Friday to Mount Constitution

This shot consists of 4 separate radio systems transmitting through 2 separate antennas at each location. The additional pages in this spreadsheet contain screen shots of the summary pages for each system.

Indications of a properly operating link: No Alarms
RSL within \pm 3 dB of calculated
Eb/No \geq 19 dB
Signal to Noise Ratio (SNR) \geq 24 db
Equalizer Stress typically 30, but < 150

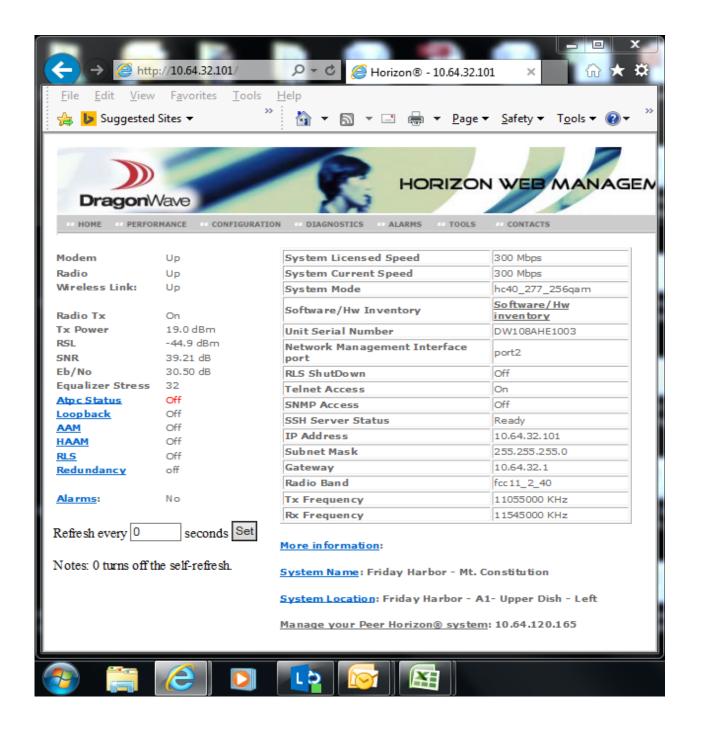
Each radio indicates a properly operating link, despite the ATPC Alarm indication. That alarm indicates that the Automatic Transmit Power Control circuit is off, which is the normal operating condition for microwave radio systems operating within CTL.

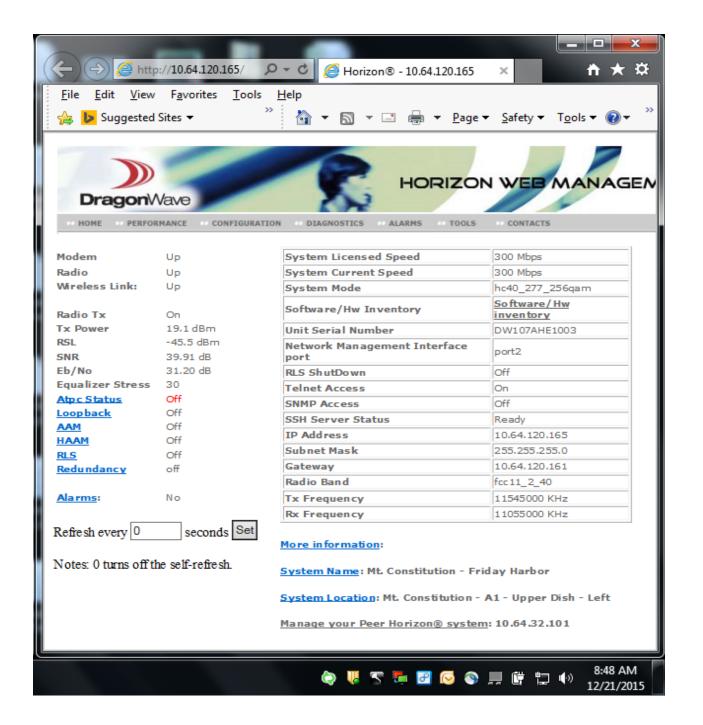
Currently, Radio Systems 2 &3 have zero thruput, while Radio 1 has approximately 18 Mbps thruput and Radio 3 has approximately 126 Mbps thruput.

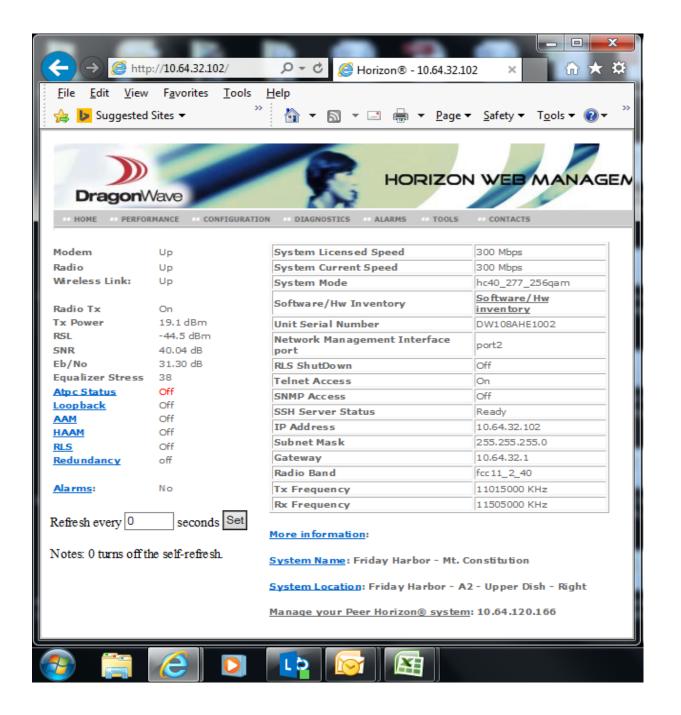
Systems 2 & 3 are set up to take service in case of a fiber cut, thus the zero thruput.

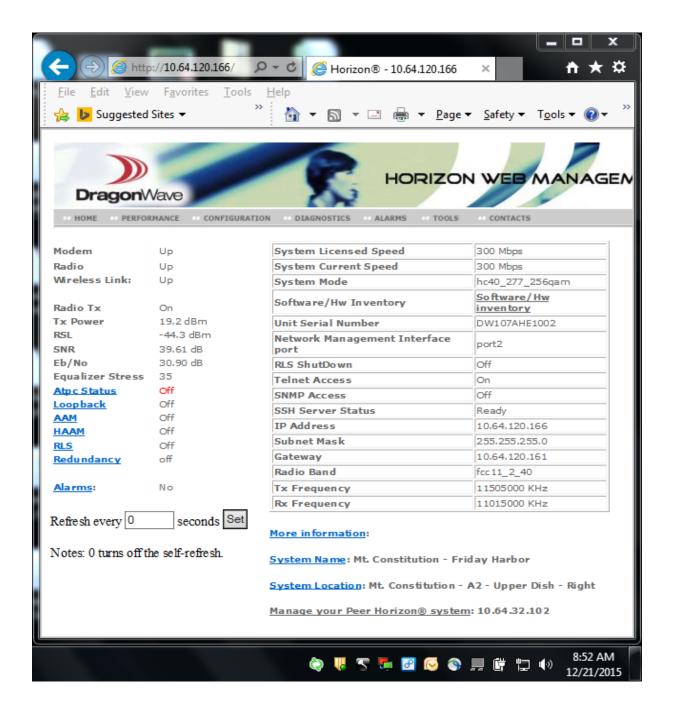
^{**} The Tower Inspection Forms are embedded in the sixth and seventh sheet and consists of three pages that can be scrolled through.**

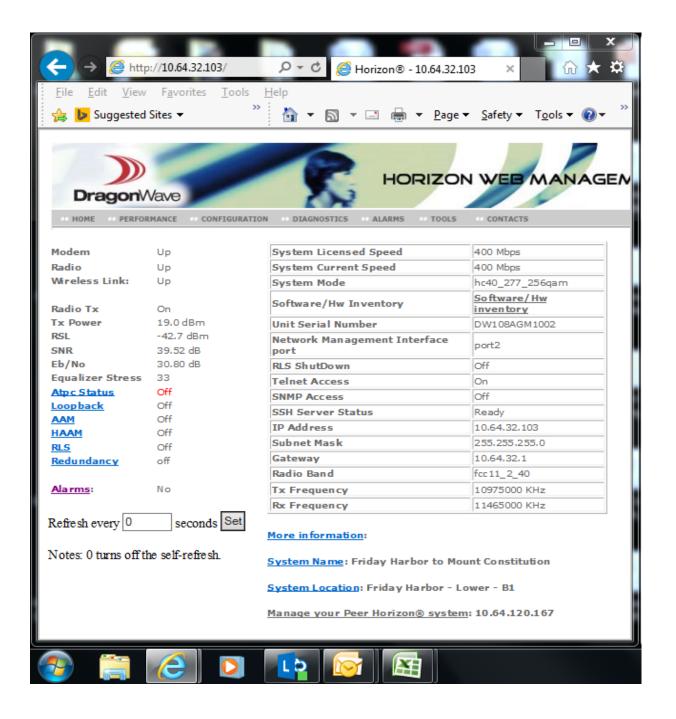
^{**} Double click within the word doc window to scroll. A scroll wheel on a mouse works best.**

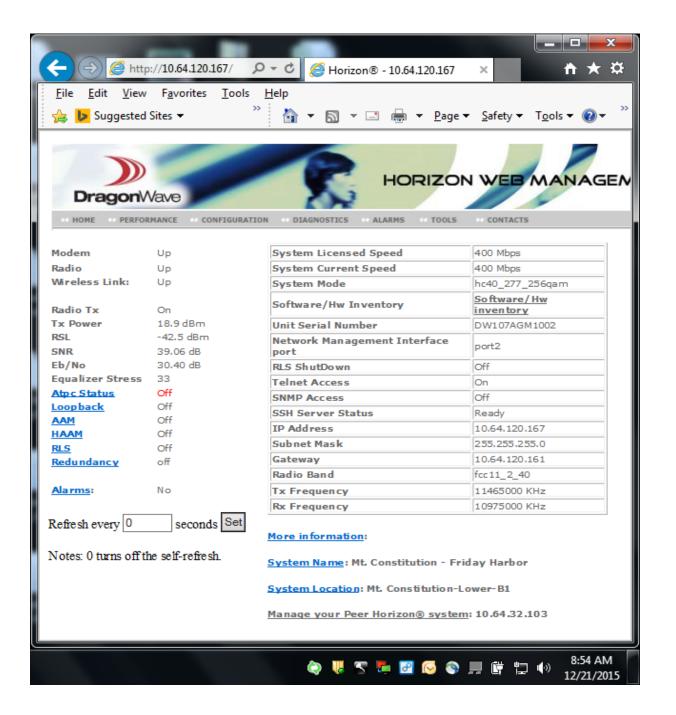


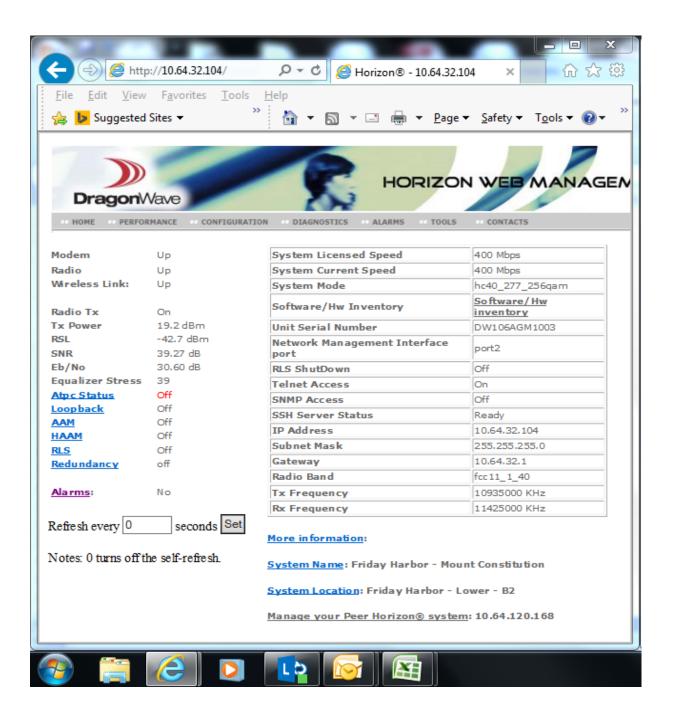


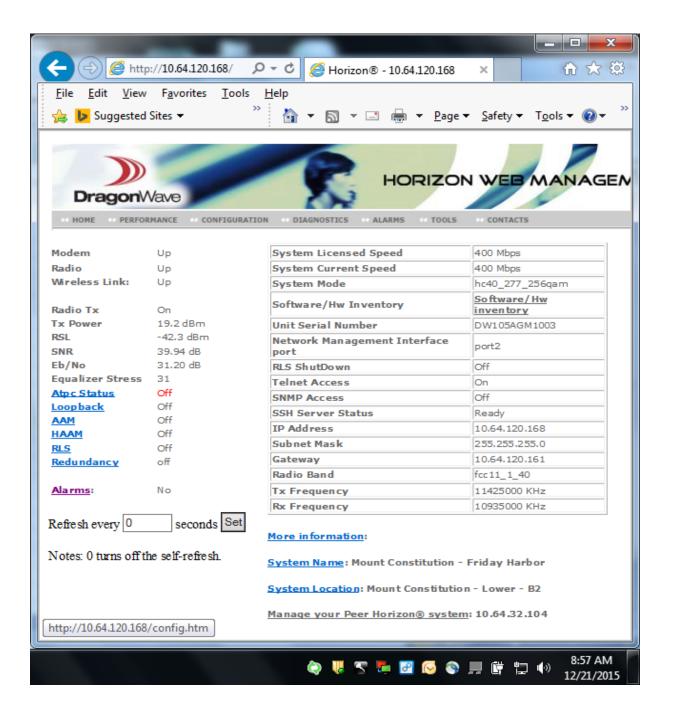












| ANTENNA AND TOWER ROUTINE INSPECTION | |
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| | SITE NAMEFriday Harbor Main |
| | SITE LOCATION _Friday Harbor, WA |
| | SITE CLLIFRHRWAAW |
| | DATE01/13/2016 |
| | INSPECTED BYFord - Hogue |
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| ANTENNA AND TOWER ROUTINE INSPECTION | |
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| | SITE NAMEMt. Constitution South |
| | SITE LOCATIONOrcas Island |
| | SITE CLLIMTCSWAQA |
| | DATE01/13/2016 |
| | INSPECTED BYFord - Hogue |
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