# Global Eagle™

# TERMO DE ACEITE TÉCNICO

**Solicitante:** Global Eagle

| **NOC/Operador:** Jefferson de Souza Marques | | **Cliente:** Coimbra Importação e Exportação Ltda. | |
|---|---|---|---|
| **Empresa**<br>Global Eagle | **VSAT-ID**<br>DISTRIBUIDORA_COIMBRA | **Link kbps**<br>4M/1M – 1/20 | **Plataforma**<br>VSAT |

```
SatLink 2000
- Main board ID 120026, Revision R6.2
- SW ID 120208, Revision 16.0.1 Build 57
# device show
System Information:
    Name                : DISTRIBUIDORA_COIMBRA
    Location            : Guajar▒ Mirim-RO
    Contact             :
    System Up time      : 2 days, 00:20:23
    CPU Load            : 28%
    System time(UTC)    : 05 February 2018 19:57:37
    Broadcast Message   : not set

HW:
    Model               : SatLink 2000
    HW ID               : 120033
    Main board ID       : 120026 R6.2

MAC addresses:
    Ethernet (LAN)      : 00:20:0e:10:72:00
    Satellite (DVB)     : 00:20:0e:10:72:00

# sw show

SW versions:
    Boot                : 14.0.1.19
    Current             : 16.0.1.57
    Backup              : 15.0.0.34

Manual SW upgrade settings:
    Server IP addr      : 10.10.1.1
    File name           : new.tgz

Automatic SW upgrade settings:
    Activated           : No
    PID                 : 511
    IP address          : 224.0.1.59
    Port No.            : 57001

Licenses for SW options:
    GRE
    PEP-TCP
    QOS-4
    RAC
    PEP-HTTP
    VLAN
    DVBS2-16APSK
    TRANSEC
```

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```
# dvb rx show

Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max Traffic MODCOD   : 23   16APSK-9/10
RX watchdog          : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz] Mode   PopId  SatId  Pos  SatName         Name
Enable
  0   0    30.000000      12.050000 DVB-S2 4            0    0.0 E
Yes
  1   1    25.333333      12.050000 DVB-S2 4            0    0.0 E
Yes
* 7   7    30.000000      12.050000 DVB-S2 4            0    0.0 E
Yes


Satellite (DVB) Receiver Status
-------------------------------
Rx State             : On
DVB State            : Forward link up
Network              : 1326,  T14R Beam
Frequency            : 12.050068 GHz
Symbol Rate          : 29.999769 Msps
S2 ModCod
      - receiving    : 13   8PSK-2/3
      - current max  : 18   16APSK-2/3
Pilot                : On
Frame length         : Short
DVB S2 Mode          : ACM
DVB S2 Stream type   : MPEG-TS
Roll off             : 0.20
SNR                  : 11.5 dB
Input Power          : -35 dBm

# dvb tx show

Satellite (DVB) TX Configuration
-------------------------------
Auto start           : Enabled
IDU Output Power     : -20 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 34.3 dBm
EIRP                 : 51.0 dBW
Default CW Frequency: 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   :  None



Satellite (DVB) Transmitter Status
-------------------------------
State                : On  (DVB-RCS)
IDU Output Power     : -16.3 dBm
ODU Output Power     : 34.4 dBm
EIRP                 : 51.1 dBW
Es/No                : 11.5 dB
Header Compression   : Disabled
Timing correction    : -123 us (245148 us)
Frequency correction: 30 Hz
```

```
# dvb cr show

Capacity parameters per channel:
-------------------------------
Channel  CRA[kbps]  Allocated[kbps]
      0         0              0

Requested capacity per QoS class:
-------------------------------
Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs] Description
      0       0          1024         102             2            0 Best Effort
      0       1             0           0             0            0 VoiP
      0       2             0           0             0            0 ViC
      0       3            32           3             0            0 Critical Data

RBDC timeout 5 VBDC timeout 20

VBDC computation interval 200 ms (configured 0)

# odu show

Antenna
---------------------
Type                          BrasilSat SOB107-18  - 1.8m
Antenna controller            None
Tx Gain at 14.25 GHz          46.7dB

Transmitter (BUC)
------------------------------
Type                          SatLink 4035 (14.0-14.5 GHz)
ODU Serial No.                1065460402030809034000000
ODU HW Version                4.2
ODU SW Version                1.3
Local oscillator              13.050000 GHz
DC supply                     24V On
Temperature                   46 Deg C

Receiver (LNB)
----------------------------
Type                          SatLink 403x (10.70-12.75 GHz)
Local oscillator - LO1        9.750000 GHz
Local oscillator - LO2        10.600000 GHz
Oscillator switching frequency 1-2  11.700000 GHz
LO Switching mode             22kHz
13/18V DC supply              13V

#
```