TERMO DE ACEITE TÉCNICO

Solicitante: GEE

NOC/Operador: Rogério Frias

Cliente: Infortread

Empresa Global Eagle	VSAT-ID INFORTREAD-PREF-SPO	Link kbps 10240k/5120k	Plataforma VSAT

```
# device show
System Information:
  Name           : INFORTREAD-PREF-SPO
  Location       : São Paulo de Olivença - AM
  Contact        :
  System Up time     : 0 days, 22:47:07
  CPU Load       : 37%
  System time(UTC)   : 11 April 2017 16:16:06
  Broadcast Message   : not set

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

MAC addresses:
  LAN            : 00:20:0e:10:83:ea
  Satellite (DVB)    : 00:20:0e:10:83:ea




# dvb rx show

Satellite (DVB) RX Configuration
-------------------------------
Auto start       : Enabled
Max Signalling MODCOD : 23   16APSK-9/10
Max Traffic MODCOD   : 28   32APSK-9/10
RX watchdog       : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz] Mode  PopId  SatId Pos  SatName      Name      Enable
* 0   0   10.680000     12.164510 DVB-S2 103      0   0.0 E                 Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State      : On
DVB State     : Forward link up
Network      : 1326,  Anik G1 Beam
Frequency     : 12.165928 GHz
Symbol Rate    : 10.680004 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     : 0.25
SNR        : 13.0 dB
Input Power    : -38 dBm
```

```
# dvb tx show

Satellite (DVB) TX Configuration
--------------------------------
Auto start        : Enabled
BUPC status       : Disabled
IDU Output Power  : -15 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power  : 33.0 dBm
EIRP              : 50.0 dBW
Default CW Frequency: 141.131100 GHz
ATM mode          : VC-Mux
Header Compression : None


Satellite (DVB) Transmitter Status
--------------------------------
State             : On  (DVB-RCS)
IDU Output Power  : -14.9 dBm
ODU Output Power  : 33.1 dBm
EIRP              : 50.1 dBW
Es/No             : 12.0 dB
Header Compression : Disabled
Timing correction : -324 us (264810 us)
Frequency correction: -1130 Hz




# odu show

Antenna
---------------------
Type                     ASC/Andrew/Channel Master Type 184 - 1.8m
Antenna controller         None
Tx Gain                 47.0dB

Transmitter (BUC)
-------------------------------
Type                    SatLink 4033 (14.0-14.5 GHz)
ODU Serial No.          104804040204090400850000
ODU HW Version           4.2
ODU SW Version           1.3
Local oscillator        13.050000 GHz
DC supply               24V On
Temperature             47 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



# dvb cr show

Capacity parameters per channel:
-------------------------------
Channel  CRA[kbps] Allocated[kbps]
    0       0          180
```

```
Requested capacity per QoS class:
--------------------------------
Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs] Description
   0      0       1048          105           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 12

VBDC computation interval 200 ms (configured 0)




# ip mfc show
MfC Classification table
Module: PEP (1)
SubIdx Idx Grp Classification Parms     HitCount
   1  10   1 Dst port =     1..65535   29326




# ping 8.8.8.8 -n10 -if1
Invalid Command
# ping 8.8.8.8 -n 10 -if 1
64 bytes from 8.8.8.8: time=820 ms
64 bytes from 8.8.8.8: time=990 ms
64 bytes from 8.8.8.8: time=1630 ms
64 bytes from 8.8.8.8: time=580 ms
64 bytes from 8.8.8.8: time=650 ms
64 bytes from 8.8.8.8: time=950 ms
64 bytes from 8.8.8.8: time=1040 ms
64 bytes from 8.8.8.8: time=630 ms
64 bytes from 8.8.8.8: time=600 ms
64 bytes from 8.8.8.8: time=590 ms

---  ping statistics ---
10 packets transmitted, 10 received,  0.00 percent packet loss
rtt min/avg/max = 580/840/1630 ms
```