

ANTENNA AND TOWER ROUTINE INSPECTION

SITE NAME Bellingham WA

SITE LOCATION Central Office

SITE CLLI BLHMWA01

DATE 08/13/22

INSPECTED BY Jim Ford, Larry Hogue

Antenna and Tower Routine Inspection

1. Tower - Structure

| Inspect | OK | Dev. | NA |
|--|-----------|-------------|-----------|
| Nuts and bolts for tightness. | X | ___ | ___ |
| Guy wire for proper tension | ___ | ___ | __x__ |
| Guy wire condition – Fraying, broken, etc | ___ | ___ | __x__ |
| Condition of concrete footings. (Cracking, settling & etc.) | X | ___ | ___ |
| Paint - Fading, peeling, etc. | X | ___ | ___ |
| Ladders & steps - safe and secure | X_ | ___ | ___ |
| Safety climbing device - safe and secure | ___ | X | ___ |
| Grounding and lightning protection - satisfactory | X | ___ | ___ |
| Structural units – damaged or missing | X | ___ | ___ |
| Tower lighting - operating correctly | ___ | ___ | X |

2. Antenna & Waveguide

| | | | |
|---|---|-----|-----|
| Waveguide - properly supported | X | ___ | ___ |
| Flex waveguide - good condition | X | ___ | ___ |
| Connector Heads - sealed properly | X | ___ | ___ |
| Flex waveguide jumpers – correctly placed | X | ___ | ___ |
| Antenna nut and bolts – tight and secure | X | ___ | ___ |
| Antenna mount – tight and secure | X | ___ | ___ |
| Azimuth and stiff arms – tight and secure | X | ___ | ___ |
| Antenna covers – good condition | X | ___ | ___ |
| Waveguide hatch – sealed and grounded | X | ___ | ___ |

Note: If any Deviations are found explain in detail in notes section.

Antenna and Tower routine inspection

3. Air Pressure

| Inspect | OK | DEV. | NA |
|---|-----------|-------------|-----------|
| Dehydrator Manifold – installed properly | X | ___ | ___ |
| Pressure – correct for antenna and system | X_ | ___ | ___ |
| Waveguide system – tight – no air leaks | X | ___ | ___ |
| Pressure alarm switches – installed and functioning | X | ___ | ___ |
| Horn antennas – water traps and proper pressure | ___ | ___ | X |

4. Environment

| | | | |
|---|---|-----|-----|
| Path obstructions - Trees, shrubs, weeds and buildings. | X | ___ | ___ |
| Security - Gates, fences and doors secure. | X | ___ | ___ |
| General appearance – Weeds, Trash & etc. | X | ___ | ___ |

5. Deviations notes, exceptions and recommendations

Explain in detail: **Tower is very good shape as well as antennas and waveguide.**

ANTENNA AND TOWER ROUTINE INSPECTION

SITE NAME Mount Constitution to Bellingham WA

SITE LOCATION Orcas Island WA

SITE CLLI Leased site

DATE 8/14/22

INSPECTED BY Larry Hogue, Jim Ford

Antenna and Tower Routine Inspection

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| Paint - Fading, peeling, etc. | X | ___ | ___ |
| Ladders & steps - safe and secure | X | ___ | ___ |
| Safety climbing device - safe and secure | X | ___ | ___ |
| Grounding and lightning protection - satisfactory | X | ___ | ___ |
| Structural units – damaged or missing | X | ___ | ___ |
| Tower lighting - operating correctly | X | ___ | ___ |

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| Waveguide - properly supported | X | ___ | ___ |
| Flex waveguide - good condition | ___ | ___ | X |
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| Antenna nut and bolts – tight and secure | X | ___ | ___ |
| Antenna mount – tight and secure | X | ___ | ___ |
| Azimuth and stiff arms – tight and secure | X | ___ | ___ |
| Antenna covers – good condition | X | ___ | ___ |
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| Waveguide system – tight – no air leaks | ___ | ___ | X |
| Pressure alarm switches – installed and functioning | ___ | ___ | X |
| Horn antennas – water traps and proper pressure | ___ | ___ | X |

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5. Deviations notes, exceptions and recommendations

Explain in detail:

ANTENNA AND TOWER ROUTINE INSPECTION

SITE NAME Mount Constitution to Friday Harbor WA

SITE LOCATION Orcas Island WA

SITE CLLI Leased site

DATE 8/13/22

INSPECTED BY Larry Hogue, Jim Ford

Antenna and Tower Routine Inspection

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| Structural units – damaged or missing | X | ___ | ___ |
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| Security - Gates, fences and doors secure. | X | ___ | ___ |
| General appearance – Weeds, Trash & etc. | X | ___ | ___ |

5. Deviations notes, exceptions and recommendations

Explain in detail:

ANTENNA AND TOWER ROUTINE INSPECTION

SITE NAME Friday Harbor WA

SITE LOCATION San Juan Island WA

SITE CLLI FRHRWAAW

DATE 08/14/22

INSPECTED BY Larry Hogue, Jim Ford

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