



## Chart 1 Troubleshooting

PROBLEM	PROBABLE FAULT LOCATION
Scout locks up during use.	Turn the unit OFF, then back ON. Remove the batteries if the unit will not turn OFF.
While tracing, lines are “jumping” all over the screen in micro map.	<p>This indicates that the Scout is not picking up the signal or there is interference.</p> <p>Make sure that the transmitter is well connected and grounded. Point the Scout at either lead to be sure that you have a complete circuit.</p> <p>Try a higher frequency.</p> <p>Try to determine the source of any noise and eliminate it.</p>
While locating a sonde, lines are “jumping” all over the screen.	<p>Check the batteries in the sonde to see that they are working.</p> <p>Verify signal by placing lower antenna close to sonde. Note - Sondes have difficulty emitting signals through cast iron and ductile iron lines.</p>
Distance between sonde and either Pole is not equal.	Sonde may be tilted or there may be a cast iron to plastic transition.
Unit acts erratic, won't power down.	Batteries may be low. Replace with fresh batteries and turn ON.
Display appears completely dark, or completely light when it is turned ON.	<p>Try Powering the unit OFF and then back ON.</p> <p>Adjust the LCD screen contrast.</p>
There is no sound.	Adjust the sound level in the sound menu.
Scout will not pick up the signal.	Check that the correct mode and frequency is set.
Scout will not turn on.	<p>Check orientation of batteries.</p> <p>Check that the batteries are charged.</p> <p>Check to see that the battery contacts are OK.</p> <p>Unit may have blown a fuse. (Factory service is required.)</p>
Depth appears inaccurate.	Check locate mode. Example: if locating a line  in 512Hz make sure not in Sonde  Mode. (Check if in heavily distorted environment.)