,	Horizontal,	22000,	5/6,
827,	Boomerang,	ASTRA 1,	10920,	Horizontal,	22000,	5/6,
828,	Viasat Explor	ASTRA 1,	10920,	Horizontal,	22000,	5/6,
829,	Viasat History	ASTRA 1,	10920,	Horizontal,	22000,	5/6,
830,	STV1,	ASTRA 1,	10920,	Horizontal,	22000,	5/6,
831,	TA3,	ASTRA 1,	10920,	Horizontal,	22000,	5/6,
832,	Travel,	ASTRA 1,	10920,	Horizontal,	22000,	5/6,
833,	MGM,	ASTRA 1,	10920,	Horizontal,	22000,	5/6,
834,	bebe tv,	ASTRA 1,	10920,	Horizontal,	22000,	5/6,
835,	AXN,	ASTRA 1,	10920,	Horizontal,	22000,	5/6,
836,	Blue Hustler,	ASTRA 1,	10920,	Horizontal,	22000,	5/6,

837,	CANAL EVEN	ASTRA 1,	11479,	Vertical,	22000,	5/6,
838,	LCP,	ASTRA 1,	11479,	Vertical,	22000,	5/6,
839,	TELEREALITI	ASTRA 1,	11479,	Vertical,	22000,	5/6,
840,	BABY FIRST,	ASTRA 1,	11479,	Vertical,	22000,	5/6,
841,	(UnKnown),	ASTRA 1,	11479,	Vertical,	22000,	5/6,
842,	NRJ HITS,	ASTRA 1,	11479,	Vertical,	22000,	5/6,
843,	GIRONDINS	ASTRA 1,	11479,	Vertical,	22000,	5/6,
844,	LCP,	ASTRA 1,	11479,	Vertical,	22000,	5/6,
845,	PLAYIN'Tvi,	ASTRA 1,	11479,	Vertical,	22000,	5/6,
846,	HirTV,	ASTRA 1,	11670,	Horizontal,	22000,	5/6,
847,	m1 ,	ASTRA 1,	11670,	Horizontal,	22000,	5/6,
848,	MTV Hungary	ASTRA 1,	11670,	Horizontal,	22000,	5/6,
849,	Cinemax,	ASTRA 1,	11670,	Horizontal,	22000,	5/6,
850,	Budapest TV,	ASTRA 1,	11670,	Horizontal,	22000,	5/6,
851,	RTL Klub,	ASTRA 1,	11670,	Horizontal,	22000,	5/6,
852,	Spektrum,	ASTRA 1,	11670,	Horizontal,	22000,	5/6,
853,	Sport Klub,	ASTRA 1,	11670,	Horizontal,	22000,	5/6,
854,	Film+ ,	ASTRA 1,	11670,	Horizontal,	22000,	5/6,
855,	TV2 ,	ASTRA 1,	11670,	Horizontal,	22000,	5/6,
856,	Sport 1 CZE ,	ASTRA 1,	11670,	Horizontal,	22000,	5/6,
857,	Viva TV,	ASTRA 1,	11670,	Horizontal,	22000,	5/6,
858,	CANAL+ HD,	ASTRA 1,	12522,	Vertical,	22000,	2/3,
859,	NATIONAL G	ASTRA 1,	12522,	Vertical,	22000,	2/3,
860,	FRANCE 2 HI	ASTRA 1,	12522,	Vertical,	22000,	2/3,
861,	TF1 HD,	ASTRA 1,	12522,	Vertical,	22000,	2/3,
862,	CANAL HD TI	ASTRA 1,	12522,	Vertical,	22000,	2/3,
863,	CANAL+ HD,	ASTRA 1,	12522,	Vertical,	22000,	2/3,
864,	NATIONAL G	ASTRA 1,	12522,	Vertical,	22000,	2/3,
865,	FRANCE 2 HI	ASTRA 1,	12522,	Vertical,	22000,	2/3,
866,	TF1 HD,	ASTRA 1,	12522,	Vertical,	22000,	2/3,
867,	CANAL+ HD,	ASTRA 1,	12522,	Vertical,	22000,	2/3,
868,	KTO,	ASTRA 1,	11538,	Vertical,	22000,	5/6,
869,	Russia Today	ASTRA 1,	11538,	Vertical,	22000,	5/6,
870,	France 24 (in	ASTRA 1,	11538,	Vertical,	22000,	5/6,
871,	EWTN Europε	ASTRA 1,	11538,	Vertical,	22000,	5/6,
872,	Medi1 Sat,	ASTRA 1,	11538,	Vertical,	22000,	5/6,
873,	Aragon TV,	ASTRA 1,	11538,	Vertical,	22000,	5/6,
874,	Telesur,	ASTRA 1,	11538,	Vertical,	22000,	5/6,
875,	CCTV 9,	ASTRA 1,	11538,	Vertical,	22000,	5/6,
876,	HISTORY,	ASTRA 1,	12441,	Vertical,	27500,	3/4,
877,	National Geoç	ASTRA 1,	12441,	Vertical,	27500,	3/4,
878,	Kinowelt,	ASTRA 1,	12441,	Vertical,	27500,	3/4,
879,	FOX,	ASTRA 1,	12441,	Vertical,	27500,	3/4,
880,	Playboy TV (ε	ASTRA 1,	12441,	Vertical,	27500,	3/4,
881,	arenaSAT Ho	ASTRA 1,	12441,	Vertical,	27500,	3/4,
882,	Auto Motor Sç	ASTRA 1,	12441,	Vertical,	27500,	3/4,
883,	TPS STAR,	ASTRA 1,	12090,	Vertical,	27500,	3/4,
884,	SERIE CLUB,	ASTRA 1,	12090,	Vertical,	27500,	3/4,
885,	W9,	ASTRA 1,	12090,	Vertical,	27500,	3/4,
886,	INFOSPORT,	ASTRA 1,	12090,	Vertical,	27500,	3/4,
887,	C CINEMA S1	ASTRA 1,	12090,	Vertical,	27500,	3/4,
888,	TELETOON,	ASTRA 1,	12090,	Vertical,	27500,	3/4,
889,	M6 MUSIC HI	ASTRA 1,	12090,	Vertical,	27500,	3/4,
890,	DISCOVERY,	ASTRA 1,	12090,	Vertical,	27500,	3/4,
891,	PINK TV/PINİ	ASTRA 1,	12090,	Vertical,	27500,	3/4,
892,	TELETOON+	ASTRA 1,	12090,	Vertical,	27500,	3/4,

893,	W9,	ASTRA 1,	12090,	Vertical,	27500,	3/4,
894,	TF6,	ASTRA 1,	12168,	Vertical,	27500,	3/4,
895,	USHUAIA TV,	ASTRA 1,	12168,	Vertical,	27500,	3/4,
896,	EUROSPORT	ASTRA 1,	12168,	Vertical,	27500,	3/4,
897,	A LA DEMAN	ASTRA 1,	12168,	Vertical,	27500,	3/4,
898,	C CINEMA 1€	ASTRA 1,	12168,	Vertical,	27500,	3/4,
899,	NAT GEO WII	ASTRA 1,	12168,	Vertical,	27500,	3/4,
900,	PIWI,	ASTRA 1,	12168,	Vertical,	27500,	3/4,
901,	EXTREME SF	ASTRA 1,	12168,	Vertical,	27500,	3/4,
902,	FRANCE 4,	ASTRA 1,	12168,	Vertical,	27500,	3/4,
903,	TELETOON #	ASTRA 1,	12168,	Vertical,	27500,	3/4,
904,	FRANCE 4,	ASTRA 1,	12168,	Vertical,	27500,	3/4,
905,	ARD-TEST-1,	ASTRA 1,	12109,	Horizontal,	27500,	3/4,
906,	NDR FS MV,	ASTRA 1,	12109,	Horizontal,	27500,	3/4,
907,	NDR FS NDS	ASTRA 1,	12109,	Horizontal,	27500,	3/4,
908,	NDR FS SH,	ASTRA 1,	12109,	Horizontal,	27500,	3/4,
909,	MDR S-Anhal	ASTRA 1,	12109,	Horizontal,	27500,	3/4,
910,	MDR Thüring	ASTRA 1,	12109,	Horizontal,	27500,	3/4,
911,	MA CHAINE €	ASTRA 1,	12610,	Vertical,	22000,	5/6,
912,	M6 MUSIC BI	ASTRA 1,	12610,	Vertical,	22000,	5/6,
913,	M6 MUSIC CI	ASTRA 1,	12610,	Vertical,	22000,	5/6,
914,	VIVOLTA,	ASTRA 1,	12610,	Vertical,	22000,	5/6,
915,	ODYSSEE,	ASTRA 1,	12610,	Vertical,	22000,	5/6,
916,	PLANETE JU	ASTRA 1,	12610,	Vertical,	22000,	5/6,
917,	(UnKnown),	ASTRA 1,	12610,	Vertical,	22000,	5/6,
918,	SDTV,	ASTRA 1,	12610,	Vertical,	22000,	5/6,
919,	FR3 AMIENS,	ASTRA 1,	12699,	Vertical,	22000,	5/6,
920,	FR3 BESANC	ASTRA 1,	12699,	Vertical,	22000,	5/6,
921,	FR3 BORDE#	ASTRA 1,	12699,	Vertical,	22000,	5/6,
922,	FR3 NANCY,	ASTRA 1,	12699,	Vertical,	22000,	5/6,
923,	FR3 CLERM€	ASTRA 1,	12699,	Vertical,	22000,	5/6,
924,	FR3 PARIS,	ASTRA 1,	12699,	Vertical,	22000,	5/6,
925,	FR3 RENNES	ASTRA 1,	12699,	Vertical,	22000,	5/6,
926,	FR3 ROUEN,	ASTRA 1,	12699,	Vertical,	22000,	5/6,
927,	FR3 LIMOGE	ASTRA 1,	12699,	Vertical,	22000,	5/6,
928,	FR3 LYON,	ASTRA 1,	12699,	Vertical,	22000,	5/6,
929,	FR3 MARSEII	ASTRA 1,	12699,	Vertical,	22000,	5/6,
930,	FR3 TOULOL	ASTRA 1,	12699,	Vertical,	22000,	5/6,
931,	FR3 CAEN,	ASTRA 1,	12728,	Vertical,	22000,	5/6,
932,	FR3 NANTES	ASTRA 1,	12728,	Vertical,	22000,	5/6,
933,	FR3 NICE,	ASTRA 1,	12728,	Vertical,	22000,	5/6,
934,	FR3 ORLEAN	ASTRA 1,	12728,	Vertical,	22000,	5/6,
935,	FR3 DIJON,	ASTRA 1,	12728,	Vertical,	22000,	5/6,
936,	FR3 POITIER	ASTRA 1,	12728,	Vertical,	22000,	5/6,
937,	FR3 REIMS,	ASTRA 1,	12728,	Vertical,	22000,	5/6,
938,	FR3 GRENO€	ASTRA 1,	12728,	Vertical,	22000,	5/6,
939,	FR3 LILLE,	ASTRA 1,	12728,	Vertical,	22000,	5/6,
940,	FR3 STRASB	ASTRA 1,	12728,	Vertical,	22000,	5/6,
941,	FR3 MONTPE	ASTRA 1,	12728,	Vertical,	22000,	5/6,
942,	FR3 VIA STEI	ASTRA 1,	12728,	Vertical,	22000,	5/6,
943,	Test-R,	ASTRA 1,	10743,	Horizontal,	22000,	5/6,
944,	een,	ASTRA 1,	12721,	Horizontal,	22000,	5/6,
945,	Ketnet/Canva	ASTRA 1,	12721,	Horizontal,	22000,	5/6,
946,	VTM,	ASTRA 1,	12721,	Horizontal,	22000,	5/6,
947,	2BE,	ASTRA 1,	12721,	Horizontal,	22000,	5/6,
948,	VT4,	ASTRA 1,	12721,	Horizontal,	22000,	5/6,

949,	Vitaya,	ASTRA 1,	12721,	Horizontal,	22000,	5/6,
950,	JIM,	ASTRA 1,	12721,	Horizontal,	22000,	5/6,
951,	KANAAL Z,	ASTRA 1,	12721,	Horizontal,	22000,	5/6,
952,	VIJFtv,	ASTRA 1,	12721,	Horizontal,	22000,	5/6,
953,	Man-X,	ASTRA 1,	12721,	Horizontal,	22000,	5/6,
954,	HD-Test ARD	ASTRA 1,	11361,	Horizontal,	22000,	2/3,
955,	Orange Sport.	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
956,	Orange cinem	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
957,	Orange cine h	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
958,	Orange cine c	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
959,	Orange cine n	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
960,	Orange cine ç	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
961,	TF1,	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
962,	Orange SPOF	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
963,	France2,	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
964,	France O,	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
965,	NRJ 12,	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
966,	France 3 natic	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
967,	France 5,	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
968,	Telefestival,	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
969,	LCP_PS,	ASTRA 1,	11170,	Horizontal,	22000,	2/3,
970,	USHUAIA TV	ASTRA 1,	12669,	Vertical,	22000,	2/3,
971,	SCI FI HD,	ASTRA 1,	12669,	Vertical,	22000,	2/3,
972,	EUROSPORT	ASTRA 1,	12669,	Vertical,	22000,	2/3,
973,	ARTE HD,	ASTRA 1,	12669,	Vertical,	22000,	2/3,
974,	USHUAIA TV	ASTRA 1,	12669,	Vertical,	22000,	2/3,
975,	SCI FI HD,	ASTRA 1,	12669,	Vertical,	22000,	2/3,
976,	EUROSPORT	ASTRA 1,	12669,	Vertical,	22000,	2/3,
977,	ARTE HD,	ASTRA 1,	12669,	Vertical,	22000,	2/3,
978,	Movies24,	HOTBIRD,	10719,	Vertical,	27500,	Auto,
979,	4fun.TV,	HOTBIRD,	10719,	Vertical,	27500,	Auto,
980,	Orange Sport.	HOTBIRD,	10719,	Vertical,	27500,	Auto,
981,	PLANETE,	HOTBIRD,	10719,	Vertical,	27500,	Auto,
982,	MINIMINI,	HOTBIRD,	10719,	Vertical,	27500,	Auto,
983,	PATIO TV,	HOTBIRD,	10719,	Vertical,	27500,	Auto,
984,	INFO+/C+ Sp	HOTBIRD,	10719,	Vertical,	27500,	Auto,
985,	HBO,	HOTBIRD,	10719,	Vertical,	27500,	Auto,
986,	HALLMARK,	HOTBIRD,	10719,	Vertical,	27500,	Auto,
987,	HBO2,	HOTBIRD,	10719,	Vertical,	27500,	Auto,
988,	HBO COMED	HOTBIRD,	10719,	Vertical,	27500,	Auto,
989,	ESP,	HOTBIRD,	10719,	Vertical,	27500,	Auto,
990,	DTV CABLE F	HOTBIRD,	10719,	Vertical,	27500,	Auto,
991,	DTV CABLE M	HOTBIRD,	10719,	Vertical,	27500,	Auto,
992,	ANT1 EUROF	HOTBIRD,	10723,	Horizontal,	29900,	Auto,
993,	RTPi,	HOTBIRD,	10723,	Horizontal,	29900,	Auto,
994,	MTA INTL,	HOTBIRD,	10723,	Horizontal,	29900,	Auto,
995,	10.722 H,	HOTBIRD,	10723,	Horizontal,	29900,	Auto,
996,	Deepam TV,	HOTBIRD,	10723,	Horizontal,	29900,	Auto,
997,	Thendral,	HOTBIRD,	10723,	Horizontal,	29900,	Auto,
998,	Lady Channel	HOTBIRD,	10723,	Horizontal,	29900,	Auto,
999,	RTB,	HOTBIRD,	10723,	Horizontal,	29900,	Auto,
1000,	Ariana Afghar	HOTBIRD,	10723,	Horizontal,	29900,	Auto,
1001,	Andisheh,	HOTBIRD,	10723,	Horizontal,	29900,	Auto,
1002,	AFN Sports,	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1003,	AFN Atlantic,	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1004,	AFN Spectrun	HOTBIRD,	10775,	Horizontal,	28000,	Auto,

1005,	AFN Pacific,	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1006,	AFN Program	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1007,	Franconia,	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1008,	Hessen,	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1009,	Benelux,	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1010,	Guide/Countr	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1011,	Eifel,	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1012,	Guide/NPR,	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1013,	UK,	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1014,	Guide/The To	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1015,	Guide/Pure G	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1016,	Guide/Hot AC	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1017,	Guide/Z-rock	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1018,	Guide/Fox Sp	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1019,	Guide/ESPN I	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1020,	Guide/AFNE I	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1021,	Guide/Continc	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1022,	Guide/AFNE I	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1023,	Guide/AFN N	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1024,	AFN Iraq Rad	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1025,	Bars and Test	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1026,	Heidelberg,	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1027,	Bavaria,	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1028,	Kaiserslauterr	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1029,	Guide/AFN H	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1030,	Guide/AFN B	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1031,	Guide/AFN B	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1032,	Guide/AFN Fr	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1033,	Guide/AFN Fr	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1034,	Guide/AFN H	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1035,	Guide/AFN H	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1036,	Guide/AFN H	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1037,	Guide/AFN K	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1038,	Guide/AFN K	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1039,	Guide/Bright /	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1040,	Guide/Adult R	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1041,	Guide/AFN B	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1042,	Guide/AFN B	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
1043,	News/BrightA	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1044,	AFN Xtra/Tim	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1045,	Pentagon Ch	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1046,	AFN Family C	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1047,	AFN Movie CI	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1048,	Aviano,	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1049,	Vicenza,	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1050,	AFN Rota,	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1051,	Naples,	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1052,	Sigonella,	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1053,	AFN Freedom	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1054,	The Eagle - \	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1055,	Power 107 Vi	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1056,	AFN Vicenza	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1057,	AFN Rota Ea	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1058,	AFN Rota Po	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1059,	The Eagle - N	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1060,	Power - Naple	HOTBIRD,	11095,	Horizontal,	28000,	3/4,

1061,	The Eagle - S	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1062,	Power - Sigon	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1063,	The Eagle - Li	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1064,	Power - Livorr	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1065,	AFN Freedom	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1066,	The Eagle-Vic	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1067,	Power-Vicenz	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1068,	The Eagle So	HOTBIRD,	11095,	Horizontal,	28000,	3/4,
1069,	NATIONAL G	HOTBIRD,	10796,	Vertical,	27500,	Auto,
1070,	EDUSAT,	HOTBIRD,	10796,	Vertical,	27500,	Auto,
1071,	TELE5,	HOTBIRD,	10796,	Vertical,	27500,	Auto,
1072,	POLONIA1,	HOTBIRD,	10796,	Vertical,	27500,	Auto,
1073,	D. SCIENCE,	HOTBIRD,	10796,	Vertical,	27500,	Auto,
1074,	D. TRAVEL,	HOTBIRD,	10796,	Vertical,	27500,	Auto,
1075,	D. WORLD,	HOTBIRD,	10796,	Vertical,	27500,	Auto,
1076,	TEST,	HOTBIRD,	10796,	Vertical,	27500,	Auto,
1077,	MTV TWO,	HOTBIRD,	10796,	Vertical,	27500,	Auto,
1078,	Supreme Mas	HOTBIRD,	10853,	Horizontal,	27500,	Auto,
1079,	eurotic TV,	HOTBIRD,	10853,	Horizontal,	27500,	Auto,
1080,	FRENCH LO\	HOTBIRD,	10853,	Horizontal,	27500,	Auto,
1081,	Suryoyo SAT,	HOTBIRD,	10853,	Horizontal,	27500,	Auto,
1082,	X DREAM TV	HOTBIRD,	10853,	Horizontal,	27500,	Auto,
1083,	DM Digital,	HOTBIRD,	10853,	Horizontal,	27500,	Auto,
1084,	Physique TV,	HOTBIRD,	10853,	Horizontal,	27500,	Auto,
1085,	IRAN-MNTV,	HOTBIRD,	10853,	Horizontal,	27500,	Auto,
1086,	IRAN-FMTV,	HOTBIRD,	10853,	Horizontal,	27500,	Auto,
1087,	IRAN - TV MA	HOTBIRD,	10853,	Horizontal,	27500,	Auto,
1088,	JAY JAY TV,	HOTBIRD,	10853,	Horizontal,	27500,	Auto,
1089,	AL MAGHRIB	HOTBIRD,	10873,	Vertical,	27500,	Auto,
1090,	AIAoula INTE	HOTBIRD,	10873,	Vertical,	27500,	Auto,
1091,	AL Aoula,	HOTBIRD,	10873,	Vertical,	27500,	Auto,
1092,	ARRABIAA,	HOTBIRD,	10873,	Vertical,	27500,	Auto,
1093,	AL Aoula INTI	HOTBIRD,	10873,	Vertical,	27500,	Auto,
1094,	ASSADISSA,	HOTBIRD,	10873,	Vertical,	27500,	Auto,
1095,	Medi1SAT,	HOTBIRD,	10873,	Vertical,	27500,	Auto,
1096,	ARRIADIA,	HOTBIRD,	10873,	Vertical,	27500,	Auto,
1097,	Arriadia 2,	HOTBIRD,	10873,	Vertical,	27500,	Auto,
1098,	CANAL+,	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1099,	CANAL+ FILM	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1100,	KUCHNIA.TV	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1101,	ALE KINO!	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1102,	ZigZap,	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1103,	TVP 1,	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1104,	TVP 2,	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1105,	CANAL+ SPC	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1106,	DOMO,	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1107,	H test 1,	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1108,	H test 2,	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1109,	H test 3,	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1110,	DTV CABLE,	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1111,	DTV CABLE 2	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1112,	DTV CABLE 3	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1113,	DTV CABLE 4	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1114,	DTV CABLE 5	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1115,	DTV CABLE 6	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
1116,	DTV CABLE 7	HOTBIRD,	10892,	Horizontal,	27500,	Auto,

1117,	ITN,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1118,	PDF Channel,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1119,	KICC TV,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1120,	3ABN Internat	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1121,	Asianet,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1122,	VTV4,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1123,	CNL,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1124,	Rojhelat,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1125,	Thai Global N	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1126,	Arirang TV,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1127,	KURDsats,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1128,	BVN,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1129,	FREE-XTV 2,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1130,	Free-X TV,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1131,	IPN TV,	HOTBIRD,	12207,	Horizontal,	27500,	3/4,
1132,	CGN,	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1133,	Rete 0,	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1134,	Sri Lanka One	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1135,	Rusiya Al-Yau	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1136,	Gali Kurdistan	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1137,	S24,	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1138,	SARAFAN,	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1139,	AL FAYHAA,	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1140,	3CHANNEL,	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1141,	RU TV,	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1142,	VideoBergam	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1143,	TBM,	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1144,	Angel TV,	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1145,	RVS Italy,	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1146,	Hope channel	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1147,	Didar Global	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1148,	AIT,	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1149,	RTG TV,	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1150,	MTA Internati	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1151,	Pro TV Intern	HOTBIRD,	11013,	Horizontal,	27500,	3/4,
1152,	YOUDEM,	HOTBIRD,	11541,	Vertical,	22000,	5/6,
1153,	TeleTirreno,	HOTBIRD,	11541,	Vertical,	22000,	5/6,
1154,	THOU TV,	HOTBIRD,	11541,	Vertical,	22000,	5/6,
1155,	Health&Beaut	HOTBIRD,	11541,	Vertical,	22000,	5/6,
1156,	TIVUTIVU,	HOTBIRD,	11541,	Vertical,	22000,	5/6,
1157,	Italia 8,	HOTBIRD,	11541,	Vertical,	22000,	5/6,
1158,	Telelombardi	HOTBIRD,	11541,	Vertical,	22000,	5/6,
1159,	Zone Romant	HOTBIRD,	12188,	Vertical,	27500,	3/4,
1160,	AXN Crime,	HOTBIRD,	12188,	Vertical,	27500,	3/4,
1161,	AXN Sci-Fi,	HOTBIRD,	12188,	Vertical,	27500,	3/4,
1162,	Extreme Spor	HOTBIRD,	12188,	Vertical,	27500,	3/4,
1163,	Discovery,	HOTBIRD,	12188,	Vertical,	27500,	3/4,
1164,	AXN,	HOTBIRD,	12188,	Vertical,	27500,	3/4,
1165,	ESPN,	HOTBIRD,	12188,	Vertical,	27500,	3/4,
1166,	Jetix,	HOTBIRD,	12188,	Vertical,	27500,	3/4,
1167,	Cinemax2,	HOTBIRD,	12188,	Vertical,	27500,	3/4,
1168,	TVP1,	HOTBIRD,	12188,	Vertical,	27500,	3/4,
1169,	TVP2,	HOTBIRD,	12188,	Vertical,	27500,	3/4,
1170,	FoxLife,	HOTBIRD,	12188,	Vertical,	27500,	3/4,
1171,	Polsat,	HOTBIRD,	11159,	Vertical,	27500,	3/4,
1172,	Polsat Play,	HOTBIRD,	11159,	Vertical,	27500,	3/4,

1173,	TV4,	HOTBIRD,	11159,	Vertical,	27500,	3/4,
1174,	Polsat Sport,	HOTBIRD,	11159,	Vertical,	27500,	3/4,
1175,	Polsat Sport E	HOTBIRD,	11159,	Vertical,	27500,	3/4,
1176,	Polsat Cafe,	HOTBIRD,	11159,	Vertical,	27500,	3/4,
1177,	TV Biznes,	HOTBIRD,	11159,	Vertical,	27500,	3/4,
1178,	Superstacja,	HOTBIRD,	11159,	Vertical,	27500,	3/4,
1179,	Polsat News,	HOTBIRD,	11159,	Vertical,	27500,	3/4,
1180,	Polsat2,	HOTBIRD,	11159,	Vertical,	27500,	3/4,
1181,	SHARJAH TV	HOTBIRD,	12654,	Horizontal,	27500,	3/4,
1182,	QATAR TV,	HOTBIRD,	12654,	Horizontal,	27500,	3/4,
1183,	SAUDI 1,	HOTBIRD,	12654,	Horizontal,	27500,	3/4,
1184,	KUWAIT,	HOTBIRD,	12654,	Horizontal,	27500,	3/4,
1185,	LIBYA,	HOTBIRD,	12654,	Horizontal,	27500,	3/4,
1186,	SUDAN ,	HOTBIRD,	12654,	Horizontal,	27500,	3/4,
1187,	OMAN,	HOTBIRD,	12654,	Horizontal,	27500,	3/4,
1188,	ESC ,	HOTBIRD,	12654,	Horizontal,	27500,	3/4,
1189,	AL IRAQIA TV	HOTBIRD,	12654,	Horizontal,	27500,	3/4,
1190,	JORDAN,	HOTBIRD,	12654,	Horizontal,	27500,	3/4,
1191,	ALMUSTAKIL	HOTBIRD,	12654,	Horizontal,	27500,	3/4,
1192,	LIVE TV,	HOTBIRD,	12654,	Horizontal,	27500,	3/4,
1193,	Prima Fila 39,	HOTBIRD,	12713,	Vertical,	27500,	3/4,
1194,	Eurosport,	HOTBIRD,	12713,	Vertical,	27500,	3/4,
1195,	Prima Fila 36,	HOTBIRD,	12713,	Vertical,	27500,	3/4,
1196,	Prima Fila 37,	HOTBIRD,	12713,	Vertical,	27500,	3/4,
1197,	Prima Fila 38,	HOTBIRD,	12713,	Vertical,	27500,	3/4,
1198,	Prima Fila 40,	HOTBIRD,	12713,	Vertical,	27500,	3/4,
1199,	Playjam,	HOTBIRD,	12713,	Vertical,	27500,	3/4,
1200,	Prima Fila 40,	HOTBIRD,	12713,	Vertical,	27500,	3/4,
1201,	EurosportNew	HOTBIRD,	12713,	Vertical,	27500,	3/4,
1202,	Eurosport 2,	HOTBIRD,	12713,	Vertical,	27500,	3/4,
1203,	Prima Fila 19,	HOTBIRD,	12713,	Vertical,	27500,	3/4,
1204,	SKY Play IT,	HOTBIRD,	12713,	Vertical,	27500,	3/4,
1205,	MTVNHD,	HOTBIRD,	11075,	Vertical,	27500,	3/4,
1206,	MTV Polska,	HOTBIRD,	11075,	Vertical,	27500,	3/4,
1207,	VH1 Polska,	HOTBIRD,	11075,	Vertical,	27500,	3/4,
1208,	MTV 1,	HOTBIRD,	11075,	Vertical,	27500,	3/4,
1209,	VH1,	HOTBIRD,	11075,	Vertical,	27500,	3/4,
1210,	Comedy Cent	HOTBIRD,	11075,	Vertical,	27500,	3/4,
1211,	Nickelodeon E	HOTBIRD,	11075,	Vertical,	27500,	3/4,
1212,	MTVNHD,	HOTBIRD,	11075,	Vertical,	27500,	3/4,
1213,	MTV Polska.,	HOTBIRD,	11075,	Vertical,	27500,	3/4,
1214,	VH1 Polska.,	HOTBIRD,	11075,	Vertical,	27500,	3/4,
1215,	VIVA Polska.,	HOTBIRD,	11075,	Vertical,	27500,	3/4,
1216,	Comedy Cent	HOTBIRD,	11075,	Vertical,	27500,	3/4,
1217,	AVA MUSIC,	HOTBIRD,	11727,	Vertical,	27500,	3/4,
1218,	TAK TV,	HOTBIRD,	11727,	Vertical,	27500,	3/4,
1219,	DM ARABIA,	HOTBIRD,	11727,	Vertical,	27500,	3/4,
1220,	S1,	HOTBIRD,	11727,	Vertical,	27500,	3/4,
1221,	S2,	HOTBIRD,	11727,	Vertical,	27500,	3/4,
1222,	S3,	HOTBIRD,	11727,	Vertical,	27500,	3/4,
1223,	S5,	HOTBIRD,	11727,	Vertical,	27500,	3/4,
1224,	S4,	HOTBIRD,	11727,	Vertical,	27500,	3/4,
1225,	S6,	HOTBIRD,	11727,	Vertical,	27500,	3/4,
1226,	S7,	HOTBIRD,	11727,	Vertical,	27500,	3/4,
1227,	S8,	HOTBIRD,	11727,	Vertical,	27500,	3/4,
1228,	BBC Arabic,	HOTBIRD,	11727,	Vertical,	27500,	3/4,

1229,	Nile TV Intern	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
1230,	Nile News,	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
1231,	feed,	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
1232,	Canal Algerie.	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
1233,	A3,	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
1234,	DIRECT 8,	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
1235,	MEDIOLANUI	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
1236,	Administra.it -	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
1237,	GENIUS TV,	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
1238,	EUROITALY,	HOTBIRD,	12539,	Horizontal,	27500,	3/4,
1239,	Trentino TV,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1240,	ELITE SHOP	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1241,	Betting Chanr	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1242,	ODEON SAT,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1243,	Napoli Nova,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1244,	TV LUNA SA	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1245,	TLC SAT,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1246,	STARSAT,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1247,	PLAY TV ITAI	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1248,	PEOPLE TV-I	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1249,	UTV,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1250,	OASI tv,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1251,	EBC.1,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1252,	Heaven TV,	HOTBIRD,	11200,	Vertical,	27500,	5/6,
1253,	SAMACOM,	HOTBIRD,	12245,	Horizontal,	27500,	3/4,
1254,	Syrian Drama	HOTBIRD,	12245,	Horizontal,	27500,	3/4,
1255,	MTC,	HOTBIRD,	12245,	Horizontal,	27500,	3/4,
1256,	Al sumariah,	HOTBIRD,	12245,	Horizontal,	27500,	3/4,
1257,	MEZZO,	HOTBIRD,	12245,	Horizontal,	27500,	3/4,
1258,	KURD 1,	HOTBIRD,	12245,	Horizontal,	27500,	3/4,
1259,	FOXlife,	HOTBIRD,	12245,	Horizontal,	27500,	3/4,
1260,	AL BAGHDAI	HOTBIRD,	12245,	Horizontal,	27500,	3/4,
1261,	AL.Haqiqa,	HOTBIRD,	12245,	Horizontal,	27500,	3/4,
1262,	COMING SO	HOTBIRD,	12245,	Horizontal,	27500,	3/4,
1263,	LIVE CASINC	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1264,	BFM TV,	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1265,	BFM TV,	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1266,	TV GLOBO ,	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1267,	DAYSTAR TV	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1268,	Ayngaran TV,	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1269,	.Viva L'Italia C	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1270,	Payam,	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1271,	Ariana TV,	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1272,	RTS SAT,	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1273,	ISLAM TV,	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1274,	E'TV Emilia R	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1275,	INSPIRATION	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1276,	TISHK TV,	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1277,	EWTN UK,	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1278,	Private Spice,	HOTBIRD,	11585,	Vertical,	27500,	3/4,
1279,	RAI TEST,	HOTBIRD,	11804,	Vertical,	27500,	2/3,
1280,	TBN Europe,	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1281,	TBNEspain,	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1282,	TBN ITALIA,	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1283,	Church Chanr	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1284,	JCTV,	HOTBIRD,	11566,	Horizontal,	27500,	3/4,

1285,	EL SHAFAA,	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1286,	TBN RUSSIA,	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1287,	Smile of a Chi	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1288,	NEJAT TV,	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1289,	Barada TV,	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1290,	Smile of a Chi	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1291,	Boday Time T	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1292,	Noor TV,	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1293,	CALL SHOP	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1294,	Good Shep	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1295,	PARS TV,	HOTBIRD,	11566,	Horizontal,	27500,	3/4,
1296,	MI-TV,	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1297,	SRI TV,	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1298,	Iran Beauty,	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1299,	C TV Coptic C	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1300,	ZDF,	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1301,	RTL CH,	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1302,	bwtv,	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1303,	tv PERSIA,	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1304,	Libya Al Shab	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1305,	Al Beladi TV,	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1306,	GlobalK_SAT	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1307,	Real Estate,	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1308,	Iran Music,	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1309,	RAJ,	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1310,	SmartCast Ta	HOTBIRD,	11054,	Horizontal,	27500,	5/6,
1311,	TV CORAN,	HOTBIRD,	11034,	Vertical,	27500,	3/4,
1312,	TV TAMAZIGI	HOTBIRD,	11034,	Vertical,	27500,	3/4,
1313,	Salute !,	HOTBIRD,	11034,	Vertical,	27500,	3/4,
1314,	2M Maroc,	HOTBIRD,	11034,	Vertical,	27500,	3/4,
1315,	CCTV9,	HOTBIRD,	11034,	Vertical,	27500,	3/4,
1316,	SHANT TV,	HOTBIRD,	11034,	Vertical,	27500,	3/4,
1317,	RTR,	HOTBIRD,	11034,	Vertical,	27500,	3/4,
1318,	Vesti,	HOTBIRD,	11034,	Vertical,	27500,	3/4,
1319,	Berbere Telev	HOTBIRD,	11034,	Vertical,	27500,	3/4,
1320,	TELESUD,	HOTBIRD,	11034,	Vertical,	27500,	3/4,
1321,	AZTV,	HOTBIRD,	11034,	Vertical,	27500,	3/4,
1322,	Game One,	HOTBIRD,	11034,	Vertical,	27500,	3/4,
1323,	Al Jazeera Int	HOTBIRD,	11034,	Vertical,	27500,	3/4,
1324,	DunaTV,	HOTBIRD,	12149,	Vertical,	27500,	3/4,
1325,	TV7 Tunis,	HOTBIRD,	12149,	Vertical,	27500,	3/4,
1326,	Khabar TV,	HOTBIRD,	12149,	Vertical,	27500,	3/4,
1327,	LIDER TV AZ	HOTBIRD,	12149,	Vertical,	27500,	3/4,
1328,	SALENTO CF	HOTBIRD,	12149,	Vertical,	27500,	3/4,
1329,	STUDIO 100	HOTBIRD,	12149,	Vertical,	27500,	3/4,
1330,	CCTV4,	HOTBIRD,	12149,	Vertical,	27500,	3/4,
1331,	UNIVERSAL	HOTBIRD,	12149,	Vertical,	27500,	3/4,
1332,	RIT-TV,	HOTBIRD,	12322,	Horizontal,	27500,	3/4,
1333,	RTVi Europe,	HOTBIRD,	12322,	Horizontal,	27500,	3/4,
1334,	RTVi Detskii	HOTBIRD,	12322,	Horizontal,	27500,	3/4,
1335,	RTVi Nashe	HOTBIRD,	12322,	Horizontal,	27500,	3/4,
1336,	RTVi ME,	HOTBIRD,	12322,	Horizontal,	27500,	3/4,
1337,	France 24 (en	HOTBIRD,	12322,	Horizontal,	27500,	3/4,
1338,	K2,	HOTBIRD,	12322,	Horizontal,	27500,	3/4,
1339,	UNIVERSAL,	HOTBIRD,	12322,	Horizontal,	27500,	3/4,
1340,	SCI FI,	HOTBIRD,	12322,	Horizontal,	27500,	3/4,

1341,	ESP2 Roman	HOTBIRD,	12322,	Horizontal,	27500,	3/4,
1342,	ESP2 Hungar	HOTBIRD,	12322,	Horizontal,	27500,	3/4,
1343,	ESP2 HR,	HOTBIRD,	12322,	Horizontal,	27500,	3/4,
1344,	HRT-TV1,	HOTBIRD,	12520,	Vertical,	27500,	3/4,
1345,	HRT-TV2,	HOTBIRD,	12520,	Vertical,	27500,	3/4,
1346,	HRT PLUS ,	HOTBIRD,	12520,	Vertical,	27500,	3/4,
1347,	RBC-TV,	HOTBIRD,	12520,	Vertical,	27500,	3/4,
1348,	Jewels Sorg1,	HOTBIRD,	12520,	Vertical,	27500,	3/4,
1349,	Jewels Sorg2,	HOTBIRD,	12520,	Vertical,	27500,	3/4,
1350,	Jewels Sorg3,	HOTBIRD,	12520,	Vertical,	27500,	3/4,
1351,	Ishtar TV,	HOTBIRD,	12520,	Vertical,	27500,	3/4,
1352,	Motors TV,	HOTBIRD,	11137,	Horizontal,	27500,	3/4,
1353,	TV5MONDE F	HOTBIRD,	11137,	Horizontal,	27500,	3/4,
1354,	TV5MONDE F	HOTBIRD,	11137,	Horizontal,	27500,	3/4,
1355,	FARSI1,	HOTBIRD,	11137,	Horizontal,	27500,	3/4,
1356,	ANN,	HOTBIRD,	11137,	Horizontal,	27500,	3/4,
1357,	Kurdistan TV,	HOTBIRD,	11137,	Horizontal,	27500,	3/4,
1358,	NHK World,	HOTBIRD,	11137,	Horizontal,	27500,	3/4,
1359,	Videolina,	HOTBIRD,	11137,	Horizontal,	27500,	3/4,
1360,	TelefortuneSa	HOTBIRD,	11137,	Horizontal,	27500,	3/4,
1361,	GEM TV,	HOTBIRD,	11137,	Horizontal,	27500,	3/4,
1362,	Wedding TV,	HOTBIRD,	11117,	Vertical,	27500,	3/4,
1363,	BBC Entertair	HOTBIRD,	11117,	Vertical,	27500,	3/4,
1364,	BBC Knowled	HOTBIRD,	11117,	Vertical,	27500,	3/4,
1365,	BBC Lifestyle	HOTBIRD,	11117,	Vertical,	27500,	3/4,
1366,	BBC CBeebie	HOTBIRD,	11117,	Vertical,	27500,	3/4,
1367,	R1,	HOTBIRD,	11117,	Vertical,	27500,	3/4,
1368,	R1_Plus,	HOTBIRD,	11117,	Vertical,	27500,	3/4,
1369,	BBC Persian,	HOTBIRD,	11117,	Vertical,	27500,	3/4,
1370,	Yes Italia by N	HOTBIRD,	11117,	Vertical,	27500,	3/4,
1371,	Test,	HOTBIRD,	11117,	Vertical,	27500,	3/4,
1372,	ARM_1,	HOTBIRD,	12597,	Vertical,	27500,	3/4,
1373,	BET,	HOTBIRD,	12597,	Vertical,	27500,	3/4,
1374,	BBC World N	HOTBIRD,	12597,	Vertical,	27500,	3/4,
1375,	RD1_Radio_A	HOTBIRD,	12597,	Vertical,	27500,	3/4,
1376,	Sonshine TV,	HOTBIRD,	12597,	Vertical,	27500,	3/4,
1377,	1TVRUS Eurc	HOTBIRD,	12597,	Vertical,	27500,	3/4,
1378,	CNNi,	HOTBIRD,	12597,	Vertical,	27500,	3/4,
1379,	Euronews,	HOTBIRD,	12597,	Vertical,	27500,	3/4,
1380,	JSTV1,	HOTBIRD,	12597,	Vertical,	27500,	3/4,
1381,	JSTV2,	HOTBIRD,	12597,	Vertical,	27500,	3/4,
1382,	Sisal TV,	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1383,	SA OS downk	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1384,	Test Tv 1 Enc	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1385,	Test Tv 2 Enc	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1386,	TV Moda,	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1387,	Studio Europæ	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1388,	GLOBE MEDI	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1389,	NEW TELEVI	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1390,	GBR,	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1391,	BTV INPS,	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1392,	Super Tennis,	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1393,	TRSP,	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1394,	Test Channel,	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1395,	TEF CHANNE	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1396,	ALL TV,	HOTBIRD,	11179,	Horizontal,	27500,	3/4,

1397,	Teletotto,	HOTBIRD,	11179,	Horizontal,	27500,	3/4,
1398,	SLO-TV1,	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1399,	SLO-TV2,	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1400,	PASSIONE P	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1401,	PLEASURE T	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1402,	BVN-TV,	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1403,	LOVEWORLE	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1404,	BLU LINE,	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1405,	DANCE TV,	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1406,	NTV HAYAT	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1407,	TVS,	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1408,	SLO-TV3,	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1409,	Diva Futura,	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1410,	TV SLJEME,	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1411,	CRO MUSIC	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1412,	Kanal e Jadid	HOTBIRD,	12303,	Vertical,	27500,	3/4,
1413,	UM TV,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1414,	AL Rasheed T	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1415,	ZAGROS TV,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1416,	KOREK TV,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1417,	LIVE CHANNI	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1418,	ICC+,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1419,	VIN,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1420,	KNN TV,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1421,	KANAL 4,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1422,	Newroz,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1423,	Movie Peak C	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1424,	ITN+,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1425,	RTV,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1426,	AIR BOX TV,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1427,	Zee TV,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1428,	Zee cinema,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1429,	Alpha Punjabi	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1430,	KOMALA,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
1431,	ESP2 Int'l,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1432,	EUSP2 PL,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1433,	Prod ESP2,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1434,	ESP2 Test,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1435,	ESP2 Greek,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1436,	ESP2 Rus,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1437,	ESP2 Roman	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1438,	ESP Int'l,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1439,	ESP Romania	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1440,	ESP Dutch,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1441,	ESP Polish,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1442,	ESP Russian,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1443,	ESP Portuguese	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1444,	ESP Hungary	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1445,	Prod ESP,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1446,	ESP Czech,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1447,	ESP Greek,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1448,	ESP Cyprus,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1449,	ESP Bulgaria	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1450,	ESP2 Turk,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1451,	ESP Serbia,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1452,	ESP Turk,	HOTBIRD,	11240,	Vertical,	27500,	3/4,

1453,	ESP2 Germar	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1454,	ESP2 Serbia,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1455,	France 24 (en	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1456,	France 24 (in	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1457,	RTBF SAT,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1458,	RTBF Internat	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1459,	EUROSPORT	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1460,	EUROSPORT	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1461,	La Une,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1462,	La Deux,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1463,	RTL-TVi,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1464,	Club-RTL,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1465,	Plug-RTL,	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1466,	Disney Chann	HOTBIRD,	11240,	Vertical,	27500,	3/4,
1467,	TRT-TURK,	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1468,	Suroyo tv,	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1469,	Music Box Ru	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1470,	The Word Net	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1471,	Payam-E-Afgl	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1472,	Baby TV,	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1473,	MRTV / Univ	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1474,	Al-Anwar,	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1475,	LA8,	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1476,	LA9,	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1477,	Telenova,	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1478,	NTD TV,	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1479,	Russia Today	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1480,	GOD TV,	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1481,	ARMENIA TV	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1482,	Asianet Plus,	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1483,	Ictimai TV,	HOTBIRD,	10971,	Horizontal,	27500,	3/4,
1484,	TIZIANA SAT	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1485,	RTA,	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1486,	Cancao Nova	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1487,	Bethel TV,	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1488,	Extra 3,	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1489,	Dorcel TV,	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1490,	SEX ON TV C	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1491,	Kiss,	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1492,	TAPESH TV2	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1493,	Redlight Pre	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1494,	SEX ON TV C	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1495,	SEX on TV Si	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1496,	SEX ON TV C	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1497,	ECTV,	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1498,	SEX ON TV C	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1499,	Sevince TV,	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1500,	PTV,	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1501,	RTS SAT,	HOTBIRD,	11411,	Horizontal,	27500,	5/6,
1502,	ARD "Das Ers	HOTBIRD,	11604,	Horizontal,	27500,	5/6,
1503,	DW-TV EURC	HOTBIRD,	11604,	Horizontal,	27500,	5/6,
1504,	DW-TV ARAB	HOTBIRD,	11604,	Horizontal,	27500,	5/6,
1505,	RTL 2 CH,	HOTBIRD,	11604,	Horizontal,	27500,	5/6,
1506,	Erde und Men	HOTBIRD,	11604,	Horizontal,	27500,	5/6,
1507,	Pali Televisor	HOTBIRD,	11604,	Horizontal,	27500,	5/6,
1508,	Ethnic TV,	HOTBIRD,	11604,	Horizontal,	27500,	5/6,

1509,	Chinese Radi	HOTBIRD,	11604,	Horizontal,	27500,	5/6,
1510,	AlJazeera Do	HOTBIRD,	12111,	Vertical,	27500,	3/4,
1511,	AlJazeera Mu	HOTBIRD,	12111,	Vertical,	27500,	3/4,
1512,	ACM Channel	HOTBIRD,	12111,	Vertical,	27500,	3/4,
1513,	AL JAZEERA.	HOTBIRD,	12111,	Vertical,	27500,	3/4,
1514,	HIGH LIFE TV	HOTBIRD,	12111,	Vertical,	27500,	3/4,
1515,	OUT IP DATA	HOTBIRD,	12111,	Vertical,	27500,	3/4,
1516,	Radio Radio T	HOTBIRD,	12111,	Vertical,	27500,	3/4,
1517,	Telefoggia,	HOTBIRD,	12111,	Vertical,	27500,	3/4,
1518,	S.NEU JERU	HOTBIRD,	12111,	Vertical,	27500,	3/4,
1519,	Jighen,	HOTBIRD,	12111,	Vertical,	27500,	3/4,
1520,	Test Channel,	HOTBIRD,	12111,	Vertical,	27500,	3/4,
1521,	Silk Road TV,	HOTBIRD,	12111,	Vertical,	27500,	3/4,
1522,	Challenger Te	HOTBIRD,	12111,	Vertical,	27500,	3/4,
1523,	TV POLONIA,	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1524,	TVP SPORT,	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1525,	KINO POLSK.	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1526,	TRACE TV,	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1527,	5107,	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1528,	5108,	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1529,	ITV,	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1530,	TVP INFO,	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1531,	CINEMAX,	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1532,	PULS,	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1533,	TVP Kultura,	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1534,	ANIMAL PLAI	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1535,	CNBC,	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1536,	ZONE CLUB,	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1537,	ZONE REALI	HOTBIRD,	11488,	Horizontal,	27500,	3/4,
1538,	Yemen TV,	HOTBIRD,	12380,	Vertical,	27500,	3/4,
1539,	Syria Satellite	HOTBIRD,	12380,	Vertical,	27500,	3/4,
1540,	Telepace,	HOTBIRD,	12380,	Vertical,	27500,	3/4,
1541,	Abu Dhabi,	HOTBIRD,	12380,	Vertical,	27500,	3/4,
1542,	ZAHRAA TV,	HOTBIRD,	12380,	Vertical,	27500,	3/4,
1543,	Saudi arabia	HOTBIRD,	12380,	Vertical,	27500,	3/4,
1544,	RTV Montene	HOTBIRD,	12380,	Vertical,	27500,	3/4,
1545,	RFI Francais,	HOTBIRD,	12380,	Vertical,	27500,	3/4,
1546,	SAT 7,	HOTBIRD,	12380,	Vertical,	27500,	3/4,
1547,	HOLY GOD,	HOTBIRD,	12380,	Vertical,	27500,	3/4,
1548,	The Spirit Wo	HOTBIRD,	12380,	Vertical,	27500,	3/4,
1549,	EQUIDIA PRC	HOTBIRD,	12380,	Vertical,	27500,	3/4,
1550,	EQUIDIA PRC	HOTBIRD,	12380,	Vertical,	27500,	3/4,
1551,	ART PRIME	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1552,	ART Sport 5	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1553,	ART MOVIES	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1554,	ART MOVIES	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1555,	ART SPORT	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1556,	LBC EUROPE	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1557,	ART SPORT	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1558,	IQRAA - AR	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1559,	ART CINEMA	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1560,	ART - ARABI	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1561,	ART HEKAYA	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1562,	ART SPORT	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1563,	ART SPORT	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1564,	ART SPORT	HOTBIRD,	12015,	Horizontal,	27500,	3/4,

1565,	ART HEKAYA	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1566,	FUTUTRE NE	HOTBIRD,	12015,	Horizontal,	27500,	3/4,
1567,	TVN,	HOTBIRD,	11394,	Vertical,	27500,	3/4,
1568,	TVN 24,	HOTBIRD,	11394,	Vertical,	27500,	3/4,
1569,	TVN Siedem,	HOTBIRD,	11394,	Vertical,	27500,	3/4,
1570,	Mango 24,	HOTBIRD,	11394,	Vertical,	27500,	3/4,
1571,	TVN METEO,	HOTBIRD,	11394,	Vertical,	27500,	3/4,
1572,	TVN TURBO,	HOTBIRD,	11394,	Vertical,	27500,	3/4,
1573,	TVN Style,	HOTBIRD,	11394,	Vertical,	27500,	3/4,
1574,	Test,	HOTBIRD,	11394,	Vertical,	27500,	3/4,
1575,	TVN CNBC B	HOTBIRD,	11394,	Vertical,	27500,	3/4,
1576,	DUBAI TV,	HOTBIRD,	11747,	Horizontal,	27500,	3/4,
1577,	DUBAI SPOR	HOTBIRD,	11747,	Horizontal,	27500,	3/4,
1578,	SAMADUBAI,	HOTBIRD,	11747,	Horizontal,	27500,	3/4,
1579,	PMC,	HOTBIRD,	11747,	Horizontal,	27500,	3/4,
1580,	AL SHARQIY,	HOTBIRD,	11747,	Horizontal,	27500,	3/4,
1581,	AL ARABIYA,	HOTBIRD,	11747,	Horizontal,	27500,	3/4,
1582,	MBC MAGHR	HOTBIRD,	11747,	Horizontal,	27500,	3/4,
1583,	ME SHOP,	HOTBIRD,	11747,	Horizontal,	27500,	3/4,
1584,	EZ Shop,	HOTBIRD,	11747,	Horizontal,	27500,	3/4,
1585,	INTER TV SH	HOTBIRD,	11747,	Horizontal,	27500,	3/4,
1586,	PIANETA,	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1587,	Cartomanzia_	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1588,	ARTE,	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1589,	DAN LANKA,	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1590,	ITALIA_CHAN	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1591,	TV_ROMANI/	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1592,	Carisma_TV,	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1593,	KBS_WORLD	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1594,	BEUR TV,	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1595,	K+,	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1596,	ITALY ITALY,	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1597,	Abu_dhabi_S	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1598,	ITALIA SAT,	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1599,	South for You	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1600,	ARTE,	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1601,	!ALLOVE,	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1602,	!EL HOB TV,	HOTBIRD,	11623,	Vertical,	27500,	3/4,
1603,	Noursat,	HOTBIRD,	10949,	Vertical,	27500,	3/4,
1604,	Rete Capri,	HOTBIRD,	10949,	Vertical,	27500,	3/4,
1605,	ANB,	HOTBIRD,	10949,	Vertical,	27500,	3/4,
1606,	Sun TV +4420	HOTBIRD,	10949,	Vertical,	27500,	3/4,
1607,	Al Hiwar TV,	HOTBIRD,	10949,	Vertical,	27500,	3/4,
1608,	CN/TCM,	HOTBIRD,	10949,	Vertical,	27500,	3/4,
1609,	DMC TV,	HOTBIRD,	10949,	Vertical,	27500,	3/4,
1610,	Al Forat,	HOTBIRD,	10949,	Vertical,	27500,	3/4,
1611,	Al Forat Radic	HOTBIRD,	10949,	Vertical,	27500,	3/4,
1612,	Disney Chann	HOTBIRD,	10949,	Vertical,	27500,	3/4,
1613,	Cartoon Netw	HOTBIRD,	10949,	Vertical,	27500,	3/4,
1614,	Turner Classic	HOTBIRD,	10949,	Vertical,	27500,	3/4,
1615,	All Music,	HOTBIRD,	10949,	Vertical,	27500,	3/4,
1616,	JSC SPORT -	HOTBIRD,	11296,	Horizontal,	27500,	3/4,
1617,	JSC SPORT -	HOTBIRD,	11296,	Horizontal,	27500,	3/4,
1618,	JSC SPORT -	HOTBIRD,	11296,	Horizontal,	27500,	3/4,
1619,	JSC SPORT -	HOTBIRD,	11296,	Horizontal,	27500,	3/4,
1620,	JSC SPORT -	HOTBIRD,	11296,	Horizontal,	27500,	3/4,

1621,	JSC SPORT - HOTBIRD,	11296,	Horizontal,	27500,	3/4,
1622,	JSC SPORT - HOTBIRD,	11296,	Horizontal,	27500,	3/4,
1623,	JSC SPORT - HOTBIRD,	11296,	Horizontal,	27500,	3/4,
1624,	JSC Test 1, HOTBIRD,	11296,	Horizontal,	27500,	3/4,
1625,	JSC Test 2, HOTBIRD,	11296,	Horizontal,	27500,	3/4,
1626,	Mktv Sat, HOTBIRD,	11470,	Vertical,	27500,	5/6,
1627,	RIKSAT, HOTBIRD,	11470,	Vertical,	27500,	5/6,
1628,	PEN TV, HOTBIRD,	11470,	Vertical,	27500,	5/6,
1629,	Channel 6, HOTBIRD,	11470,	Vertical,	27500,	5/6,
1630,	OMID E IRAN HOTBIRD,	11470,	Vertical,	27500,	5/6,
1631,	BET NAHRAII HOTBIRD,	11470,	Vertical,	27500,	5/6,
1632,	JAAM E JAM, HOTBIRD,	11470,	Vertical,	27500,	5/6,
1633,	PROPHETIC, HOTBIRD,	11470,	Vertical,	27500,	5/6,
1634,	IRAN, HOTBIRD,	11470,	Vertical,	27500,	5/6,
1635,	Ariana, HOTBIRD,	11470,	Vertical,	27500,	5/6,
1636,	AL Malakoot I HOTBIRD,	11470,	Vertical,	27500,	5/6,
1637,	Tasvir Iran, HOTBIRD,	11470,	Vertical,	27500,	5/6,
1638,	MOHABAT TV HOTBIRD,	11470,	Vertical,	27500,	5/6,
1639,	TAPESH, HOTBIRD,	11470,	Vertical,	27500,	5/6,
1640,	OU, 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 Gε 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,	EI, HOTBIRD,	12284,	Horizontal,	27500,	3/4,
1654,	Boomerang, HOTBIRD,	12284,	Horizontal,	27500,	3/4,
1655,	Planeta FM, HOTBIRD,	12284,	Horizontal,	27500,	3/4,
1656,	TVP Sport, HOTBIRD,	12284,	Horizontal,	27500,	3/4,
1657,	TVP INFO, HOTBIRD,	12284,	Horizontal,	27500,	3/4,
1658,	Zone Europa, HOTBIRD,	12284,	Horizontal,	27500,	3/4,
1659,	Dla Abonentó HOTBIRD,	12284,	Horizontal,	27500,	3/4,
1660,	Test1, HOTBIRD,	12284,	Horizontal,	27500,	3/4,
1661,	Blue Hustler, HOTBIRD,	12284,	Horizontal,	27500,	3/4,
1662,	Jetix Play, HOTBIRD,	12284,	Horizontal,	27500,	3/4,
1663,	TV1000, HOTBIRD,	12284,	Horizontal,	27500,	3/4,
1664,	Złote Przeboje HOTBIRD,	12284,	Horizontal,	27500,	3/4,
1665,	Travel, HOTBIRD,	12284,	Horizontal,	27500,	3/4,
1666,	Test_BH, HOTBIRD,	12284,	Horizontal,	27500,	3/4,
1667,	Radio ZET, HOTBIRD,	12284,	Horizontal,	27500,	3/4,
1668,	RMF Classic, HOTBIRD,	12284,	Horizontal,	27500,	3/4,
1669,	Test, HOTBIRD,	12284,	Horizontal,	27500,	3/4,
1670,	Trójka - PR, HOTBIRD,	12284,	Horizontal,	27500,	3/4,
1671,	Radio PIN 10: HOTBIRD,	12284,	Horizontal,	27500,	3/4,
1672,	Jedynka - PR, HOTBIRD,	12284,	Horizontal,	27500,	3/4,
1673,	RMF FM, HOTBIRD,	12284,	Horizontal,	27500,	3/4,
1674,	Portal ITV, HOTBIRD,	12284,	Horizontal,	27500,	3/4,
1675,	TVN Warszaw HOTBIRD,	11508,	Vertical,	27500,	3/4,
1676,	TVN Lingua, HOTBIRD,	11508,	Vertical,	27500,	3/4,

1677,	Religia.TV,	HOTBIRD,	11508,	Vertical,	27500,	3/4,
1678,	n Sport,	HOTBIRD,	11508,	Vertical,	27500,	3/4,
1679,	TVP Sport,	HOTBIRD,	11508,	Vertical,	27500,	3/4,
1680,	Filmbox,	HOTBIRD,	11508,	Vertical,	27500,	3/4,
1681,	Filmbox Extra	HOTBIRD,	11508,	Vertical,	27500,	3/4,
1682,	Filmbox Famil	HOTBIRD,	11508,	Vertical,	27500,	3/4,
1683,	Discovery Ch	HOTBIRD,	11508,	Vertical,	27500,	3/4,
1684,	IRINN,	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1685,	IRIB QURAN,	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1686,	PRESS TV,	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1687,	SAHAR,	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1688,	IRIB1 PER,	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1689,	IRIB2 PER,	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1690,	ALALAM,	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1691,	ALKAWTHAR	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1692,	FEED,	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1693,	IRIB1 ENG,	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1694,	IRIB2 ENG,	HOTBIRD,	12437,	Horizontal,	27500,	3/4,
1695,	AL JAZEERA	HOTBIRD,	12558,	Vertical,	27500,	3/4,
1696,	Baraem,	HOTBIRD,	12558,	Vertical,	27500,	3/4,
1697,	TELELOTTO,	HOTBIRD,	12558,	Vertical,	27500,	3/4,
1698,	T. R. Padre P	HOTBIRD,	12558,	Vertical,	27500,	3/4,
1699,	RTL9,	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1700,	AB1,	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1701,	AB MOTEUR	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1702,	ANIMAUX,	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1703,	CHASSE & PI	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1704,	XXL,	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1705,	TF1,	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1706,	ESCALES,	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1707,	Fit/Toute l'His	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1708,	NT1,	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1709,	ACTION,	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1710,	MANGAS,	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1711,	ENCYCLOPE	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1712,	XXL PL,	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1713,	France 5,	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1714,	France ô,	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1715,	LCP,	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1716,	VIDEOCLICK	HOTBIRD,	11681,	Horizontal,	27500,	3/4,
1717,	M6 ,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1718,	NRJ12,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1719,	France 2,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1720,	W9 ,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1721,	TMC,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1722,	CINE POLAR	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1723,	CINE FX,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1724,	Virgin 17,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1725,	AB3,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1726,	AB4,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1727,	Gulli,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1728,	LUXE TV,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1729,	O. sport info,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1730,	France 3,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1731,	France 4,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,
1732,	CINE FIRST,	HOTBIRD,	12692,	Horizontal,	27500,	3/4,

1733,	novasports3,	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1734,	VH1,	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1735,	MTV,	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1736,	MGM,	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1737,	Animal Planet	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1738,	novacinema2,	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1739,	National Geoç	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1740,	novacinema2	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1741,	A TEST,	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1742,	Summer Cine	HOTBIRD,	10930,	Horizontal,	27500,	Auto,
1743,	Iris,	HOTBIRD,	11919,	Vertical,	27500,	Auto,
1744,	Mediashoppin	HOTBIRD,	11919,	Vertical,	27500,	Auto,
1745,	Boing,	HOTBIRD,	11919,	Vertical,	27500,	Auto,
1746,	Setting writer	AMOS 1-2,	0,	Horizontal,	0,	1/2,
1747,	www.sat-elevç	AMOS 1-2,	0,	Horizontal,	0,	1/2,
1748,	2009/07/07,	AMOS 1-2,	0,	Horizontal,	0,	1/2,
5001,	SRG-DRS 1,	HOTBIRD,	12399,	Horizontal,	27500,	3/4,
5002,	SRG-DRS 2,	HOTBIRD,	12399,	Horizontal,	27500,	3/4,
5003,	SRG-DRS 3,	HOTBIRD,	12399,	Horizontal,	27500,	3/4,
5004,	SRG-DRS 4	HOTBIRD,	12399,	Horizontal,	27500,	3/4,
5005,	SRG-DRS Vir	HOTBIRD,	12399,	Horizontal,	27500,	3/4,
5006,	SRG-DRS Mu	HOTBIRD,	12399,	Horizontal,	27500,	3/4,
5007,	SRG-Rumantç	HOTBIRD,	12399,	Horizontal,	27500,	3/4,
5008,	SRG-Swiss C	HOTBIRD,	12399,	Horizontal,	27500,	3/4,
5009,	SRG-Swiss Pç	HOTBIRD,	12399,	Horizontal,	27500,	3/4,
5010,	SRG-Swiss Jç	HOTBIRD,	12399,	Horizontal,	27500,	3/4,
5011,	Radio Eviva,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
5012,	SWR 1 BW,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5013,	SWR 1 RP,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5014,	SWR 2,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5015,	SWR 3,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5016,	SWR 4 BW,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5017,	SWR 4 RP,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5018,	DASDING,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5019,	SWR cont.ra,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5020,	1LIVE,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5021,	WDR 2,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5022,	WDR 3,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5023,	WDR 4,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5024,	WDR 5,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5025,	Sky Radio,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5026,	538 Juize,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5027,	Radio538,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5028,	domradio,	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
5029,	egoFM,	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
5030,	SSR-La 1ere,	HOTBIRD,	11526,	Horizontal,	27500,	Auto,
5031,	SSR-Espace :	HOTBIRD,	11526,	Horizontal,	27500,	Auto,
5032,	SSR-Couleurç	HOTBIRD,	11526,	Horizontal,	27500,	Auto,
5033,	SSR-Option M	HOTBIRD,	11526,	Horizontal,	27500,	Auto,
5034,	SSR-Rete Un	HOTBIRD,	11526,	Horizontal,	27500,	Auto,
5035,	SSR-Rete Du	HOTBIRD,	11526,	Horizontal,	27500,	Auto,
5036,	SSR-Rete Tre	HOTBIRD,	11526,	Horizontal,	27500,	Auto,
5037,	SSR-WRS,	HOTBIRD,	11526,	Horizontal,	27500,	Auto,
5038,	SSR-CH-Clas	HOTBIRD,	11526,	Horizontal,	27500,	Auto,
5039,	Klassik Radio	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
5040,	oldiestar*,	ASTRA 1,	12460,	Horizontal,	27500,	3/4,

5041,	HOPE Chann	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
5042,	,,	ASTRA 1,	12460,	Horizontal,	27500,	3/4,
5043,	ROCK ANTE	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
5044,	ERF Radio,	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
5045,	sunshine live,	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
5046,	ANTENNE B	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
5047,	2255 Gewinnr	ASTRA 1,	12148,	Horizontal,	27500,	3/4,
5048,	Deutsche Ch	ASTRA 1,	11758,	Horizontal,	27500,	3/4,
5049,	Rock Hymnen	ASTRA 1,	11758,	Horizontal,	27500,	3/4,
5050,	LoveSongs,	ASTRA 1,	11758,	Horizontal,	27500,	3/4,
5051,	60er/70er,	ASTRA 1,	11758,	Horizontal,	27500,	3/4,
5052,	80er/90er,	ASTRA 1,	11758,	Horizontal,	27500,	3/4,
5053,	RnB/Hip Hop,	ASTRA 1,	11758,	Horizontal,	27500,	3/4,
5054,	Country,	ASTRA 1,	11758,	Horizontal,	27500,	3/4,
5055,	DELUXE RAC	ASTRA 1,	12246,	Vertical,	27500,	3/4,
5056,	DELUXE LOL	ASTRA 1,	12246,	Vertical,	27500,	3/4,
5057,	TEDDY,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
5058,	APS.R12,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
5059,	APS.R13,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
5060,	APS.R14,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
5061,	APS.R15,	ASTRA 1,	12246,	Vertical,	27500,	3/4,
5062,	CNN Radio,	ASTRA 1,	11778,	Vertical,	27500,	3/4,
5063,	Inselradio,	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
5064,	radio top40,	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
5065,	HIT RADIO FI	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
5066,	planet radio,	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
5067,	harmony.fm,	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
5068,	ffn digital,	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
5069,	Radio Paloma	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
5070,	WRN Deutsch	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
5071,	PEPPERMIN	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
5072,	ffn Comedy,	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
5073,	Radio Gloria,	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
5074,	Radio Regent	ASTRA 1,	12633,	Horizontal,	22000,	5/6,
5075,	DKULTUR,	ASTRA 1,	11953,	Horizontal,	27500,	3/4,
5076,	DLF,	ASTRA 1,	11953,	Horizontal,	27500,	3/4,
5077,	Dok&Deb,	ASTRA 1,	11953,	Horizontal,	27500,	3/4,
5078,	CANALSAT R	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5079,	FRANCE MU	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5080,	FIP,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5081,	FRANCE INF	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5082,	FRANCE INTI	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5083,	FRANCE BLE	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5084,	RFI INT,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5085,	RADIO CLAS	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5086,	EUROPE 1,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5087,	RMC,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5088,	RTL,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5089,	RIRE & CHA	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5090,	SUD RADIO,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5091,	MC DOUALIY	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5092,	TSF JAZZ,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5093,	NOSTALGIE,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5094,	BFM,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5095,	JAZZ RADIO,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5096,	NRJ,	ASTRA 1,	12207,	Vertical,	27500,	3/4,

5097,	VIRGIN RAD	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5098,	RTL 2,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5099,	SKYROCK,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5100,	FUN RADIO,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5101,	LE MOUV',	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5102,	NOVA,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5103,	RADIO FG,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5104,	VIBRATION,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5105,	CONTACT FM	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5106,	RADIO LATIN	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5107,	RFM,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5108,	CHERIE FM,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5109,	VOLTAGE,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5110,	OUI FM,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5111,	ADO,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5112,	COULEUR 3,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5113,	PARENTHES	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5114,	RADIO NOTR	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5115,	RADIO ALFA,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5116,	RCJ / SHALO	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5117,	BEUR FM,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5118,	BBC ARABIC	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5119,	RFI MULTILIN	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5120,	RCI SAT,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5121,	MEDI 1,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5122,	FRANCE CUL	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5123,	WRN,	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5124,	BBCW SERVI	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5125,	RADIO COUF	ASTRA 1,	12207,	Vertical,	27500,	3/4,
5126,	RTL RADIO,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
5127,	RTL 1440,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
5128,	RV info,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
5129,	Radio Vlaand	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
5130,	Mint,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
5131,	Bel RTL,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
5132,	Radio Contac	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
5133,	Pure FM,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
5134,	Classic21,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
5135,	VivaCite,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
5136,	Musiq 3,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
5137,	La Premiere,	ASTRA 1,	12343,	Horizontal,	27500,	3/4,
5138,	MEHRKANAL	ASTRA 1,	12421,	Horizontal,	27500,	3/4,
5139,	FunX,	ASTRA 1,	12515,	Horizontal,	22000,	5/6,
5140,	Classic FM,	ASTRA 1,	12515,	Horizontal,	22000,	5/6,
5141,	Q-Music,	ASTRA 1,	12515,	Horizontal,	22000,	5/6,
5142,	Radio 4 Surro	ASTRA 1,	12515,	Horizontal,	22000,	5/6,
5143,	Arrow Classic	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5144,	KINK FM,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5145,	RNW1,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5146,	RNW2,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5147,	NL-Radio 6,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5148,	NL-Radio 1,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5149,	NL-Radio 2,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5150,	NL-3FM,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5151,	NL-Radio 4,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5152,	NL-Radio 5,	ASTRA 1,	12574,	Horizontal,	22000,	5/6,

5153,	Radio10Gold, ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5154,	RNW3, ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5155,	Radio Veronic ASTRA 1,	12574,	Horizontal,	22000,	5/6,
5156,	Radio neue H ASTRA 1,	10832,	Horizontal,	22000,	5/6,
5157,	Radio Horeb, ASTRA 1,	10832,	Horizontal,	22000,	5/6,
5158,	CFN/RFC, ASTRA 1,	10832,	Horizontal,	22000,	5/6,
5159,	Radio Maryja, ASTRA 1,	10773,	Horizontal,	22000,	5/6,
5160,	RADIOS ESP ASTRA 1,	10847,	Vertical,	22000,	5/6,
5161,	OE1, ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5162,	OE1 DD, ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5163,	OE2 W, ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5164,	OE2 N, ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5165,	OE2 B, ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5166,	OE2 O, ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5167,	OE2 S, ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5168,	OE2 T, ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5169,	OE2 V, ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5170,	OE2 St, ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5171,	OE2 K, ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5172,	OE3, ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5173,	FM4, ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5174,	Ö1 Internatior ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5175,	RADIO MARI ASTRA 1,	12662,	Horizontal,	22000,	5/6,
5176,	Bayern 1, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5177,	Bayern 2, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5178,	BAYERN 3, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5179,	BAYERN 4 KI ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5180,	B5 aktuell, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5181,	BAYERN plus ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5182,	on3radio, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5183,	BR Verkehr, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5184,	B5 plus, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5185,	DW 1, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5186,	DW 4, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5187,	hr1, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5188,	hr2, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5189,	hr3, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5190,	hr4, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5191,	YOU FM, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5192,	hr iNFO, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5193,	hr iNFO +, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5194,	MDR1 SACH ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5195,	MDR1 SA-AN ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5196,	MDR1 THÜRI ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5197,	MDR FIGARC ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5198,	JUMP, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5199,	MDR SPUTNI ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5200,	MDR Info, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5201,	MDR KLASSI ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5202,	NDR 2, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5203,	NDR Kultur, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5204,	NDR Info, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5205,	N-JOY, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5206,	NDR 90,3, ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5207,	NDR1WelleN ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5208,	NDR 1 Radio ASTRA 1,	12265,	Horizontal,	27500,	3/4,

5209,	NDR 1 Nieder	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5210,	NDR Info Spe	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5211,	Bremen Eins,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5212,	Nordwestradic	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5213,	Bremen Vier,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5214,	Inforadio,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5215,	Kulturradio,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5216,	Antenne Bran	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5217,	radioBERLIN	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5218,	radioeins,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5219,	Fritz,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5220,	SR1 Europaw	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5221,	SR2 KulturRa	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5222,	SR3 Saarland	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5223,	WDR Funkha	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5224,	1LIVE diggi,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5225,	KIRAKA,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5226,	WDR Event,	ASTRA 1,	12265,	Horizontal,	27500,	3/4,
5227,	Bartok Radio	ASTRA 1,	11670,	Horizontal,	22000,	5/6,
5228,	Petofi Radio -	ASTRA 1,	11670,	Horizontal,	22000,	5/6,
5229,	Kossuth Radic	ASTRA 1,	11670,	Horizontal,	22000,	5/6,
5230,	Radio Aragon	ASTRA 1,	11538,	Vertical,	22000,	5/6,
5231,	Radio 1,	ASTRA 1,	12721,	Horizontal,	22000,	5/6,
5232,	Radio 2,	ASTRA 1,	12721,	Horizontal,	22000,	5/6,
5233,	MNM,	ASTRA 1,	12721,	Horizontal,	22000,	5/6,
5234,	Studio Brusse	ASTRA 1,	12721,	Horizontal,	22000,	5/6,
5235,	Klara,	ASTRA 1,	12721,	Horizontal,	22000,	5/6,
5236,	Q-music,	ASTRA 1,	12721,	Horizontal,	22000,	5/6,
5237,	JOEfm,	ASTRA 1,	12721,	Horizontal,	22000,	5/6,
5238,	Nostalgie,	ASTRA 1,	12721,	Horizontal,	22000,	5/6,
5239,	tech 3,	HOTBIRD,	10719,	Vertical,	27500,	Auto,
5240,	NPR,	HOTBIRD,	10723,	Horizontal,	29900,	Auto,
5241,	RDPi Radio,	HOTBIRD,	10723,	Horizontal,	29900,	Auto,
5242,	Radio A1,	HOTBIRD,	10723,	Horizontal,	29900,	Auto,
5243,	UI Split/Voice	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
5244,	SMPTE Time	HOTBIRD,	10775,	Horizontal,	28000,	Auto,
5245,	MusicC. Klas	HOTBIRD,	10796,	Vertical,	27500,	Auto,
5246,	MusicC. Pop,	HOTBIRD,	10796,	Vertical,	27500,	Auto,
5247,	MusicC. Danc	HOTBIRD,	10796,	Vertical,	27500,	Auto,
5248,	MusicC. Urba	HOTBIRD,	10796,	Vertical,	27500,	Auto,
5249,	MusicC. Swia	HOTBIRD,	10796,	Vertical,	27500,	Auto,
5250,	MusicC. Rock	HOTBIRD,	10796,	Vertical,	27500,	Auto,
5251,	MusicC. Oldie	HOTBIRD,	10796,	Vertical,	27500,	Auto,
5252,	Music Choice	HOTBIRD,	10796,	Vertical,	27500,	Auto,
5253,	Music Choice	HOTBIRD,	10796,	Vertical,	27500,	Auto,
5254,	Music Choice	HOTBIRD,	10796,	Vertical,	27500,	Auto,
5255,	Music Choice	HOTBIRD,	10796,	Vertical,	27500,	Auto,
5256,	Music Choice	HOTBIRD,	10796,	Vertical,	27500,	Auto,
5257,	Music Choice	HOTBIRD,	10796,	Vertical,	27500,	Auto,
5258,	Music Choice	HOTBIRD,	10796,	Vertical,	27500,	Auto,
5259,	JAY JAY FM,	HOTBIRD,	10853,	Horizontal,	27500,	Auto,
5260,	Radio nationa	HOTBIRD,	10873,	Vertical,	27500,	Auto,
5261,	Radio Dakhla	HOTBIRD,	10873,	Vertical,	27500,	Auto,
5262,	Chaine inter,	HOTBIRD,	10873,	Vertical,	27500,	Auto,
5263,	Amazigh,	HOTBIRD,	10873,	Vertical,	27500,	Auto,
5264,	Radio Moham	HOTBIRD,	10873,	Vertical,	27500,	Auto,

5265,	RADIO MOH/	HOTBIRD,	10873,	Vertical,	27500,	Auto,
5266,	Medi1Radio,	HOTBIRD,	10873,	Vertical,	27500,	Auto,
5267,	Radio FES,	HOTBIRD,	10873,	Vertical,	27500,	Auto,
5268,	CYFRA+ RAC	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
5269,	CYFRA+ RMF	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
5270,	CYFRA+ PR,	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
5271,	JASNA GOR/	HOTBIRD,	10892,	Horizontal,	27500,	Auto,
5272,	Radio Mater,	HOTBIRD,	11919,	Vertical,	27500,	Auto,
5273,	Rouge FM,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
5274,	Radio Top Tw	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
5275,	Almahaba,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
5276,	AL Rasheed F	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
5277,	ZAGROS RAI	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
5278,	Radio Zamanı	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
5279,	Newroz Radic	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
5280,	RVinfo,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
5281,	RV,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,
5282,	Radio 74,	HOTBIRD,	12476,	Horizontal,	27500,	3/4,