

# NavLink for Boom Box 3

## Enhanced Autonomous Operation



### Navigation, Quality Control, and Reporting

NavLink software runs on the shooter's inexpensive Android-based tablet while in the field. The application makes acquisition easier, faster, and more reliable. Wi-Fi keeps the pair in contact without extra cabling.

#### Navigation:

**Real-Time Map Update** - Loading a bitmap image into NavLink helps the shooter move around the spread.

**Source Navigation** - NavLink provides real-time navigation to the next flag.

**Exclusion Zone Display** - Exclusion zone data can be loaded into the map so the shooter can avoid them.

**Flagless Operation** - NavLink can be used without flags.

#### Quality Control:

**Real-time QC** - The tablet and the Boom Box 3 are in constant communication, providing the shooter with real-time information.

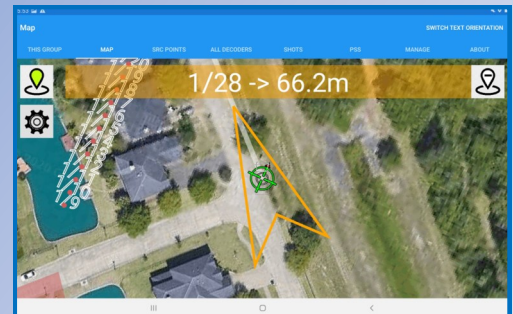
**PFS data display** - NavLink captures the "Post-Fire Service" information, presents it to the shooter, and stores it for later retrieval.

#### Logging & Reporting:

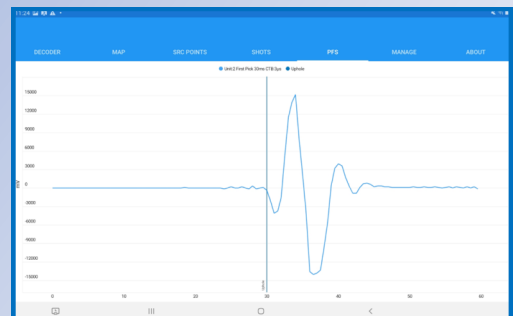
**Shot Point List** - Upload a list of source points to be fired into the tablet at before the shift starts.

**Improved record keeping** - As each hole is shot, NavLink marks it off the list and the map.

**SourceLink Integration** - After the shift, the tablet transfers the acquisition information and PFS data to SourceLink, so SourceLink can generate Observer logs and production reports.



Real-Time Navigation



Real-Time Quality Control

THIS GROUP	MAP	SRC POINTS	ALL DECODERS
	Line	Station	Acquired
	1	300	<input type="checkbox"/>
	1	299	<input type="checkbox"/>
	1	298	<input type="checkbox"/>
	1	297	<input type="checkbox"/>

Real-Time Shotpoint Accounting

