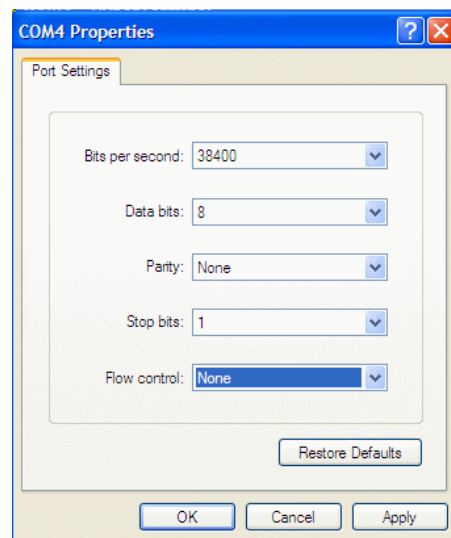


### MR100 Hyperterminal Fix

This is a technical briefing document to address questions about how to use HyperTerminal to check the settings/change the settings of the firmware in the MR100.

- 1) **To begin, turn on the MediaRacer unit.**
- 2) **Connect the HyperTerminal cable from the computer to the RS485/232 port.**
- 3) **The HyperTerminal application will automatically open. You will see the command prompt arrow.**

If the HyperTerminal program does not automatically launch, manually launch the program and tell HyperTerminal to open a new connection. Name this connection MAVIX, and tell the unit to connect via the open COM port on your computer (where you have plugged in the cable). This may lead to an immediate connection. If not, you will need to set the communications setting to:



- 4) **Press Control X, Enter – the unit will reboot. Press any key within the 3 seconds.**
- 5) **The following information will appear on the screen:**

Press any key to stop auto-boot : 3  
[VxWorks Boot]:

- 6) **If you wish to completely reset the unit, press F**  
Press any key to stop auto-boot : 3  
[VxWorks Boot]: F

**The unit will now be reset to IP address 192.200.10.20**  
\*\*\*\*\*

**STOP HERE IF YOU ARE SIMPLY RESETTING THE UNITS – THE FOLLOWING INFORMATION IS FOR ADVANCED USERS ONLY**

**7) If you wish to change settings, press “c” for change (as shown below)**

Press any key to stop auto-boot : 3

[VxWorks Boot]: c

**8) This will result in the following: (you will get one line at a time, press “enter” to accept and move to the next line. If any line is not as written below, manually change it by typing the correct ANSWER and hitting enter: (for example, you can change the IP address but \*do not change the fffff00 suffix\*)**

'.' = clear field; '-' = go to previous field; ^D = quit

```
boot device      : flash0
processor number : 0
host name       : fred
file name       : /flash0/vxworks.bin
inet on ethernet (e) : 192.200.10.30:fffff00
inet on backplane (b):
host inet (h)    : 192.200.10.10
gateway inet (g) :
user (u)        : fred
ftp password (pw) (blank = use rsh): mavix
flags (f)       : 0x0
target name (tn) : jaguar
startup script (s) :
other (o)       : motfec
```

**9) The result is that you can type in the correct fields if they are not correct. Below is a copy of the good boot. Good Boot . Do not touch any key for 3 seconds**

Press any key to stop auto-boot : 0

auto-booting...

Attaching to flash disk device... done.

Loading /flash0/vxworks.bin...

Starting at 0x100000...

Searching PCI Device... Found 1 PCI board(s).

0xffffdf8 (tRootTask): motFecPhyInit check cable connection

Attached TCP/IP interface to motfec unit 0

Attaching interface lo0...done

Adding 5659 symbols for standalone.

Mediaracer 100

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CPU: Motorola PowerPC 855T  
VxWorks: 5.4.2  
BSP version: 1.0/0  
Creation date: Jan 14 2004  
WDB: Ready.

-> Loading environment:

```
kernel...
SNTP service activated (SNTP Server : 192.200.10.10)
network layer...
... Initialized local connection interface
... Initialized udp interface 192.200.10.30
Init Equator (311,104): 'codec.out'...
eti_board(0): brd_open(): CPU: Equator Technologies, Inc. BSP-15.
eti_board(0): brd_open(): board: Mavix Jaguar (0xf)
Loading Codec ...
Starting Codec ...
Codec Name : Mpeg4 (RCC) 6.1.5 build 0 (beta)
Codec Version : Major = 2, Minor = 1
MAP(0): init/drvinit.c -- Initializing drivers, version 50502,
MAP(0): init/drvinit.c -- compiled on Jan 14 2004 at 14:20:17.
EtiDrv Started.
Video...
... Video Decoder Found.
NTSC/PAL(1/0) 1
... OSD Initialized.
... Video Encoder Found.
Resolution:(0-FULL) 2
NTSC/PAL(1/0) 1
BitRate 1018000
Quality 10
FrameRate 1
Audio...
... Audio Device Found.
RS232...
Station 6.1.5 build 0 (beta), Api 0.9.8 Jan 14 2004 14:59:14
Enter <help> for the list of the available commands.
```

```
Station> Dio ...
Manager at 0, addr 127.0.0.0 connected.
```

## 10) TO REBOOT

- a. Press Control X and Enter
- b. Do not press any further key!