

DQ2320 - McCloud River Salmon

Week 43

1. Brent Roman
 - a. Terminated BGAN satellite service

Week 39

1. Brent Roman
 - a. Running really well. Recovering scheduled for first week of October.

Week 24

1. Brent Roman
 - a. Comms and ESP working perfectly. Boring.
 - b. High temps (>42C) in can are a cause for concern.

Week 16

1. Brent Roman
 - a. BGAN sat comms works great (so far 😊)
 - b. Supporting Jensen and Yamahara on two unscheduled service calls to the McCloud river

Week 15

1. Brent Roman
 - a. Ordered replacement for BGAN terminal accidentally fried by power wire slipping out of its screw terminal.
 - b. Helped Scott configure the new terminal for 2nd try at installation on site tomorrow.

Week 12

1. Brent Roman
 - a. Gave up on reusing our Iridium Satphones for comms
 - i. After discovering our "Free" incoming calls service does not handle data calls, only voice.
 - b. Purchased a BGAN terminal (Explorer 540) off ebay.
 - c. Chose a service provider that wasn't too overpriced (only \$4/MB)
 - d. Worked hard to eliminate all unnecessary network traffic from expensive BGAN link.

- i. Cached DNS aggressively
- ii. Tuned NTPd to update max of once every 30min
- iii. Ensured that Real-Time is set before Wireguard VPN connection attempted
- iv. Patch WireGuard kernel module to reduce its idle traffic >50%

Week 9

1. Brent Roman
 - a. Purchased Pivotal's Iridium service with free incoming calls & installed rooftop antenna, only to discover that Pivotal's service was voice only, no data (despite their claims to the contrary)
 - b. Ordered "open box" IP66 rated BGAN terminal – much faster than Iridium at similar cost