



April 3, 2008

APPLICATIONS NOTE 125

Typical TiemPo Commands/Responses

Here are some typical command and response samples to use on a typical TiemPo 6400. These can be used with CXR Live software, or they can be used directly from a Hyperterminal session.

Login:

```
ACT-USER::sysadmin:CTAG::-vista;
```

Logout:

```
CANC-USER::sysadmin:CTAG;
```

Set System ID:

```
SET-SID::CTAG:SITENAME1;
```

Set management IP address:

```
SET-MGMT-
```

```
IP::CTAG:MODE=STATIC,SUBNET=255.255.255.0,IP=123.456.7,890,GATEWAY=123.456.7.891;
```

Test Antenna:

```
RTRV-GPS::GPS1:CTAG::$BITS;
```

Response: gps1: \$BITS,0000 (0000=normal)

Check # of Satellites visible:

```
RTRV-GPS::GPS1:CTAG::$SIGQ;
```

Response: gps1:

```
$SIGQ,05,41,N,09,00,N,11,00,N,12,32,N,14,00,N,18,45,N,19,00,N,22,35,N,30,43,N,31,40,N,32,00,N
```

(first digits=sat #, second digits=quality/strength from 0 to 50+ where 40 or more is good, ignore N)

Verify Output Card Configuration:

```
RTRV-OUTPUT-FREQ::MAIN-Output1:CTAG;
```

Response: main:Slot=1:T1FMT=t1-

```
esf:E1FMT=e1:SSMLEVEL=prs:SSMVALUE=32:SSMUserEnable=no
```

(should read exactly like above)

Verify Output SSM messaging:

```
RTRV-OUTPUT-SSM::MAIN-OUTPUT1:CTAG;
```

Response: Shelf:main,Slot:1:INPUT=link1,SSM=prs,STATUS=enable

(should read as above)

Verify Output Ports:

```
RTRV-OUTPUT-PORT::MAIN-Output1-ALL:CTAG;
```

Response:

```
main,OUT:1-1:PORTTYPE=t1,PORTNAME=anyname,PORTSTAT=enable
```

```
main,OUT:1-2:PORTTYPE=t1,PORTNAME=anyname,PORTSTAT=enable
```

```
main,OUT:1-3:PORTTYPE=t1,PORTNAME=anyname,PORTSTAT=enable
```

```
main,OUT:1-4:PORTTYPE=t1,PORTNAME=anyname,PORTSTAT=enable
```

```
main,OUT:1-5:PORTTYPE=t1,PORTNAME=anyname,PORTSTAT=enable
```

```
main,OUT:1-6:PORTTYPE=t1,PORTNAME=anyname,PORTSTAT=enable
```

```
main,OUT:1-7:PORTTYPE=t1,PORTNAME=anyname,PORTSTAT=enable
```



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main,OUT:1-8:PORTTYPE=t1,PORTNAME=anyname,PORTSTAT=enable
(should read as above)

Verify Output Card Type Configuration:

RTRV-CARD::MAIN-Output1:CTAG;

Response: main: SLOT 1: cardTypeOutputFrequency, T1/E1/CC/SQW, 01010101, 1.1.1.1, C000000,
active

Verify Output Status:

RTRV-OUTPUT-RED::MAIN-Output1:CTAG;

Response: main:Slot=1:State=active

Set Output Card Type:

ED-OUTPUT-CARD::MAIN-Output1:CTAG::cardTypeOutputFrequency;

Set SSM Output Messaging:

ED-OUTPUT-SSM::MAIN-OUTPUT1:CTAG::SSM=PRS,STATUS=ENABLE,INPUT=LINK1;

Set Output Ports:

ED-OUTPUT-PORT::MAIN-Output1-

ALL:CTAG::PORTTYPE=T1,PORTNAME=anyname,PORTSTAT=ENABLE;

Set Output Format:

ED-OUTPUT-FREQ::MAIN-Output1:CTAG::T1FMT=T1-

ESF,E1FMT=E1,SSMLEVEL=PRS,SSMVALUE=123,SSMUserEnable=NO;