**Alaska Intertie Safety Patrol** **Snow Conditions Report**

**Data Observations**

Tower: 5 14 23 32 41 50 59 69 79 90 98 120 129 140 150 159 168 181 191 203 213 222 231

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Time:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Temp:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Weather/Wind:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Back Span Ahead Span

Estimated Snow Diameter on East Phase:

(Conductor Dia is 1.96”, Phase Spacer is 18”, Insulator Bell is 10” Dia)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_in.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_in.

Estimated Portion of Span Loaded:\_\_\_\_\_\_\_\_\_\_\_\_ %\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_%

Insulator Inclination:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Stability of Snow on Line (i.e., is line unloading?):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Snow Depth at Tower Guy (Back/Ahead):\_\_\_\_\_\_\_\_\_\_\_\_\_in.\_\_\_\_\_\_\_\_\_\_\_\_\_\_in.

Undisturbed snow consistent location

**Snow Density:**

Volume of Snow:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ml.

Volume after Melting:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ml.

**Additional Information:** Est. Portion of Line Insulator

Other Phase Conditions if Different Than East Phase: Est. Snow Dia. Loaded Inclination

West Phase: Back Span \_\_\_\_\_\_\_\_\_\_\_\_in.\_\_\_\_\_\_\_\_\_\_\_%\_\_\_\_\_\_\_\_\_\_\_\_\_\_®

West Phase: Ahead Span \_\_\_\_\_\_\_\_\_\_\_\_in.\_\_\_\_\_\_\_\_\_\_\_%\_\_\_\_\_\_\_\_\_\_\_\_\_\_®

Middle Phase: Back Span \_\_\_\_\_\_\_\_\_\_\_\_in.\_\_\_\_\_\_\_\_\_\_\_%\_\_\_\_\_\_\_\_\_\_\_\_\_\_®

Middle Phase: Ahead Span\_\_\_\_\_\_\_\_\_\_\_\_in.\_\_\_\_\_\_\_\_\_\_\_%\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_®

Est. Snow Diam: Est. Portion of Span

Static Wire Conditions if Different Than East Phase: (wire Dia is 3/8”) Loaded:

West Static Wire: Back Span\_\_\_\_\_\_\_\_\_\_\_in.\_\_\_\_\_\_\_\_\_%

West Static Wire: Ahead Span\_\_\_\_\_\_\_\_\_\_\_in.\_\_\_\_\_\_\_\_\_%

East Static Wire: Back Span\_\_\_\_\_\_\_\_\_\_\_in.\_\_\_\_\_\_\_\_\_%

East Static Wire: Ahead Span\_\_\_\_\_\_\_\_\_\_\_in.\_\_\_\_\_\_\_\_\_%

Other Observations: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Photos, Disk #

Picture #\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Picture #\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Picture #\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Picture #\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_