



# **Kamloops Amateur Radio Club** **REPEATER REPORT**

January 3, 2013

**VE7RLO tower collapse**

# VE7RLO repeater Mt. Lolo

- Some time between December 10 and 22 the 147.320 MHz repeater on Mt. Lolo started periodically transmitting what appeared to be an open squelch.
- VE7VGO and VE7FSR discussed the problem and concluded that a visit to the repeater was needed to determine the cause of the issue.

**December 29, 2012** – Myles Bruns (VE7FSR) and Brad Pippolo snowmobile to Mt. Lolo summit to investigate a problem with the repeater and discover that the tower had collapsed from severe ice build-up and strong winds.





December 29, 2012



December 29, 2012



Brad examines the ice build-up on the tower

Nav Canada building and tower



Telus door



December 29, 2012

**January 2, 2013** – VE7FSR visits the site again to inventory damage and consider options for getting the repeater back on the air this winter.





January 2, 2013



There are two 4-bay dipoles under there somewhere!



January 2, 2013

Digging out the antennas



January 2, 2013



All four loops on the VHF dipole were damaged



January 2, 2013



One of the damaged VHF loops



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4-bay UHF dipole appears OK



UHF link antenna to Silver Star is OK!

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VHF 2-bay dipole (APRS/WinLink antenna) is OK

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2.4Ghz NanoStation is OK!



January 2, 2013

January 2, 2013



5GHz dish may have survived?



Bent tower – only one section is straight!



January 2, 2013

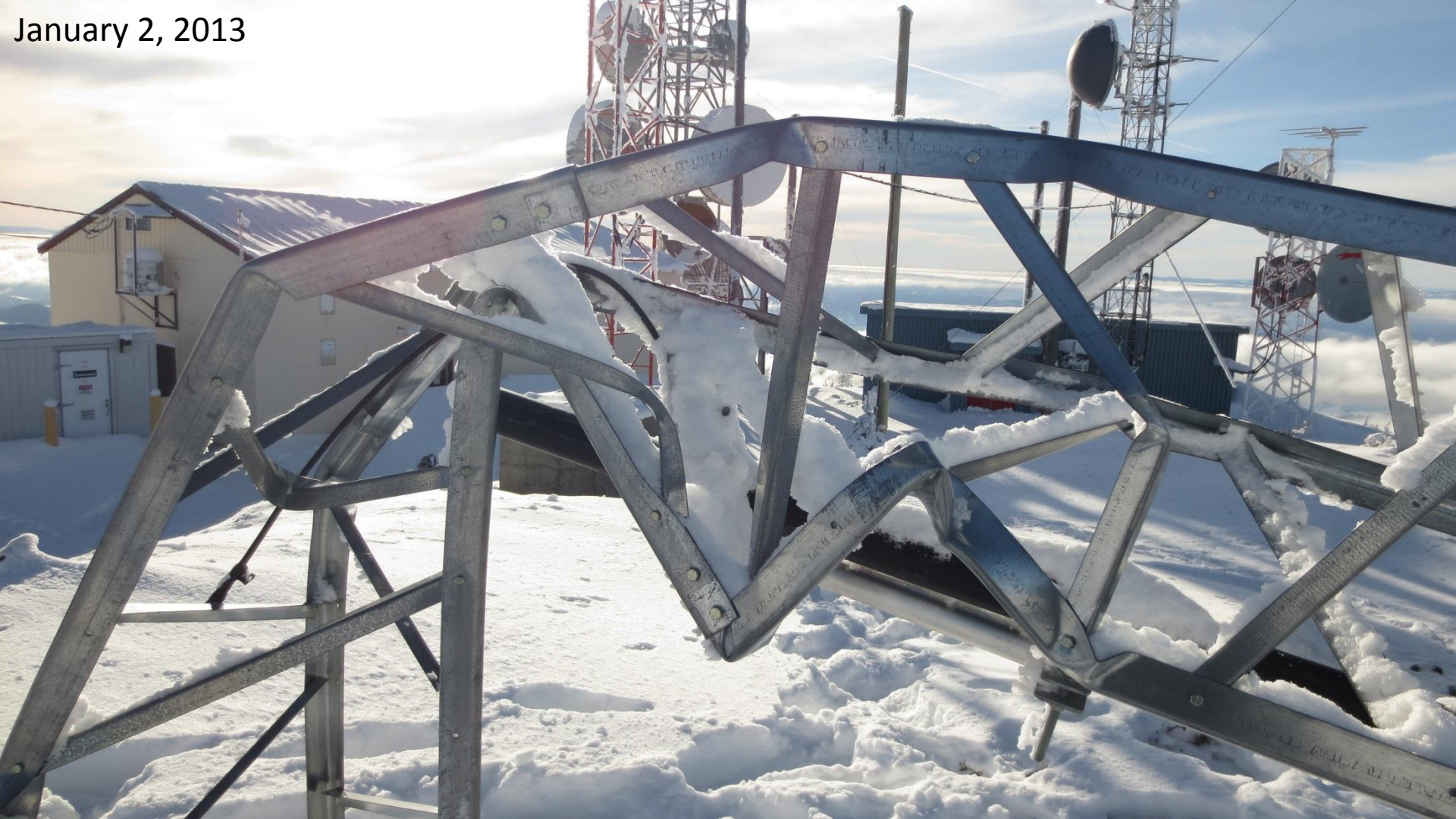


January 2, 2013





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**Born: 2002**  
**Died: 2012**

2002



January 2, 2013





January 2, 2013



Looking towards Kamloops (under the clouds),  
with Greenstone Mountain at centre of horizon

January 2, 2013

Sun Peaks in the distance



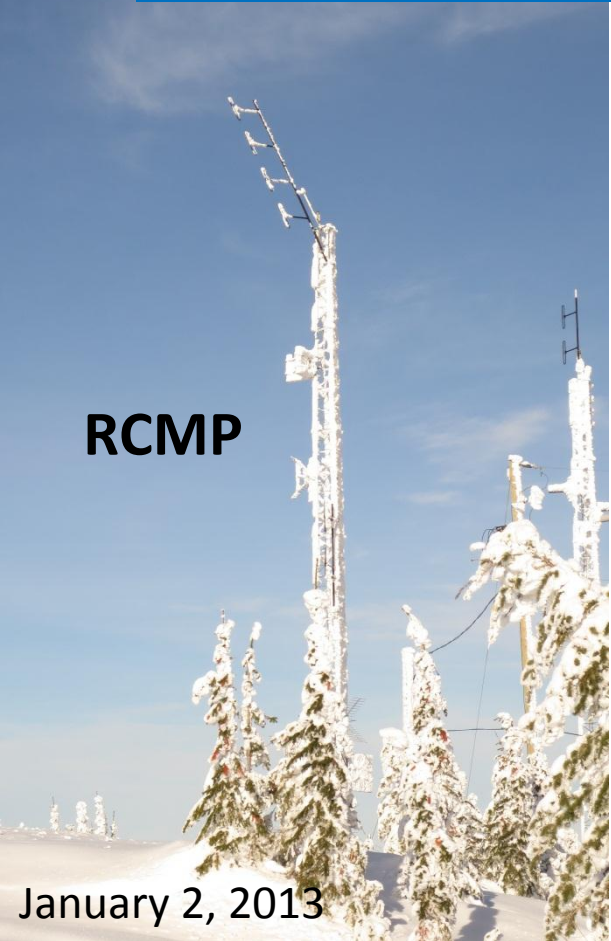




January 2, 2013

# We weren't the only ones to suffer from the weather!

**RCMP**



**Nav Canada**



January 2, 2013



**Thanks for watching!**

**VE7FSR**

