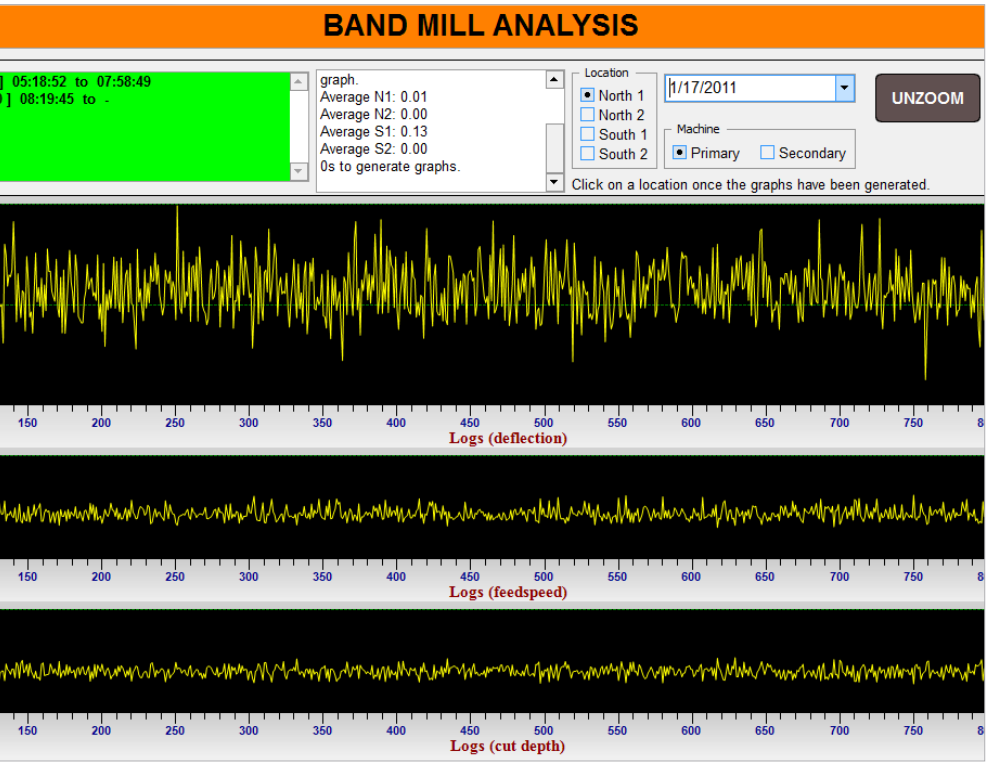
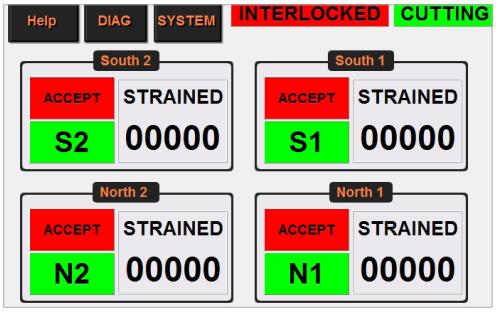
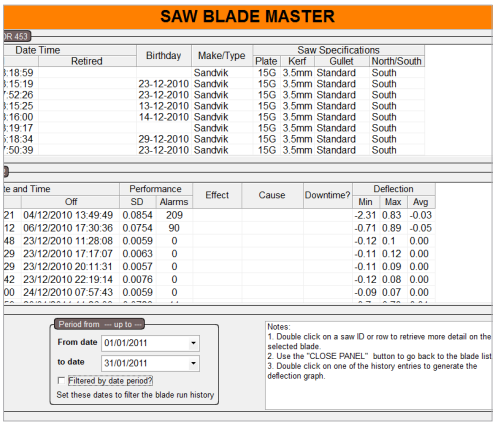
ACORA QUALITY & INNOVATION

saw blade science symmetry







Cumberland Systems presents a new technology for the management of sawblades...

The Symmetry Band Saw Performance Management System has been designed to help saw operators manage and maintain the primary and secondary sawmill blades. This system will enable operators and saw doctors to better manage saw blades, and allow for detection of deviations in standard behaviour. Saw shop benefits include:

Personal feedback:

- Change benching techniques and observe sawing performance
- Reduce efforts workload
- Observe all saws history
- Saw change decision-making
- Monitor the saw run performance and decline
- Predict remaining performance left on saws
- Predict whether a saw will make it to the next scheduled break

Crack detection:

- Early warning alert to prevent breakage and the associated hazards
- Minimize crack elongation

Development testing and measuring:

- Gullet profile enhancement
- Kerf reduction
- Plate thickness reduction
- Steel and manufacturer
- View sawing performance after set-up/alignment changes

Monitor bandmill integrity:

- View sawing performance after equipment crash-ups
- View sawing performance relative to alignment and equipment wear

cumberland passionate about technology

www.cumberlandsystems.co.nz