Carlson Grade for Drills

Carlson MACHINE CONTROL

Features

- Compatible with 3GSM BlastMetriX 3D Blast Design software
- Flexible and easy to use interface
- Multiple view options available in profile, section and plan
- Directly import from open CAD and Carlson platforms
- DWG, DXF, TN3, GC3, LN3, TIN, GRD
- Track machine utilization, downs and delays
- NTRIP and VRS compatible
- Able to handle large surface files
- Real-time machine system view and troubleshooting capability from anywhere in the world
- Peer to peer communication and information sharing capability between all machines
- Works as a stand alone system or as part of a fleet environment with multiple machines

Experts in Machine Control Applications since 1996
- Mining - Landfill - Piling - Dredging -
- Construction - Contract Drilling -
- Custom Applications -

RAM INC
Explosive Technical Services

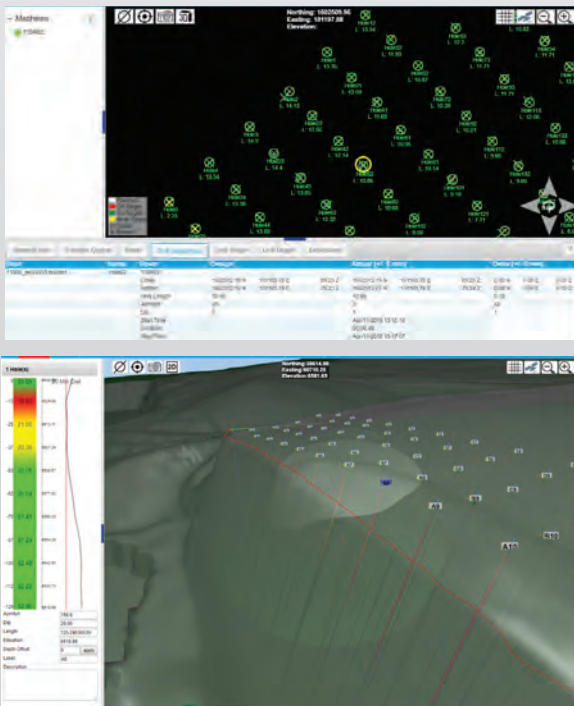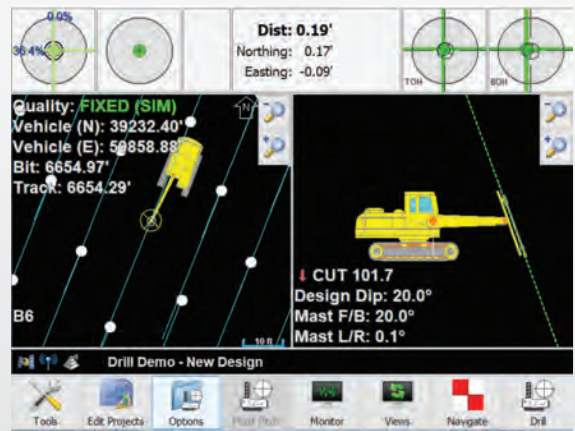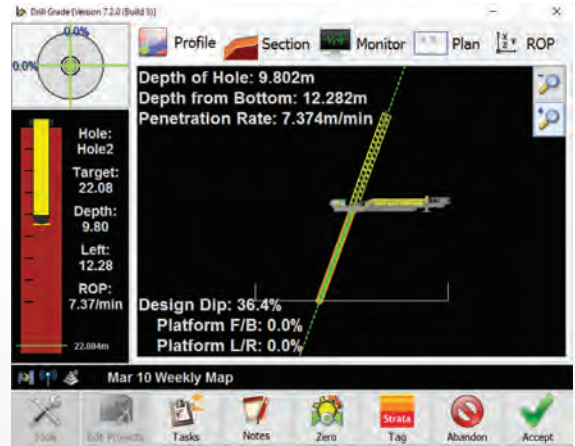**Carlson Distributor**
www.ramets.com

BREAK NEW GROUND

Safety Benefits

- Increase operator situational awareness through proximity warnings between machines and fixed assets
- Increase operator awareness by utilizing 2D and 3D watch zones and warning zones
- Increase safety for surveyors and engineers by reducing survey time in the field

Benefits

- Operator drill pattern layout in field
- Navigate to hole more accurately
- Drill to elevation or depth with accuracy
- Reduce survey costs
- Interface to various equipment on-board systems
  - Atlas Copco – FlexiRoc, SmartRoc, T30
  - Sandvik – TIM 6700
  - BBURG Drill Interface

Carlson Command

A comprehensive data storage and control software package that gives management and engineering a view of what is happening in real-time by moving pit maps, dashboards, and KPI screens. All information is stored for real time and port process reporting and analysis as well as playback of events.

- Productivity analysis
- Data management of single or multiple sites
- Direct machine to machine communication and data sharing with live and historical 3D machine playback
- In cab monitoring and training from office
- Full cut/fill color map with real-time surface updates
- Create and customize tasks, delays and down codes

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