

# TERMO DE ACEITE TÉCNICO

**Solicitante:** INFORTREAD

**NOC/Operador:** Leonardo Martins

**Cliente:** INFORTREAD

**Empresa**  
EMC Brasil

**VSAT-ID**  
INFORTREAD-CAMARA-SPO

**Link kbps**  
1M/512k

**Plataforma**  
VSAT

```
# device show
System Information:
  Name           : INFORTREAD-CAMARA-SPO
  Location        : Sao Paulo de Olivença - SP
  Contact         :
  System Up time  : 0 days, 02:24:38
  CPU Load        : 17%
  System time(UTC) : 20 March 2017 20:45:59
  Broadcast Message : not set
```

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

```
MAC addresses:
  Ethernet (LAN)   : 00:20:0e:10:5e:92
  Satellite (DVB)  : 00:20:0e:10:5e:92
```

```
# 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     : max
EIRP                 : max
Default CW Frequency : 14.131100 GHz
ATM mode              : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
-----
State                : On (DVB-RCS)
IDU Output Power     : -13.6 dBm
ODU Output Power     : 34.5 dBm
EIRP                 : 51.5 dBW
Es/No                : 12.5 dB
Header Compression   : Disabled
Timing correction     : -321 us (264801 us)
Frequency correction : -950 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[Mbps]	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        : 12.164647 GHz
Symbol Rate      : 10.679973 Msps
S2 ModCod
- receiving      : 15      8PSK-5/6
- current max    : 14      8PSK-3/4
Pilot            : On
Frame length     : Short
DVB S2 Mode      : ACM
DVB S2 Stream type : MPEG-TS
Roll off         : 0.25
SNR              : 10.9 dB
Input Power      : -36 dBm
# odu show
```

#### Antenna

```
-----
Type              ASC/Andrew/Channel Master Type 184 - 1.8m
Antenna controller  None
Tx Gain at 14.25 GHz 47.0dB
```

#### Transmitter (BUC)

```
-----
Type              SatLink 4033 (14.0-14.5 GHz)
ODU Serial No.    104804040203090600240000
ODU HW Version    4.2
ODU SW Version    1.3
Local oscillator  13.050000 GHz
DC supply         24V On
Temperature       44 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 cw sho
No Such Command
# 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           612           61           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)

#