

Technical Reports

BC Coastal Forest Sector Hem-Fir Initiative

PROGRAM: Harvesting and Conversion Program

PROJECT #: H.01

PROJECT TITLE: Accuracy of Onboard Weight Scales

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Abstract

FPInnovations conducted a trial to compare the accuracy of onboard log truck weigh scales with platform scales. Payload weights from onboard scales from twelve trucks were compared to the payload weights from a platform scale over a three week period. The accuracy of each truck's onboard scale and the total weight was evaluated. Differences in individual load weights between the two systems varied by up to 4.7%, but the total weight difference between the two systems was less than 1%. The onboard scales remained in calibration for the duration of the trial.

Keywords: Onboard weigh scale, platform scale, payload, accuracy, calibration

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