

Problem	Possible Cause(s)	Solution
Interface Module (IM) Related:		
System does not come on; No green power light	No Power at Interface Module	Verify battery voltage of at least +11.4V using voltmeter. Measure with all system cables properly connected. Check in-line fuse or circuit breaker
System on, but there are no Red (Right) and/or Green (Left) Status LEDs pulsating	Terminators not installed	Verify Terminators are installed. Look in the sensors on end of boom with only one cable
	Changed Crop Algorithm settings while running an application job	Cycle power to Interface Module
Recon Function:		
Status bar displays: "No GPS and/or RT200 data received"	Serial card (top "Y" cable) drivers did not initialize properly	If Quatech, verify drivers initiate by turning Recon power off then on. Should hear 1 "down beep" then 2 "up beeps".
	CF card is not a Quatech Card (Remove card to see brand)	If CF card is "SeaLevel" or "POSCN" brand, it does not chime when initiating. Wait 15 seconds before launching RTCommander.
	RT200 setup is incorrect	Verify RT200 Settings in Setup<NTech RT200 Setup . Factory settings are: COM2, NDVI, 495ms, sensors: 3, 3, RT200
	GPS setup is incorrect	Verify GPS settings in Setup<GPS Setup . Factory settings are: receiver on COM port, COM3, Quality = 1
No RT Commander SW installed in program folder OR RT Commander is asking for Registration info when opening	Low battery caused "clean reset". If new unit, shipment or storage could have caused battery to drain.	Run "Restore Now" : Start<Programs<Sprite Backup<Restore . Look for last backup file and restore from it. WARNING : "Restore Now" loses any un-saved data. Advise copying important data to CF card first.
		Re-enter RT Commander registration information if re-registering. It is included in a wrapped documentation packet that comes w/ the RT200 system.
Recon "Frozen" and won't react to stylus	Recon Operating System problem or performing several operations simultaneously	Recon Soft Reset: Hold Recon power button for 5-10 sec or until picture of Snowy mountain appears. WARNING : Ports do not initiate properly after soft reset. Turn power off, then back on.
GS Sensor related:		
No red light emitting from the GreenSeeker (rectangular window)	Interface Module is off	Cycle power to Interface Module
	No power or low power on RT200 system	Check other sensors on system. If all of them verify minimum of +11.4V at source using voltmeter. Measure w/ load
	Cable or connection problem	If only one sensor is off, inspect cables connecting it.
GPS Configuration related:		
Status Bar displays "0.00, 0.00" for GPS location	GPS is in "Warm Up" or its power was re-set	Wait for GPS signal to acquire. Typically 5-10 min, but depends on GPS model
	GPS signal quality is poor	GPS receiver could be obstructed by trees or buildings or out of range
GPS Quality = 0, Number of Satellites = 0	GPS is in "Warm Up" or its power was re-set	Verify minimum of 12V to GPS Receiver.
	GPS Setup is incorrect	Verify GPS Settings in Recon: Setup<GPS Setup ... Receiver on COM port, COM3
	GPS signal quality is poor	Verify GPS signal not obstructed
Drawing a Path/Collecting Data:		
No points displayed, (cross hair) on coordinate grid	User has not initiated data collection	Must click on "GO" . System must have a valid GPS and GreenSeeker signal in order to plot.
	Ambiguous GPS point due to improper GPS signal	If clicked "Go" when GPS was still warming up it may have an inaccurate point. Click on the "A" twice rapidly to zoom in.
Applying a rate:		
No algorithms in "Crop" list (Task/Show Params/Crop)	Algorithm list has not been selected.	*If unit has RTC of V1.3.1 or newer, the list must be manually selected. To select, click on "..." button next to "Crop" . Search for "XML Files" in "My Documents" folder
	User forgot path to custom algorithm	*If custom algorithm, customer must locate path of any custom algorithms they've made. Recommend installing in "My Documents" folder
No rate controller data and/or "-1" in "As Applied"	Rate controller does not supply "Applied" info	Verify Rate Controller is receiving signal from Recon and updating Target rate. *If Target Rate IS changing, advise some Rate Controllers do not supply "Applied" information, refer to manufacturer
	Setup is incorrect	*If not changing, check Rate Controller setup: Setup<Rate Controller Setup<Select your Rate Controller<Edit

For additional support contact:

740 South State Street Ukiah, CA 95482
 tel 707-467-3747 fax 707-467-3750
 toll-free 888-728-2436
 www.ntechindustries.com