OPERATOR INTERFACE PRODUCTS APPLICATION NOTE

Subject: Softscreen (2000 and 3000) into Channel Zero on AB SLC500   AN# 1001B
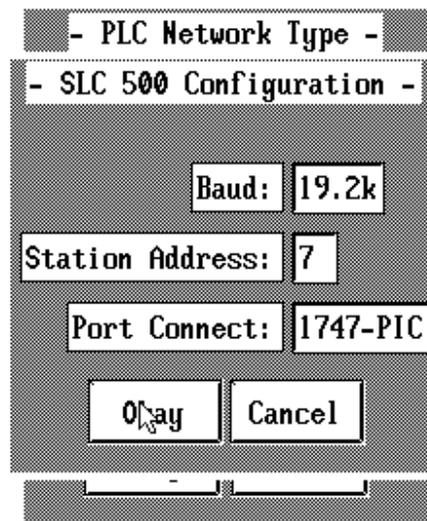Date: 7/16/96
Name: Christopher J. Biernacki
Page: 1 of 7

Description: Proper settings for communications

These are the settings for the 2000 Softscreen Port Configuration that will allow Softscreen to "talk" to a SLC500 PLC via Channel Zero. These may not be the only settings that will allow communications, but these settings have been verified to facilitate communications: [NOTE - A 1747-PIC module is **NOT** necessary for communications]

```
       - PLC Network Type -
      - SLC 500 Configuration -

              Baud:  19.2k

    Station Address:  7

       Port Connect:  1747-PIC

          Okay      Cancel
```

Softscreen settings to allow 2000 Softscreen to connect to Channel 0 on a SLC500 PLC

OPERATOR INTERFACE PRODUCTS APPLICATION NOTE

Description: Proper settings for communications

- PLC Configuration -

Name	Type	Address
PLC0	502	1
PLC1	500	0
PLC2	500	0
PLC3	500	0
PLC4	500	0
PLC5	500	0
PLC6	500	0
PLC7	500	0
PLC8	500	0

Okay   Cancel

Softscreen settings to allow 2000 Softscreen to connect to Channel 0 on a SLC500 PLC

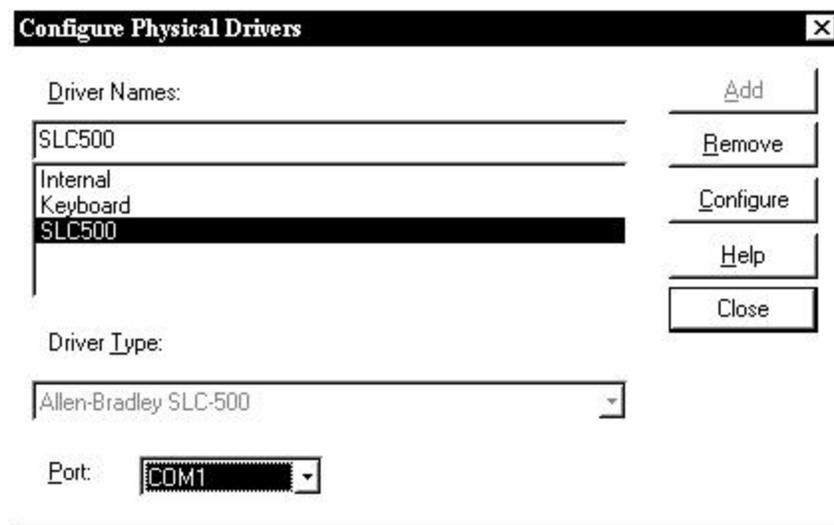Subject: Softscreen (2000 and 3000) into Channel Zero on AB SLC500   AN# 1001B
Date: 7/16/96
Name: Christopher J. Biernacki
Page: 3 of 7

Description: Proper settings for communications

These are the settings for the 3000 Softscreen Driver Configuration that will allow Softscreen to "talk" to a SLC500 PLC via Channel Zero. These may not be the only settings that will allow communications, but these settings have been verified to facilitate communications.

Softscreen settings to allow 3000 Softscreen to connect to Channel 0 on a SLC500 PLC

Subject: Softscreen (2000 and 3000) into Channel Zero on AB SLC500   AN# 1001B
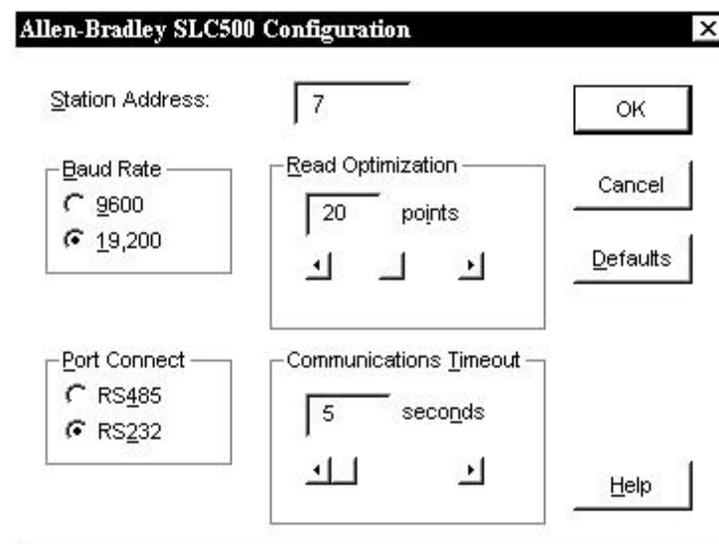Date: 7/16/96
Name: Christopher J. Biernacki
Page: 4 of 7

Description: Proper settings for communications

Softscreen settings to allow 3000 Softscreen to connect to Channel 0 on a SLC500 PLC

Subject: Softscreen (2000 and 3000) into Channel Zero on AB SLC500   AN# 1001B
Date: 7/16/96
Name: Christopher J. Biernacki
Page: 5 of 7

Description: Proper settings for communications

Softscreen settings to allow 3000 Softscreen to connect to Channel 0 on a SLC500 PLC

Subject: Softscreen (2000 and 3000) into Channel Zero on AB SLC500   AN# 1001B
Date: 7/16/96
Name: Christopher J. Biernacki
Page: 6 of 7

Description: Proper settings for communications

```
========================= CHANNEL CONFIGURATION =========================
   CHANNEL 0 CONFIGURATION
            Current Communication Mode: SYSTEM
                     System Mode Driver: DH-485 MASTER
                       User Mode Driver: GENERIC ASCII
                          Write Protect: DISABLED
                          Mode Changes: DISABLED
               Mode Attention Character: \1b
                   System Mode Character: S
                     User Mode Character: U
        Edit Resource/File Owner Timeout: 60      (seconds)
                       Passthru Link ID: 1       (decimal)
   CHANNEL 1 CONFIGURATION
                     System Mode Driver: DH+
                          Write Protect: DISABLED
        Edit Resource/File Owner Timeout: 60      (seconds)
                       Passthru Link ID: 2       (decimal)
```

Allen Bradley APS v5.11 settings to allow Softscreen to connect to Channel 0 on a SLC500 PLC

Subject: Softscreen (2000 and 3000) into Channel Zero on AB SLC500　　　AN# 1001B
Date: 7/16/96
Name: Christopher J. Biernacki
Page: 7 of 7

Description: Proper settings for communications

```
═══════ CHANNEL 0 SYSTEM MODE CONFIGURATION ═══════



        Communication Driver:        DH-485
        Diagnostic File:             Reserved

        Baud Rate:                   19200
        Node Address:                1
        Max Node Address:            31

        Token Hold Factor (1-4):     1



```

**Allen Bradley APS v5.11 settings to allow Softscreen to connect
to Channel 0 on a SLC500 PLC**

**Cable: 2-3, 3-2, 5-5
Primary Port on 2000 jumpered for RS232
Firmware chip: 2000 SS-30
RS232 Port on 3000**