; SoftCam.Key - Key Files

; X Scrambling system

; Available for :BETATEC IRDETO(2) NAGRAVISION(1-2)

; VIACCESS(2-3)TPSCRYPT(2)CRYPTOWORKS BISS CONTROL WORD (DCW)

; I=Irdeto (Providers ID )

; Channel ID (00 to 11 keys ;Provider Name )

; V=Viaccess (Providers ID)

; Channel ID (08 to 0F keys ;Provider Name )

; N=Nagra MECM,RSA (Providers ID)

; Channel ID (00 01 keys ;Provider Name )

; W=CryptoWorks ECM & EMM-G (Providers ID)

; Channel ID (00 01 06 keys ;Provider Name )

; B=BISS (Providers ID)

; Channel ID (ECM Pid:Freq:POL:S.R:keys ;Provider Name )

; F=MGCAMD BISS (Providers ID)

; Channel ID (ECM Pid:keys ;Provider Name )

; D=DCW CONTROL WORD (Providers ID)

; Channel ID (Cas ID:Provider ID:Service ID:PMT Pid:ECM Pid:

; keys ;Provider Name )

; X=Conax exp + mod Key ( 128 Bytes - Conax )Down

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#\*#\*#\*#\*#\*#\*#\*#\*# IRDETO 1 Providers #\*#\*#\*#\*#\*#\*#\*#\*#

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I 001342 02 6A080FD5A859F9F6 ;Aurora OPTUS (156.0°E)

I 001342 04 0C43574BAE000056 ;Aurora OPTUS (156.0°E)

I 001342 06 67ACE0B8636DAC7C ;Aurora OPTUS (156.0°E)

I 001342 08 82931AB0EC8594C1 ;Aurora OPTUS (156.0°E)

I 001342 0A 4BFEAC1A47633733 ;Aurora OPTUS (156.0°E)

I 001342 0C 151C4F82ACE5C5C1 ;Aurora OPTUS (156.0°E)

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#\*#\*#\*#\*#\*#\*#\*#\*# IRDETO 2 Providers #\*#\*#\*#\*#\*#\*#\*#\*#

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I 0604 02 DFDD0C4B92B4ABD26514B9AF9F0C79C4 ;Bulsatcom (39.0°E)

I 0604 03 EAE5561133B2E62C83EF54BF3D0AF14B ;Bulsatcom (39.0°E)

I 0604 04 731BB81185609CFA22F8B039C253E3BD ;Bulsatcom (39.0°E)

I 0604 06 EAE5561133B2E62C83EF54BF3D0AF14B ;Bulsatcom (39.0°E)

I 0604 M1 98B4DCAD44E8C9504C3F4E51692A7047 ;Bulsatcom (39.0°E)

I 0604 M2 AE652B210BF89FC69507609842FD303E ;Bulsatcom (39.0°E)

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I 0604 06 2B079E4B79602177DD9EC06B3C99CF05 ;GMM (78.5°E)

I 0604 08 9389B6CE20673EDBD70F9A102C81EE3A ;GMM (78.5°E)

I 0604 M1 44FFC26B054B1F73B8F313422957D870 ;GMM (78.5°E)

I 0604 M2 732DBE8942C631EDAC5D714A13B54C37 ;GMM (78.5°E)

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#\*#\*#\*#\*#\*#\*#\*#\*# VIACCESS 1 Providers #\*#\*#\*#\*#\*#\*#\*#\*#

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V 007400 08 2FB60239D4D8C4D6 ;Mezzo/MCM Belgique(13°E&5°W)\*

V 007800 08 5B141E389C46245F ;Sic International (16.0°E)

V 007800 09 606C85DA02419061 ;Sic International (16.0°E)

V 007800 0A 7115CE2EF8364220 ;Sic International (16.0°E)

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V 00E800 08 74681A84CCC600DF ;Globecast Espana (7.0°E)

V 00E810 08 FAAA5389B5630B21 ;Globecast Espana (30.0°W)

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V 001C10 08 03A857610B5F1269 ;GlobeCast FR/Bufallo (5°W/7.0°E)

V 001C10 09 F7CFC642B984CBD1 ;GlobeCast FR/Bufallo (5°W/7.0°E)

V 001C10 0D D1AD19B7FB2BE5CD ;GlobeCast FR/Bufallo (5°W/7.0°E)

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V 011400 08 72F239EA9FC723CB ;TAIPEI INTERNATIONAL 97°W

V 014400 08 9CA7AF1E380B97BF ;Sun Channel

V 021800 08 5D85C9E8A0677163 ;TNS

V 022600 08 1110B1245ADDF411 ;eniz9\*

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#\*#\*#\*#\*#\*#\*#\*#\*# VIACCESS Providers #\*#\*#\*#\*#\*#\*#\*#\*#

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V 023800 08 955CF3C92800F39F54B93005DF826DBF ;SRG SSR (13.0°E)

V 023800 D1 0B552C11AF0A2FB8 ;Des1\_Key

V 023800 X1 3D1229C2ED29C130 ;XORArray

V 023800 P1 0304000207050106 ;PermArray

V 023800 C1 DA4E0B42134F433B ;ChainArray

ransformTable

;

V 021110 08 35F6B9217C2BA83F38C3C1FD23A5D321 ;Ant-1/Le bouquet de Canal+ (39°/26°E)

V 021110 D1 89CBB54EEB94E350 ; Des1\_Key

V 021110 X1 12BF4D2F2A10F590 ; XORArray

V 021110 P1 0704020305000601 ; PermArray

V 021110 C1 E96B9FD44D3D335E ; ChainArray

V 021110 T1  ;TransformTable

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V 030B00 08 D92A82E3111C9AFDED4626AD0B542E5B ; Service key

V 030B00 09 CC72AAFE5265D6D04608E832CEB9EC4D ; TNT Sat France

V 030B00 0A EE2679604A7DDD32E4F8CB913500D38E ; TNT Sat France

V 030B00 0B 7C6A2428C020023B163E4FE024FF5D9D ; TNT Sat France

V 030B00 0C 9A3EAB0203EBFFCA85B4F18280749F56 ; TNT Sat France

V 030B00 0D 1BCA9E886D4EBD52DA1610613C4805C1 ; TNT Sat France

V 030B00 0E E7864DC3514FC39E8819BE691BD507C2 ; TNT Sat France

V 030B00 0F 29091E70A9392C67A394DB9B707F1E7C ; TNT Sat France

V 030B00 E1 F62C3BE300E98BBB378DFA38BB6EEEF1 ; SurEncryption

V 030B00 E2 48C19B86A4E2EB7288DFDCE7C2BB7577 ; HD SurEncrypti

V 030B00 E4 6B1B024D36F60974973CB81FA5E8F01C ; WB2 HD SurEncryption

V 030B00 E5 127003F8E95100367A556121C779FB6E ; TNTSat France HD

V 030B00 E7 1DE5B042AD670BB16A3A76BDAD2F7AC0 ; HD AES SurEncryption Key

V 030B00 EC 9A3EAB0203EBFFCA85B4F18280749F56 ; WB2 SurEncryption Key

V 030B00 ED 2504B382B16D8C6758DB960E311E9351 ; WB2 SurEncryption Key

V 030B00 EE 349883E54D58336DCA750A878ACC5CD5 ; WB2 SD SurEncryption

V 030B00 EF 4A26AD251795A58A11BBC07B53C44348 ; WB2 SD SurEncryption

V 030B00 E10 2844258792F6D9529A328B3E8CD2FD0E ; SD Sur Encryption Key

V 030B00 E11 F62C3BE300E98BBB378DFA38BB6EEEF1 ; WB2 HD SurEncryption

V 030B00 E14 6B1B024D36F60974973CB81FA5E8F01C ; WB2 HD SurEncryption

V 030B00 E15 127003F8E95100367A556121C779FB6E ; WB2 HD SurEncryption

V 030B00 E17 1DE5B042AD670BB16A3A76BDAD2F7AC0 ; HD AES SurEncryption Key

V 030B00 D1 89CBB54EEB94E350 ;Des1\_Key

V 030B00 X1 8B2908AE39B0101A ;XORArray

V 030B00 P1 0704020305000601 ;PermArray

V 030B00 C1 FC3C5F15D7A0B437 ;ChainArray

ransformTable

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#\*#\*#\*#\*#\*#\*#\*#\*# NAGRAVISION 2 Providers #\*#\*#\*#\*#\*#\*#\*#\*#

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;

N 1101 00 9AF11CE0871C97911FFF4099851B867D ;KABEL DE (23.5°E)

N 1101 01 FAD9E99827B3D66B624FA382E52615E1 ;KABEL DE (23.5°E)

N 1101 M1 C75C2FECF494F6DD71BBF898C63F7FEBA11345DF14C71EE656BC23016C2F90A881429B82A68C095E472C997752D5890341CF9E06691672482718750B918AAE92 ;

N 1101 M2 F526EAC72EA3C3250956CC5A8AC46443D0CF6FBF85894E3640940C549EE2CF716C0E29F0BBD4B690EFD9D6DDA08CE393D85FCE5FEA87857A6BC13B54B2E8A583CCE4105269E989703359D231715363D61BE7ED76E320F21EB334E452070ACE84 ;Kabel Deutschland (23.5°E)

N 1101 X1 03;

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N 1102 00 F8780ECD862D143B9B23ECFFCBB872A4 ;UnityMedia Cable TV

N 1102 01 FAD9E99827B3D66B624FA382E52615E1 ;UnityMedia Cable TV

N 1102 M1 C75C2FECF494F6DD71BBF898C63F7FEBA11345DF14C71EE656BC23016C2F90A881429B82A68C095E472C997752D5890341CF9E06691672482718750B918AAE92 ;UnityMedia Cable TV

N 1102 X1 03;

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N 2111 00 70139ba32fa253375994199bb50657ff ;Digi TV Cable

N 2111 01 10F5DB01646FD8852C0BCCA160F0B337 ;Digi TV Cable

N 2111 M1 7508665801DC6815F8DF965641A8C27CAE056ED0249CF60F60DEDD75A3A84D486E85285220F133439F038BFE54975543C8DFC4205067985E5CDAD7ABA4CF48A7 ;Digi TV Cable

N 2111 X1 03;

;

N 7301 00 849CA94081EDA1FC8E00276B7CE6B1DA ;SWISS (Cable TV)

N 7301 01 0FB734E293321319BD182AC6C03CB408 ;SWISS (Cable TV)

N 7301 M1 7544E982065D53E7CF049AF2E725544A50268DA1462F15D8A197ECE4B80FE221122F92AD56324380A04878EBF563427DD85C38645907583E23AC5153E300CF84 ;

N 7301 X1 03;

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N 7306 00 B2525A6D2DCF31C220374A58DEBC07B0 ;TELEPHONICA

N 7306 01 FA571257882F518B4706BD1C77831731 ;TELEPHONICA

N 7306 3D 6F495A47D671AA320131DFACC9997876 ;EMM 3DES

N 7306 M1 DF08773528CFC8931B02821FE92CB98870412159AACCFF06F02058E7B58B2910436532607965B585679B01310C746D05B6769D0A20FFB844B2551D923D3E8680 ;

N 7306 X1 03;

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N 7311 00 EFC2D55A72019C9C2EABF1EE754AB134 ;TELEPHONICA

N 7311 01 54A3C51018EEDA365D0D4017AEC20FB9 ;TELEPHONICA

N 7311 3D 6F495A47D671AA320131DFACC9997876 ;EMM 3DES

N 7311 M1 DF08773528CFC8931B02821FE92CB98870412159AACCFF06F02058E7B58B2910436532607965B585679B01310C746D05B6769D0A20FFB844B2551D923D3E8680 ;

N 7311 X1 03;

;

N 9501 00 1ACEE6A612C5686520143A80531363DC ;HONG KONG CABL 138°E

N 9501 01 3E4F0953BDDD3FE903EB7DECCD48E020 ;HONG KONG CABL 138°E

N 9501 M1 FB28FBD72F24F8472C7B51EE0662804096552A352D3D5CB0C0D7D0CFF430C8F898DC3240D0A55597BF99E47478A0172A691CB79043EDA7FE986177C873CD4385 ;

N 9501 X1 03;

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#\*#\*#\*#\*#\*#\*#\*#\*# CRYPTOWORKS Providers #\*#\*#\*#\*#\*#\*#\*#\*#

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W 0D0304 00 000000000000000019E8F524C6C053E4 ;Skylink (23.5°E)

W 0D0304 01 00000000000000001B94CAED06000154 ;Skylink (23.5°E)

W 0D0304 06 27B488348D54 ;Skylink (23.5°E)

W 0D0304 B0 59D7524B66CBE05F2A550BA8D1E4635BFBF8CEC3609887E12122F66ECDD1AA1BAD5F706A2EF1E5BB6C7801FC624B29DC644CB0754DB7F590ADA3201D9F640080 ;RSA Key

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W 0D0504 00 A9D732F5E738E48A91C8638B12746661 ; ORF(19.2E)

W 0D0504 06 0987CF2A611D ; CardSystem Key

W 0D0504 B0 CD88AC4994577E0671A88D65C42476B162EDD843303821429B14B05CD12FC92CD0A8D3DCEBD2D267D81B0A1AD08EF180ED8A4D59FF4D9C619305095AE0D10080 ;ORF(19.2E)

W 0D0504 80 D0B2E2DCC581F4DE71BD69845F67229B ; ORF(19.2E)

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W 0D0510 00 00006AB325E6ABF4DA47280F35294B5C ; AustriaSat (19.2°E)

W 0D0510 01 00006AB325E6ABF4DA47280F35294B5C ; AustriaSat (19.2°E)

W 0D0510 06 0987CF2A611D ; CardSystem Key

W 0D0510 B0 59720F3F1B74A4DBF726446CCBEEAB49A96EF2D20840A21F1C0BD72913E63C97EA3BE2F04D3D27DA1FBFC5BDAD5D9849501F83D3C20CF984C01F72E038A40080 ;AustriaSat 19.2°E

W 0D0510 80 D0B2E2DCC581F4DE71BD69845F67229B ; AustriaSat 19.2°E

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W 0D050C 00 00006AB325E6ABF4DA47280F35294B5C ; AustriaSat (19.2°E)

W 0D050C 01 00006AB325E6ABF4DA47280F35294B5C ; AustriaSat (19.2°E)

W 0D050C 06 0987CF2A611D ; CardSystem Key

W 0D050C B0 9D965D72432AA51186BD0C98CBFEB749D0788C6F37933DB2FAEDEFCB473E3DF30934DA04447394F955D1CA473B2501C7AC0A7EC0F43AFDB7EFC20B17E1F40080 ;RSA Key

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W 0D02A0 00 307249C2E6CA1BFC698C79B4C64E810C ; UCP Direct (0.8W)

W 0D02A0 01 FD4FD691F6A2C6992E240B8C36791284 ; UCP Direct (0.8W)

W 0D02A0 06 C4FFB330795B ;CardSystem Key

W 0D02A0 B0 816C84602F6B10BE2BF52D0C7E9F8DD04585AF233C3E68B908329308074FBC3D97E4E352B8A0490C0E8BB7428E015792057560605284D3C489838DCB35670080 ;RSA Key

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W 0D00C0 00 22ECB8B24385C3B2941EF7ECC2B54A09 ;Digiturk (7.0°E)

W 0D00C0 01 C0C68655B63304085B5F722DD471FE27 ;Digiturk (7.0°E)

W 0D00C0 06 015612E8EE33 ;CardSystem Key

W 0D00C0 B0 9D5F83A2D84C03F100AAF72498AD74B89995794D8F2882DD5FDE26EBB10A504E78765E4D595ED4D7202E0E002F41028BCDAF4569FE27B53F0ACF2D9063960080 ;RSA Key

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#\*#\*#\*#\*#\*#\*#\*#\*# PowerVu #\*#\*#\*#\*#\*#\*#\*#\*#

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P 8FC0 00 0123456789ABCD ; AP Turkey HD 4.8°E 12322-V-27500

P 2BC0 00 0123456789ABCD ; Discovery Bulgaria 4.8°E 12322-V-27500

P 0650 00 0123456789ABCD ; Discovery Czech/Slovak 4.8°E 12322-V-27500

P 0660 00 0123456789ABCD ; Discovery Hungary AD 4.8°E 12322-V-27500

P 0640 00 0123456789ABCD ; Discovery Hungary/Czech 4.8°E 12322-V-27500

P 12C0 00 0123456789ABCD ; Discovery Romania 4.8°E 12322-V-27500

P 12D0 00 0123456789ABCD ; Discovery Romania (Hun Only) 4.8°E 12322-V-27500

P 3840 00 0123456789ABCD ; Discovery Ukraine 4.8°E 12322-V-27500

P 44C0 00 0123456789ABCD ; DSFT 4.8°E 12322-V-27500

P 0C80 00 0123456789ABCD ; ID Hungary HD 4.8°E 12322-V-27500

P 1F40 00 0123456789ABCD ; Science Poland 4.8°E 12322-V-27500

P 9600 00 0123456789ABCD ; Science Turkey HD 4.8°E 12322-V-27500

P 3200 00 0123456789ABCD ; TLC Balkans 4.8°E 12322-V-27500

P 3210 00 0123456789ABCD ; TLC Balkans (Eng Only) 4.8°E 12322-V-27500

P 3E80 00 0123456789ABCD ; TLC Hungary HD 4.8°E 12322-V-27500

P CE40 00 0123456789ABCD ; TLC Pan Regional 4.8°E 12322-V-27500

P CE70 00 0123456789ABCD ; TLC Pan Regional Czech/Slovak 4.8°E 12322-V-27500

P CE50 00 0123456789ABCD ; TLC Pan Regional Hungarian 4.8°E 12322-V-27500

P CE90 00 0123456789ABCD ; TLC Pan Regional Portuguese 4.8°E 12322-V-27500

P CE60 00 0123456789ABCD ; TLC Pan Regional Russian 4.8°E 12322-V-27500

P 1900 00 0123456789ABCD ; TLC Ukraine 4.8°E 12322-V-27500

P 2580 00 0123456789ABCD ; Turbo Xtra Poland 4.8°E 12322-V-27500

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P 0C90 00 3AAB2C9D1A23BB ; True Movies 1 4.8°E 12303-H-25546

P 0010 00 3AAB2C9D1A23BB ; Bootstrap Master 4.8°E 12303-H-25546

P 0050 00 3AAB2C9D1A23BB ; Software Update (Radio) 4.8°E 12303-H-25546

P 1640 00 3AAB2C9D1A23BB ; CN/TCM RSEE 4.8°E 12303-H-25546

P 1650 00 3AAB2C9D1A23BB ; CN TCM Russia 4.8°E 12303-H-25546

P 1660 00 3AAB2C9D1A23BB ; CN/TCM English 4.8°E 12303-H-25546

P 1F50 00 3AAB2C9D1A23BB ; Diva Romania 4.8°E 12303-H-25546

P 2620 00 3AAB2C9D1A23BB ; Diva Romania 4.8°E 12303-H-25546

P 1F60 00 3AAB2C9D1A23BB ; Universal HUNGARY 4.8°E 12303-H-25546

P 26C0 00 3AAB2C9D1A23BB ; Universal CROATIA-SLOVENIA 4.8°E 12303-H-25546

P 26D0 00 3AAB2C9D1A23BB ; Universal HUNGARY 4.8°E 12303-H-25546

P 26F0 00 3AAB2C9D1A23BB ; Universal HUNGARY 4.8°E 12303-H-25546

P 2700 00 3AAB2C9D1A23BB ; Universal CZECH-SLOVAK 4.8°E 12303-H-25546

P 6A40 00 3AAB2C9D1A23BB ; AHPL HD 4.8°E 12303-H-25546

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P 0140 01 3AB2AAFA1AB2D2 ; CORAL TV1 PVU4 4.8°E 12149-H-27500

P 01D0 01 3AB2AAFA1AB2D2 ; CORAL TV1 SIS DATA PVU4 4.8°E 12149-H-27500

P 0170 01 3AB2AAFA1AB2D2 ; CORAL TV2 PVU6 4.8°E 12149-H-27500

P 0420 01 3AB2AAFA1AB2D2 ; Ladbrokes 1-PVU3 4.8°E 12149-H-27500

P 0560 01 3AB2AAFA1AB2D2 ; SIS 2 GFX PVU7 4.8°E 12149-H-27500

P 0580 01 3AB2AAFA1AB2D2 ; LADBROKES XTRA PVU5 4.8°E 12149-H-27500

P 05C0 01 3AB2AAFA1AB2D2 ; SPANISH - PVU2 4.8°E 12149-H-27500

P 06C0 01 3AB2AAFA1AB2D2 ; SIS MK Test PVU8 4.8°E 12149-H-27500

P 0780 01 3AB2AAFA1AB2D2 ; Alphameric Studio and SIS+ (PVU1) 4.8°E 12149-H-27500

P 1900 01 3AB2AAFA1AB2D2 ; SIS+ (PVU1) 4.8°E 12149-H-27500

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P 00A0 01 F8A766ED7F0B95 ; Animal Planet Europe 4.8°E 12226-H-25540

P 00B0 01 F8A766ED7F0B95 ; Animal Planet Europe 4.8°E 12226-H-25540

P 00C0 01 F8A766ED7F0B95 ; Animal Planet Europe 4.8°E 12226-H-25540

P 00D0 01 F8A766ED7F0B95 ; Animal Planet Europe 4.8°E 12226-H-25540

P 00E0 01 F8A766ED7F0B95 ; Animal Planet Europe 4.8°E 12226-H-25540

P 00F0 01 F8A766ED7F0B95 ; Animal Planet Europe 4.8°E 12226-H-25540

P 0100 01 F8A766ED7F0B95 ; Animal Planet Europe DVB 4.8°E 12226-H-25540

P 0140 01 F8A766ED7F0B95 ; Discovery Central Europe 4.8°E 12226-H-25540

P 0150 01 F8A766ED7F0B95 ; Discovery Central Europe 4.8°E 12226-H-25540

P 0160 01 F8A766ED7F0B95 ; Discovery Central Europe 4.8°E 12226-H-25540

P 0170 01 F8A766ED7F0B95 ; Discovery Central Europe 4.8°E 12226-H-25540

P 0180 01 F8A766ED7F0B95 ; Discovery Central Europe 4.8°E 12226-H-25540

P 06E0 01 F8A766ED7F0B95 ; Discovery Life Poland 4.8°E 12226-H-25540

P 06F0 01 F8A766ED7F0B95 ; Discovery Life Poland 4.8°E 12226-H-25540

P 0710 01 F8A766ED7F0B95 ; Discovery Life Poland 4.8°E 12226-H-25540

P 0320 01 F8A766ED7F0B95 ; Discovery Middle East 4.8°E 12226-H-25540

P 0330 01 F8A766ED7F0B95 ; Discovery Middle East 4.8°E 12226-H-25540

P 0340 01 F8A766ED7F0B95 ; Discovery Middle East 4.8°E 12226-H-25540

P 0460 01 F8A766ED7F0B95 ; Discovery Poland 4.8°E 12226-H-25540

P 0470 01 F8A766ED7F0B95 ; Discovery Poland 4.8°E 12226-H-25540

P 3840 01 F8A766ED7F0B95 ; Discovery Ukraine (rus) 4.8°E 12226-H-25540

P 0660 01 F8A766ED7F0B95 ; Discovery World 4.8°E 12226-H-25540

P 0640 01 F8A766ED7F0B95 ; Discovery World 4.8°E 12226-H-25540

P 0670 01 F8A766ED7F0B95 ; Discovery World 4.8°E 12226-H-25540

P 06A0 01 F8A766ED7F0B95 ; Discovery World Czech 4.8°E 12226-H-25540

P 0680 01 F8A766ED7F0B95 ; Discovery World DVB Test 4.8°E 12226-H-25540

P 0690 01 F8A766ED7F0B95 ; Discovery World Turkish 4.8°E 12226-H-25540

P 01E0 01 F8A766ED7F0B95 ; ID Europe (ENG,POL,HUN,RUS) 4.8°E 12226-H-25540

P 01F0 01 F8A766ED7F0B95 ; ID Europe (ENG,POL) 4.8°E 12226-H-25540

P 0200 01 F8A766ED7F0B95 ; ID Europe (ENG,HUN) 4.8°E 12226-H-25540

P 0210 01 F8A766ED7F0B95 ; ID Europe (ENG,RUS) 4.8°E 12226-H-25540

P 0250 01 F8A766ED7F0B95 ; ID Europe (ENG,ARA) 4.8°E 12226-H-25540

P 0220 01 F8A766ED7F0B95 ; ID Europe Nordic Subs (ENG,RUS) 4.8°E 12226-H-25540

P 0240 01 F8A766ED7F0B95 ; ID Europe Nordic Subs DVB (ENG,RUS) 4.8°E 12226-H-25540

P 0230 01 F8A766ED7F0B95 ; ID Europe Turkish (ENG,TUR) 4.8°E 12226-H-25540

P 0280 01 F8A766ED7F0B95 ; ID Xtra Europe (ENG,HUN,RUS,TUR) 4.8°E 12226-H-25540

P 0290 01 F8A766ED7F0B95 ; ID Xtra Europe (ENG,BUL,CZE,SLO) 4.8°E 12226-H-25540

P 02B0 01 F8A766ED7F0B95 ; ID Xtra Europe Russian (ENG,RUS) 4.8°E 12226-H-25540

P 02A0 01 F8A766ED7F0B95 ; ID Xtra Europe Hungarian 4.8°E 12226-H-25540

P 02C0 01 F8A766ED7F0B95 ; ID Xtra Europe Turkish 4.8°E 12226-H-25540

P 05A0 01 F8A766ED7F0B95 ; Science Europe 4.8°E 12226-H-25540

P 05C0 01 F8A766ED7F0B95 ; Science Europe 4.8°E 12226-H-25540

P 05D0 01 F8A766ED7F0B95 ; Science Europe 4.8°E 12226-H-25540

P 0600 01 F8A766ED7F0B95 ; Science Europe Czech 4.8°E 12226-H-25540

P 05E0 01 F8A766ED7F0B95 ; Science Europe DVB Test 4.8°E 12226-H-25540

P 05F0 01 F8A766ED7F0B95 ; Science Europe Turkish 4.8°E 12226-H-25540

P 1900 01 F8A766ED7F0B95 ; TLC Ukraine 4.8°E 12226-H-25540

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P 0040 01 3AB2AAFA1AB2D2 ; VBC TEMP 4.8°E 12418-H-27500

P 00B0 01 3AB2AAFA1AB2D2 ; SIS VISION AUDIO & VBI CISC01 4.8°E 12418-H-27500

P 0210 01 3AB2AAFA1AB2D2 ; LADBROKES SIS LES2 CISC01 4.8°E 12418-H-27500

P 0270 01 3AB2AAFA1AB2D2 ; LADBROKES SIS DATA 4.8°E 12418-H-27500

P 0310 01 3AB2AAFA1AB2D2 ; BETFRED TOTE 2 CISC01 4.8°E 12418-H-27500

P 0350 01 3AB2AAFA1AB2D2 ; WILLIAM HILL IP CLEAR CISC06 4.8°E 12418-H-27500

P 03B0 01 3AB2AAFA1AB2D2 ; WILLIAM HILL SIS DATA CISC06 4.8°E 12418-H-27500

P 05A0 01 3AB2AAFA1AB2D2 ; SIS EUROPE CISCO2 4.8°E 12418-H-27500

P 05B0 01 3AB2AAFA1AB2D2 ; SIS EUROPE (NO DATA) CISCO 2 4.8°E 12418-H-27500

P 05C0 01 3AB2AAFA1AB2D2 ; SPANISH PVU2 4.8°E 12418-H-27500

P 0730 01 3AB2AAFA1AB2D2 ; TEST CHANNEL CISCE1 4.8°E 12418-H-27500

P 07A0 01 3AB2AAFA1AB2D2 ; ALPHAMERIC UK CISCN1 4.8°E 12418-H-27500

P 07B0 01 3AB2AAFA1AB2D2 ; ALPHAMERIC IR CISCI1 4.8°E 12418-H-27500

P 0910 01 3AB2AAFA1AB2D2 ; BOYLES SPORTS CISCZ1 4.8°E 12418-H-27500

P 0930 01 3AB2AAFA1AB2D2 ; NEW BOYLES SP CISC91 4.8°E 12418-H-27500

P 0A00 01 3AB2AAFA1AB2D2 ; BETFRED TOG CISCO3 4.8°E 12418-H-27500

P 0A20 01 3AB2AAFA1AB2D2 ; BETFRED TV (TTV) CISCO4 4.8°E 12418-H-27500

P 0A30 01 3AB2AAFA1AB2D2 ; BETFRED VIRTUAL CISCO5 4.8°E 12418-H-27500

P 0A80 01 3AB2AAFA1AB2D2 ; BETFRED SIS CISCO1 4.8°E 12418-H-27500

P 0A90 01 3AB2AAFA1AB2D2 ; ALT VC 168 4.8°E 12418-H-27500

P 12E0 01 3AB2AAFA1AB2D2 ; SIS UK CISCO1 4.8°E 12418-H-27500

P 1B10 01 3AB2AAFA1AB2D2 ; Test CISCO1 4.8°E 12418-H-27500

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P 0010 01 9E83D4513F3B23 ; Sports 9.0°E 11804-V-27500

P 0020 01 9E83D4513F3B23 ; Atlantic 9.0°E 11804-V-27500

P 0030 01 9E83D4513F3B23 ; Spectrum 9.0°E 11804-V-27500

P 0040 01 9E83D4513F3B23 ; Pacific 9.0°E 11804-V-27500

P 0050 01 9E83D4513F3B23 ; News 9.0°E 11804-V-27500

P 0060 01 9E83D4513F3B23 ; Xtra 9.0°E 11804-V-27500

P 0070 01 9E83D4513F3B23 ; Guide 9.0°E 11804-V-27500

P 0090 01 9E83D4513F3B23 ; Fam/Pulse 9.0°E 11804-V27500

P 00A0 01 9E83D4513F3B23 ; Movie 9.0°E 11804-V-27500

P 00B0 01 9E83D4513F3B23 ; HD SPORTS 9.0°E 11804-V-27500

P 0140 01 9E83D4513F3B23 ; PowerTalk 9.0°E 11804-V-27500

P 0630 01 9E83D4513F3B23 ; Download 9.0°E 11804-V-27500

P 06B0 01 9E83D4513F3B23 ; Decoder Expired 9.0°E 11804-V-27500

P 22B0 01 9E83D4513F3B23 ; Guide 9.0°E 11766-V-27500

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P 4740 00 704FEECEA3B8EC ; E! EEUR HD 9.0°E 12092-H-27500

P E380 00 704FEECEA3B8EC ; E! EEUR HD 9.0°E 12092-H-27500

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P 0090 01 5A907D39EAD7FF ; BCC TV1 9.0°E 11823-H-27500

P 00A0 01 5A907D39EAD7FF ; BCC TV2 9.0°E 11823-H-27500

P 00B0 01 5A907D39EAD7FF ; BCC TV1&2 9.0°E 11823-H-27500

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P F861 00 A32DAF372A9E8F ; bwtv 13E 11054-H-27500

P F871 00 A32DAF372A9E8F ; Radio Andernach 13E 11054-H-27500

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P 0040 00 0123456789ABCD ; SNAI TV Virtuali1 16.0°E 12699-H-9880

P 0070 00 0123456789ABCD ; SNAI TV Virtuali1 16.0°E 12699-H-9880

P 02C0 00 0123456789ABCD ; SNAI TV Virtuali1 16.0°E 12699-H-9880

P 04D0 00 0123456789ABCD ; AUDIO UNICO 16.0°E 12699-H-9880

P 0580 00 0123456789ABCD ; prove 16.0°E 12699-H-9880

P 0050 00 0123456789ABCD ; CH 5 Virtuali2 16.0°E 12699-H-9880

P 0370 00 0123456789ABCD ; CH 55 Virtuali3 16.0°E 12699-H-9880

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P 0010 01 8C0993635C22EA ; UNIRE 1 GRIGIO 16.0°E 12654-H-11111

P 0020 01 8C0993635C22EA ; UNIRE 2 VERDE 16.0°E 12654-H-11111

P 0020 01 8C0993635C22EA ; CH 10 UNIRE BLU 16.0°E 12654-H-11111

;

P F861 00 A32DAF372A9E8F ; bwtv 57.0°E 11007-V-4880

P F871 00 A32DAF372A9E8F ; Radio Andernach 57.0°E 11007-V-4880

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P 0010 01 679352FC3DEDF4 ; Fox News HD 0.8°W 12380-V-28000

P 0020 01 679352FC3DEDF4 ; TLC Balkans 0.8°W 12380-V-28000

P 0030 01 679352FC3DEDF4 ; TLC Balkans 0.8°W 12380-V-28000

P 0020 01 679352FC3DEDF4 ; UNI CZSK 0.8°W 12380-V-28000

;

P 5140 01 0123456789ABCD ; Historia Poland 0.8°W 12303-V-27500

P C1C0 01 0123456789ABCD ; TLC Poland HD 0.8°W 12303-V-27500

P A280 01 0123456789ABCD ; Animal Planet HD 0.8°W 12303-V-27500

P A2E0 01 0123456789ABCD ; (Discovery-Networks-Europe) Animal Planet HD 0.8°W 12303-V-27500

P A2B0 01 0123456789ABCD ; Animal Planet HD Czech 0.8°W 12303-V-27500

P A2D0 01 0123456789ABCD ; Animal Planet HD Hungarian 0.8°W 12303-V-27500

P A290 01 0123456789ABCD ; Animal Planet HD Polish 0.8°W 12303-V-27500

P A2A0 01 0123456789ABCD ; Animal Planet HD Russia 0.8°W 12303-V-27500

P A2C0 01 0123456789ABCD ; Animal Planet HD Turkish 0.8°W 12303-V-27500

P 9C70 01 0123456789ABCD ; Discovery HD Czech 0.8°W 12303-V-27500

P 9C50 01 0123456789ABCD ; Discovery HD Czech/Hungarian 0.8°W 12303-V-27500

P 9C60 01 0123456789ABCD ; Discovery HD Russia 0.8°W 12303-V-27500

P 9C40 01 0123456789ABCD ; Discovery HD Showcase Europa 0.8°W 12303-V-27500

P 9CA0 01 0123456789ABCD ; DISCOVERY HD SHOWECASE EUROPA 0.8°W 12303-V-27500

P 9C80 01 0123456789ABCD ; Discovery HD Turkish 0.8°W 12303-V-27500

P 5780 01 0123456789ABCD ; Discovery Iberia 0.8°W 12303-V-27500

P AF00 01 0123456789ABCD ; Discovery Poland HD 0.8°W 12303-V-27500

P 57A0 01 0123456789ABCD ; Discovery Portugal 0.8°W 12303-V-27500

P 5790 01 0123456789ABCD ; Discovery Spain 0.8°W 12303-V-27500

P 9C90 01 0123456789ABCD ; Discovery HD Hungarian 0.8°W 12303-V-27500

P A8C0 01 0123456789ABCD ; ID Xtra Europe HD 0.8°W 12303-V-27500

P A8D0 01 0123456789ABCD ; ID Xtra Europe HD 0.8°W 12303-V-27500

P 7080 01 0123456789ABCD ; ID Xtra Russia 0.8°W 12303-V-27500

P BB80 01 0123456789ABCD ; Turbo Xtra HD 0.8°W 12303-V-27500

P C800 01 0123456789ABCD ; Science Europe HD 0.8°W 12303-V-27500

P C810 01 0123456789ABCD ; Science Europe HD Hungarian 0.8°W 12303-V-27500

P C830 01 0123456789ABCD ; Science Europe HD Russia 0.8°W 12303-V-27500

P C820 01 0123456789ABCD ; Science Europe HD Turkish 0.8°W 12303-V-27500

P C840 01 0123456789ABCD ; Science EUROPE HD CZECH 0.8°W 12303-V-27500

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P 1FE0 00 3BF95F79BBFB17 ; The Fight Network (15W 11611H)

P 1FE0 01 68CFC78AB297C0 ; The Fight Network (15W 11611H)

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#\*#\*#\*#\*#\*#\*#\*#\*# MGCAMD BISS Providers #\*#\*#\*#\*#\*#\*#\*#\*#

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B 1FFF 03954:03850:V A6B7C825D91011FA #SBS (166.0°E)

B 1FFF 04148:04000:V AAAA186C18DDDDD2 #TVNZ ENC 3 (166.0°E)

B 1FFF 03950:04614:V 9105345621310000 #MBC 2 TV (166.0°E)

B 1FFF 03577:04285:R 0327020010625100 #GTRK Magadan (140.0°E)

B 1FFF 03589:04340:R 0327020010625100 #GTRK Amur (140.0°E)

B 1FFF 03608:04340:R 0327020010625100 #GTRK Kamchatka (140.0°E)

B 1FFF 03627:04240:R 0327020010625100 #GTRK Sakha (140.0°E)

B 1FFF 03632:04340:R 0327020010625100 #GTRK Vladivosto(140.0°E)

B 1FFF 04180:04340:R 0327020010625100 #GTRK Sakhalin (140.0°E)

B 1FFF 03467:12581:R 0327020010625100 #Rossiya1 +6h&Rossiy2(140.0°E)

B 1FFF 03675:33483:R 0327020010625100 #Rossiya1 +6h&+8h(140.0°E)

B 1FFF 03675:33483:R 260839671204384E #Rossiya 2 Sport(140.0°E)

B 1FFF 02685:03300:V 886226105615016C #TVB S (138.0°E)

B 1FFF 12681:04285:V 886226105615016C #TVB 8 HD (138.0°E)

B 1FFF 03734:02222:H 875465402663911A #GMA (138.0°E)

B 1FFF 03872:04290:H FFEEDDCACCBBAA31 #GEM TV (138.0°E)

B 1FFF 04042:03227:H A1BC2380DEF45628 #AniPlus HD (138.0°E)

B 1FFF 03948:08032:V 13FDE6F6A8CEA71D #AniPlus HD (138.0°E)

B 1FFF 03756:06250:H 00102030960118AF #SCTV (113E)

B 1FFF 03747:06250:H 00102030960118AF #SCTV (113E)

B 1FFF 03747:06250:H 0008192193030298 #INDOSIAR (113E)

B 1FFF 03747:06250:H 0206242C58031671 #LIVE FEED (113E)

B 1FFF 03765:05555:H 2408194562200420 #TVRI Nasional (113E)

B 1FFF 04108:06400:V 085585E2505000A0 #Net Media TV (113E)

B 1FFF 03980:29900:V 12AB34F1CD56EF12 #Arjuna TV (113E)

B 1FFF 03980:29900:V 12345678ABCDEF21 #Mio TV Singapore (113E)

B 1FFF 03980:29900:V ABCDEF0012345678 #EDU Channel&NAB TV (113E)

B 1FFF 03860:04330:V 2408194562200420 #B Channel (113E)

B 1FFF 03765:05555:H 2408194562200420 #TVRI Nasional (113E)

B 1FFF 03934:06500:H AB2291CD29F93EEF #Global TV (113E)

B 1FFF 04184:06700:V 1177AB33BA771142 #MNC TV (113E)

B 1FFF 04109:05926:H 12AB34F156EF78BD #Myawady TV (113E)

B 1FFF 12731:28200:H 675435F0675435F0 #TV Chosun (113E)

B 1FFF 12731:28200:H 7899879878998798 #AniPlus (113E)

B 1FFF 12731:28200:H 2233116622331166 #Sky Movie (113E)

B 1FFF 12731:28200:H 1231236612312366 #FSTV (113E)

B 1FFF 12731:28200:H 3213216632132166 #Sang S TV (113E)

B 1FFF 12411:11110:V 4005246940052469 #Zamjari 2 (108.2°E)

B 1FFF 12411:11110:V 3214418732144187 #Zamjari 1 (108.2°E)

B 1FFF 04015:06000:H 5C218704DFABC953 #ANTV (108.0°E)

B 1FFF 04086:06000:H 2A2BF54A53D35177 #Trans TV (108.0°E)

B 1FFF 03990:06000:H 1231236612312366 #Trans 7 (108.0°E)

B 1FFF 03972:02100:H 1234569C789ABCCE #KBS World (108.0°E)

B 1FFF 03711:11395:V D2345A60BC678FB2 #BTV National (105.5°E)

B 1FFF 03745:06111:V 2127256d646411D9 #Olympic FEED (105.5°E)

B 1FFF 03675:33483:R 0327022C106251C3 #Rossiya1 +6h&+8h(103.0°E)

B 1FFF 03975:16200:R 0327022C106251C3 #Rossiya1 +6h&Rossiy2(103.0°E)

B 1FFF 04040:29718:H 1704607B4197370F #Edge Sports HD (100.5°E)

B 1FFF 03905:05632:V 1111111111111111 #FA Cup China (100.5°E)

B 1FFF 04148:11852:V 1185AA40AA2020EA #Barsa Pal Main (100.5°E)

B 1FFF 04143:03210:R 69A42E3B10000010 #TRV Muji (96.5°E)

B 1FFF 10980:03200:H 0327022C106251C3 #GTRK Tomsk (96.5°E)

B 1FFF 04175:03294:R 0327022C106251C3 #GTRK Krasnoyars (96.5°E)

B 1FFF 04114:04285:R 0327022C106251C3 #TRK Irkutsk (96.5°E)

B 1FFF 04108:04275:R 0327022C106251C3 #GTRK Buryatiya (96.5°E)

B 1FFF 03843:03200:R 0327022C106251C3 #GTRK Kurganskay (96.5°E)

B 1FFF 03838:03230:R 0327022C106251C3 #GTRK Perm (96.5°E)

B 1FFF 03817:04270:R 0327022C106251C3 #GTRK Altai (96.5°E)

B 1FFF 03758:04340:R 0327022C106251C3 #GTRK Novosibirs (96.5°E)

B 1FFF 03675:33483:R 0327022C106251C3 #Rossiya 1 (96.5°E)

B 1FFF 03875:31900:R 0327022C106251C3 #Rossia 1 (+6)(+8)(96.5°E)

B 1FFF 10979:40000:V 2AD0534D892207B2 #IPM (95.0°E)

B 1FFF 11039:45000:V 2AD0534D892207B2 #IPM (95.0°E)

B 1FFF 11481:45000:H 2AD0534D892207B2 #IPM HD (95.0°E)

B 1FFF 11542:45000:H 2AD0534D892207B2 #IPM HD (95.0°E)

B 1FFF 11635:27500:H 2AD0534D892207B2 #IPM (95.0°E)

B 1FFF 03786:07200:V AABBCC00DD012300 #TV 3 Malaysia (91.5°E)

B 1FFF 03876:12525:V 1234569C789ABCCE #RTM 2 (91.5°E)

B 1FFF 03886:05859:L A00002A209300942 #KAZsport (90.0°E)

B 1FFF 04148:11852:V A260696B7182988B #TV Yug Don (90.0°E)

B 1FFF 03576:08330:R C12345006789AB00 #CTC+7 (90.0°E)

B 1FFF 03576:08330:R D12345006789AB00 #HOME+7 (90.0°E)

B 1FFF 11057:26470:V D12345006789AB00 #Domashniy +7 (90.0°E)

B 1FFF 11092:26470:V D12345006789AB00 #Domashniy +4 (90.0°E)

B 1FFF 03582:04275:L 0327022C106251C3 #GTRK Chita (90.0°E)

B 1FFF 03594:04275:L 0327022C106251C3 #GTRK BiraI (90.0°E)

B 1FFF 03729:04285:L 0327022C106251C3 #DVTRK Dalnevostochnaya(90.0°E)

B 1FFF 03918:04275:L 0327022C106251C3 #GTRK El Altai (90.0°E)

B 1FFF 03923:03570:L 0327022C106251C3 #Telekan Rossiy Tver (90.0°E)

B 1FFF 03761:10050:R 0327022C106251C3 #Rossia 1 (+4)(90.0°E)

B 1FFF 03761:10050:R 2608396712043811 #Rossia 2 (90.0°E)

B 1FFF 03645:28000:L 2608396712043811 #Rossiya2RTRSport(90.0°E)

B 1FFF 11057:26470:V C12345006789AB00 #STS 7+h (90.0°E)

B 1FFF 11092:26470:V C12345006789AB00 #STS 4+h (90.0°E)

B 1FFF 03588:12500:H 1111113311111133 #SCC TV3 (88.0°E)

B 1FFF 12040:28800:H 1234560012345600 #Mir Belogorje radio (85.1°E)

B 1FFF 12600:30000:V C12345006789AB00 #STS 0 (85.0°E)

B 1FFF 12600:30000:V D12345006789AB00 #HOME-7 (85.0°E)

B 1FFF 12600:30000:V ABC1238F45678935 #Peretz-0 (85.0°E)

B 1FFF 11840:28800:H C12345006789AB00 #STS 0h & +2h (85.0°E)

B 1FFF 11840:28800:H ABC1238F45678935 #Peretz 0h & +2h (85.0°E)

B 1FFF 11840:28800:H D12345006789AB00 #Domashnij Telekanal 0h & +2h (85.0°E)

B 1FFF 04042:07420:V 0404040C404040C0 #Tamil Box Office (83.0°E)

B 1FFF 11960:28800:H BABABA2EBABABA2E #Test Bryansk (85.2E)

B 1FFF 03675:33483:R 0327022C106251C3 #Rossiy1&Ro+2h(80.0°E)

B 1FFF 03607:02893:R 0327022C106251C3 #(80.0°E)

B 1FFF 03611:02893:R 0327022C106251C3 #GTRK Dagestan(80.0°E)

B 1FFF 03615:02479:R 0327022C106251C3 #(80.0°E)

B 1FFF 03619:02479:R 0327022C106251C3 #(80.0°E)

B 1FFF 03622:02893:R 0327022C106251C3 #GTRK Orenburg(80.0°E)

B 1FFF 03629:02479:R 0327022C106251C3 #GTRK Udmurtiya(80.0°E)

B 1FFF 03633:02893:R 0327022C106251C3 #GTRK Vyatka(80.0°E)

B 1FFF 03641:02893:R 0327022C106251C3 #GTRK Komy Gor(80.0°E)

B 1FFF 03785:02893:R 0327022C106251C3 #GTRK Elista(80.0°E)

B 1FFF 03875:32000:R 6BA1E5F174BBCAF9 #Disney +7h (80.0°E)

B 1FFF 12272:30000:V 1DF80D22D4B0CD51 #Samrujlok (78.5E)

B 1FFF 12272:30000:V 0A478CDDE27CA200 #Khongdee (78.5E)

B 1FFF 12272:30000:V 998786A6C1DCF895 #MySci (78.5E)

B 1FFF 12272:30000:V 4F8383653903F834 #Lao Star (78.5E)

B 1FFF 03917:24000:V 224466CC664422CC #Amarin TV HD/TV Animal (78.5E)

B 1FFF 03585:30000:V 1111111111111111 #TST5/Next/SEXY Channel (78.5E)

B 1FFF 03585:30000:V B093387BA7A93B8B #Sexy Women TV (78.5E)

B 1FFF 03546:30000:V 1111111111111111 #PlayBoy TV On MAN TV 78.5E)

B 1FFF 03920:30000:H B093387BA7A93B8B #Loca TV (78.5E)

B 1FFF 04160:30000:V ADBC127B98675453 #GMM One & Gth on Air (78.5E)

B 1FFF 03760:30000:H 1111113311111133 #Fanoke-Club & Nick JR (78.5E)

B 1FFF 03920:30000:V 8888888888888888 #Fox Movies Premium HD (78.5E)

B 1FFF 03920:30000:V 2222226622222266 #Nat Geo HD (78.5E)

B 1FFF 12657:30000:V 18A68F4D015E7FDE #Sun Channel HD (78.5E)

B 1FFF 03418:03333:V EB214F5BA6C2A70F #Asia Update TV (78.5E)

B 1FFF 03414:02916:V 4EA63C30BE1EB995 #Lao Star TV (78.5E)

B 1FFF 04120:30000:H 1111113311111133 #Boomerang Thailand (78.5E)

B 1FFF 12717:30000:V 1111113311111133 #Boomerang Thailand (78.5E)

B 1FFF 03764:05900:V 701FEE7D1BFAB0C5 #BBTV CH 7 (78.5E)

B 1FFF 03480:30000:H 1234569C789AAABC #Asian Food Channel (78.5E)

B 1FFF 03703:01428:V 999777A7555333DB #MCOT 1 (78.5E)

B 1FFF 03451:01085:V 1A8EFEA6707ED9C7 #RU TV 2 (78.5E)

B 1FFF 03462:02857:V 1000001012345096 #Panyapiwat Tv 1 (78.5E)

B 1FFF 03462:02857:V 1111123421111134 #Panyapiwat Tv 2 (78.5E)

B 1FFF 12604:30000:H AFDCBE4986776865 #FOX THAI (78.5E)

B 1FFF 12604:30000:H DCAABABE998877BE #GMM Sport Extra (78.5E)

B 1FFF 12717:30000:V 2222226622222266 #MRTV-4 & DVB CH (78.5E)

B 1FFF 12717:30000:V 3333339933333399 #Ch 7-PBS&NBT TV (78.5E)

B 1FFF 04040:30000:H 1111113311111133 #Future1&2 Nat Geo Music HD (78.5E)

B 1FFF 12537:30000:H AA1111CC1111BBDD #Future1&2 Nat Geo Music HD (78.5E)

B 1FFF 04040:30000:H 1111113311111133 #Fox Crime HD (78.5E)

B 1FFF 12686:30000:V 1111113311111133 #Fox Crime HD (78.5E)

B 1FFF 03880:30000:V CFBDEB7709B5D18F #Mono TV (78.5E)

B 1FFF 03880:30000:V A788F928460465AF #True Hay Ha (78.5E)

B 1FFF 03880:30000:V 31FCF522AADE37BF #True Plookpanya (78.5E)

B 1FFF 03880:30000:V 723923CE5ED9E920 #True Explore 1 (78.5E)

B 1FFF 03880:30000:V 410C5AA7AB71607C #True Music (78.5E)

B 1FFF 03440:26666:H 1111111111111111 #MOVIE MAX (78.5E)

B 1FFF 03440:26666:H 940D6B0C03A4EA91 #True 10 (78.5E)

B 1FFF 12717:30000:V 1111113311111133 #Grand Prix (78.5E)

B 1FFF 03520:28125:H 1500001500000000 #T Sports Channel (78.5E)

B 1FFF 12562:25776:H 1111110099999900 #T Sports Channel (78.5E)

B 1FFF 03545:30000:V 0240A1E32563B73F #Media Channel (78.5E)

B 1FFF 03545:30000:V 6066844A1E0E1B47 #TV Muslim Thailand (78.5E)

B 1FFF 12657:30000:V 18A68F4D015E7F00 #TV 3 (78.5E)

B 1FFF 03832:05260:V 6066844A1E0E1B47 #Workpoint TV (78.5E)

B 1FFF 03960:30000:V 0240A1E32563B73F #Media Boom (78.5E)

B 1FFF 04048:02448:V 258CD182EECA7830 #Csn Sports (76.5E)

B 1FFF 04129:11394:V D2BE5AEABC67F81B #BTV National (76.5E)

B 1FFF 03793:04443:H 1414141414141414 #Channel 9 (76.5E)

B 1FFF 03812:02200:H 129DECCC23FC75DD #Maasranga TV 76.5E)

B 1FFF 03840:27500:H 3003306320022042 #Tamil Box Office (76.5E)

B 1FFF 12548:22000:V 6BA1E5F174BBCAF9 #Kanal Disney (75.0E)

B 1FFF 03447:01850:V 135790FA2468109C #Iraq Baghdad TV (75.0E)

B 1FFF 12640:22000:V 123456FF789ABCFF #Domashniy +7h (75.0E)

B 1FFF 03447:02689:V A1B2C316D4E5F6AF #Al-Manar TV (75.0E)

B 1FFF 03872:02315:V 001023334105559B #ZBC TV (68.5E)

B 1FFF 12596:06666:H 0327022C106251C3 #Rossiya1 Nizyhny Novgoro(66.0E)

B 1FFF 11520:27500:H AE50B8CC12DE2015 #STAR SPORTS 3 (64E)

B 1FFF 11555:30000:V 1111113311111133 #IRIB TV# & Varzesh (62E)

B 1FFF 11190:01774:V 00000000199253FE #Duhok TV (57.0E)

B 1FFF 11191:01451:V 0000000000012324 #Silemani TV (57.0E)

B 1FFF 12522:27500:V 62696E39676F7349 #BB12345678 (55.0E)

B 1FFF 12669:22500:V 124AF6527CD981D6 #ART-Feed (53.0E)

B 1FFF 12669:22500:V 95571A06D23BC3D0 #JSC Feed (53.0E)

B 1FFF 11044:44950:V 0000000000000100 #Nash Dom (53.0E)

B 1FFF 12664:22500:V 123CD826AB982568 #Channel 1&2 (53.0E)

B 1FFF 03946:02963:L 01A1CE7026201359 #ART Prime Sport (49.0E)

B 1FFF 03976:04285:L 0327022C106251C3 #GTRK Tyumen-Yugoria (49.0E)

B 1FFF 03940:07500:L 0327022C106251C3 #GTRK Pomorie (49.0E)

B 1FFF 03962:08570:L 0327022C106251C3 #Telekanal Rossi Tyum (49.0E)

B 1FFF 03970:04275:L 0327022C106251C3 #GTRK Yamal (49.0E)

B 1FFF 03635:03230:L 0327022C106251C3 #GTRK Kursk (49E)

B 1FFF 11051:03750:H E7B317B1D2D5B75E #Stan Sport (47.5E)

B 1FFF 11095:27500:H 0020050000195600 #1TV Georgian (46E)

B 1FFF 03730:30000:V A1B2C316D4E5F6AF #Nat Geo Gold (46E)

B 1FFF 11175:27500:H 1234560065432100 #AZ TV1 (46E)

B 1FFF 11175:27500:H 1212121212121212 #Ictimai TV(46E)

B 1FFF 11175:27500:H 1234569C654321C9 #Medeniyyet TV (46E)

B 1FFF 11175:27500:H 3453450034534500 #Idman Azerbaijan (46E)

B 1FFF 11054:30000:V 1000001000000000 #TRT World HD (42.0E)

B 1FFF 11053:08000:H 1000001000000000 #HaberTurk & Bloomberg (42.0E)

B 1FFF 11054:30000:V 1000001000000000 #TRTHD/TRT1 HD&TRT HaberHD (42.0E)

B 1FFF 11096:30000:H 1000001000000000 #TRT Spor (42.0E)

B 1FFF 11958:27500:V 1000001000000000 #TRT1/TRT3 Spor&Haber (42.0E)

B 1FFF 12015:27500:H 1000001000000000 #Star Tv&Star TvHD (42e)

B 1FFF 12034:27500:V 1000001000000000 #Tv8 DHA Feed (42e)

B 1FFF 12054:27500:H 1000001000000000 #ASpor/ATVHD &ASporHD (42E)

B 1FFF 12209:10000:H 1000001000000000 #ShowTVHD &HaberTurkHD (42.0E)

B 1FFF 12220:06500:H 1000001000000000 #ShowTV (42.0E)

B 1FFF 11472:23450:H 1000001000000000 #IMEDI TV (42.0E)

B 1FFF 12034:27500:V B053242705808308 #DHA Feed (42e)

B 1FFB 12015:27500:H A021230035461400 #Ntv & Ntv Spor (42E)

B 1FFF 12607:03179:H 98B0AFF78711C65E #NTV ANK.Buro (42.0E)

B 1FFF 11047:02400:V 2012ABDDCD2012FF #XAZAR TV (42.0E)

B 1FFF 12034:27500:V 1000001000000000 #CNN Turk (42.0E)

B 1FFF 11862:27500:H 1000001000000000 #Pal FM/Pal Station&Radyo FB (42.0E)

B 1FFF 11791:16000:V 1000001000000000 #A Haber (42.0E)

B 1FFF 11896:11200:V 1000001000000000 #A Haber HD (42.0°E)

B 1FFF 12130:27500:V 1000001000000000 #Radyo Vatan M 42.0E)

B 1FFF 12130:27500:V 1000001000000000 #Radyo Vatan T 42.0E)

B 1FFF 12544:24000:H 1212123612121236 #INTER FIRSTFM(42.0E)

B 1FFF 11472:23450:H DBA54500FDE36200 #Rustavi2 (42.0E)

B 1FFF 11472:23450:H 0020050000195600 #1TV Georgian (42.0°E)

B 1FFF 11194:07200:H 002123441361188C #Intercom Radio & 3 Radio (42.0°E)

B 1FFF 11804:24444:V B053242705808308 #DHA FEED (42.0°E)

B 1FFF 03675:33484:R 0327022C106251C3 #Rossiya +6h&+8h (40.0°E)

B 1FFF 11052:30000:H 1111113322222266 #ODIE (39.0°E)

B 1FFF 04004:15555:V 513213969ADDEC63 #PTV Sports (38.0°E)

B 1FFF 04055:06990:V 078666F3229110C3 #PTV-K-LAT (38.0E)

B 1FFF 04055:06990:V 513213969ADDEC63 #PTV-K-FEED (38.0E)

B 1FFF 04132:02222:V C1F0E777D8A2EFFF #Dunya News (38.0E)

B 1FFF 12626:02893:V ADCF961275348029 #Al Jazeera Feed (36E)

B 1FFF 12629:03444:H 1111113311111133 #Armenia 1 TV (36E)

B 1FFF 12629:03444:H 1AEF010A0EDEF1DD #Armenia Region (36E)

B 1FFF 12437:23438:H 0001484900014849 #RDV (36E)

B 1FFF 12520:04340:H A33130046167824A #Lider TV (36E)

B 1FFF 11817:27500:V 112200331401061B #Comedy Central Georgia (31.5°E)

B 1FFF 11758:27500:H 1111113311111133 #BTB & Caspionet (31.5°E)

B 1FFF 12304:27500:H 1111113311111133 #Caspionet (31.5°E)

B 1FFF 12090:27500:V FFFFFFFD01010103 #TV Centr Internation (31.5°E)

B 1FFF 11065:02500:H 1000000000000000 #Radyo Vatan M (31.0°E)

B 1FFF 11065:02500:H 1000000000000000 #Radyo Vatan T (31.0°E)

B 1FFF 12613:02969:V 3213216632132166 #Feed (30.5°E)

B 1FFF 10923:17000:H 1010103010101030 #Al Riyadiah Eart(30.5°E)

B 1FFF 12730:02589:V DEFF13F0A3525C51 #ERI TV (30.5E)

B 1FFF 10850:27500:V 1111224422333388 #TVM 2 Plus (26.0°E)

B 1FFF 11919:27500:H 12AB34F1CD56EF12 #MBC MASR & 2 (26.0°E)

B 1FFF 11919:27500:H 1212123612121236 #MBC Drama (26.0°E)

B 1FFF 12683:27500:V CA50B7D131D6585F #Al Aoula (26.0°E)

B 1FFF 12641:27500:V 1111113311111133 #IRIB TV 3 (26.0°E)

B 1FFF 11582:02849:V 12AB34F1CD56EF12 #MBC Hotbird Maghreb (21.6°E)

B 1FFF 11673:06800:V ABED29C10515BCD6 #MBC MASR (21.6°E)

B 1FFF 11366:30000:V 357A48F76B799C80 #HNL (16.0°E)

B 1FFF 12566:03616:V C48DAF008FDA9700 #Kanal D (16.0°E)

B 1FFF 11512:29950:V 43FA326FE73C0C2F #SRTV Feed (16.0°E)

B 1FFF 11045:10555:H CDEF12CE5678905E #National 24 Plus (16.0°E)

B 1FFF 12437:29900:H 1111113311111133 #IRIB TV 3 (13.0E)

B 1FFF 12437:29900:H 1111113311111133 #IRIB Varzesh (13.0E)

B 1FFF 11470:27500:V 15EF969ADE11AB9A #Link 14 Biss (13.0°E)

B 1FFF 11747:27500:H 1234569C789C3347 #Dubai Sports 33 (13.0°E)

B 1FFF 12149:27500:V A33130046167824A #Lider TV (13.0°E)

B 1FFF 10873:27500:V CA50B7D131D6585F #Al Aoula Maroc(13.0°E)

B 1FFF 12618:09000:V 0000232301151026 #Al (10.0°E)

B 1FFF 11162:06111:H 3641A219B46B3554 #CAF African (10.0°E)

B 1FFF 11387:30000:V D450DC00D3B64AD3 #IMG A Europe (10.0E)

B 1FFF 11387:30000:V BFC866ED91D3B418 #Chelsea TV (10.0°E)

B 1FFF 11262:28500:H 1234569CABCDEF67 #JSC-2,3,4,5 & 6 (10.0°E)

B 1FFF 11547:01613:V 205976EF823DB574 #Manchester United TV (10.0°E)

B 1FFF 11387:30000:V F87384EF72A4CDE3 #NBA TV EUROPA (10.0°E)

B 1FFF 11387:30000:V AE7B80A9F968AF10 #NBA POOL EUROPE (10.0°E)

B 1FFF 11387:30000:V 5AE2E31F116B239F #USRSC Europe (10°E)

B 1FFF 10840:03255:V 0204757B6840751D #ORTC (10.0°E)

B 1FFF 11187:02857:V 2222226622222266 #Al Tahrer (10.0°E)

B 1FFF 11134:05064:H 1234569CABCDEF67 #SKY Sport feed (10°E)

B 1FFF 11156:03978:H 0208000A0307040D #JSC Feed (10.0°E)

B 1FFF 11638:05304:H 159ACD7CEBF614F5 #MGM Middle East (10°E)

B 1FFF 12618:09000:V 0000232301151026 #Feed (10.0°E)

B 1FFF 12054:27500:H A1B2C316C3B2A116 #TEST TSA (9.0E)

B 1FFF 12054:27500:H 18A23BF522D87C76 #FOX Sports HD Feed (9.0°E)

B 1FFF 12380:27500:V 1111113322222266 #ODIE (9.0°E)

B 1FFF 11919:27500:V E876F04E8BA51141 #Eurofootball Gonki (9.0°E)

B 1FFF 11919:27500:V C0379C93E08FBB2A #Monitor Games (9.0°E)

B 1FFF 11823:27500:H 2000ABCBCD2000ED #S2K (9.0°E)

B 1FFF 11049:08332:H 1FD100F000000000 #EVN-TV (7E)

B 1FFF 12558:27500:H 2E435BCCD8D8A555 #Al Jazeera Service 1,2&3 (7.0°E)

B 1FFF 10722:27500:V 1234569C7890121A #RTVGE (7E)

B 1FFF 11459:09260:H ABCDEF671234569C #Orbit Channels (3.1E)

B 1FFF 12360:27500:V 112200331401061B #Objieqtivi TV & Channel 100 (4.8E)

B 1FFF 12360:27500:V DA4AB5D9A5D6148F #Channel 097 (4.8E)

B 1FFF 12360:27500:V AE1EB37FB5E614AF #Channel 098 (4.8E)

B 1FFF 12360:27500:V 1F2FBA08C5F614CF #Channel 099 (4.8E)

B 1FFF 12360:27500:V 1103021619031430 #Enki Benki (4.8E)

B 1FFF 12360:27500:V 135EAC1D22FF3B5C #Channel 209 -TV11 & 210 -Tabula (4.8E)

B 1FFF 11766:27500:H A5EB22B2576F25EB #UKRAINA-SD (4.8°E)

B 1FFF 11766:27500:H 090219246323068C #2+2 (4.8E)

B 1FFF 11766:27500:H 1A2B3C814D5E6F1A #1+1 International(4.8E)

B 1FFF 12697:09632:H 135EAC1D22FF3B5C #Magtisats (4.8E)

B 1FFF 12284:27500:V 1234AC001234AC00 #INTER + (4.8E)

B 1FFF 12526:04444:H 201302352EAD03DE #2M MENA/2M National (3.1E)

B 1FFF 12537:13960:V 1111113311111133 #(3.1E)

B 1FFF 12548:13960:H 1111113311111133 #(3.1E)

B 1FFF 12701:13960:V 1111113311111133 #(3.1E)

B 1FFF 12719:13960:H 1111113311111133 #(3.1E)

B 1FFF 10722:27500:H AC1234F24321CA2E #Inter (4.0W)

B 1FFF 11389:27500:H 1A2B3C81C3B2A116 #Trofey (4.0W)

B 1FFF 10722:27500:H 1234569C654321C9 #Unian TV (4.0W)

B 1FFF 11389:27000:H 1231236612312366 #MEGA (4.0W)

B 1FFF 10759:30000:H 1006102611071129 #Pershy Natsionaly(4.0W)

B 1FFF 10722:27500:H 654321C91234569C #1PLUS1 (4.0W)

B 1FFF 10722:27500:H 107220A215050721 #TV Kyiv (4.0W)

B 1FFF 11389:27500:H 1122336633221166 #XSport (4.0W)

B 1FFF 11389:27000:H 2011030000000000 #TEST2 (4.0W)

B 1FFF 11389:27500:H ABCDEF00FEDCBA00 #K1 (4.0W)

B 1FFF 11389:27500:H AC1234004321CA00 #INTER (4.0W)

B 1FFF 11059:23700:H 1100001100000000 #ENTV (5.0W)

B 1FFF 11938:27500:V 11122245333444AB #Test Al Arabiya (7.0W)

B 1FFF 11157:22400:V CA50B7D131D6585F #Al Aoula (7.0W)

B 1FFF 11157:22400:V 1A2B3C814D5E6F1A #Aflam (7.0W)

B 1FFF 11507:01240:H A0B1C213D3E4530A #Novgorod TV (11.0W)

B 1FFF 12515:27552:V 8466170163E6B2FB #ESPN Caribbean (15.0W)

B 1FFF 12515:27552:V B78D88CC869981A0 #ESPN Syndication (15.0W)

B 1FFF 11518:03744:H 01201536835300D6 #NBC/CNBC/MSNBC Feeds(15.0W)

B 1FFF 12674:20255:H 1100000000000000 #Canal\_6 Feed (22.0W)

B 1FFF 12674:20255:H 1100001100000000 #ENTV (22.0W)

B 1FFF 11495:44100:V D581F94F24112D62 #BBC (27.5W)

B 1FFF 10730:27500:H 1F2E3D8A4C5B6A11 #Fight Sport Network (30.0W)

B 1FFF 12577:04800:H 3652048C63198703 #RESUMEN 10-5 (30.0°W)

B 1FFF 10890:27500:V 12481670326412A8 #TVI Internacional (30.0°W)

B 1FFF 10730:27500:H F9E8D7B8C6B5A41F #Fox Sports HD Europe (30.0°W)

B 1FFF 03746:01229:H A179B1CB82D678D0 #United TV (37.5W)

B 1FFF 03803:27500:V 1357137D1357137D #SIC Internati(40.5°W)

B 1FFF 04084:10318:H 1371130037111300 #(55.5°W)

B 1FFF 03879:05860:H 11B01DDE11A45005 #Teleamazonas (55.5°w)

B 1FFF 04001:03000:V 8824820083625200 #Tv Azteca Guatemala (55.5°w)

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F 296D1FFF 00 1000001000000000 ;TRT World HD (42.0E)

F 296D1FFF 01 1000001000000000 ;TRT World HD (42.0E)

F C60D1FFF 00 1000001000000000 ;FB TV (42E)

F C60D1FFF 01 1000001000000000 ;FB TV (42E)

F 182E1FFF 00 A5EB22B2576F5016 ;UKRAINA-SD (4.8°E)

F 182E1FFF 01 A5EB22B2576F5016 ;UKRAINA-SD (4.8°E)

F 07D01FFF 00 112200331401061B ;Comedy Central Georgia (31.5°E)

F 07D01FFF 01 112200331401061B ;Comedy Central Georgia (31.5°E)

F 03FA1FFF 00 357A48F76B799C80 ;HNL (16.0°E)

F 03FA1FFF 01 357A48F76B799C80 ;HNL (16.0°E)

F 03851FFF 00 8466170163E6B2FB ;ESPN Caribbean (15.0W)

F 03851FFF 01 8466170163E6B2FB ;ESPN Caribbean (15.0W)

F 03861FFF 00 B78D88CC869981A0 ;ESPN Syndication (15.0W)

F 03861FFF 01 B78D88CC869981A0 ;ESPN Syndication (15.0W)

F 00C81FFF 00 43FA326FE73C0C2F ;SRTV Feed (16.0E)

F 00C81FFF 01 43FA326FE73C0C2F ;SRTV Feed (16.0E)

F 00011FFF 00 ABED29C10515BCD6 ;MBC MASR (21.6°E)

F 00011FFF 01 ABED29C10515BCD6 ;MBC MASR (21.6°E)

F 00041FFF 00 AE50B8CC12DE2015 ;STAR SPORTS 3 (64E)

F 00041FFF 00 AE50B8CC12DE2015 ;STAR SPORTS 3 (64E)

F 00641FFF 00 1111113311111133 ;ALPHA (3.1E)

F 00641FFF 01 1111113311111133 ;ALPHA (3.1E)

F 00C81FFF 00 1111113311111133 ;ALTER (3.1E)

F 00C81FFF 01 1111113311111133 ;ALTER (3.1E)

F 012C1FFF 00 1111113311111133 ;ANT1 (3.1E)

F 012C1FFF 01 1111113311111133 ;ANT1 (3.1E)

F 01901FFF 00 1111113311111133 ;M.TV (3.1E)

F 01901FFF 01 1111113311111133 ;M.TV (3.1E)

F 01F41FFF 00 1111113311111133 ;Mega (3.1E)

F 01F41FFF 01 1111113311111133 ;Mega (3.1E)

F 02581FFF 00 1111113311111133 ;Skai (3.1E)

F 02581FFF 01 1111113311111133 ;Skai (3.1E)

F 02BC1FFF 00 1111113311111133 ;Star (3.1E)

F 02BC1FFF 01 1111113311111133 ;Star (3.1E)

F 03201FFF 00 1111113311111133 ;E TV (3.1E)

F 03201FFF 01 1111113311111133 ;E TV (3.1E)

F 00011FFF 00 C1F0E777D8A2EFFF ;Dunya News (38.0E)

F 00011FFF 01 C1F0E777D8A2EFFF ;Dunya News (38.0E)

F 00021FFF 00 078666F3229110C3 ;PTV-K-LAT (38E)

F 00021FFF 01 078666F3229110C3 ;PTV-K-LAT (38E)

F 00031FFF 00 513213969ADDEC63 ;PTV-K-FEED (38E)

F 00031FFF 01 513213969ADDEC63 ;PTV-K-FEED (38E)

F 00041FFF 00 513213969ADDEC63 ;PTV Sports (38E)

F 00041FFF 01 513213969ADDEC63 ;PTV Sports (38E)

F 03B91FFF 00 BABABA2EBABABA2E ;Test Bryansk (85.2E)

F 03B91FFF 01 BABABA2EBABABA2E ;Test Bryansk (85.2E)

F 03851FFF 00 1111111111111111 ;Happy Home TV (78.5E)

F 03851FFF 00 1111111111111111 ;Happy Home TV (78.5E)

F 032E1FFF 00 1111111111111111 ;India Film TV (78.5E)

F 032E1FFF 00 1111111111111111 ;India Film TV (78.5E)

F 03251FFF 00 1111111111111111 ;TST5 (78.5E)

F 03251FFF 00 1111111111111111 ;TST5 (78.5E)

F 296D1FFF 00 1000001000000000 ;TRT World HD (42.0°E)

F 296D1FFF 01 1000001000000000 ;TRT World HD (42.0°E)

F 00021FFF 00 0008192193030298 ;INDOSIAR (113E)

F 00021FFF 01 0008192193030298 ;INDOSIAR (113E)

F 00011FFF 00 00102030960118AF ;SCTV (138E)

F 00011FFF 01 00102030960118AF ;SCTV (138E)

F 00031FFF 00 0206242C58031671 :LIVE FEED (113E)

F 00031FFF 01 0206242C58031671 :LIVE FEED (113E)

F 02061FFF 00 CFBDEB7709B5D18F ;Mono TV (78.5E)

F 02061FFF 01 CFBDEB7709B5D18F ;Mono TV (78.5E)

F 00031FFF 00 1FD100F000000000 ;ENV-TV (7E)

F 00031FFF 01 1FD100F000000000 ;ENV-TV (7E)

F 02711FFF 00 1DF80D22D4B0CD51 ;Samrujlok (78.5E)

F 02711FFF 01 1DF80D22D4B0CD51 ;Samrujlok (78.5E)

F 02751FFF 00 0A478CDDE27CA200 ;Khongdee (78.5E)

F 02751FFF 01 0A478CDDE27CA200 ;Khongdee (78.5E)

F 02761FFF 00 998786A6C1DCF895 ;MySci (78.5E)

F 02761FFF 01 998786A6C1DCF895 ;MySci (78.5E)

F 04611FFF 00 4F8383653903F834 ;Lao Star (78.5E)

F 04611FFF 01 4F8383653903F834 ;Lao Star (78.5E)

F 02C01FFF 00 1111111111111111 ;MOVIE MAX (78.5E)

F 02C01FFF 01 1111111111111111 ;MOVIE MAX (78.5E)

F 006A1FFF 00 AFDCBE4986776865 ;FOX THAI (78.5E)

F 006A1FFF 00 AFDCBE4986776865 ;FOX THAI (78.5E)

F 1A221FFF 00 A5EB22B2576F25EB ;Indigo TV (4.8E)

F 1A221FFF 01 A5EB22B2576F25EB ;Indigo TV (4.8E)

F 1A0E1FFF 00 A5EB22B2576F25EB ;TEST (4.8E)

F 1A0E1FFF 01 A5EB22B2576F25EB ;TEST (4.8E)

F 000C1FFF 00 224466CC664422CC ;TV Animal (78.5E)

F 000C1FFF 01 224466CC664422CC ;TV Animal (78.5E)

F 02681FFF 00 224466CC664422CC ;Amarin TV HD (78.5E)

F 02681FFF 01 224466CC664422CC ;Amarin TV HD (78.5E)

F 03351FFF 00 1111111111111111 ;SEXY Channel (78.5E)

F 03351FFF 01 1111111111111111 ;SEXY Channel (78.5E)

F 03221FFF 00 1111111111111111 ;Next Music (78.5E)

F 03221FFF 01 1111111111111111 ;Next Music (78.5E)

F 03321FFF 00 B093387BA7A93B8B ;Sexy Women TV (78.5E)

F 03321FFF 01 B093387BA7A93B8B ;Sexy Women TV (78.5E)

F 00081FFF 00 AC1234F24321CA2E ;Inter (4.0W)

F 00081FFF 01 AC1234F24321CA2E ;Inter (4.0W)

F 00391FFF 00 12AB34F1CD56EF12 ;MBC MASR (26.0°E)

F 00391FFF 01 12AB34F1CD56EF12 ;MBC MASR (26.0°E)

F 003A1FFF 00 12AB34F1CD56EF12 ;MBC MASR 2 (26.0°E)

F 003A1FFF 01 12AB34F1CD56EF12 ;MBC MASR 2 (26.0°E)

F 00011FFF 00 12AB34F1CD56EF12 ;MBC Hotbird Maghreb (21.6°E)

F 00011FFF 01 12AB34F1CD56EF12 ;MBC Hotbird Maghreb (21.6°E)

F 00011FFF 00 5C218704DFABC953 ;ANTV (108.0°E)

F 00011FFF 01 5C218704DFABC953 ;ANTV (108.0°E)

F 2BC01FFF 00 1000001000000000 ;HaberTurk (42.0E)

F 2BC01FFF 01 1000001000000000 ;HaberTurk (42.0E)

F 2BC11FFF 00 1000001000000000 ;Bloomberg HT (42.0E)

F 2BC11FFF 01 1000001000000000 ;Bloomberg HT (42.0E)

F 2A301FFF 00 1000001000000000 ;Star TV (42.0E)

F 2A301FFF 01 1000001000000000 ;Star TV (42.0E)

F 2A351FFF 00 1000001000000000 ;Star TV HD(42.0E)

F 2A351FFF 01 1000001000000000 ;Star TV HD(42.0E)

F 001C1FFF 00 1000001000000000 ;TRT Spor (42.0E)

F 001C1FFF 01 1000001000000000 ;TRT Spor (42.0E)

F 296A1FFF 00 1000001000000000 ;TRT Haber HD (42.0E)

F 296A1FFF 01 1000001000000000 ;TRT Haber HD (42.0E)

F 2AF81FFF 00 1000001000000000 ;Show TV HD (42.0E)

F 2AF81FFF 01 1000001000000000 ;Show TV HD (42.0E)

F 2AF91FFF 00 1000001000000000 ;HaberTurk HD (42.0E)

F 2AF91FFF 01 1000001000000000 ;HaberTurk HD (42.0E)

F 2B5C1FFF 00 1000001000000000 ;Show TV (42.0E)

F 2B5C1FFF 01 1000001000000000 ;Show TV (42.0E)

F 05261FFF 00 1000001000000000 ;Tv8 (42e)

F 05261FFF 01 1000001000000000 ;Tv8 (42e)

F 283E1FFF 00 1000001000000000 ;A Spor (42E)

F 283E1FFF 01 1000001000000000 ;A Spor (42E)

F 28411FFF 00 1000001000000000 ;ATV HD (42E)

F 28411FFF 01 1000001000000000 ;ATV HD (42E)

F 28431FFF 00 1000001000000000 ;A Spor HD (42E)

F 28431FFF 01 1000001000000000 ;A Spor HD (42E)

F 05471FFF 00 B053242705808308 ;DHA Feed (42e)

F 05471FFF 01 B053242705808308 ;DHA Feed (42e)

F 000C1FFF 00 1A2B3C81C3B2A116 ;Trofey (4.0W)

F 000C1FFF 01 1A2B3C81C3B2A116 ;Trofey (4.0W)

F 00011FFF 00 E7B317B1D2D5B75E ;Stan Sport (47.5E)

F 00011FFF 01 E7B317B1D2D5B75E ;Stan Sport (47.5E)

F 01361FFF 00 1111113311111133 ;PlayBoy TV On MAN TV (78.5E)

F 01361FFF 01 1111113311111133 ;PlayBoy TV On MAN TV (78.5E)

F 02631FFF 00 B093387BA7A93B8B ;Loca TV (78.5E)

F 02631FFF 01 B093387BA7A93B8B ;Loca TV (78.5E)

F 00011FFF 00 ABCDEF671234569C ;Music Now (3.1E)

F 00011FFF 01 ABCDEF671234569C ;Music Now (3.1E)

F 00021FFF 00 ABCDEF671234569C ;Fann (3.1E)

F 00021FFF 01 ABCDEF671234569C ;Fann (3.1E)

F 00031FFF 00 ABCDEF671234569C ;Mkls Feed (3.1E)

F 00031FFF 01 ABCDEF671234569C ;Mkls Feed (3.1E)

F 0C121FFF 00 135EAC1D22FF3B5C ;Channel 209 -TV11 (4.8E)

F 0C121FFF 01 135EAC1D22FF3B5C ;Channel 209 -TV11 (4.8E)

F 0C1C1FFF 00 135EAC1D22FF3B5C ;Channel 210 -Tabula (4.8E)

F 0C1C1FFF 01 135EAC1D22FF3B5C ;Channel 210 -Tabula (4.8E)

F 00021FFF 00 A1B2C316C3B2A116 ;TEST TSA (9.0E)

F 00021FFF 01 A1B2C316C3B2A116 ;TEST TSA (9.0E)

F 00011FFF 00 A179B1CB82D678D0 ;United TV (37.5W)

F 00011FFF 01 A179B1CB82D678D0 ;United TV (37.5W)

F 06401FFF 00 6BA1E5F174BBCAF9 ;Kanal Disney (75.0E)

F 06401FFF 01 6BA1E5F174BBCAF9 ;Kanal Disney (75.0E)

F 00021FFF 00 1F2E3D8A4C5B6A11 ;Fight Sport Network (30.0W)

F 00021FFF 01 1F2E3D8A4C5B6A11 ;Fight Sport Network (30.0W)

F 0BCC1FFF 00 1103021619031430 ;Enki Benki (4.8E)

F 0BCC1FFF 01 1103021619031430 ;Enki Benki (4.8E)

F 00671FFF 00 1111113311111133 ;IRIB TV 3 (13.0E)

F 00671FFF 01 1111113311111133 ;IRIB TV 3 (13.0E)

F 00751FFF 00 1111113311111133 ;IRIB Varzesh (13.0E)

F 00751FFF 01 1111113311111133 ;IRIB Varzesh (13.0E)

F 04481FFF 00 112200331401061B ;Objieqtivi TV (4.8E)

F 04481FFF 01 112200331401061B ;Objieqtivi TV (4.8E)

F 00011FFF 00 1234569C654321C9 ;Unian TV (4.0W)

F 00011FFF 01 1234569C654321C9 ;Unian TV (4.0W)

F 002D1FFF 00 C0379C93E08FBB2A ;Monitor Games (9.0E)

F 002D1FFF 01 C0379C93E08FBB2A ;Monitor Games (9.0E)

F 002E1FFF 00 E876F04E8BA51141 ;Eurofootball Gonki (9.0E)

F 002E1FFF 01 E876F04E8BA51141 ;Eurofootball Gonki (9.0E)

F 00041FFF 00 D450DC00D3B64AD3 ;IMG A Europe (10.0E)

F 00041FFF 01 D450DC00D3B64AD3 ;IMG A Europe (10.0E)

F 1C341FFF 00 1111113311111133 ;BTB (31.5°E)

F 1C341FFF 01 1111113311111133 ;BTB (31.5°E)

F 1C701FFF 00 1111113311111133 ;Caspionet (31.5°E)

F 1C701FFF 01 1111113311111133 ;Caspionet (31.5°E)

F 00671FFF 00 1111113311111133 ;IRIB TV3 (62.0°E)

F 00671FFF 01 1111113311111133 ;IRIB TV3 (62.0°E)

F 00751FFF 00 1111113311111133 ;Varzesh (62.0°E)

F 00751FFF 01 1111113311111133 ;Varzesh (62.0°E)

F 01F51FFF 00 ADBC127B98675453 ;GMM One (78.5°E)

F 01F51FFF 01 ADBC127B98675453 ;GMM One (78.5°E)

F 01FF1FFF 00 ADBC127B98675453 ;Gth on Air (78.5°E)

F 01FF1FFF 01 ADBC127B98675453 ;Gth on Air (78.5°E)

F 04611FFF 00 1234560012345600 ;Mir Belogorje radio (85.1°E)

F 04611FFF 01 1234560012345600 ;Mir Belogorje radio (85.1°E)

F 03E91FFF 00 135EAC1D22FF3B5C ;Ertsulovneba (4.8°E)

F 03E91FFF 01 135EAC1D22FF3B5C ;Ertsulovneba (4.8°E)

F 00011FFF 00 085585E2505000A0 ;Net Media TV (113.0°E)

F 00011FFF 01 085585E2505000A0 ;Net Media TV (113.0°E)

F 00021FFF 00 1111224422333388 ;TVM 2 Plus (26.0°E)

F 00021FFF 01 1111224422333388 ;TVM 2 Plus (26.0°E)

F 07D01FFF 00 112200331401061B ;Channel 100 (4.8°E)

F 07D01FFF 01 112200331401061B ;Channel 100 (4.8°E)

F 04441FFF 00 DA4AB5D9A5D6148F ;Channel 097 (4.8E)

F 04441FFF 01 DA4AB5D9A5D6148F ;Channel 097 (4.8E)

F 044A1FFF 00 AE1EB37FB5E614AF ;Channel 098 (4.8E)

F 044A1FFF 01 AE1EB37FB5E614AF ;Channel 098 (4.8E)

F 044B1FFF 00 1F2FBA08C5F614CF ;Channel 099 (4.8E)

F 044B1FFF 01 1F2FBA08C5F614CF ;Channel 099 (4.8E)

F 00021FFF 00 A00002A209300942 ;KAZsport (90.0°E)

F 00021FFF 01 A00002A209300942 ;KAZsport (90.0°E)

F 02BD1FFF 00 1111113311111133 ;Fanoke (78.5°E)

F 02BD1FFF 01 1111113311111133 ;Fanoke (78.5°E)

F 02BE1FFF 00 1111113311111133 ;Club Channel (78.5°E)

F 02BE1FFF 01 1111113311111133 ;Club Channel (78.5°E)

F 02CB1FFF 00 1111113311111133 ;Nick JR. (78.5°E)

F 02CB1FFF 01 1111113311111133 ;Nick JR. (78.5°E)

F 00011FFF 00 95B2C30AFAED8F76 ;Sport 1 (78.5°E)

F 00011FFF 01 95B2C30AFAED8F76 ;Sport 1 (78.5°E)

F 00021FFF 00 FAB2C16DFE78D248 ;Sport 2 (78.5°E)

F 00021FFF 01 FAB2C16DFE78D248 ;Sport 2 (78.5°E)

F 00031FFF 00 8EDB9A03C6351E19 ;Sport 3 (78.5°E)

F 00031FFF 01 8EDB9A03C6351E19 ;Sport 3 (78.5°E)

F 00041FFF 00 AD5CE2EBBFD15AEA ;Sport 4 (78.5°E)

F 00041FFF 01 AD5CE2EBBFD15AEA ;Sport 4 (78.5°E)

F 00051FFF 00 5AF2D6221AB9F8CB ;Sport 5 (78.5°E)

F 00051FFF 01 5AF2D6221AB9F8CB ;Sport 5 (78.5°E)

F 00061FFF 00 E71CB1B42ECDA29D ;Sport 6 (78.5°E)

F 00061FFF 01 E71CB1B42ECDA29D ;Sport 6 (78.5°E)

F 00071FFF 00 29BEA68D51D8F31C ;Sport 7 (78.5°E)

F 00071FFF 01 29BEA68D51D8F31C ;Sport 7 (78.5°E)

F 00081FFF 00 BC83FA397B269B3C ;Sport 8 (78.5°E)

F 00081FFF 01 BC83FA397B269B3C ;Sport 8 (78.5°E)

F 00091FFF 00 C5F6DA957CEF8AF5 ;Sport 9 (78.5°E)

F 00091FFF 01 C5F6DA957CEF8AF5 ;Sport 9 (78.5°E)

F 000A1FFF 00 A259C5C0E2BF9435 ;Sport 10 (78.5°E)

F 000A1FFF 01 A259C5C0E2BF9435 ;Sport 10 (78.5°E)

F 000B1FFF 00 EAC2F29EDBAFD45E ;Sport 11 (78.5°E)

F 000B1FFF 01 EAC2F29EDBAFD45E ;Sport 11 (78.5°E)

F 000C1FFF 00 B9ABEC50728C5F5D ;Sport 12 (78.5°E)

F 000C1FFF 01 B9ABEC50728C5F5D ;Sport 12 (78.5°E)

F 000D1FFF 00 DAC8B95B2F7A5E07 ;Sport 13 (78.5°E)

F 000D1FFF 01 DAC8B95B2F7A5E07 ;Sport 13 (78.5°E)

F 000E1FFF 00 C89BD538BDEAF89F ;Sport 14 (78.5°E)

F 000E1FFF 01 C89BD538BDEAF89F ;Sport 14 (78.5°E)

F 00041FFF 00 A260696B7182988B ;TV Yug Don (90.0°E)

F 00041FFF 01 A260696B7182988B ;TV Yug Don (90.0°E)

F 00671FFF 00 1111113311111133 ;SCC TV3 (88.0°E)

F 00671FFF 01 1111113311111133 ;SCC TV3 (88.0°E)

F 00011FFF 00 2408194562200420 ;B Channel (113.0°E)

F 00011FFF 01 2408194562200420 ;B Channel (113.0°E)

F 00031FFF 00 12AB34F1CD56EF12 ;Arjuna TV (113.0°E)

F 00031FFF 01 12AB34F1CD56EF12 ;Arjuna TV (113.0°E)

F 00091FFF 00 12345678ABCDEF21 ;Mio TV Singapore (113.0°E)

F 00091FFF 01 12345678ABCDEF21 ;Mio TV Singapore (113.0°E)

F 000A1FFF 00 ABCDEF0012345678 ;EDU Channel&NAB TV (113.0°E)

F 000A1FFF 01 ABCDEF0012345678 ;EDU Channel&NAB TV (113.0°E)

F 000C1FFF 00 ABCDEF0012345678 ;NAB TV (113.0°E)

F 000C1FFF 01 ABCDEF0012345678 ;NAB TV (113.0°E)

F 00011FFF 00 886226105615016C ;TVB S (138.0°E)

F 00011FFF 01 886226105615016C ;TVB S (138.0°E)

F 000D1FFF 00 886226105615016C ;TVB 8 HD (138.0°E)

F 000D1FFF 01 886226105615016C ;TVB 8 HD (138.0°E)

F 00011FFF 00 875465402663911A ;GMA (138.0°E)

F 00011FFF 01 875465402663911A ;GMA (138.0°E)

F 00031FFF 00 FFEEDDCACCBBAA31 ;GEM TV (138.0°E)

F 00031FFF 01 FFEEDDCACCBBAA31 ;GEM TV (138.0°E)

F 16441FFF 00 A1BC2380DEF45628 ;AniPlus HD (138.0°E)

F 16441FFF 01 A1BC2380DEF45628 ;AniPlus HD (138.0°E)

F 00011FFF 00 13FDE6F6A8CEA71D ;AniPlus HD (138.0°E)

F 00011FFF 01 13FDE6F6A8CEA71D ;AniPlus HD (138.0°E)

F 00021FFF 00 FE25CAED738BDCDA ;CinemaWorld HD (138.0°E)

F 00021FFF 01 FE25CAED738BDCDA ;CinemaWorld HD (138.0°E)

F 00011FFF 00 8888888888888888 ;Fox Movies Premium HD (78.5°E)

F 00011FFF 01 8888888888888888 ;Fox Movies Premium HD (78.5°E)

F 00011FFF 00 2222226622222266 ;Nat Geo HD (78.5°E)

F 00011FFF 01 2222226622222266 ;Nat Geo HD (78.5°E)

F 00651FFF 00 18A68F4D015E7FDE ;Sun Channel HD (78.5°E)

F 00651FFF 01 18A68F4D015E7FDE ;Sun Channel HD (78.5°E)

F 00011FFF 00 4EA63C30BE1EB995 ;Lao Star TV (78.5°E)

F 00011FFF 01 4EA63C30BE1EB995 ;Lao Star TV (78.5°E)

F 00011FFF 00 EB214F5BA6C2A70F ;Asia Update TV (78.5°E)

F 00011FFF 01 EB214F5BA6C2A70F ;Asia Update TV (78.5°E)

F 00011FFF 00 C48DAF008FDA9700 ;Kanal D (16.0°E)

F 00011FFF 01 C48DAF008FDA9700 ;Kanal D (16.0°E)

F 00031FFF 00 5AE2E31F116B239F ;USRSC Europe (10.0E)

F 00031FFF 01 5AE2E31F116B239F ;USRSC Europe (10.0E)

F 00061FFF 00 A1B2C316D4E5F6AF ;Nat Geo Gold (46.0°E)

F 00061FFF 01 A1B2C316D4E5F6AF ;Nat Geo Gold (46.0°E)

F 00021FFF 00 1704607B4197370F ;Edge Sports HD (100.5°E)

F 00021FFF 01 1704607B4197370F ;Edge Sports HD (100.5°E)

F 02CA1FFF 00 1111113311111133 ;Boomerang Thailand (78.5°E)

F 02CA1FFF 01 1111113311111133 ;Boomerang Thailand (78.5°E)

F 006E1FFF 00 1111113311111133 ;Boomerang Thailand (78.5°E)

F 006E1FFF 01 1111113311111133 ;Boomerang Thailand (78.5°E)

F 00041FFF 00 18A23BF522D87C76 ;FOX Sports HD Feed (9.0°E)

F 00041FFF 01 18A23BF522D87C76 ;FOX Sports HD Feed (9.0°E)

F 00061FFF 00 1000001000000000 ;IMEDI TV (42.0°E)

F 00061FFF 01 1000001000000000 ;IMEDI TV (42.0°E)

F 00031FFF 00 1FD100F000000000 ;EVN\_TV (7.0°E)

F 00031FFF 01 1FD100F000000000 ;EVN\_TV (7.0°E)

F 00111FFF 00 00000000199253FE ;Duhok TV (57.0°E)

F 00111FFF 01 00000000199253FE ;Duhok TV (57.0°E)

F 00111FFF 00 0000000000012324 ;Silemani TV (57.0°E)

F 00111FFF 01 0000000000012324 ;Silemani TV (57.0°E)

F 00011FFF 00 62696E39676F7349 ;BB1 (55.0°E)

F 00011FFF 01 62696E39676F7349 ;BB1 (55.0°E)

F 00021FFF 00 62696E39676F7349 ;BB2 (55.0°E)

F 00021FFF 01 62696E39676F7349 ;BB2 (55.0°E)

F 00031FFF 00 62696E39676F7349 ;BB3 (55.0°E)

F 00031FFF 01 62696E39676F7349 ;BB3 (55.0°E)

F 00041FFF 00 62696E39676F7349 ;BB4 (55.0°E)

F 00041FFF 01 62696E39676F7349 ;BB4 (55.0°E)

F 00051FFF 00 62696E39676F7349 ;BB5 (55.0°E)

F 00051FFF 01 62696E39676F7349 ;BB5 (55.0°E)

F 00061FFF 00 62696E39676F7349 ;BB6 (55.0°E)

F 00061FFF 01 62696E39676F7349 ;BB6 (55.0°E)

F 00071FFF 00 62696E39676F7349 ;BB7 (55.0°E)

F 00071FFF 01 62696E39676F7349 ;BB7 (55.0°E)

F 00081FFF 00 62696E39676F7349 ;BB8 (55.0°E)

F 00081FFF 01 62696E39676F7349 ;BB8 (55.0°E)

F 00071FFF 00 DBA54500FDE36200 ;Rustavi2 (42.0°E)

F 00071FFF 01 DBA54500FDE36200 ;Rustavi2 (42.0°E)

F 0DDE1FFF 00 1111113311111133 ;11880 V Sid 0xDDE (9.0°E)

F 0DDE1FFF 01 1111113311111133 ;11880 V Sid 0xDDE (9.0°E)

F 00111FFF 00 9105345621310000 ;MBC 2 TV (166.0°E)

F 00111FFF 01 9105345621310000 ;MBC 2 TV (166.0°E)

F 00111FFF 00 3652048C63198703 ;RESUMEN 10 (30.0°W)

F 00111FFF 01 3652048C63198703 ;RESUMEN 10 (30.0°W)

F 000A1FFF 00 A1B2C316D4E5F8B1 ;NET (3.1°E)

F 000A1FFF 01 A1B2C316D4E5F8B1 ;NET (3.1°E)

F 178F1FFF 00 19362574ABFEC770 ;OrbitLine 2 (53.0°E)

F 178F1FFF 01 19362574ABFEC770 ;OrbitLine 2 (53.0°E)

F 17901FFF 00 19362574ABFEC770 ;OrbitLine 3 (53.0°E)

F 17901FFF 01 19362574ABFEC770 ;OrbitLine 3 (53.0°E)

F 00111FFF 00 3652048C63198703 ;RESUMEN 10-5 (30.0°W)

F 00111FFF 01 3652048C63198703 ;RESUMEN 10-5 (30.0°W)

F 00671FFF 00 201302352EAD03DE ;2M MENA (3.1E)

F 00671FFF 01 201302352EAD03DE ;2M MENA (3.1E)

F 00651FFF 00 201302352EAD01DC ;2M National (3.1E)

F 00651FFF 01 201302352EAD01DC ;2M National (3.1E)

F 00101FFF 00 2525CA14FE6161C0 ;Barca TV Pal (10.0°E)

F 00101FFF 01 2525CA14FE6161C0 ;Barca TV Pal (10.0°E)

F 00031FFF 00 446B88373D991AF0 ;Supp A (10.0°E)

F 00031FFF 01 446B88373D991AF0 ;Supp A (10.0°E)

F 00041FFF 00 446B88373D991AF0 ;Supp B (10.0°E)

F 00041FFF 01 446B88373D991AF0 ;Supp B (10.0°E)

F 00051FFF 00 446B88373D991AF0 ;Supp C (10.0°E)

F 00051FFF 01 446B88373D991AF0 ;Supp C (10.0°E)

F 00051FFF 00 0000232301151026 ;Al Kawthar (10.0°E)

F 00051FFF 01 0000232301151026 ;Al Kawthar (10.0°E)

F 00011FFF 00 0000232301151026 ;iFilm (10.0°E)

F 00011FFF 01 0000232301151026 ;iFilm (10.0°E)

F 007F1FFF 00 1A1B1C511D1E1F5A ;Sahar University Network 1 (20.0°E)

F 007F1FFF 01 1A1B1C511D1E1F5A ;Sahar University Network 1 (20.0°E)

F 10441FFF 00 D581F94F24112D62 ;BBC One England (27.5W)

F 10441FFF 01 D581F94F24112D62 ;BBC One England (27.5W)

F 107C1FFF 00 D581F94F24112D62 ;BBC One Scotland (27.5W)

F 107C1FFF 01 D581F94F24112D62 ;BBC One Scotland (27.5W)

F 107D1FFF 00 D581F94F24112D62 ;BBC One Northern Ireland (27.5W)

F 107D1FFF 01 D581F94F24112D62 ;BBC One Northern Ireland (27.5W)

F 107E1FFF 00 D581F94F24112D62 ;BBC One Wales (27.5W)

F 107E1FFF 01 D581F94F24112D62 ;BBC One Wales (27.5W)

F 10BF1FFF 00 D581F94F24112D62 ;BBC Two England (27.5W)

F 10BF1FFF 01 D581F94F24112D62 ;BBC Two England (27.5W)

F 10C01FFF 00 D581F94F24112D62 ;BBC Three (27.5W)

F 10C01FFF 01 D581F94F24112D62 ;BBC Three (27.5W)

F 11001FFF 00 D581F94F24112D62 ;BBC News (27.5W)

F 11001FFF 01 D581F94F24112D62 ;BBC News (27.5W)

F 11C01FFF 00 D581F94F24112D62 ;BBC Four (27.5W)

F 11C01FFF 01 D581F94F24112D62 ;BBC Four (27.5W)

F 12001FFF 00 D581F94F24112D62 ;CBBC (27.5W)

F 12001FFF 01 D581F94F24112D62 ;CBBC (27.5W)

F 12401FFF 00 D581F94F24112D62 ;CBeebies (27.5W)

F 12401FFF 01 D581F94F24112D62 ;CBeebies (27.5W)

F 12801FFF 00 D581F94F24112D62 ;BBC Parliament (27.5W)

F 12801FFF 01 D581F94F24112D62 ;BBC Parliament (27.5W)

F 1C001FFF 00 D581F94F24112D62 ;301. (27.5W)

F 1C001FFF 01 D581F94F24112D62 ;301. (27.5W)

F 44401FFF 00 D581F94F24112D62 ;BBC Two HD (27.5W)

F 44401FFF 01 D581F94F24112D62 ;BBC Two HD (27.5W)

F 44841FFF 00 D581F94F24112D62 ;BBC One HD (27.5W)

F 44841FFF 01 D581F94F24112D62 ;BBC One HD (27.5W)

F 44C81FFF 00 D581F94F24112D62 ;ITV 1 Central West HD (27.5W)

F 44C81FFF 01 D581F94F24112D62 ;ITV 1 Central West HD (27.5W)

F 45001FFF 00 D581F94F24112D62 ;Channel 4 HD (27.5W)

F 45001FFF 01 D581F94F24112D62 ;Channel 4 HD (27.5W)

F 46C01FFF 00 D581F94F24112D62 ;BBC Three HD (27.5W)

F 46C01FFF 01 D581F94F24112D62 ;BBC Three HD (27.5W)

F 46001FFF 00 D581F94F24112D62 ;CBBC HD (27.5W)

F 46001FFF 01 D581F94F24112D62 ;CBBC HD (27.5W)

F 1A181FFF 00 A5EB22B2576F25EB ;NLO TV (4.8°E)

F 1A181FFF 01 A5EB22B2576F25EB ;NLO TV (4.8°E)

F 00011FFF 00 F87384EF72A4CDE3 ;NBA TV EUROPA (10.0°E)

F 00011FFF 01 F87384EF72A4CDE3 ;NBA TV EUROPA (10.0°E)

F 00011FFF 00 205976EF823DB574 ;MUTV (10.0°E)

F 00011FFF 01 205976EF823DB574 ;MUTV (10.0°E)

F 00011FFF 00 205976EF823DB574 ;MUTV (9.0°E)

F 00011FFF 01 205976EF823DB574 ;MUTV (9.0°E)

F 04211FFF 00 1111113322222266 ;ODIE (9.0°E)

F 04211FFF 01 1111113322222266 ;ODIE (9.0°E)

F 00271FFF 00 0000232301151026 ;Feed-110 (10.0E)

F 00271FFF 01 0000232301151026 ;Feed-110 (10.0E)

F 00281FFF 00 0000232301151026 ;Feed-111 (10.0E)

F 00281FFF 01 0000232301151026 ;Feed-111 (10.0E)

F 002A1FFF 00 0000232301151026 ;Feed-113 (10.0E)

F 002A1FFF 01 0000232301151026 ;Feed-113 (10.0E)

F 002B1FFF 00 0000232301151026 ;Feed-114 (10.0E)

F 002B1FFF 01 0000232301151026 ;Feed-114 (10.0E)

F 00091FFF 00 0000232301151026 ;Feed-115 (10.0E)

F 00091FFF 01 0000232301151026 ;Feed-115 (10.0E)

F 00061FFF 00 11C4461BCE347A7C ;Premier League HD (10.0E)

F 00061FFF 01 11C4461BCE347A7C ;Premier League HD (10.0E)

F 00021FFF 00 0000232301151026 ;Al Alam (10.0E)

F 00021FFF 01 0000232301151026 ;Al Alam (10.0E)

F 00031FFF 00 0000232301151026 ;Sahar University Network 1 (10.0E)

F 00031FFF 01 0000232301151026 ;Sahar University Network 1 (10.0E)

F 00041FFF 00 0000232301151026 ;Sahar Universal Network 2 (10.0E)

F 00041FFF 01 0000232301151026 ;Sahar Universal Network 2 (10.0E)

F 00011FFF 00 A6B7C825D91011FA ;SBS (166.0E)

F 00011FFF 01 A6B7C825D91011FA ;SBS (166.0E)

F 00011FFF 00 AAAA186C18DDDDD2 ;TVNZ ENC 3 (166.0°E)

F 00011FFF 01 AAAA186C18DDDDD2 ;TVNZ ENC 3 (166.0°E)

F 00011FFF 00 0327020010625100 ;GTRK (140.0E)

F 00011FFF 01 0327020010625100 ;GTRK (140.0E)

F 00011FFF 00 ACC1047150000050 ;Dimsum TV (138.0E)

F 00011FFF 01 ACC1047150000050 ;Dimsum TV (138.0E)

F 00011FFF 00 AB2291CD29F93EEF ;Global TV (113.0E)

F 00011FFF 01 AB2291CD29F93EEF ;Global TV (113.0E)

F 00011FFF 00 1177AB33BA771142 ;MNC TV (113.0E)

F 00011FFF 01 1177AB33BA771142 ;MNC TV (113.0E)

F 00011FFF 00 12AB34F156EF78BD ;Myawady TV (113.0E)

F 00011FFF 01 12AB34F156EF78BD ;Myawady TV (113.0E)

F 00011FFF 00 2A2BF54A53D35177 ;Trans TV (108.0E)

F 00011FFF 01 2A2BF54A53D35177 ;Trans TV (108.0E)

F 00011FFF 00 1231236612312366 ;Trans 7 (108.0E)

F 00011FFF 01 1231236612312366 ;Trans 7 (108.0E)

F 00011FFF 00 2127256d646411D9 ;Olympic FEED (105.5E)

F 00011FFF 01 2127256d646411D9 ;Olympic FEED (105.5E)

F 00011FFF 00 1111111111111111 ;FA Cup China (100.5E)

F 00011FFF 01 1111111111111111 ;FA Cup China (100.5E)

F 00011FFF 00 0327022C106251C3 ;(96.5E)

F 00011FFF 01 0327022C106251C3 ;(96.5E)

F 00011FFF 00 69A42E3B10000010 ;TRV Muji (96.5E)

F 00011FFF 01 69A42E3B10000010 ;TRV Muji (96.5E)

F 00011FFF 00 AABBCC00DD012300 ;TV 3 Malaysia (91.5E)

F 00011FFF 01 AABBCC00DD012300 ;TV 3 Malaysia (91.5E)

F 00011FFF 00 1234569C789ABCCE ;RTM 1 (91.5°E)

F 00011FFF 01 1234569C789ABCCE ;RTM 1 (91.5°E)

F 00011FFF 00 0327022C106251C3 ;(90.0°E)

F 00011FFF 01 0327022C106251C3 ;(90.0°E)

F 00011FFF 00 C12345006789AB00 ;STS +7h (90.0°E)

F 00011FFF 01 C12345006789AB00 ;STS +7h (90.0°E)

F 00011FFF 00 0327022C106251C3 ;(80.0°E)

F 00011FFF 01 0327022C106251C3 ;(80.0°E)

F 00011FFF 00 701FEE7D1BFAB0C5 ;BBTV CN 7 (78.5°E)

F 00011FFF 01 701FEE7D1BFAB0C5 ;BBTV CH 7 (78.5°E)

F 00011FFF 00 999777A7555333DB ;MCOT 1 (78.5°E)

F 00011FFF 01 999777A7555333DB ;MCOT 1 (78.5°E)

F 00661FFF 00 DCAABABE998877BE ;GMM Sport Extra (78.5°E)

F 00661FFF 01 DCAABABE998877BE ;GMM Sport Extra (78.5°E)

F 00771FFF 00 2222226622222266 ;MRTV-4 (78.5°E)

F 00771FFF 01 2222226622222266 ;MRTV-4 (78.5°E)

F 00791FFF 00 2222226622222266 ;DVB Channel (78.5°E)

F 00791FFF 01 2222226622222266 ;DVB Channel (78.5°E)

F 00781FFF 00 3333339933333399 ;Channel 7 (78.5°E)

F 00781FFF 01 3333339933333399 ;Channel 7 (78.5°E)

F 00801FFF 00 3333339933333399 ;Thai PBS (78.5°E)

F 00801FFF 01 3333339933333399 ;Thai PBS (78.5°E)

F 00811FFF 00 3333339933333399 ;NBT TV (78.5°E)

F 00811FFF 01 3333339933333399 ;NBT TV (78.5°E)

F 038C1FFF 00 1111113311111133 ;Future1 Music HD (78.5°E)

F 038C1FFF 01 1111113311111133 ;Future1 Music HD (78.5°E)

F 038D1FFF 00 1111113311111133 ;Future2 Nat Geo Music HD (78.5°E)

F 038D1FFF 01 1111113311111133 ;Future2 Nat Geo Music HD (78.5°E)

F 038C1FFF 00 AA1111CC1111BBDD ;Future1 Music HD (78.5°E)

F 038C1FFF 01 AA1111CC1111BBDD ;Future1 Music HD (78.5°E)

F 038D1FFF 00 AA1111CC1111BBDD ;Future2 Nat Geo Music HD (78.5°E)

F 038D1FFF 01 AA1111CC1111BBDD ;Future2 Nat Geo Music HD (78.5°E)

F 038E1FFF 00 1111113311111133 ;Fox HD (78.5°E)

F 038E1FFF 01 1111113311111133 ;Fox HD (78.5°E)

F 038F1FFF 00 1111113311111133 ;Fox Crime HD (78.5°E)

F 038F1FFF 01 1111113311111133 ;Fox Crime HD (78.5°E)

F 01361FFF 00 1111113311111133 ;Fox HD (78.5°E)

F 01361FFF 01 1111113311111133 ;Fox HD (78.5°E)

F 01371FFF 00 1111113311111133 ;Fox Crime HD (78.5°E)

F 01371FFF 01 1111113311111133 ;Fox Crime HD (78.5°E)

F 06AF1FFF 00 A788F928460465AF ;True Hay Ha (78.5°E)

F 06AF1FFF 01 A788F928460465AF ;True Hay Ha (78.5°E)

F 06511FFF 00 31FCF522AADE37BF ;True Plookpanya (78.5°E)

F 06511FFF 01 31FCF522AADE37BF ;True Plookpanya (78.5°E)

F 06521FFF 00 723923CE5ED9E920 ;True Explore 1 (78.5°E)

F 06521FFF 01 723923CE5ED9E920 ;True Explore 1 (78.5°E)

F 06531FFF 00 410C5AA7AB71607C ;True Music (78.5°E)

F 06531FFF 01 410C5AA7AB71607C ;True Music (78.5°E)

F 038A1FFF 00 940D6B0C03A4EA91 ;True 10 (78.5°E)

F 038A1FFF 01 940D6B0C03A4EA91 ;True 10 (78.5°E)

F 00721FFF 00 1111113311111133 ;Grand Prix (78.5°E)

F 00721FFF 01 1111113311111133 ;Grand Prix (78.5°E)

F 000F1FFF 00 1500001500000000 ;T Sports Channel (78.5°E)

F 000F1FFF 01 1500001500000000 ;T Sports Channel (78.5°E)

F 00721FFF 00 1111110099999900 ;T Sports Channel (78.5°E)

F 00721FFF 01 1111110099999900 ;T Sports Channel (78.5°E)

F 012F1FFF 00 0240A1E32563B73F ;Media Channel (78.5°E)

F 012F1FFF 01 0240A1E32563B73F ;Media Channel (78.5°E)

F 01301FFF 00 6066844A1E0E1B47 ;TV Muslim Thailand (78.5°E)

F 01301FFF 01 6066844A1E0E1B47 ;TV Muslim Thailand (78.5°E)

F 00701FFF 00 18A68F4D015E7F00 ;TV 3 (78.5°E)

F 00701FFF 01 18A68F4D015E7F00 ;TV 3 (78.5°E)

F 00011FFF 00 6066844A1E0E1B47 ;Workpoint TV (78.5°E)

F 00011FFF 01 6066844A1E0E1B47 ;Workpoint TV (78.5°E)

F 00011FFF 00 1414141414141414 ;Channel 9 (76.5°E)

F 00011FFF 01 1414141414141414 ;Channel 9 (76.5°E)

F 00011FFF 00 135790FA2468109C ;Iraq Baghdad TV (75.0°E)

F 00011FFF 01 135790FA2468109C ;Iraq Baghdad TV (75.0°E)

F 00011FFF 00 1A8EFEA6707ED9C7 ;RU TV 2 (78.5°E)

F 00011FFF 01 1A8EFEA6707ED9C7 ;RU TV 2 (78.5°E)

F 00011FFF 00 1000001012345096 ;Panyapiwat Tv 1 (78.5°E)

F 00011FFF 01 1000001012345096 ;Panyapiwat Tv 1 (78.5°E)

F 00011FFF 00 258CD182EECA7830 ;Csn Sports (76.5°E)

F 00011FFF 01 258CD182EECA7830 ;Csn Sports (76.5°E)

F 00011FFF 00 129DECCC23FC75DD ;Maasranga TV 76.5°E)

F 00011FFF 01 129DECCC23FC75DD ;Maasranga TV 76.5°E)

F 00011FFF 00 A1B2C316D4E5F6AF ;Al-Manar TV (75.0°E)

F 00011FFF 01 A1B2C316D4E5F6AF ;Al-Manar TV (75.0°E)

F 00011FFF 00 12345600789ABC00 ;Telekanal Domashniy (75.0°E)

F 00011FFF 01 12345600789ABC00 ;Telekanal Domashniy (75.0°E)

F 00011FFF 00 001023334105559B ;ZBC TV (68.5°E)

F 00011FFF 01 001023334105559B ;ZBC TV (68.5°E)

F 00011FFF 00 29C53700F8F46100 ;NTS Scopus feeds (66.0°E)

F 00011FFF 01 29C53700F8F46100 ;NTS Scopus feeds (66.0°E)

F 00011FFF 00 260839671204384E ;TVS Severnaya Dvina (49.0°E)

F 00011FFF 01 260839671204384E ;TVS Severnaya Dvina (49.0°E)

F 00011FFF 00 0327020010625100 ;(49.0°E)

F 00011FFF 01 0327020010625100 ;(49.0°E)

F 00011FFF 00 0327022C106251C3 ;GTRK Kursk (49.0°E)

F 00011FFF 01 0327022C106251C3 ;GTRK Kursk (49.0°E)

F 00011FFF 00 01A1CE7026201359 ;ART Prime Sport (49.0°E)

F 00011FFF 01 01A1CE7026201359 ;ART Prime Sport (49.0°E)

F 00011FFE 00 98B0AFF78711C65E ;NTV ANK.Buro (42.0°E)

F 00011FFE 01 98B0AFF78711C65E ;NTV ANK.Buro (42.0°E)

F 00011FFF 00 2012ABDDCD2012FF ;XAZAR TV (42.0°E)

F 00011FFF 01 2012ABDDCD2012FF ;XAZAR TV (42.0°E)

F 2A311FFF 00 A021230035461400 ;NTV (42.0°E)

F 2A311FFF 01 A021230035461400 ;NTV (42.0°E)

F 05151FFF 00 1000001000000000 ;CNN Turk (42.0°E)

F 05151FFF 01 1000001000000000 ;CNN Turk (42.0°E)

F 00011FFF 00 1000001000000000 ;IMEDI TV (42.0°E)

F 00011FFF 01 1000001000000000 ;IMEDI TV (42.0°E)

F 29681FFF 00 1000001000000000 ;TRT HD (42.0°E)

F 29681FFF 01 1000001000000000 ;TRT HD (42.0°E)

F 29041FFE 00 1000001000000000 ;TRT 1 (42.0E)

F 29041FFE 01 1000001000000000 ;TRT 1 (42.0E)

F 00011FFF 00 1234560065432100 ;AZ TV1 (46.0°E)

F 00011FFF 01 1234560065432100 ;AZ TV1 (46.0°E)

F 00011FFF 00 0020050000195600 ;1TV Georgian

F 00011FFF 01 0020050000195600 ;1TV Georgian

F 00011FFF 00 0327022C106251C3 ;(40.0°E)

F 00011FFF 01 0327022C106251C3 ;(40.0°E)

F 00011FFF 00 ADCF961275348029 ;Al Jazeera Feed (36.0E)

F 00011FFF 01 ADCF961275348029 ;Al Jazeera Feed (36.0E)

F 00021FFF 00 1111113311111133 ;Armenia 1 TV (36.0E)

F 00021FFF 01 1111113311111133 ;Armenia 1 TV (36.0E)

F 0A101FFF 00 1AEF010A0EDEF1DD ;Armenia Region (36E)

F 0A101FFF 01 1AEF010A0EDEF1DD ;Armenia Region (36E)

F 00011FFF 00 A33130046167824A ;LIDER TV(36.0E)

F 00011FFF 01 A33130046167824A ;LIDER TV(36.0E)

F 00011FFF 00 3641A219B46B3554 ;CAF African (10.0E)

F 00011FFF 01 3641A219B46B3554 ;CAF African (10.0E)

F 00011FFF 00 0204757B6840751D ;ORTC (10.0E)

F 00011FFF 01 0204757B6840751D ;ORTC (10.0E)

F 00011FFF 00 2222226622222266 ;Al Tahrer (10.0E)

F 00011FFF 01 2222226622222266 ;Al Tahrer (10.0E)

F 00011FFF 00 1234569CABCDEF67 ;SKY Sport feed (10.0)

F 00011FFF 01 1234569CABCDEF67 ;SKY Sport feed (10.0°E)

F 00011FFF 00 2E435BCCD8D8A555 ;Al Jazeera Service 1 (7.0E)

F 00011FFF 01 2E435BCCD8D8A555 ;Al Jazeera Service 1 (7.0E)

F 00011FFF 00 2E435BCCD8D8A555 ;Al Jazeera Service 1 (3.0E)

F 00011FFF 01 2E435BCCD8D8A555 ;Al Jazeera Service 1 (3.0E)

F 00011FFF 00 AC1234004321CA00 ;INTER (4.0°W)

F 00011FFF 01 AC1234004321CA00 ;INTER (4.0°W)

F 00011FFF 00 CA50B7D131D6585F ;Al Aoula (7.0°W)

F 00011FFF 01 CA50B7D131D6585F ;Al Aoula (7.0°W)

F 00011FFF 00 A0B1C213D3E4530A ;Novgorod TV (11.0°W)

F 00011FFF 01 A0B1C213D3E4530A ;Novgorod TV (11.0°W)

F 00011FFF 00 01201536835300D6 ;NBC/CNBC/MSNBC Feeds(15.0°W)

F 00011FFF 01 01201536835300D6 ;NBC/CNBC/MSNBC Feeds(15.0°W)

F 00011FFF 00 3107578F18090223 ;RTU Ecuador (55.5°W)

F 00011FFF 01 3107578F18090223 ;RTU Ecuador (55.5°W)

F 00011FFF 00 11B01DDE11A45005 ;Teleamazonas (55.5°w)

F 00011FFF 01 11B01DDE11A45005 ;Teleamazonas (55.5°w)

F 00011FFF 00 8824820083625200 ;Tv Azteca Guatemala (55.5°w)

F 00011FFF 01 8824820083625200 ;Tv Azteca Guatemala (55.5°w)

F 00021FFF 00 0327020010625100 ;Rossiya1 (+8h)(140.0°E)

F 00021FFF 01 0327020010625100 ;Rossiya1 (+8h)(140.0°E)

F 00021FFF 00 2408194562200420 ;TVRI Nasional (113.0°E)

F 00021FFF 01 2408194562200420 ;TVRI Nasional (113.0°E)

F 00021FFF 00 0327022C106251C3 ;Rossiya1 +6h (103.0°E)

F 00021FFF 01 0327022C106251C3 ;Rossiya1 +6h (103.0°E)

F 00021FFF 00 0327022C106251C3 ;Rossia 1 (+6)(96.5°E)

F 00021FFF 01 0327022C106251C3 ;Rossia 1 (+6)(96.5°E)

F 00021FFF 00 1234569C789ABCCE ;RTM 2 (91.5°E)

F 00021FFF 01 1234569C789ABCCE ;RTM 2 (91.5°E)

F 00021FFF 00 A000010009200800 ;Teleka S Yuzh Region (90.0°E)

F 00021FFF 01 A000010009200800 ;Teleka S Yuzh Region (90.0°E)

F 00021FFF 00 0404040C404040C0 ;Tamil Box Office (83.0°E)

F 00021FFF 01 0404040C404040C0 ;Tamil Box Office (83.0°E)

F 00021FFF 00 0327022C106251C3 ;Rossiya 1 (80.0°E)

F 00021FFF 01 0327022C106251C3 ;Rossiya 1 (80.0°E)

F 00021FFF 00 1111123421111134 ;Panyapiwat Tv 2 (78.5E)

F 00021FFF 01 1111123421111134 ;Panyapiwat Tv 2 (78.5E)

F 00021FFF 00 0327022C106251C3 ;Telekanal Rossi Tyum (49.0°E)

F 00021FFF 01 0327022C106251C3 ;Telekanal Rossi Tyum (49.0°E)

F 29691FFF 00 1000000000000000 ;TRT 1 HD (42.0°E)

F 29691FFF 01 1000000000000000 ;TRT 1 HD (42.0°E)

F 00021FFF 00 1000000000000000 ;A Haber (42.0°E)

F 00021FFF 01 1000000000000000 ;A Haber (42.0°E)

F 00021FFF 00 0327022C106251C3 ;Telekanal Rossiya 0h (40.0°E)

F 00021FFF 01 0327022C106251C3 ;Telekanal Rossiya 0h (40.0°E)

F 00021FFF 00 AE7B80A9F968AF10 ;NBA POOL EUROPE (10.0°E)

F 00021FFF 01 AE7B80A9F968AF10 ;NBA POOL EUROPE (10.0°E)

F 00021FFF 00 2E435BCCD8D8A555 ;Al Jazeera Service 2 (7.0°E)

F 00021FFF 01 2E435BCCD8D8A555 ;Al Jazeera Service 2 (7.0°E)

F 00021FFF 00 2E435BCCD8D8A555 ;Al Jazeera Service 2 (3.0°E)

F 00021FFF 01 2E435BCCD8D8A555 ;Al Jazeera Service 2 (3.0°E)

F 00031FFF 00 1234569C789ABCCE ;KBS World (108.0°E)

F 00031FFF 01 1234569C789ABCCE ;KBS World (108.0°E)

F 00031FFF 00 4005246940052469 ;Zamjari 2 (108.2°E)

F 00031FFF 01 4005246940052469 ;Zamjari 2 (108.2°E)

F 00031FFF 00 0327022C106251C3 ;GTRK Komy Gor (80.0°E)

F 00031FFF 01 0327022C106251C3 ;GTRK Komy Gor (80.0°E)

F 00031FFF 00 1111113311111133 ;IRIB TV 3 (62.0°E)

F 00031FFF 01 1111113311111133 ;IRIB TV 3 (62.0°E)

F 00031FFF 00 0327020010625100 ;GTRK Pomorie (49.0°E)

F 00031FFF 01 0327020010625100 ;GTRK Pomorie (49.0°E)

F 2A321FFB 00 A021230035461400 ;NTV Spor (42.0°E)

F 2A321FFB 01 A021230035461400 ;NTV Spor (42.0°E)

F 00031FFF 00 1212121212121212 ;Ictimai TV (46.0°E)

F 00031FFF 01 1212121212121212 ;Ictimai TV (46.0°E)

F 00031FFF 00 CA50B7D131D6585F ;Al Aoula (13.0°E)

F 00031FFF 01 CA50B7D131D6585F ;Al Aoula (13.0°E)

F 00031FFF 00 159ACD7CEBF614F5 ;MGM Middle East (10.0°E)

F 00031FFF 01 159ACD7CEBF614F5 ;MGM Middle East (10.0°E)

F 00031FFF 00 2E435BCCD8D8A555 ;Al Jazeera Service 3 (7.0°E)

F 00031FFF 01 2E435BCCD8D8A555 ;Al Jazeera Service 3 (7.0°E)

F 00031FFF 00 2E435BCCD8D8A555 ;Al Jazeera Service 3 (3.0°E)

F 00031FFF 01 2E435BCCD8D8A555 ;Al Jazeera Service 3 (3.0°E)

F 00031FFF 00 654321C91234569C ;1PLUS1 (4.0°W)

F 00031FFF 01 654321C91234569C ;1PLUS1 (4.0°W)

F 00031FFF 00 ABCDEF00FEDCBA00 ;K1 (4.0°W)

F 00031FFF 01 ABCDEF00FEDCBA00 ;K1 (4.0°W)

F 00031FFF 00 CA50B7D131D6585F ;Al Aoula (7.0°W)

F 00031FFF 01 CA50B7D131D6585F ;Al Aoula (7.0°W)

F 00031FFF 00 1100000000000000 ;Canal Feed (22.0°W)

F 00031FFF 01 1100000000000000 ;Canal Feed (22.0°W)

F 00041FFF 00 3214418732144187 ;Zamjari 1 (108.2°E)

F 00041FFF 01 3214418732144187 ;Zamjari 1 (108.2°E)

F 00041FFF 00 1111113322222266 ;ODIE (39.0E)

F 00041FFF 01 1111113322222266 ;ODIE (39.0E)

F 00041FFF 00 107220A215050721 ;TV Kyiv (4.0°W)

F 00041FFF 01 107220A215050721 ;TV Kyiv (4.0°W)

F 00041FFF 00 1231236612312366 ;MEGA (4.0°W)

F 00041FFF 01 1231236612312366 ;MEGA (4.0°W)

F 00041FFF 00 1100001100000000 ;ENTV (22.0°W)

F 00041FFF 01 1100001100000000 ;ENTV (22.0°W)

F 00051FFF 00 0327022C106251C3 ;Rossiya1 +8h (103.0°E)

F 00051FFF 01 0327022C106251C3 ;Rossiya1 +8h (103.0°E)

F 00051FFF 00 0327022C106251C3 ;Rossia 1 (+8)(96.5°E)

F 00051FFF 01 0327022C106251C3 ;Rossia 1 (+8)(96.5°E)

F 00051FFF 00 0000000001234569 ;Manmin TV (95.0°E)

F 00051FFF 01 0000000001234569 ;Manmin TV (95.0°E)

F 00051FFF 00 0327022C106251C3 ;Rossiy1 +2h(80.0°E)

F 00051FFF 01 0327022C106251C3 ;Rossiy1 +2h(80.0°E)

F 29051FFF 00 1000001000000000 ;TRT Haber (42.0E)

F 29051FFF 01 1000001000000000 ;TRT Haber (42.0E)

F 00051FFF 00 002123441361188C ;Intercom 3 Radio (42.0°E)

F 00051FFF 01 002123441361188C ;Intercom 3 Radio (42.0°E)

F 00051FFF 00 0327022C106251C3 ;Telekanal Rossiy +2h (40.0°E)

F 00051FFF 01 0327022C106251C3 ;Telekanal Rossiy +2h (40.0°E)

F 00051FFF 00 1111113311111133 ;Kentron TV (39.0°E)

F 00051FFF 01 1111113311111133 ;Kentron TV (39.0°E)

F 00051FFF 00 BFC866ED91D3B418 ;Chelsea TV (10.0°E)

F 00051FFF 01 BFC866ED91D3B418 ;Chelsea TV (10.0°E)

F 000D1FFF 00 1006102611071129 ;Pershy Natsionaly (4.0°W)

F 000D1FFF 01 1006102611071129 ;Pershy Natsionaly (4.0°W)

F 00061FFF 00 0327020010625100 ;Rossiya1 (+6h)(140.0°E)

F 00061FFF 01 0327020010625100 ;Rossiya1 (+6h)(140.0°E)

F 00061FFF 00 0327022C106251C3 ;Telekanal Rossiy +4h (96.5°E)

F 00061FFF 01 0327022C106251C3 ;Telekanal Rossiy +4h (96.5°E)

F 00061FFF 00 0327022C106251C3 ;Telekanal Rossiy +4h (80.0°E)

F 00061FFF 01 0327022C106251C3 ;Telekanal Rossiy +4h (80.0°E)

F 00061FFF 00 002123441361188C ;Intercom Radio (42.0°E)

F 00061FFF 01 002123441361188C ;Intercom Radio (42.0°E)

F 00061FFF 00 0327022C106251C3 ;Rossiya 1 +2h (40.0°E)

F 00061FFF 01 0327022C106251C3 ;Rossiya 1 +2h (40.0°E)

F 00061FFF 00 1234569CABCDEF67 ;JSC-2 (10.0°E)

F 00061FFF 01 1234569CABCDEF67 ;JSC-2 (10.0°E)

F 00071FFF 00 260839671204384E ;Rossiya2 Sport (140.0°E)

F 00071FFF 01 260839671204384E ;Rossiya2 Sport (140.0°E)

F 00071FFF 00 1234569C654321C9 ;Medeniyyet TV (46.0°E)

F 00071FFF 01 1234569C654321C9 ;Medeniyyet TV (46.0°E)

F 00071FFF 00 1234569CABCDEF67 ;JSC-3 (10.0°E)

F 00071FFF 01 1234569CABCDEF67 ;JSC-3 (10.0°E)

F 00071FFF 00 1234560065432100 ;Aflam (7.0°W)

F 00071FFF 01 1234560065432100 ;Aflam (7.0°W)

F 00071FFF 00 F9E8D7B8C6B5A41F ;Fox Sports HD Europe (30.0°W)

F 00071FFF 01 F9E8D7B8C6B5A41F ;Fox Sports HD Europe (30.0°W)

F 00081FFF 00 0327022C106251C3 ;Podmoscovje (80.0°E)

F 00081FFF 01 0327022C106251C3 ;Podmoscovje (80.0°E)

F 00081FFF 00 1234569CABCDEF67 ;JSC-4 (10.0°E)

F 00081FFF 01 1234569CABCDEF67 ;JSC-4 (10.0°E)

F 00091FFF 00 74D70E59F425C8E1 ;NBA POOL EUROPE 2 (10.0°E)

F 00091FFF 01 74D70E59F425C8E1 ;NBA POOL EUROPE 2 (10.0°E)

F 00091FFF 00 1234569CABCDEF67 ;JSC-5 (10.0°E)

F 00091FFF 01 1234569CABCDEF67 ;JSC-5 (10.0°E)

F 00091FFF 00 1234ACF21234ACF2 ;INTER + (4.0°W)

F 00091FFF 01 1234ACF21234ACF2 ;INTER + (4.0°W)

F 000A1FFF 00 1A1A1A4E2B2B2B81 ;Abu Dhabi Sports 3(26.0°E)

F 000A1FFF 01 1A1A1A4E2B2B2B81 ;Abu Dhabi Sports 3(26.0°E)

F 000A1FFF 00 CA50B7D131D6585F ;Al Aoula (26.0°E)

F 000A1FFF 01 CA50B7D131D6585F ;Al Aoula (26.0°E)

F 000A1FFF 00 1234569CABCDEF67 ;JSC-6 (10.0°E)

F 000A1FFF 01 1234569CABCDEF67 ;JSC-6 (10.0°E)

F 000A1FFF 00 11122245333444AB ;Test Al Arabiya (7.0°W)

F 000A1FFF 01 11122245333444AB ;Test Al Arabiya (7.0°W)

F 000B1FFF 00 3003306320022042 ;Tamil Box Office (76.5°E)

F 000B1FFF 01 3003306320022042 ;Tamil Box Office (76.5°E)

F 000B1FFF 00 345345CC345345CC ;Idman Azerbaijan (46.0°E)

F 000B1FFF 01 345345CC345345CC ;Idman Azerbaijan (46.0°E)

F 000B1FFF 00 D2BE5AEABC67F81B ;BTV National (76.5°E)

F 000B1FFF 01 D2BE5AEABC67F81B ;BTV National (76.5°E)

F 000B1FFF 00 3213216632132166 ;Feed (30.5°E)

F 000B1FFF 01 3213216632132166 ;Feed (30.5°E)

F 000B1FFF 00 1122336633221166 ;XSport (4.0°W)

F 000B1FFF 01 1122336633221166 ;XSport (4.0°W)

F 000C1FFF 00 0000000000000100 ;Nash Dom (53.0°E)

F 000C1FFF 01 0000000000000100 ;Nash Dom (53.0°E)

F 000C1FFF 00 1212123612121236 ;INTER FIRST FM (42.0°E)

F 000C1FFF 01 1212123612121236 ;INTER FIRST FM (42.0°E)

F 29071FFF 00 1000001000000000 ;TRT 3 Spor(42.0E)

F 29071FFF 01 1000001000000000 ;TRT 3 Spor(42.0E)

F 000C1FFF 00 1234569C7890121A ;RTVGE (7.0°E)

F 000C1FFF 01 1234569C7890121A ;RTVGE (7.0°E)

F 000D1FFF 00 2011030000000000 ;TEST2 (4.0°W)

F 000D1FFF 01 2011030000000000 ;TEST2 (4.0°W)

F 000E1FFF 00 0327022C106251C3 ;Rossiya 1 0h (40.0°E)

F 000E1FFF 01 0327022C106251C3 ;Rossiya 1 0h (40.0°E)

F 000F1FFF 00 0327022C106251C3 ;Rossiya Kultura 0h (40.0°E)

F 000F1FFF 01 0327022C106251C3 ;Rossiya Kultura 0h (40.0°E)

F 00AA1FFF 00 1234569C789ABCCE ;Domashniy +7 (80.0°E)

F 00AA1FFF 01 1234569C789ABCCE ;Domashniy +7 (80.0°E)

F 00C81FFF 00 6BA1E5F174BBCAF9 ;Disney +7h (80.0°E)

F 00C81FFF 01 6BA1E5F174BBCAF9 ;Disney +7h (80.0°E)

F 00CB1FFF 00 1010101010101010 ;PRESS TV IRIB FEED (62.0°E)

F 00CB1FFF 01 1010101010101010 ;PRESS TV IRIB FEED (62.0°E)

F 00FA1FFF 00 C12345006789AB00 ;STS 0 (85.0°E)

F 00FA1FFF 01 C12345006789AB00 ;STS 0 (85.0°E)

F 00FB1FFF 00 D12345006789AB00 ;HOME-7 (85.0°E)

F 00FB1FFF 01 D12345006789AB00 ;HOME-7 (85.0°E)

F 00FC1FFF 00 ABC1238F45678935 ;Peretz-0 (85.0°E)

F 00FC1FFF 01 ABC1238F45678935 ;Peretz-0 (85.0°E)

F 001B1FFF 00 1212123612121236 ;MBC International (26.0°E)

F 001B1FFF 01 1212123612121236 ;MBC International (26.0°E)

F 001D1FFF 00 1212123612121236 ;MBC Drama (26.0°E)

F 001D1FFF 01 1212123612121236 ;MBC Drama (26.0°E)

F 001F1FFF 00 7899879878998798 ;AniPlus (113.0°E)

F 001F1FFF 01 7899879878998798 ;AniPlus (113.0°E)

F 00101FFF 00 0240A1E32563B73F ;Media Boom (78.5°E)

F 00101FFF 01 0240A1E32563B73F ;Media Boom (78.5°E)

F 00111FFF 00 2608396712043811 ;Rossiya2 RTR Sport(90.0°E)

F 00111FFF 01 2608396712043811 ;Rossiya2 RTR Sport(90.0°E)

F 00121FFF 00 1000000000000000 ;Radyo Vatan M (31.0°E)

F 00121FFF 01 1000000000000000 ;Radyo Vatan M (31.0°E)

F 00131FFF 00 1000000000000000 ;Radyo Vatan T (31.0°E)

F 00131FFF 01 1000000000000000 ;Radyo Vatan T (31.0°E)

F 00131FFF 00 2000ABCBCD2000ED ;S2K (9.0°E)

F 00131FFF 01 2000ABCBCD2000ED ;S2K (9.0°E)

F 00141FFF 00 1185AA40AA2020EA ;Barsa Pal Main (100.5°E)

F 00141FFF 01 1185AA40AA2020EA ;Barsa Pal Main (100.5°E)

F 00161FFF 00 675435F0675435F0 ;TV Chosun (113.0°E)

F 00161FFF 01 675435F0675435F0 ;TV Chosun (113.0°E)

F 00161FFF 00 1000000000000000 ;A Haber HD (42.0°E)

F 00161FFF 01 1000000000000000 ;A Haber HD (42.0°E)

F 00161FFF 00 0327022C106251C3 ;Rossiya 2 (40.0°E)

F 00161FFF 01 0327022C106251C3 ;Rossiya 2 (40.0°E)

F 00161FFF 00 CDEF12CE5678905E ;National 24 Plus (16.0°E)

F 00161FFF 01 CDEF12CE5678905E ;National 24 Plus (16.0°E)

F 00171FFF 00 2233116622331166 ;Sky Movie (113.0°E)

F 00171FFF 01 2233116622331166 ;Sky Movie (113.0°E)

F 00181FFF 00 1231236612312366 ;FSTV (113.0°E)

F 00181FFF 01 1231236612312366 ;FSTV (113.0°E)

F 00181FFF 00 1000000000000000 ;Radyo Vatan M(42.0°E)

F 00181FFF 01 1000000000000000 ;Radyo Vatan M(42.0°E)

F 00191FFF 00 3213216632132166 ;Sang S TV (113.0°E)

F 00191FFF 01 3213216632132166 ;Sang S TV (113.0°E)

F 00191FFF 00 1000000000000000 ;Radyo Vatan T(42.0°E)

F 00191FFF 01 1000000000000000 ;Radyo Vatan T(42.0°E)

F 00281FFF 00 2001749511117597 ;Nat Geo Wild HD (24.5°W)

F 00281FFF 01 2001749511117597 ;Nat Geo Wild HD (24.5°W)

F 00291FFF 00 B053242705808308 ;DHA FEED (42.0°E)

F 00291FFF 01 B053242705808308 ;DHA FEED (42.0°E)

F 00311FFF 00 12345692789ABCCE ;KBS World (108.0°E)

F 00311FFF 01 12345692789ABCCE ;KBS World (108.0°E)

F 00311FFF 00 1212123312121233 ;cys Radio Channels (42.0°E)

F 00311FFF 01 1212123312121233 ;cys Radio Channels (42.0°E)

F 00641FFF 00 29C53700F8F46100 ;er1-uplink-msk (66.0°E)

F 00641FFF 01 29C53700F8F46100 ;er1-uplink-msk (66.0°E)

F 00641FFF 00 0327022C106251C3 ;Rossiya1 Nizyhny Novgoro(66.0°E)

F 00641FFF 01 0327022C106251C3 ;Rossiya1 Nizyhny Novgoro(66.0°E)

F 00641FFF 00 0327022C106251C3 ;Rossia1 vesty\_privolg (45.0°E)

F 00641FFF 01 0327022C106251C3 ;Rossia1 vesty\_privolg (45.0°E)

F 00641FFF 00 DEFF13F0A3525C51 ;ERI TV 2 (30.5E)

F 00641FFF 01 DEFF13F0A3525C51 ;ERI TV 2 (30.5E)

F 00641FFF 00 0208000A0307040D ;JSC Feed (10.0°E)

F 00641FFF 01 0208000A0307040D ;JSC Feed (10.0°E)

F 00651FFF 00 D0123416AFE07B0A ;Turner (13.0°E)

F 00651FFF 01 D0123416AFE07B0A ;Turner (13.0°E)

F 006E1FFF 00 1371130037111300 ;Canal 3-ElSuper Canal(55.5°W)

F 006E1FFF 01 1371130037111300 ;Canal 3-ElSuper Canal(55.5°W)

F 00781FFF 00 1371130037111300 ;Televisiete (55.5°W)

F 00781FFF 01 1371130037111300 ;Televisiete (55.5°W)

F 00821FFF 00 1371130037111300 ;TeleOnce (55.5°W)

F 00821FFF 01 1371130037111300 ;TeleOnce (55.5°W)

F 008C1FFF 00 1371130037111300 ;TreceVision (55.5°W)

F 008C1FFF 01 1371130037111300 ;TreceVision (55.5°W)

F 00961FFF 00 1371130037111300 ;Guatemala (55.5°W)

F 00961FFF 01 1371130037111300 ;Guatemala (55.5°W)

F 01901FFF 00 C12345006789AB00 ;STS +7h (75.0°E)

F 01901FFF 01 C12345006789AB00 ;STS +7h (75.0°E)

F 01F41FFF 00 29C53700F8F46100 ;er2-uplink-msk (66.0°E)

F 01F41FFF 01 29C53700F8F46100 ;er2-uplink-msk (66.0°E)

F 01F41FFF 00 12481670326412A8 ;TVI Internacional (30.0°W)

F 01F41FFF 01 12481670326412A8 ;TVI Internacional (30.0°W)

F 012C1FFF 00 123456FF789ABCFF ;Domashniy +7h (75.0°E)

F 012C1FFF 01 123456FF789ABCFF ;Domashniy +7h (75.0°E)

F 012F1FFF 00 1111113311111133 ;IRIB TV 3 (30.5°E)

F 012F1FFF 01 1111113311111133 ;IRIB TV 3 (30.5°E)

F 012F1FFF 00 1111113311111133 ;IRIB TV 3 (26.0°E)

F 012F1FFF 01 1111113311111133 ;IRIB TV 3 (26.0°E)

F 025C1FFF 00 1100001100000000 ;ENTV (5.0W)

F 025C1FFF 01 1100001100000000 ;ENTV (5.0W)

F 03EA1FFF 00 135EAC1D22FF3B5C ;Akhali Arkhi (4.8°E)

F 03EA1FFF 01 135EAC1D22FF3B5C ;Akhali Arkhi (4.8°E)

F 03EF1FFF 00 135EAC1D22FF3B5C ;Abkhazetis Khma HD (4.8°E)

F 03EF1FFF 01 135EAC1D22FF3B5C ;Abkhazetis Khma HD (4.8°E)

F 03F01FFF 00 135EAC1D22FF3B5C ;Kavkasia (4.8°E)

F 03F01FFF 01 135EAC1D22FF3B5C ;Kavkasia (4.8°E)

F 03F11FFF 00 135EAC1D22FF3B5C ;Kvirike (4.8°E)

F 03F11FFF 01 135EAC1D22FF3B5C ;Kvirike (4.8°E)

F 03F21FFF 00 135EAC1D22FF3B5C ;Meore Arkhi (4.8°E)

F 03F21FFF 01 135EAC1D22FF3B5C ;Meore Arkhi (4.8°E)

F 03F31FFF 00 135EAC1D22FF3B5C ;Tabula (4.8°E)

F 03F31FFF 01 135EAC1D22FF3B5C ;Tabula (4.8°E)

F 03F41FFF 00 135EAC1D22FF3B5C ;Navigator TV (4.8°E)

F 03F41FFF 01 135EAC1D22FF3B5C ;Navigator TV (4.8°E)

F 03F61FFF 00 135EAC1D22FF3B5C ;Maestro 24 (4.8°E)

F 03F61FFF 01 135EAC1D22FF3B5C ;Maestro 24 (4.8°E)

F 03F71FFF 00 135EAC1D22FF3B5C ;Gurjaani (4.8°E)

F 03F71FFF 01 135EAC1D22FF3B5C ;Gurjaani (4.8°E)

F 03F61FFF 00 135EAC1D22FF3B5C ;Rioni TV (4.8°E)

F 03F61FFF 01 135EAC1D22FF3B5C ;Rioni TV (4.8°E)

F 03FC1FFF 00 0327022C106251C3 ;Rossia 1 (+4) (90.0°E)

F 03FC1FFF 01 0327022C106251C3 ;Rossia 1 (+4) (90.0°E)

F 03211FFF 00 C12345006789AB00 ;STS 0h (85.0°E)

F 03211FFF 01 C12345006789AB00 ;STS 0h (85.0°E)

F 03211FFF 00 1234569C789AAABC ;Asian Food Channel (78.5°E)

F 03211FFF 01 1234569C789AAABC ;Asian Food Channel (78.5°E)

F 03221FFF 00 C12345006789AB00 ;STS +2h (85.0°E)

F 03221FFF 01 C12345006789AB00 ;STS +2h (85.0°E)

F 03231FFF 00 ABC1238F45678935 :Peretz 0h (85.0°E)

F 03231FFF 01 ABC1238F45678935 ;Peretz 0h (85.0°E)

F 03241FFF 00 ABC1238F45678935 ;Peretz +2h (85.0°E)

F 03241FFF 01 ABC1238F45678935 ;Peretz +2h (85.0°E)

F 03251FFF 00 D12345006789AB00 :Domashnij Telekanal 0h (85.0°E)

F 03251FFF 01 D12345006789AB00 ;Domashnij Telekanal 0h (85.0°E)

F 03261FFF 00 D12345006789AB00 ;Domashnij Telekanal +2h (85.0°E)

F 03261FFF 01 D12345006789AB00 ;Domashnij Telekanal +2h (85.0°E)

F 03261FFF 00 11223366445566FF ;GMM (78.5°E)

F 03261FFF 01 11223366445566FF ;GMM (78.5°E)

F 03271FFF 00 11223366445566FF ;Football Plus (78.5E)

F 03271FFF 01 11223366445566FF ;Football Plus (78.5E)

F 03281FFF 00 11223366445566FF ;Sport Plus (78.5E)

F 03281FFF 01 11223366445566FF ;Sport Plus (78.5E)

F 032A1FFF 00 11223366445566FF ;MUTV (78.5E)

F 032A1FFF 01 11223366445566FF ;MUTV (78.5E)

F 032C1FFF 00 11223366445566FF ;GMM Sport One (78.5E)

F 032C1FFF 01 11223366445566FF ;GMM Sport One (78.5E)

F 03321FFF 00 11223366445566FF ;Eurosport Asia (78.5E)

F 03321FFF 01 11223366445566FF ;Eurosport Asia (78.5E)

F 03841FFF 00 D12345006789AB00 ;Telekanal Domash +4h (90.0E)

F 03841FFF 01 D12345006789AB00 ;Telekanal Domash +4h (90.0E)

F 03841FFF 00 29C53700F8F46100 ;er3-uplink-msk (66.0E)

F 03841FFF 01 29C53700F8F46100 ;er3-uplink-msk (66.0E)

F 04061FFF 00 2608396712043811 ;Rossia 2 (90.0E)

F 04061FFF 01 2608396712043811 ;Rossia 2 (90.0E)

F 04601FFF 00 0327022C106251C3 ;Rossiya1 +6h (103.0E)

F 04601FFF 01 0327022C106251C3 ;Rossiya1 +6h (103.0E)

F 04691FFF 00 0327020010625100 ;Rossiya1 (+6)(140.0E)

F 04691FFF 01 0327020010625100 ;Rossiya1 (+6)(140.0E)

F 04921FFF 00 0327020010625100 ;Rossiya 2 (140.0E)

F 04921FFF 01 0327020010625100 ;Rossiya 2 (140.0E)

F 04921FFF 00 0327022C106251C3 ;Rossiya2 (103.0E)

F 04921FFF 01 0327022C106251C3 ;Rossiya2 (103.0E)

F 05141FFF 00 0327022C106251C3 ;GTRK Tyumen-Yugoria (49.0E)

F 05141FFF 01 0327022C106251C3 ;GTRK Tyumen-Yugoria (49.0E)

F 05161FFF 00 1357137D1357137D ;SIC International (40.5W)

F 05161FFF 01 1357137D1357137D ;SIC International (40.5W)

F 06101FFF 00 1000000000000000 ;PAL FM(42.0E)

F 06101FFF 01 1000000000000000 ;PAL FM(42.0E)

F 06111FFF 00 1000000000000000 ;PAL Station(42.0E)

F 06111FFF 01 1000000000000000 ;PAL Station(42.0E)

F 06121FFF 00 1000000000000000 ;Radyo FB (42.0E)

F 06121FFF 01 1000000000000000 ;Radyo FB (42.0E)

F 07D81FFF 00 0103A1A502B0782A ;Fox Sport (25.5E)

F 07D81FFF 01 0103A1A502B0782A ;Fox Sport (25.5E)

F 08341FFF 00 C12345006789AB00 ;STS +4h (90.0E)

F 08341FFF 01 C12345006789AB00 ;STS +4h (90.0E)

F 1B4E1FFF 00 1234AC001234AC00 ;INTER+ (4.8E)

F 1B4E1FFF 01 1234AC001234AC00 ;INTER+ (4.8E)

F 1B5E1FFF 00 FFFFFFFD01010103 ;TV Centr Internation (31.5E)

F 1B5E1FFF 01 FFFFFFFD01010103 ;TV Centr Internation (31.5E)

F 1C361FFF 00 A33130046167824A ;Lider TV(13.0E)

F 1C361FFF 01 A33130046167824A ;Lider TV(13.0E)

F 100E1FFF 00 12AB34F1CD56EF12 ;Persia CA (26.0E)

F 100E1FFF 01 12AB34F1CD56EF12 ;Persia CA (26.0E)

F 13881FFF 00 0001484900014849 ;RDV (36.0E)

F 13881FFF 01 0001484900014849 ;RDV (36.0E)

F 15E31FFF 00 1010103010101030 ;Al Riyadiah Earth (30.5E)

F 15E31FFF 01 1010103010101030 ;Al Riyadiah Earth (30.5E)

F 15E31FFF 00 1010103010101030 ;AL RIYADIAH (7.0W)

F 15E31FFF 01 1010103010101030 ;AL RIYADIAH (7.0W)

F 16441FFF 00 D12345006789AB00 ;Telekanal Domash +7h (90.0E)

F 16441FFF 01 D12345006789AB00 ;Telekanal Domash +7h (90.0E)

F 17ED1FFF 00 1A2B3C814D5E6F1A ;1+1 International (4.8°E)

F 17ED1FFF 01 1A2B3C814D5E6F1A ;1+1 International (4.8°E)

F 17E81FFF 00 090219246323068C ;2+2 (4.8°E)

F 17E81FFF 01 090219246323068C ;2+2 (4.8°E)

F 17DE1FFF 00 19090628117660E7 ;TET (4.8°E)

F 17DE1FFF 01 19090628117660E7 ;TET (4.8°E)

F 17741FFF 00 95571A06D23BC3D0 ;JSC Feed (53.0°E)

F 17741FFF 01 95571A06D23BC3D0 ;JSC Feed (53.0°E)

F 177A1FFF 00 123CD826AB982568 ;Channel 1 Earth(53.0°E)

F 177A1FFF 01 123CD826AB982568 ;Channel 1 Earth(53.0°E)

F 177B1FFF 00 123CD826AB982568 ;Channel 2 Earth(53.0°E)

F 177B1FFF 01 123CD826AB982568 ;Channel 2 Earth(53.0°E)

F 17841FFF 00 124AF6527CD981D6 ;ART-Feed (53.0°E)

F 17841FFF 01 124AF6527CD981D6 ;ART-Feed (53.0°E)

F 252F1FFF 00 1234569C789C3347 ;Dubai Sports 33 (13.0°E)

F 252F1FFF 01 1234569C789C3347 ;Dubai Sports 33 (13.0°E)

F 29791FFF 00 0102030004050600 ;Rouge FM (13.0°E)

F 29791FFF 01 0102030004050600 ;Rouge FM (13.0°E)

F 377D1FFF 00 12345600ABCDEF00 ;Prva TV (Serbia 12.5°W)

F 377D1FFF 01 12345600ABCDEF00 ;Prva TV (Serbia 12.5°W)

F 42E71FFF 00 2011B2E3AD5BBCC4 ;BBC Knowledge HD Poland (10.0°E)

F 42E71FFF 01 2011B2E3AD5BBCC4 ;BBC Knowledge HD Poland (10.0°E)

F 66101FFF 00 1111113311111133 ;English club (4.8°E)

F 01011FFF 00 E2BE1ABA8DEC239C ;(95E)

F 01011FFF 01 E2BE1ABA8DEC239C ;(95E)

F 01021FFF 00 E2BE1ABA8DEC239C ;

F 01021FFF 01 E2BE1ABA8DEC239C ;

F 01031FFF 00 E2BE1ABA8DEC239C ;

F 01031FFF 01 E2BE1ABA8DEC239C ;

F 01041FFF 00 E2BE1ABA8DEC239C ;

F 01041FFF 01 E2BE1ABA8DEC239C ;

F 01051FFF 00 E2BE1ABA8DEC239C ;

F 01051FFF 01 E2BE1ABA8DEC239C ;

F 01061FFF 00 E2BE1ABA8DEC239C ;

F 01061FFF 01 E2BE1ABA8DEC239C ;

F 01071FFF 00 E2BE1ABA8DEC239C ;

F 01071FFF 01 E2BE1ABA8DEC239C ;

F 01081FFF 00 E2BE1ABA8DEC239C ;

F 01081FFF 01 E2BE1ABA8DEC239C ;

F 01111FFF 00 E2BE1ABA8DEC239C ;

F 01111FFF 01 E2BE1ABA8DEC239C ;

F 01121FFF 00 E2BE1ABA8DEC239C ;

F 01121FFF 01 E2BE1ABA8DEC239C ;

F 01131FFF 00 E2BE1ABA8DEC239C ;

F 01131FFF 01 E2BE1ABA8DEC239C ;

F 01141FFF 00 E2BE1ABA8DEC239C ;

F 01141FFF 01 E2BE1ABA8DEC239C ;

F 01161FFF 00 E2BE1ABA8DEC239C ;

F 01161FFF 01 E2BE1ABA8DEC239C ;

F 01171FFF 00 E2BE1ABA8DEC239C ;

F 01171FFF 01 E2BE1ABA8DEC239C ;

F 01191FFF 00 E2BE1ABA8DEC239C ;

F 01191FFF 01 E2BE1ABA8DEC239C ;

F 01201FFF 00 E2BE1ABA8DEC239C ;

F 01201FFF 01 E2BE1ABA8DEC239C ;

F 02011FFF 00 E2BE1ABA8DEC239C ;

F 02011FFF 01 E2BE1ABA8DEC239C ;

F 02021FFF 00 E2BE1ABA8DEC239C ;

F 02021FFF 01 E2BE1ABA8DEC239C ;

F 02031FFF 00 E2BE1ABA8DEC239C ;

F 02031FFF 01 E2BE1ABA8DEC239C ;

F 02041FFF 00 E2BE1ABA8DEC239C ;

F 02041FFF 01 E2BE1ABA8DEC239C ;

F 02051FFF 00 E2BE1ABA8DEC239C ;

F 02051FFF 01 E2BE1ABA8DEC239C ;

F 02051FFF 00 E2BE1ABA8DEC239C ;

F 02051FFF 01 E2BE1ABA8DEC239C ;

F 02071FFF 00 E2BE1ABA8DEC239C ;

F 02071FFF 01 E2BE1ABA8DEC239C ;

F 02081FFF 00 E2BE1ABA8DEC239C ;

F 02081FFF 01 E2BE1ABA8DEC239C ;

F 03011FFF 00 E2BE1ABA8DEC239C ;

F 03011FFF 01 E2BE1ABA8DEC239C ;

F 03021FFF 00 E2BE1ABA8DEC239C ;

F 03021FFF 01 E2BE1ABA8DEC239C ;

F 03031FFF 00 E2BE1ABA8DEC239C ;

F 03031FFF 01 E2BE1ABA8DEC239C ;

F 03041FFF 00 E2BE1ABA8DEC239C ;

F 03041FFF 01 E2BE1ABA8DEC239C ;

F 03051FFF 00 E2BE1ABA8DEC239C ;

F 03051FFF 01 E2BE1ABA8DEC239C ;

F 03061FFF 00 E2BE1ABA8DEC239C ;

F 03061FFF 01 E2BE1ABA8DEC239C ;

F 03071FFF 00 E2BE1ABA8DEC239C ;

F 03071FFF 01 E2BE1ABA8DEC239C ;

F 03081FFF 00 E2BE1ABA8DEC239C ;

F 03081FFF 01 E2BE1ABA8DEC239C ;

F 03091FFF 00 E2BE1ABA8DEC239C ;

F 03091FFF 01 E2BE1ABA8DEC239C ;

F 030A1FFF 00 E2BE1ABA8DEC239C ;

F 030A1FFF 01 E2BE1ABA8DEC239C ;

F 030B1FFF 00 E2BE1ABA8DEC239C ;

F 030B1FFF 01 E2BE1ABA8DEC239C ;

F 04011FFF 00 E2BE1ABA8DEC239C ;

F 04011FFF 01 E2BE1ABA8DEC239C ;

F 04021FFF 00 E2BE1ABA8DEC239C ;

F 04021FFF 01 E2BE1ABA8DEC239C ;

F 04031FFF 00 E2BE1ABA8DEC239C ;

F 04031FFF 01 E2BE1ABA8DEC239C ;

F 04041FFF 00 E2BE1ABA8DEC239C ;

F 04041FFF 01 E2BE1ABA8DEC239C ;

F 04051FFF 00 E2BE1ABA8DEC239C ;

F 04051FFF 01 E2BE1ABA8DEC239C ;

F 04061FFF 00 E2BE1ABA8DEC239C ;

F 04061FFF 01 E2BE1ABA8DEC239C ;

F 04071FFF 00 E2BE1ABA8DEC239C ;

F 04071FFF 01 E2BE1ABA8DEC239C ;

F 04081FFF 00 E2BE1ABA8DEC239C ;

F 04081FFF 01 E2BE1ABA8DEC239C ;

F 04091FFF 00 E2BE1ABA8DEC239C ;

F 04091FFF 01 E2BE1ABA8DEC239C ;

F 04101FFF 00 E2BE1ABA8DEC239C ;

F 04101FFF 01 E2BE1ABA8DEC239C ;

F 04111FFF 00 E2BE1ABA8DEC239C ;

F 04111FFF 01 E2BE1ABA8DEC239C ;

F 04131FFF 00 E2BE1ABA8DEC239C ;

F 04131FFF 01 E2BE1ABA8DEC239C ;

F 04151FFF 00 E2BE1ABA8DEC239C ;

F 04151FFF 01 E2BE1ABA8DEC239C ;

F 04171FFF 00 E2BE1ABA8DEC239C ;

F 04171FFF 01 E2BE1ABA8DEC239C ;

F 04191FFF 00 E2BE1ABA8DEC239C ;

F 04191FFF 01 E2BE1ABA8DEC239C ;

F 04201FFF 00 E2BE1ABA8DEC239C ;

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F 003C1FFF 01 E2BE1ABA8DEC239C ;

;-----------------------------------------------------

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;-----------------------------------------------------

D 0614:000000:0271:007D:0659::1D F8 0D 22 D4 B0 CD 51 1D F8 0D 22 D4 B0 CD 51 ; Samrujlok

D 0614:000000:0275:0081:0664::0A 47 8C DD E2 7C A2 00 0A 47 8C DD E2 7C A2 00 ; Khongdee

D 0614:000000:0276:0082:0665::99 87 86 A6 C1 DC F8 95 99 87 86 A6 C1 DC F8 95 ; MySci

D 0614:000000:0461:0115:03FD::4F 83 83 65 39 03 F8 34 4F 83 83 65 39 03 F8 34 ; Lao Star

;-----------------------------------------------------

F 02BF0130 00 ; ART Hekayat Zaman (7.0W)

F 02BF0130 01 ; ART Hekayat Zaman (7.0W)

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;#\*#\*#\*#\*#\*#\*#\*#\*# Original File by eniz9 #\*#\*#\*#\*#\*#\*#\*#\*#\*#

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