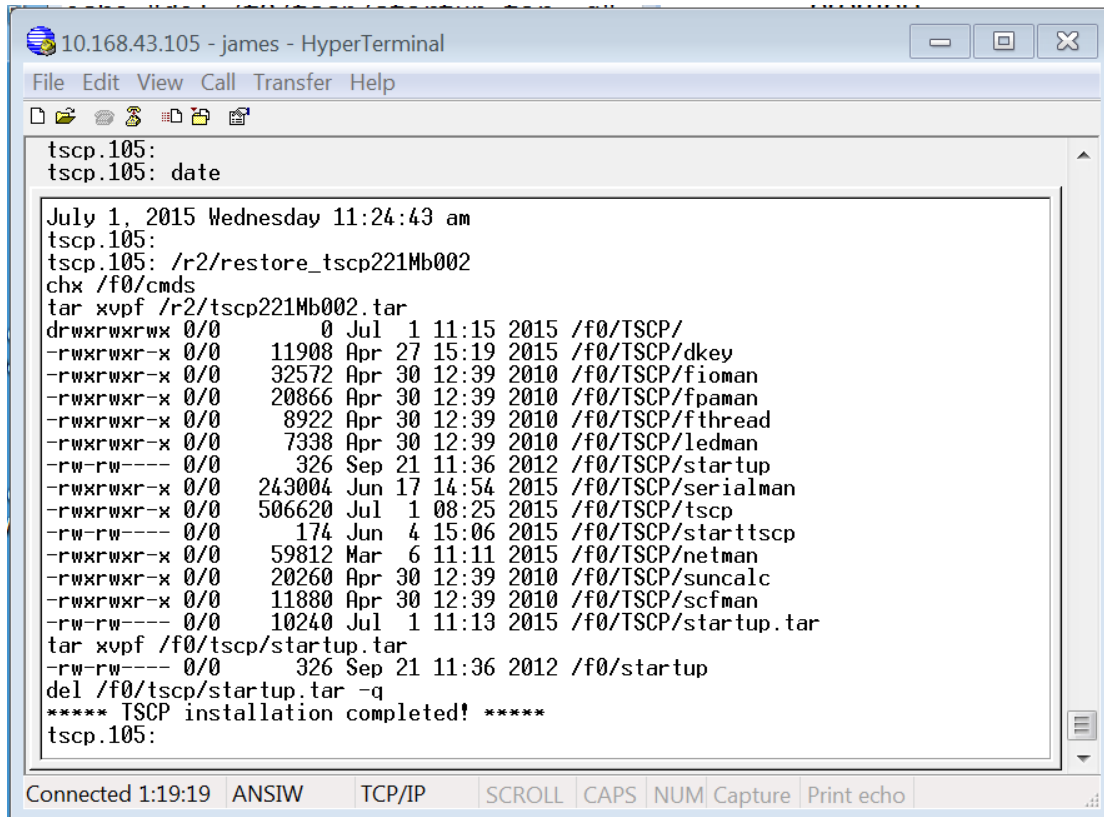


TSCP Quick Installation Guide

To install the TSCP program to the 2070 controller:

1. Transfer the "tscp221Mb002.tar" file and "restore_tscp221Mb002" file to the 2070 controller's /r2 directory (refer to the document "File transfer using HyperTerminal").
2. Run the installation "restore_tscp221Mb002" script file from the OS-9 shell command prompt with the command: \$ /r2/restore_tscp221Mb002 (\$ is the OS-9 shell command prompt).
3. Once the installation is completed, the screen with HyperTerminal should look similar to the screen shown below:



```
tscp.105:
tscp.105: date

July 1, 2015 Wednesday 11:24:43 am
tscp.105:
tscp.105: /r2/restore_tscp221Mb002
chx /f0/cmds
tar xvpf /r2/tscp221Mb002.tar
drwxrwxrwx 0/0      0 Jul  1 11:15 2015 /f0/TSCP/
-rwxrwxr-x 0/0    11908 Apr 27 15:19 2015 /f0/TSCP/dkey
-rwxrwxr-x 0/0    32572 Apr 30 12:39 2010 /f0/TSCP/fioman
-rwxrwxr-x 0/0    20866 Apr 30 12:39 2010 /f0/TSCP/fpaman
-rwxrwxr-x 0/0     8922 Apr 30 12:39 2010 /f0/TSCP/fthread
-rwxrwxr-x 0/0     7338 Apr 30 12:39 2010 /f0/TSCP/ledman
-rw-rw---- 0/0      326 Sep 21 11:36 2012 /f0/TSCP/startup
-rwxrwxr-x 0/0   243004 Jun 17 14:54 2015 /f0/TSCP/serialman
-rwxrwxr-x 0/0   506620 Jul  1 08:25 2015 /f0/TSCP/tscp
-rw-rw---- 0/0      174 Jun  4 15:06 2015 /f0/TSCP/starttscp
-rwxrwxr-x 0/0    59812 Mar  6 11:11 2015 /f0/TSCP/netman
-rwxrwxr-x 0/0    20260 Apr 30 12:39 2010 /f0/TSCP/suncalc
-rwxrwxr-x 0/0    11880 Apr 30 12:39 2010 /f0/TSCP/scfman
-rw-rw---- 0/0    10240 Jul  1 11:13 2015 /f0/TSCP/startup.tar
tar xvpf /f0/tscp/startup.tar
-rw-rw---- 0/0      326 Sep 21 11:36 2012 /f0/startup
del /f0/tscp/startup.tar -q
***** TSCP installation completed! *****
tscp.105:
```

4. After the installation is completed, reboot the 2070 controller
5. After the TSCP v2.20 has been loaded onto the 2070 controller, initialize the 2070 controller with the following keystrokes:
 - Press 9 (utilities)
 - Press 3 (RAM Initialization)
 - Press 1 (Caltrans 332)
 - Press * (press * to initialize controller)