

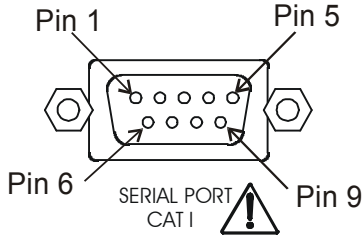


**TREK, INC.**  
 190 Walnut Street  
 Lockport, NY 14094 USA

1 800 FOR-TREK (367-8735)  
 Tel: (716) 438-7555  
 Fax: (716) 201-1804  
 www.trekinc.com

## Model 541/542 Serial Commands

Peter McAnn May 4, 2015



### **D9 Serial Pin Readouts**

<b>D-Type 9-Pin No.</b>	<b>Abbreviation</b>	<b>Full Name</b>
Pin 3	TD	Transmit Data
Pin 2	RD	Receive Data
Pin 7	RTS	Request To Send
Pin 8	CTS	Clear To Send
Pin 6	DSR	Data Set Ready
Pin 5	SG	Signal Ground
Pin 1	CD	Carrier Detect
Pin 4	DTR	Data Terminal Ready
Pin 9	RI	Ring Indicator

The commands sent over the serial port to the Model 541/542 are of a form of a 3 character string. The characters are always lower case and will always garner a 3 character response from the Model 541/542. The setup of the serial port is as follows:

- 8 data bits
- 1 stop bit
- No parity
- 9600 baud rate

The responses from the Model 541/542 are always marked by one of two responses. They are an “\_OK” or “ERX”. Note that the “\_OK” is actually an “OK” preceded by a space, and the “X” in the “ERX” is a number from 1-9 that indicates that an error has occurred and what type of error it is. The “\_OK” response indicates that the command was understood, data may follow, in which case certain commands will respond with data followed by an “\_OK” statement. What follows is a summary of the commands.

