	SONARtrac[®] Technical Note	
	TN0021	
	Subject: Resetting Transmitter to Factory Default Settings	
		Date: 28Jan2011
		Revision 01
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Problem:

How is a SONARtrac transmitter reset to factory defaults?

Answer:

Resetting a transmitter to Factory Default settings is very rarely required. It should only be performed after consulting with a Factory Technical Support Representative. **When a transmitter is reset to Factory Default Settings ALL application specific settings are erased and must be input to the transmitter.**


	<p>CAUTION</p> <p>Resetting a transmitter to Factory Default Settings will erase all application specific setup parameters. Contact a Factory Technical Service Representative prior to resetting to Factory Default Settings.</p>
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To reset a transmitter to factory default settings, proceed as follows:

1. Contact a Factory Technical support representative and discuss the transmitter problem.
2. Get Hot Work Permit if necessary prior to opening transmitter door.
3. Contact control room and advise operator that transmitter will be out of service.
4. Open transmitter door.
5. Press and hold down the 'EXIT' key.
6. Press and release the 'Reset' key (found on either front top left or the top left edge of the terminal block board) while still holding the 'EXIT' key pressed.
7. A message of "Hold Key – Default Selected" (or similar message) will appear in the upper left section of the display screen. Keep the 'EXIT' key pressed.
8. A second message of "Wait – Default Selected" will appear in the upper left section of the display screen. Release the 'EXIT' key.
9. A warning message will appear in the middle of the transmitter display. At this time follow the instructions in the message box to restore factory defaults or to continue to operate with the existing transmitter setup.
10. If the transmitter is restored to Factory Defaults, the pipe size, sensor serial number, transmitter output settings, signal filtering and transmitter IP address at a minimum must be reset to their previous settings. Often your Factory Technical Support representative will have these settings on file.
11. Take a system Snapshot with the process operating at normal conditions and submit the Snapshot to technical support for review.

Contact CiDRA Technical Support or Customer Support with any questions.

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Revision History

Rev	Date	Changed By	Approved By	Change Description
01	28Jan11	B Markoja	B Markoja	Initial Release