

:

ANTENNA AND TOWER ROUTINE INSPECTION

SITE NAME Mt. Constitution North

SITE LOCATION Orcas Island

SITE CLLI MTCSWAQA

DATE 08/22/2018

INSPECTED BY Hogue/Harris

Antenna and Tower Routine Inspection

1. **Tower - Structure** ****NOTE**** This is leased space. All inspection items as they relate to the structure are in close proximity to our antenna(s).

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>	Not Inspected
Guy wire condition – Fraying, broken, etc	<u> </u>	<u> </u>	Not Inspected
Condition of concrete footings. (Cracking, settling & etc.)	<u> </u>	<u> </u>	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.

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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>

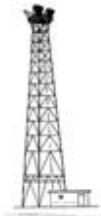
4. Environment

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:

THANK YOU



LARRY HOGUE
Antenna & Tower Crew