

Ian Beliveau

From: Ian Beliveau
Sent: Thursday, July 16, 2015 10:08
To: Paul Macoun; Denis Hedji; Marlene Jeffries; Akash Sastri; Elec Eng Tech 1
Subject: Queen of Alberni - July 15th

Hey all,

The system is back up and running, but it looks like the Met station/CSC/radiometer stuff is now down. It was working when we left, probably the Perle SDS needs to be power cycled so that'll be worked out shortly.

Here is a list of what we did yesterday:

- Opened cabinets, system was on. Voltage check on SK PC power connector OK.
- Shut off breaker
- Found LAN cable with crushed part, copper exposed. Replaced it.
- Re-Seated monitor connector on the monitor end.
- Mounted PC, connected USB KB/mouse, connected monitor, used new LAN cable from PC to switch.
- Threw breaker on, startup ok.
- In Windows XP we shut down acquisition and relay driver, connected comm ports and LVDS port.
- Started acquisition, confirmed sensors up and running.
- Ran acquisition, data on all ports, relay start up.
- System running ok.
- Removed monitor, KB and mouse.

My conclusion is that we were looking either at a connector problem, possibly on the LAN cable, or the PC started up in a bad state. We were not able to replicate the problem, nor did we see any evidence of one.

After the SoVI computer issues I think we really need to be careful about shutting down these archaic PCs properly. An improper shutdown could corrupt files or even damage the hard drive.

One more thing, the USB connectors on the PC should be hot-glued down next visit.

Ian Beliveau