

ANTENNA AND TOWER ROUTINE INSPECTION

SITE NAME – Friday Harbor

SITE LOCATION – San Juan Island, WA.

SITE CLLI – FRHRWAAW

DATE – 07/22/2020

INSPECTED BY – Harris / Hogue

Antenna and Tower Routine Inspection

1. Tower - Structure

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

2. Antenna & Waveguide

Waveguide - properly supported	<u> x </u>	<u> </u>	<u> </u>
Flex waveguide - good condition	<u> x </u>	<u> </u>	<u> </u>
Connector Heads - sealed properly	<u> x </u>	<u> </u>	<u> </u>
Flex waveguide jumpers – correctly placed	<u> x </u>	<u> </u>	<u> </u>
Antenna nut and bolts – tight and secure	<u> x </u>	<u> </u>	<u> </u>
Antenna mount – tight and secure	<u> x </u>	<u> </u>	<u> </u>
Azimuth and stiff arms – tight and secure	<u> x </u>	<u> </u>	<u> </u>
Antenna covers – good condition	<u> x </u>	<u> </u>	<u> </u>
Waveguide hatch – sealed and grounded	<u> x </u>	<u> </u>	<u> </u>

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	___	___	<u>X</u>
Pressure – correct for antenna and system	___	___	<u>X</u>
Waveguide system – tight – no air leaks	___	___	<u>X</u>
Pressure alarm switches – installed and functioning	___	___	<u>X</u>
Horn antennas – water traps and proper pressure	___	___	<u>X</u>

4. Environment

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

5. Deviations notes, exceptions and recommendations

Explain in detail:

The outdoor CAT5 cable on this tower is run in conduit. The conduit is serviceable and secure.

ANTENNA AND TOWER ROUTINE INSPECTION

SITE NAME – Mt. Constitution South Tower

SITE LOCATION – Orcas Island, WA.

SITE CLLI – MTCSWAQA

DATE – 07/22/2020

INSPECTED BY – Harris / Hogue

Antenna and Tower Routine Inspection

1. Tower - Structure

Inspect	OK	Dev.	NA
Nuts and bolts for tightness.	<u> x </u>	___	___
Guy wire for proper tension	___	___	Not Inspected
Guy wire condition – Fraying, broken, etc	___	___	Not Inspected
Condition of concrete footings. (Cracking, settling & etc.)	___	___	Not Inspected
Paint - Fading, peeling, etc.	___	___	Not Inspected
Ladders & steps - safe and secure	<u> x </u>	___	___
Safety climbing device - safe and secure	<u> x </u>	___	___
Grounding and lightning protection - satisfactory	<u> x </u>	___	___
Structural units – damaged or missing	<u> x </u>	___	___
Tower lighting - operating correctly	___	___	Not Inspected

2. Antenna & Waveguide

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

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	___	___	<u>X</u>
Pressure – correct for antenna and system	___	___	<u>X</u>
Waveguide system – tight – no air leaks	___	___	<u>X</u>
Pressure alarm switches – installed and functioning	___	___	<u>X</u>
Horn antennas – water traps and proper pressure	___	___	<u>X</u>

4. Environment

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

5. Deviations notes, exceptions and recommendations

Explain in detail:

ANTENNA AND TOWER ROUTINE INSPECTION

SITE NAME – Mt. Constitution North

SITE LOCATION – Orcas Island, WA.

SITE CLLI – MTCSWAQA

DATE – 07/22/2020

INSPECTED BY – Harris / Hogue

Antenna and Tower Routine Inspection

1. Tower - Structure

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

2. Antenna & Waveguide

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

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	___	___	<u>_x_</u>
Pressure – correct for antenna and system	___	___	<u>_x_</u>
Waveguide system – tight – no air leaks	___	___	<u>_x_</u>
Pressure alarm switches – installed and functioning	___	___	<u>_x_</u>
Horn antennas – water traps and proper pressure	___	___	<u>_x_</u>

4. Environment

Path obstructions - Trees, shrubs, weeds and buildings.	<u>_x_</u>	___	___
Security - Gates, fences and doors secure.	<u>_x_</u>	___	___
General appearance – Weeds, Trash & etc.	<u>_x_</u>	___	___

5. Deviations notes, exceptions and recommendations

Explain in detail:

ANTENNA AND TOWER ROUTINE INSPECTION

SITE NAME – Bellingham C.O.

SITE LOCATION – Bellingham, WA.

SITE CLLI – BMLMWA01

DATE – 07/21/2020

INSPECTED BY – Harris / Hogue

Antenna and Tower Routine Inspection

1. Tower - Structure

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

2. Antenna & Waveguide

Waveguide - properly supported	<u> x </u>	<u> </u>	<u> </u>
Flex waveguide - good condition	<u> x </u>	<u> </u>	<u> </u>
Connector Heads - sealed properly	<u> x </u>	<u> </u>	<u> </u>
Flex waveguide jumpers – correctly placed	<u> x </u>	<u> </u>	<u> </u>
Antenna nut and bolts – tight and secure	<u> x </u>	<u> </u>	<u> </u>
Antenna mount – tight and secure	<u> x </u>	<u> </u>	<u> </u>
Azimuth and stiff arms – tight and secure	<u> x </u>	<u> </u>	<u> </u>
Antenna covers – good condition	<u> x </u>	<u> </u>	<u> </u>
Waveguide hatch – sealed and grounded	<u> x </u>	<u> </u>	<u> </u>

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	<u> x </u>	<u> </u>	<u> </u>
Pressure – correct for antenna and system	<u> x </u>	<u> </u>	<u> </u>
Waveguide system – tight – no air leaks	<u> x </u>	<u> </u>	<u> </u>
Pressure alarm switches – installed and functioning	<u> x </u>	<u> </u>	<u> </u>
Horn antennas – water traps and proper pressure	<u> </u>	<u> </u>	<u> x </u>

4. Environment

Path obstructions - Trees, shrubs, weeds and buildings.	<u> x </u>	<u> </u>	<u> </u>
Security - Gates, fences and doors secure.	<u> x </u>	<u> </u>	<u> </u>
General appearance – Weeds, Trash & etc.	<u> x </u>	<u> </u>	<u> </u>

5. Deviations notes, exceptions and recommendations

Explain in detail: