

- 1 Q. Reference: (<http://www.powerinourhands.ca/pdf/MHI.pdf>) *Manitoba Hydro*  
2 *International: Review of the Muskrat Falls and Labrador Island HVdc Link and the*  
3 *Isolated Island Options*, October 2012, page 46.  
4 *"Nalcor has selected a large 3650 MCM 91-Strand all-aluminum conductor (AAC)*  
5 *family for the entire transmission line, and is currently investigating the use of high-*  
6 *strength aluminum alloy conductors of identical size for use in the extreme ice*  
7 *regions required to maintain reliability."*  
8 Please provide a detailed assessment of the suitability of the conductor selected for  
9 the Labrador-Island HVdc Link in light of corona activity, audible noise, and other  
10 such electrical and magnetic effects.  
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13 A. Please see Hydro's response to NP-NLH-027 in relation to the conductor specified  
14 for the Labrador-Island Transmission Link.  
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16 Corona activity, audible noise, and other electrical and magnetic performance  
17 requirements are unrelated to the reliability of the Labrador-Island Transmission  
18 Link.