



## Product Type: Controllers Aries to ASC/3 Direct Connect Settings

Reference: AN2070  
Date: March 23, 2007

This application note describes how to establish a direct serial connection between an ASC/3 controller and Aries.

### On the ASC/3 Controller

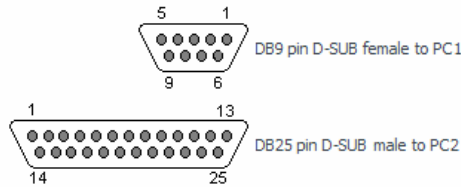
- Use Port 2 or Port 3a
- Set Protocol to NTCIP
- Set Baud Rate to match Aries
- Set Port Protocol Parity to 8, N, 1 Note: This does NOT match Aries Comm Server
- Set Comm Port Address – [1] **A must!**
- Use Null Modem Cable

### In Aries

- Set Baud Rate
- Parity 7, E, 1 Note: This does NOT match ASC/3 Port Settings

### Serial (RS232) null modem cable (DB9-DB25). Pinout and signals for building a serial (RS232) nullmodem cable

Use this cable between two DTE devices (for instance two computers).



	DB9	DB25	
Receive Data	2	2	Transmit Data
Transmit Data	3	3	Receive Data
Data Terminal Ready	4	6+8	Data Set Ready + Carrier Detect
System Ground	5	7	System Ground
Data Set Ready + Carrier Detect	6+1	20	Data Terminal Ready
Request to Send	7	5	Clear to Send
Clear to Send	8	4	Request to Send

Note: DSR & CD are jumpered to fool the programs to think that they are online.

**Note:** You can use Aries® and an Autoscope® null modem cable to talk to the ASC/3 via PORT 3a, but that cable will NOT talk to PORT 2 – Use a standard RS232 cable and a null modem adaptor and you can talk to either PORT 3a or PORT 2. You can also build the custom cable shown above.