

Technical Reports

BC Coastal Forest Sector Hem-Fir Initiative

PROGRAM: Harvesting and Conversion Program

PROJECT #: H.01

PROJECT TITLE: Sample Load Scaling

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Abstract

Sample load log scaling is an alternative to the usual methods of weight scaling or 100% piece scaling used in coastal British Columbia in which all the loads are counted, but only a sample of the loads are scaled. Cost savings can be achieved by reducing the number of loads that are scaled. The total volume is calculated from the number of loads and the average load size derived from the sample. A forest products company conducted a trial using this scaling technique at one harvesting site, and FPInnovations – FERIC Division reviewed and analysed the data.

Keywords: Weight scaling, Piece scaling, Sample loads, Accuracy, Load volume, Variability.

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