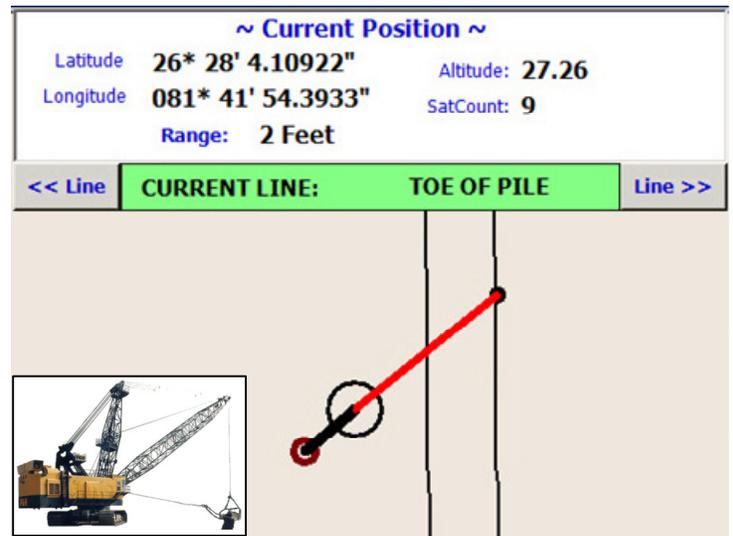


LAS Boom Monitor

Increase your Efficiency and Production

The LogicAll Solutions (LAS) Boom Monitor is an innovative application for excavation equipment and heavy machinery. The system monitors dual GPS receivers and then calculates the current orientation of a vehicle's boom and the location of the boom's tip. Position and orientation are displayed real-time to assist operators to make the most effective and efficient use of their vehicle.



The LAS Boom Monitor is ideally suited for use in hoists, shipping cranes, aggregate dragline systems, and any vehicle which has a boom. Two GPS antennas are attached to the vehicle and oriented either in line with the boom or perpendicular to it. During setup the user will enter the distance from the tip of the boom to the location of the GPS antenna array. The software then generates a real-time representation of the vehicle's boom. If production lines - such as the "toe of pile" line pictured above - are entered into the system, the distance from the tip of the boom to the currently selected line is automatically calculated and displayed on the screen.

LAS Boom Monitor Features:

- Displays current position on map
- Orientation of the boom and location of the boom's tip
- Displays production lines and the distance of the boom tip from the currently selected line
- Unlimited number of production lines (toe of pile and no-entry zones) can be established ranging from parallel lines to grid formations
- USB flash drives can be used to upload and download control and production information

Recommended PC Minimum Requirements:

Pentium 3, 1.5 GHz or higher with 1 GB of RAM
16 MB of Video RAM
4 GB of free hard drive space

Systems provided by LogicAll Solutions the most rugged PCs (NEMA rated) and sub-meter accuracy GPS receivers from Trimble Navigation.

Using proven technology to get the job done right.