

## Technical Reports

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BC Coastal Forest Sector Hem-Fir Initiative

**PROGRAM:** Harvesting and Conversion Program

**PROJECT #:** H.01

**PROJECT TITLE:** Accuracy of Onboard Weigh Scales Assessed over a Five Month Period

**PROJECT LEADER:** P. Dyson

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### Abstract

The accuracy of onboard log truck weigh scales were assessed over a five month period by comparing net load weights from the onboard scale to the platform scale. 81% of the loads measured by the onboard scale were within  $\pm 1\%$  of the load measured on the platform scale. FPIinnovations also evaluated the accuracy of the onboard scales when a truck is loaded on a sloped road grade. The onboard scales slightly under weigh the actual load weight. On a 10% road grade the scales will record a weight of 41 800kg on a payload of 42 000 kg.

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**Keywords:** weigh scale, platform scale, accuracy, payload, favourable slope

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