



# TERMO DE ACEITE TÉCNICO

**Solicitante:** Global Eagle

**NOC/Operador:** Jefferson de Souza Marques

**Cliente:** SICOOB-CREDIP

**Empresa**  
Global Eagle

**VSAT-ID**  
SICOOB-CREDIP-COTRIGUACU

**Link kbps**  
256k/128k – 1/10

**Plataforma**  
VSAT

#

**System Information:**

Name : SICOOB-CREDIP-COTRIGUACU  
Location : cotriguaçu - MT  
Contact :  
System Up time : 4 days, 15:51:00  
CPU Load : 24%  
System time (UTC) : 06 February 2018 17:50:10  
Broadcast Message : not set

**HW:**

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

**MAC addresses:**

Ethernet (LAN) : 00:20:0e:10:64:5f  
Satellite (DVB) : 00:20:0e:10:64:5f

Transec not Supported by this device !

# sw show

**SW versions:**

Boot : 14.0.1.19  
Current : 16.0.1.57  
Backup : 14.1.2.70

**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  
VLAN  
DVBS2-16APSK

# dvb rx show

Satellite (DVB) RX Configuration

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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	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									

Satellite (DVB) Receiver Status

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Rx State : On  
DVB State : Forward link up  
Network : 1326, T14R Beam  
Frequency : 12.050020 GHz  
Symbol Rate : 29.999676 Msps  
S2 ModCod  
- receiving : 14 8PSK-3/4  
- 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 : 13.4 dB  
Input Power : -38 dBm

# dvb tx show

Satellite (DVB) TX Configuration

-----  
Auto start : Enabled  
IDU Output Power : -20 dBm  
IDU Max Output Power: 0.0 dBm  
Default CW Frequency: 0.000000 GHz  
ATM mode : VC-Mux  
Header Compression : None

Satellite (DVB) Transmitter Status

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State : On (DVB-RCS)  
IDU Output Power : -20.2 dBm  
Es/No : 13.0 dB  
Header Compression : Disabled  
Timing correction : -139 us (245116 us)  
Frequency correction: 0 Hz

# odu show

Antenna

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

Transmitter (BUC)

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Type JRC NJT5017 (14.0-14.5 GHz)  
Local oscillator 13.050000 GHz  
DC supply 24V On

Receiver (LNB)

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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:

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Channel	CRA[kbps]	Allocated[kbps]
0	0	7

Requested capacity per QoS class:

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Channel	CRClass	MaxRBDC[kbps]	MaxVBDC[kB]	RateReq[kbps]	VolReq[octs]	Description
0	0	128	13	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)

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