TERMO DE ACEITE TÉCNICO

Solicitante: GEE

NOC/Operador: Bruno Carvalho.

Cliente: Infortread

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	INFORTREAD-PREF-SPO_II	10M/5M	VSAT

```
# device show
System Information:
    Name                : INFORTREAD-PREF-SPO II
    Location            : São Paulo de Olivença - AM
    Contact             :
    System Up time      : 1 day, 02:14:26
    CPU Load            : 44%
    System time(UTC)    : 12 April 2017 15:54:42
    Broadcast Message   : not set

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

MAC addresses:
    Ethernet (LAN)      : 00:20:0e:10:64:24
    Satellite (DVB)     : 00:20:0e:10:64:24

#


# dvb tx show

Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -16 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 33.0 dBm
EIRP                : 50.0 dBW
Default CW Frequency: 14.125750 GHz
ATM mode            : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
--------------------------------
State               : On  (DVB-RCS)
IDU Output Power    : -19.8 dBm
ODU Output Power    : 32.8 dBm
EIRP                : 49.8 dBW
Es/No               : 15.0 dB
Header Compression  : Disabled
Timing correction   : -174 us (250078 us)
Frequency correction: -130 Hz
#
```

```
# 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    15.000000      12.059000 DVB-S2 4           0   0.0 E
Yes
  1  1     9.320000      12.055825 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             : 12.059007 GHz
Symbol Rate           : 14.999959 Msps
S2 ModCod
      - receiving     : 21   16APSK-5/6
      - current max   : 21   16APSK-5/6
Pilot                 : On
Frame length          : Short
DVB S2 Mode           : ACM
DVB S2 Stream type    : MPEG-TS
Roll off              : 0.20
SNR                   : 14.8 dB
Input Power           : -31 dBm
#
```

```
# dvb cr show

Capacity parameters per channel:
--------------------------------
Channel  CRA[kbps]  Allocated[kbps]
     0          0               57


Requested capacity per QoS class:
---------------------------------
Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs]
Description
     0       0          1114         111            12           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)
#

# ip pep show
PEP Status             : enabled
PEP TCP Mode           : Transparent Mode

Func   Max(Allowed)     Total  Current   Transp   Failed  MAX Pep since start
 TCP   600(  4050)     300994      140    11384        0                  601

TCP Packet statistics:
  Rx=28880717, Out of seq=448523, Duplicates=390
  Tx=20886610, Sat Retransmitted=4036,Lan Retransmitted=47137
#



IP DVB 172.18.192.201 /32
```