

Technical Reports

BC Coastal Forest Sector Hem-Fir Initiative

Recovering Value Loss from Merchandized Log Processing

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Abstract

Mechanized log processing is commonly performed in coastal British Columbia harvesting operations that may result in value losses if not performed optimally. In order to investigate ways to recover value loss associated with mechanized log processing, FPInnovations studied a log processor fleet in coastal B.C. to assess its software capabilities, operating methods, and cutting accuracies. Logs examined at a dryland sort to categorize and quantify value loss from processing errors showed a net value loss of \$1.67/m³ or 1.8%, of which \$1.39/m³ was recovered through the existing log remanufacturing process. Based on the results of this study, FPInnovations made several recommendations to reduce processing errors and to improve value recovery from log processors.

Keywords: mechanical processing, log value, coastal, quality

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