; IRDETO Providers and keys definition

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;\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

I 0604 02 DFDD0C4B92B4ABD26514B9AF9F0C79C4 ;Bulsat (39\*E)

I 0604 04 BC62E4F15C91078025CCDC2FCC934274 ;Bulsat (39ЎгE)

I 0604 06 370C1AD28E8FEA63F2886FC6122A9894 ;Bulsat (39ЎгE)

I 0604 M1 98b4dcad44e8c9504c3f4e51692a7047 ;Bulsat ECM-SEED

I 0604 M2 ae652b210bf89fc69507609842fd303e ;Bulsat ECM-IV

[Tricolor] Eutelsat (36 East) Caid:4AE1 |DRE Crypt| 10.03.2013

#I: { 4A E1 11 3B 00 { EA C4 C7 0D A6 9B 8B B5 EB 46 80 B7 54 B3 7E DD 62 EF 3C ED 1C DB 4A 51 A1 95 DE 61 46 72 52 C1 }} #Karusel

#I: { 4A E1 11 3B 01 { 47 91 D9 C3 9B F0 D4 D6 33 43 39 50 0E F3 BB C0 40 2F C2 5B 31 8D EE CD 40 D1 27 1B 22 38 BF 15 }} #all others

#I: { 4A E1 11 3B 04 { 3B A8 58 DB F1 52 12 57 CD 27 07 AA 28 E8 41 FE E2 A7 0E 3D 60 19 D8 06 83 BE 73 BE D9 B2 FE 7B }} #Nas Futbol

#I: { 4A E1 11 3B 06 { D8 E9 B9 6D 7D 1C F4 B6 95 DC 67 0B A9 67 4A 63 5C 83 07 A4 76 77 54 EC E6 02 5A 6E C8 0B D1 92 }} #Iskuscenie

#I: { 4A E1 11 3B 0D { AE 94 67 40 A5 B6 5F CD F7 4A FA 2B 6C FE DC 8F 54 C5 8B A9 D0 50 0C 05 B1 A3 EC 27 C1 10 5D 32 }} #Ekran1~24

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; VIACCESS Providers and keys definition

;\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#[ Sic Internacional ] New Frq:12570 V 3703 EUTELSAT W2 16ЎгE

V 007800 08 5B141E389C46245F ;Sic Internacional key update: 15/12/2002

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; VIACCESS2 Providers and keys definition

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#[Eurobird9A (9ЎгE) 12149 V 27500 2/3 DVB-S2 8PSK- | |Via2.6 |Prov:021110 |

V 021110 08 35F6B9217C2BA83F38C3C1FD23A5D321 ;Ant-1 Euro

V 023800 08 955CF3C92800F39F54B93005DF826DBF ;SRG

V 030B00 08 D92A82E3111C9AFDED4626AD0B542E5B ; TNTSat France (19.2ЎгE)

V 030B00 09 CC72AAFE5265D6D04608E832CEB9EC4D ; TNTSat France (19.2ЎгE)

V 030B00 0B 7C6A2428C020023B163E4FE024FF5D9D ; TNTSat France (19.2ЎгE)

V 030B00 0A EE2679604A7DDD32E4F8CB913500D38E ; TNTSat France (19.2ЎгE)

V 030B00 E0 A79AC0DBEC9C9251D1915F058862AF26 ; SurEncryption Key

V 030B00 E1 821F4556238DDE0FA0BD318F083E84BC ; SurEncryption Key

V 030B00 E2 9B63A97DA5C80A87A87EF16CB28EF1AB ;SurEncryption

V 030B00 EC 9A3EAB0203EBFFCA85B4F18280749F56 ; WB SurEncryption Key

V 030B00 ED 2504B382B16D8C6758DB960E311E9351 ; WB2 SurEncryption Key

V 030B00 EE 349883E54D58336DCA750A878ACC5CD5 ; WB2 SD SurEncryption

V 030B00 EF 4A26AD251795A58A11BBC07B53C44348 ; WB2 SurEncryption Key 19/06/2014

V 030B00 E11 F62C3BE300E98BBB378DFA38BB6EEEF1 ; SurEncryption Key 04.07.2014

V 030B00 E12 DD390FED2191D282016025093EE091BA ; SurEncryption Key

V 030B00 E13 8C6199E0B8877F4BD2136EF6D1142D15 ; SurEncryption Key

V 030B00 E14 6B1B024D36F60974973CB81FA5E8F01C ; WB2 HD SurEncryption

V 030B00 E15 127003F8E95100367A556121C779FB6E ; WB2 HD SurEncryption

V 030B00 E4 6B1B024D36F60974973CB81FA5E8F01C ; WB2 HD SurEncryption

V 030B00 E5 127003F8E95100367A556121C779FB6E ; WB2 HD SurEncryption

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; Cryptoworks Providers and keys definition

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##[ Zone Fantasy Italia ,Zone Romantica 1, Zone Romantica 2, Travel Channel ] 12111 H 27500 Sirius 4 (4.8ЎгE) |

W 0D0020 00 A40403143ECB6220DA180E54851451EF ;Kingstone

W 0D0020 01 BDD3A8E93764FFDB1D3866CF974A4077 ;Kingstone

W 0D0020 06 239091781C7E ;Kingston

# [ ESPN Classic Sport,TNT Germany ] 12111 H 27500 Sirius 4 (4.8ЎгE)

W 0D0030 00 BDD3A8E93764FFDB1D3866CF974A4077 ;Kingstone

W 0D0030 06 239091781C7E ;Kingston

W 0D03B0 00 38B69B35FE1DF0F36AF332D08BFF1B92 ;Extramusic

W 0D03B0 01 4308CC4A2B65558D99EE2AADE4426638 ;Extramusic

W 0D03B0 06 5E1397A6597E ;Xtramusic

W 0D0404 00 0000000000000000759734DD42CFC824 ;DMC

W 0D0404 01 245D6DFA62A19F9308E66EA836E94027 ;DMC

W 0D0404 06 28D6F3BF1B76 ;DMC15

W 0D0360 01 A480401A1D2F3E494B44477ED73BFE41 ;Turner

W 0D0360 00 1920374F9517C271D09BB6D689BCE3D3 ;Turner

W 0D0360 06 DE2034145455 ;Turner

W 0D035C 01 9A0A109C23A5C2175B1F870338CDCEC4 ;Turner

W 0D035C 00 839704927CDAC26369F58557EFCD51AB ;Turner

W 0D0360 06 DE2034145455 ;Turner

#[ Disney Channel ] Eurobird 9A @ 9Ўг East 11727 V 27500 3/4

W 0D03A0 00 2179387D6246099FB2E9733BDB4E1B78 ;British Telecom

W 0D03A0 06 C8791A66BE69 ;British Telecom

W 0D0320 00 EAD03EEB2025F16FC486300E1E84A828 ;Slovak Link

W 0D0320 06 9147550F419C ;Slovak Link

W 0D0308 00 D049D9A9E2C2AA9F322EF6FE4568D90A ;Sky Link 23.5E

W 0D0308 01 000000000000000042F07BE920C7E0F3 ;Sky Link 23.5E

W 0D0308 06 27B488348D54 ;Sky Link 23.5E

W 0D0304 00 000000000000000019E8F524C6C053E4 ;Sky Link 23.5E

W 0D0304 01 000000000000000042F07BE920C7E0F3 ;Sky Link 23.5E

W 0D0304 06 27B488348D54 ;Sky Link 23.5E

W 0D0504 00 A9D732F5E738E48A91C8638B12746661 ;ORF

W 0D0504 06 0987CF2A611D ;ORF

W 0D0510 00 00006AB325E6ABF4DA47280F35294B5C ;Austria-Sat

W 0D0510 06 0987CF2A611D ;Austria-Sat

W 0D050C 00 65D4E6D537E3AD184DF4D5796A8F8AED ;EasyTv

W 0D050C 01 00006AB325E6ABF4DA47280F35294B5C ;EasyTV 10921 H 22000

W 0D050C 06 0987CF2A611D ;EasyTv

W 0D050C B0 9D965D72432AA51186BD0C98CBFEB749D0788C6F37933DB2FAEDEFCB473E3DF30934DA04447394F955D1CA473B2501C7AC0A7EC0F43AFDB7EFC20B17E1F40080 ; EasyTv

W 0D0010 00 1B2905A326B497D4529A730AB43D549D ;MTV Networks

W 0D0010 01 13B1A843DABD77436A2D56DAB436B3A9 ;MTV Networks

W 0D02A0 00 307249C2E6CA1BFC698C79B4C64E810C ;UPC Direct 0.8ЎгW

W 0D02A0 01 FD4FD691F6A2C6992E240B8C36791284 ;UPC Direct 0.8ЎгW

W 0D02A0 06 C4FFB330795B ;Sysem key

W 0D02A0 B0 816C84602F6B10BE2BF52D0C7E9F8DD04585AF233C3E68B908329308074FBC3D97E4E352B8A0490C0E8BB7428E015792057560605284D3C489838DCB35670080 ;RSA Key

W 0D02A4 00 307249C2E6CA1BFC698C79B4C64E810C ;UPC Direct 0.8ЎгW

W 0D02A4 01 FD4FD691F6A2C6992E240B8C36791284 ;UPC Direct 0.8ЎгW

W 0D02A8 00 307249C2E6CA1BFC698C79B4C64E810C ;UPC Direct 0.8ЎгW

W 0D02A8 01 FD4FD691F6A2C6992E240B8C36791284 ;UPC Direct 0.8ЎгW

W 0D00C0 00 22ECB8B24385C3B2941EF7ECC2B54A09 ;Digiturk 7E

W 0D00C4 00 22ECB8B24385C3B2941EF7ECC2B54A09 ;Digiturk 7E

W 0D00C8 00 22ECB8B24385C3B2941EF7ECC2B54A09 ;Digiturk 7E

W 0D00CC 00 22ECB8B24385C3B2941EF7ECC2B54A09 ;Digiturk 7E

W 0D00C0 01 C0C68655B63304085B5F722DD471FE27 ;Digiturk 7E

W 0D00C4 01 C0C68655B63304085B5F722DD471FE27 ;Digiturk 7E

W 0D00C8 01 C0C68655B63304085B5F722DD471FE27 ;Digiturk 7E

W 0D00CC 01 C0C68655B63304085B5F722DD471FE27 ;Digiturk 7E

W 0D00C8 06 015612E8EE33 ;Sysem key

W 0D00C8 B0 9D5F83A2D84C03F100AAF72498AD74B89995794D8F2882DD5FDE26EBB10A504E78765E4D595ED4D7202E0E002F41028BCDAF4569FE27B53F0ACF2D9063960080 ; RSA Key

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; NAGRA2 Providers and keys definition

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N C102 00 5BCE65625FA4ED509594CE7C4B907ECB ;TV GLOBO 18/08/2010 11585 /v/ 27500

N C102 01 D7CBE93D30E2C9139107387457DB9023 ;TV GLOBO 25/11/2010 11585 /v/ 27500

N 1101 X1 03;

N 3101 00 DF7E76826766586AD90C079E87435437 ;ORF (19.2) 2008-01-01 18:58

N 7306 00 8672A892DE068BAE95815EDCB3BBF4C5 ;Telefonica

N 7306 01 c5c43b059dd3b357eb26e85823021e43 ;Telefonica

N 7311 00 EFC2D55A72019C9C2EABF1EE754AB134 ;Telefonica

N 7311 01 27D3A07E7C9AB55B286E287AC1AC6AC0 ;Telefonica

# \*\*\*\*\* CABLECOM N2 \*\*\*\*\*\*

N 7301 00 E85069158E261801EC7D9AD4182E2D21 ;SWISS (Cable TV)

N 7301 01 6CCA3363FAF072D8325CED6C1FBEA126 ;SWISS (Cable TV)

N 7301 M1 7544E982065D53E7CF049AF2E725544A50268DA1462F15D8A197ECE4B80FE221122F92AD56324380A04878EBF563427DD85C38645907583E23AC5153E300CF84 ;

;====================================================================

;\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

;

; Const CW Providers and keys definition

;

; System ID :Provider ID : Service ID : PMT PID : ECM PID ::CCW

;

;\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

D 0500:023800:4331:01F5:02CF::9B1A03B87C32A4527F1321B3F6081A18 ;SF 1HD

D 0500:023800:4332:01FF:02CF::9B1A03B87C32A4527F1321B3F6081A18 ;SF ZWEI HD

##19.2ЎгE 11538 V 22000 DVB-S

D 0500:003317:1AF6:028C:1592::0FD9FEE6D2AED7573CBE3D37C438AEAA ;beIN Sport 1(19.2E)

D 0500:003317:1AFC:0292:15CF::601F09889033E7AAC802804AEB58094C ;beIN Sport 2(19.2E)

;\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

;

; BISS System format

; Channel ID | Freq:S.R:POL:SAT Angle(DEC):Service ID(HEX)|keys|;Provider Name

;\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

## 3.0E 16.10.2012

B 1FFF 11459:09260:H:003:0000 ABCDEF671234569C ; Fann/Mkls Feed/Music Now

B 1FFF 12526:04444:H:003:0067 201302352EAD03CE ; 2M MENA

B 1FFF 12526:04444:H:003:0065 201302352EAD01CC ; 2M National

B 1FFF 12548:13960:H:003:0064 DD5AACC3B667708D ; ALPHA

B 1FFF 12548:13960:H:003:00C8 DD5AACC3B667708D ; ALTER

B 1FFF 12548:13960:H:003:012C DD5AACC3B667708D ; ANT1

B 1FFF 12548:13960:H:003:0190 DD5AACC3B667708D ; m.tv

B 1FFF 12568:13960:H:003:0320 DD5AACC3B667708D ; E tv

B 1FFF 12568:13960:H:003:01F4 DD5AACC3B667708D ; MEGA

B 1FFF 12568:13960:H:003:0258 DD5AACC3B667708D ; SKAI

B 1FFF 12568:13960:H:003:02BC DD5AACC3B667708D ; STAR

B 1FFF 10985:10000:H:003:0001 ABAB126812ABAB68 ;BeIN Sport 1HD

B 1FFF 10975:10000:H:003:0001 AA89BBEE5E44AC4E ;BeIN Sport Global HD

## 5.0E [5]

B 1FFF 11766:27500:H:005:17ED 1A2B3C614D5E6FFA ; 1+1 International

B 1FFF 11766:27500:H:005:17E8 090219146323068C ; 2+2

B 1FFF 11766:27500:H:005:17DE 19090618117660E7 ; TET

B 1FFF 12130:27500:V:005:1A18 A5EB22A2576F25DB ; NLO TV

B 1FFF 12130:27500:V:005:19D2 A5EB22A2576F5006 ; UKRAINA-SD

B 1FFF 12360:27500:V:005:0C08 135EAC1D22FF3B5C ; QartuliArkhi

B 1FFF 12360:27500:V:005:0449 ABAC97EEFF1197A7 ; Channel 097

B 1FFF 12360:27500:V:005:044A ABAC98EFFF1298A9 ; Channel 098

B 1FFF 12360:27500:V:005:044B ABAC99F0FF1399AB ; Channel 099

B 1FFF 12360:27500:V:005:044B ABAC99F0FF1399AB ; Channel 099

B 1FFF 12360:27500:V:005:0be0 135EAC1D22FF3B5C ; PirveliArkhi HD

B 1FFF 12284:27500:V:005:1B4E 1234ACE21234ACE2 ; Inter+

B 1FFF 12686:05600:H:005:0640 ADA877BC6417118C ; SINEMA TV AKSIYON

B 1FFF 12686:05600:H:005:06A4 92AFB6E7DDAA0077 ; SINEMA TV ASK HD

B 1FFF 12697:09630:H:005:03EF 135EAC0D22FF3B4C ; Abkhazetis Khma HD

B 1FFF 12697:09630:H:005:03EA 135EAC0D22FF3B4C ; Akhali Arkhi

B 1FFF 12697:09630:H:005:03F7 135EAC0D22FF3B4C ; Gurjaani

B 1FFF 12697:09630:H:005:03EB 135EAC0D22FF3B4C ; Meore Arkhi

B 1FFF 12697:09630:H:005:03F4 135EAC0D22FF3B4C ; Navigator TV

B 1FFF 12697:09630:H:005:07D1 135EAC0D22FF3B4C ; Program 2001

B 1FFF 12697:09630:H:005:03F6 135EAC0D22FF3B4C ; Rioni TV

B 1FFF 12697:09630:H:005:03E9 135EAC0D22FF3B4C ; Style TV Georgia

B 1FFF 12697:09630:H:005:03F3 135EAC0D22FF3B4C ; Tabula TV

## 7.0E Eutelsat W3A @ 7Ўг

B 1FFF 10985:09874:V:007:0000 79690CEE4143F276 ;Toulous V ST Etienne (feed)

B 1FFF 11092:09874:V:007:0000 432582EA523DBC4B ;Eastbourne

B 1FFF 10722:27500:V:007:000c 1234569C7890121A ;RTVGE

B 1FFF 12558:27500:H:007:000c 2E435BCCD8D8A555 ;Al Jazeera "Service 1,2,3"

B 1FFF 12565:07120:H:007:0000 674936E6347835E1 ;WTA beijing ( 04.10.2013)

B 1FFF 11051:19200:V:007:0000 1611BAE15AA4100E ;

B 1FFF 11075:19200:V:007:0000 1624306AA20A6612 ;

## 9.0e [2]

B 1FFF 11823:27500:H:0009:0013 2000ABCBCD2000ED ; S2K

B 1FFF 11919:27500:V:0009:002E E876F04E8BA51131 ; Eurofootball Gonki

B 1FFF 11919:27500:V:0009:002B A1B1C113D1E1F1A3 ; FEED

B 1FFF 11919:27500:V:0009:0003 2710457C6AC0012B ; Italy Service

B 1FFF 11919:27500:V:0009:0037 2C3A146AAC51615E ; Italy Service 2

B 1FFF 11919:27500:V:0009:0038 9DE4C132AC513C29 ; Italy Service 3

B 1FFF 11919:27500:V:0009:002D E6482E4C2E9542F5 ; Monitor Games

B 1FFF 11919:27500:V:0009:003A A9E434C1AD514C4A ; Test VM

B 1FFF 11919:27500:V:0009:002C 8667A48176E475CF ; OPAP TV

B 1FFF 12054:27500:H:0009:0004 1A8A34C85C6BA75E ; FOX Sports Feed

B 1FFF 12054:27500:H:0009:0002 1A8A34D85C6B12D9 ; National Geographic

B 1FFF 12380:27500:V:0009:0421 1111113322222266 ; OTE TV

## 10.0E

B 1FFF 10840:03255:V:010:0001 0204757B6840751D ; ORTC

B 1FFF 11135:07120:H:010:753C 385417A32C96D193 ; UFC ON FX

B 1FFF 11135:05630:H:010:0000 2121ADEFDA1212FE ; Manchester

B 1FFF 11145:07000:H:010:0001 6E5314D572C9A8E3 ; UFC ON FX

B 1FFF 11153:07120:H:010:7533 4321AD11DA12210D ; Spurs TV

B 1FFF 11295:14400:V:010:0000 1611BAE15AA4100E ; EF1\_10A\_L\_ENC\_1

B 1FFF 11295:14400:V:010:0000 1624306AA20A6612 ; EF1\_10A\_L\_ENC\_2

B 1FFF 11266:22500:H:010:0002 DCB5FB8C04B204BA ; Levante vs Barcelona

B 1FFF 11387:30000:V:010:0004 1CDEAAA4612333B7 ; IMG A Europe

B 1FFF 11387:30000:V:010:0002 AE7B8099F968AFF0 ; NBA POOL EUROPE

B 1FFF 11387:30000:V:010:0001 2914417EFE75A003 ; NBA TV Europe

B 1FFF 11387:30000:V:010:0003 3C5E952F38F3749F ; USRSC Europe

B 1FFF 11547:01613:V:010:0001 205976EF823DB564 ; mu tv

B 1FFF 12595:02930:H:010:0001 1234569C789FFFF6 ; Sharqiya News

B 1FFF 12611:09260:H:010:0003 159ACD6CEBF614E5 ; MGM ME

##13.0E [6]

B 1FFF 10873:27500:V:013:0003 CA50B7C131D6585F ; AL Aoula

B 1FFF 10949:27500:V:013:1D33 1111113311111133 ; STS International

B 1FFF 12149:27500:V:013:1C36 A33130046167824A ; Lider TV

B 1FFF 12437:29900:H:013:1EDF 1111113311111133 ; IRIB TV3

## 16.0E

B 1FFF 11046:10555:H:0016:0016 CDEF12BE5678905E ; National 24

B 1FFF 11512:29950:V:0016:00C8 32F4C5EBC5940E67 ; SRTV Feed

B 1FFF 12566:03616:V:0016:0001 C48DAFE08FDA97E0 ; Kanal D

##21.6E

B 1FFF 11494:02849:H:021:0001 12AB34F1CD56EF12 ; mbc

B 1FFF 11673:03213:V:021:0001 ADEF06A20614BCD6 ; MBC MASR

##26.0E

B 1FFF 11881:27500:H:026:0003 1111113311111133 ; IRIB TV3

B 1FFF 11881:27500:H:026:0075 1111113311111133 ; IRIB Varzesh

B 1FFF 11919:27500:H:026:001D 1212123612121236 ; Drama USA

B 1FFF 11919:27500:H:026:001B 1212123612121236 ; MBC Int

B 1FFF 11919:27500:H:026:100E 12AB34E1CD56EFF2 ; Persia CA

B 1FFF 12683:27500:V:026:000A CA50B7C131D6585F ; Al Aoula

##28.0E

B 1FFF 12525:27500:V:028:000C 9e37794eb97f4a82 ; TV3

##30.5E [1]

B 1FFF 12606:02589:V:030:0001 EDF006E3628500E7 ;EriteriaTV2

B 1FFF 12606:02589:V:030:0064 EDF006E3628500E7 ;EriteriaTV2

B 1FFF 12612:02590:V:030:0065 EDF006E3628500E7 ;EriteriaTV2

##31.5E -Astra 1G (31.5ЎгE)[2]

B 1FFF 12168:27500:V:031:1C85 2C3150AD009DD26F ;TV 7 Bulgaria

B 1FFF 12090:27500:V:032:1B5E FFFFFFFD01010103 ;TV Centr International

## 33.0# [1]

B 1FFF 11139:04883:H:033:0001 0107060E246968F5 ;Nickelodeon Belgique/MTV Belgique(33ЎгE)

B 1fFF 11161:13958:H:033:0000 D5F0B27714F5A9B2 ;Digea Greek

B 1fFF 11182:13958:H:033:0000 D5F0B27714F5A9B2 ;Digea Greek

## 36.0# [4]

B 1FFF 11109:03405:V:036:0002 1111113311111133 ; Feed

B 1FFF 11109:03405:V:036:0A00 1AEF01FA0EDEF1CD ; Feed

B 1FFF 12521:04340:H:036:0001 A33130046167824A ; Lider TV

B 1FFF 12626:02890:V:036:0001 ADCF96F275348029 ; Al Jazeera Feed

## 38.0E

B 1FFF 4004:3333:V:038:0000 2A4D6DAA7E3A7FAA ;PTV Sports

## 39.0E [1]

B 1FFF 11486:02509:H:039:0002 1111113311111133 ; Feed

## 40.0E [1]

B 1FFF 03675:33483:H:040:0000 0327022C106251C3 ;Rossiya 1 (0h)(40ЎгE)

## 42.0E [13]

B 1FFF 11041:08400:V:042:0001 1000001000000000 ; TRT HD

B 1FFF 11041:08400:V:042:0002 1000001000000000 ; TRT-1 HD

B 1FFF 11042:08400:V:042:0001 1000001000000000 ; TRT HD

B 1FFF 11042:08400:V:042:0002 1000001000000000 ; TRT-1 HD

B 1FFF 11047:02400:V:042:0001 2012ABDDCD2012FF ; XAZAR TV

B 1FFF 11048:02400:V:042:0001 2012ABDDCD2012FF ; XAZAR TV

B 1FFF 11049:02400:V:042:0001 2012ABDDCD2012FF ; XAZAR TV

B 1FFF 11054:30000:H:042:0001 A02123E43546148F ; NTV

B 1FFF 11054:30000:H:042:0003 A02123E43546148F ; NTV Spor

B 1FFF 11054:30000:H:042:0007 1000001000000000 ; Star TV

B 1FFF 11472:23450:H:042:0001 002005250019566F ; 1 TV GEORGIA

B 1FFF 11472:23450:H:042:0006 1000001000000000 ; IMEDI TV

B 1FFF 11472:23450:H:042:0005 DBA545B5FDE36232 ; Rustavi 2

B 1FFF 11555:27500:V:042:0011 1000001000000000 ; FOG TV

B 1FFF 11556:27500:V:042:0011 1000001000000000 ; FOG TV

B 1FFF 11791:16000:H:042:0002 1000001000000000 ; A Haber

B 1FFF 11791:16000:H:042:0006 A0B650A6FB52CE0B ; FEED

B 1FFF 11804:24444:H:042:0001 1000001000000000 ; CNN TЬRK

B 1FFF 11804:24444:H:042:0023 1000001000000000 ; TV2

B 1FFF 11804:24444:V:042:0029 B053242705808308 ; DHA Feed

B 1FFF 11804:24444:V:042:0051 BABA006400000000 ; SERVICE 1

B 1FFF 11804:24444:V:042:0052 BABA006400000000 ; SERVICE 2

B 1FFF 11896:11200:H:042:0016 1000001000000000 ; A Haber HD

B 1FFF 11918:24440:V:042:0001 1000001000000000 ; TRT 1

B 1FFF 11918:24440:V:042:000C 1000001000000000 ; TRT 3

B 1FFF 11918:24440:V:042:0005 1000001000000000 ; TRT HABER

B 1FFF 11918:24440:V:042:0009 1000001000000000 ; TRT TURK

B 1FFF 11918:24444:V:042:0001 1000001000000000 ; TRT 1

B 1FFF 11918:24444:V:042:000C 1000001000000000 ; TRT 3

B 1FFF 11918:24444:V:042:0005 1000001000000000 ; TRT HABER

B 1FFF 11918:24444:V:042:0009 1000001000000000 ; TRT TURK

B 1FFF 11919:24444:V:042:0001 1000001000000000 ; TRT 1

B 1FFF 11919:24444:V:042:000C 1000001000000000 ; TRT 3

B 1FFF 11919:24444:V:042:0005 1000001000000000 ; TRT HABER

B 1FFF 11919:24444:V:042:0009 1000001000000000 ; TRT TURK

B 1FFF 11973:07200:H:042:0001 1000001000000000 ; FOX

B 1FFF 12130:27500:V:042:0018 1000001000000000 ; Rd\_Vtn\_M

B 1FFF 12130:27500:V:042:0019 1000001000000000 ; Rd\_Vtn\_T

B 1FFF 12596:03700:V:042:0067 DBA545B5FDE36232 ; Rustavi 2

B 1FFF 12609:03700:V:042:0001 1000001000000000 ; Imedi TV

B 1FFF 12679:08888:V:042:0001 1000001000000000 ; 24

## 46.0ЎгE AzerSpace 1/Africasat 1a

B 1FFF 11095:27500:H:046:00B2 1000001000000000 ; TRT 1

B 1BB2 11169:20400:H:046:0001 1234569C654321C9 ; AzTV Azerbaycan

B 1F9A 11169:20400:H:046:0003 1212123612121236 ; Ictimai TV

B 17CA 11169:20400:H:046:000B 345345CC345345CC ; Idman\_Azerbaycan

B 13E2 11169:20400:H:046:0007 1234569C654321C9 ; Medeniyet\_TV

## 47.0E

B 1FFF 11500:03750:H:047:0001 5AFED931031CF716 ; Stan Sport ( NTV SPORT)

B 1FFF 11661:27500:V:047:0001 1001102100000000 ; maghreb ARABE

## 49.0E [5]

B 1FFF 03940:07500:V:049:0001 260839671204384E ;TVS Severnaya Dvina(49ЎгE)

B 1FFF 03940:07500:V:049:0003 0327022C106251C3 ;GTRK Pomorie(49ЎгE)

B 1FFF 03947:02963:V:049:0001 AE7AB2DAC00906CF ;ART Prime Sports(49ЎгE)

B 1FFF 03962:08570:V:049:0002 0327022C106251C3 ;Telekanal Rossiya Tyumen(49ЎгE)

B 1FFF 03970:04275:V:049:0001 0327022C106251C3 ;GTRK Yamal(49ЎгE)

## 53.0E Express-AM22 [10]

B 1FFF 11044:44950:V:053:0002 6BA1E5E174BBCAE9 ; Disney

B 1FFF 11044:44950:V:053:000C 0000000000000101 ; Nash Dom

B 1FFF 11161:05785:V:053:0001 10091922362462BC ; STV

B 1FFF 12669:22500:V:053:177A 123CD816AB982558 ; CH1-SCR

B 1FFF 12669:22500:V:053:177B 123CD816AB982558 ; CH2-SCR

## 56.5E [1]

B 1FFF 12551:09404:H:056:3779 03111000C0DE0000 ;BTV(56.5ЎгE)

## 60.0E [1]

B 1FFF 10982:03170:H:060:7937 1234569C1234569C ; MirBelogorya

## 62.0E [3]

B 1FFF 11555:30000:V:062:0003 1111113311111133 ;IRIB TV(62ЎгE)

B 1FFF 11555:27500:V:062:000A 1010101010101010 ;PRESS TV(62ЎгE)

B 1FFF 11177:03333:H:062:0000 C48DAF008FDA9700 ;Kanal D Romania(62ЎгE)

## 69.0E [1]

B 1FFF 11512:30000:H:069:0002 1A6B1C001D95FF00 ;NTN Ukraine(69ЎгE)

## 75.0E [3]

B 1FFF 12640:22000:V:075:012C 12345600789ABC00 ;STS Feed(75ЎгE)

B 1FFF 12704:03900:V:075:0001 29C53700F8F46100 ;NTS(75ЎгE)

B 1FFF 12640:22000:V:075:0190 112345006789AB00 ;Telekanal Domashniy(75ЎгE)

## 90.0E [10]

B 1FFF 03582:04275:H:090:0001 0327022C106251C3 ;Chitinskaya GTRKL(90ЎгE)

B 1FFF 03594:04275:H:090:0001 0327022C106251C3 ;GTRK BiraI(90ЎгE)

B 1FFF 03645:28000:H:090:0011 2608396712043811 ;Rossiya 2(90ЎгE)

B 1FFF 03729:04285:H:090:0001 0327022C106251C3 ;DVTRK DalnevostochnayaK(90ЎгE)

B 1FFF 03918:04275:H:090:0001 0327022C106251C3 ;GTRK El-AltaiE(90ЎгE)

B 1FFF 03923:03570:H:090:0001 0327022C106251C3 ;Rossiya 1 Tver(90ЎгE)

B 1FFF 11092:30000:H:090:0003 C12345296789AB8B ;CTC+7

B 1FFF 11092:30000:H:090:0004 ABC1238F45678925 ;DTV+7

B 1FFF 11092:30000:H:090:0005 D12345396789AB8B ;Home +7

B 1FFF 12648:27500:H:090:0004 A260696B7182988B ;TV Yg Don

## 95.0E [1]

B 1FFF 12729:26400:H:095:0005 0000000001234569 ;Manmin TV(95ЎгE)

## 105.5E

B 1FFF 03710:11395:V:105:000B 12345AA0BC6789AC ;BTV

B 1FFF 12352:30000:V:105:0003 1111113311111133 ;IRIB TV 3(105.5ЎгE)

B 1FFF 12641:11166:V:105:0003 11223366445566FF ;IRIB TV 3(105.5E)

## 140.0E

#B 1FFF 03577:04285:H:140:0001 0327020010625100 ;GTRK Magadan(140ЎгE)

#B 1FFF 03589:04340:H:140:0134 0327020010625100 ;GTRK Amur(140ЎгE)

#B 1FFF 03608:04340:H:140:0000 0327020010625100 ;GTRK Kamchatka(140ЎгE)

#B 1FFF 03627:04240:H:140:0000 0327020010625100 ;GTRK Sakha(140ЎгE)

#B 1FFF 03632:04340:H:140:0001 0327020010625100 ;GTRK Vladivostok(140ЎгE)

#B 1FFF 04180:04340:H:140:0001 0327020010625100 ;GTRK Sakhalin(140ЎгE)

#B 1FFF 03675:33483:H:140:0002 0327020010625100 ;Rossiya 1(8h)(140ЎгE)

#B 1FFF 03675:33483:H:140:0006 0327020010625100 ;Rossiya 1(6h)(140ЎгE)

#B 1FFF 03675:33483:H:140:0004 260839671204384E ;Rossiya 2(140ЎгE)

##1.0W

B 1FFF 11093:15551:H:001:000B 1000001000000101 ;Alpha Sat

B 1FFF 12735:08800:V:001:0006 0035568B62021175 ;Tshm4

## 4.0W Atlantic Bird 4A

B 1FFF 10722:27500:H:004:0003 654321C91234569C ; 1PLUS1

B 1FFF 10722:27500:H:004:0004 107220A215050711 ; TV KYIV

B 1FFF 10759:30000:H:004:000D 1006102611071129 ; Pershiy Nationalny

B 1FFF 11389:27500:H:004:0001 AC1234E24321CA2E ; Inter

B 1FFF 11389:27500:H:004:0009 1234ACE21234ACE2 ; Inter+

B 1FFF 11389:27500:H:004:0003 ABCDEF47FEDCBA74 ; K1

B 1FFF 11389:27500:H:004:000c 1A2B3C61C3B2A116 ; RTR Planeta

B 1FFF 11389:27500:H:004:000B 1122336633221166 ; XSPORT

B 1FFF 11629:02400:H:004:0008 2222226622222266 ; TV 1

## 5.0W

B 1FFF 11059:23700:H:005:025C 1100000000000000 ;ENTV

B 1FFF 12655:03750:H:005:0001 2604ABD5CD197056 ;Juventus TV

## 7.0W

B 1FFF 11059:23700:H:005:025C 1100000000000000 ;ENTV

B 1FFF 12322:27500:V:007:0009 12AB34F1CD56EF12 ;Al Arabiya

B 1FFF 12322:27500:V:007:000A 12AB34F1CD56EF12 ;Al Arabiya Al Hadath

B 1FFF 12322:27500:V:007:000C 1212123612121236 ;MBC MASR USA

## 8.0W

B 1FFF 11065:18085:H:008:025C 1100000000000000 ;ENTV(8ЎгW)

B 1FFF 11083:02586:H:008:0001 A1B2C300D4E5F600 ;Al Raie(8ЎгW)

## 11.0W

B 1FFF 11651:04800:H:011:0000 2D737E1E30543BBF ;Spain Liga BBVA

##12.5W

B 1FFF 11329:03500:H:012:0001 3419024F731930BC ; Exotica Channel

B 1FFF 11344:02400:H:012:0001 1000001000000000 ; FOG TV

B 1FFF 12419:13828:H:012:0001 9574AAA343E287AC ; Eurosport

## 15.0W

B 1FFF 12515:07552:V:0015:0385 25E46770DD0C14FD ; Espn 901 Caribbean

B 1FFF 12515:07552:V:0015:0386 6A7F533CE4B3D168 ; Espn 902 Syndicatio

B 1FFF 12645:03255:H:0015:0001 F2D4CE841B67B123 ; EARTH TV

## 22.0W

B 1FFF 12674:20255:H:022:0004 1100000000000000 ;ENTV(Programe nat)(22ЎгW)

## 24.5W

B 1FFF 11675:27500:H:024:000B 897186801207213A ;NBA TV(Intelsat 905)(24.5ЎгW)

B 1FFF 11513:27500:H:024:09C4 2014124634201468 ;Tele Madrid Intelsat

## (27.5ЎгW) Intelsat 907

B 1FFF 11495:44100:V:027:0000 AD2C20F91406031D ;BBC Package

## 30.0W

B 1FFF 10730:27500:H:030:0007 F9E8D7A8C6B5A41F ; FOX Sports HD

B 1FFF 10890:27500:V:030:01F4 12481660326412A8 ; TVI Internacional

##40.5W

#B 1FFF 04142:02222:V:040:0001 2FB60239D4D8C4D6 ;JBN TV(40.5ЎгW)

#B 1FFF 03803:27500:V:040:0516 2FB60239D4D8C4D6 ;SIC Internacional(40.5ЎгW)

## 55.5W

#B 1FFF 04084:10318:H:055:006E 1371130037111300 ;Canal 3 El Super Canal(55.5ЎгW)

#B 1FFF 04084:10318:H:055:0078 1371130037111300 ;Televisiete(55.5ЎгW)

#B 1FFF 04084:10318:H:055:0082 1371130037111300 ;TeleOnce(55.5ЎгW)

#B 1FFF 04084:10318:H:055:008C 1371130037111300 ;receVision(55.5ЎгW)

#B 1FFF 04111:04000:H:055:0192 1604516B14025369 ;Canal 6(55.5ЎгW)

######################################

#Put not important BISS on the last

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## 96.5E [10]

#B 1FFF 04143:03210:V:096:0001 69A42E3B10000010 ;TRV Muji(96.5ЎгE)

#B 1FFF 10980:03200:H:096:0001 0327022C106251C3 ;GTRK Tomsk(96.5ЎгE)

#B 1FFF 04175:03294:H:096:0000 0327022C106251C3 ;GTRK Krasnoyarsk(96.5ЎгE)

#B 1FFF 04114:04285:H:096:0001 0327022C106251C3 ;TRK Irkutsk(96.5ЎгE)

#B 1FFF 04108:04275:H:096:0001 0327022C106251C3 ;GTRK Buryatiya(96.5ЎгE)

#B 1FFF 03843:03200:H:096:0001 0327022C106251C3 ;GTRK Kurganskaya(96.5ЎгE)

#B 1FFF 03838:03230:H:096:0001 0327022C106251C3 ;GTRK Perm(96.5ЎгE)

#B 1FFF 03817:04270:H:096:0001 0327022C106251C3 ;GTRK Altai(96.5ЎгE)

#B 1FFF 03758:04340:H:096:0001 0327022C106251C3 ;GTRK Novosibirsk(96.5ЎгE)

#B 1FFF 03675:33483:H:096:0006 0327022C106251C3 ;Rossiya 1 (+4h)(96.5ЎгE)