

ANTENNA AND TOWER ROUTINE INSPECTION

SITE NAME - Mt. Constitution North Tower

SITE LOCATION - Orcas Island

SITE CLLI - MTCSWAQA

DATE - 11/06/2019

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.	_X_	___	___
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	___	_X_	___
Safety climbing device - safe and secure	_X_	___	___
Grounding and lightning protection - satisfactory	_X_	___	___
Structural units – damaged or missing	_X_	___	___
Tower lighting - operating correctly	___	___	Not Inspected

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:

