A new rapid select-fire system represents a step change in select fire operations by utilizing a unique electrical/ballistic transfer system that eliminates the inherent weakness in current technologies which use ported subs and require on-site wiring. The electronic switches are previously addressed and used to identify the plug and each gun in the perforating string before deployment.

**Applications:**

- Selective perforating operations
- Single run “plug and perf” operations
- Pump down perforating operations

**Benefits:**

- Increased safety (switch will not pass current until properly addressed)
- Reliable - no moving parts or activation pressure required
- Efficient one-trip multi-gun plug and shoot operations.
- Operationally simple
- Allows redundancy - no missed zones no missed production

**Features:**

- Up to 32 selections
- Temperature rating 350° F 175° C
- Pressure rating 20,000 psi
- Two-way communications with CCL in motion
- Unique address
- User interface
- Operates with BHI approved detonators or EBW
- Ability to test gun string at safe depth

Reduce NPT for perforating operations

With the use of modular electronic technology, pre-built components, and a proprietary electrical ballistic transfer mechanism, the rapid select-fire system enables operators to get in and out of the well in less time. With no manual wiring occurring at the rigsite and no moving parts to contend with, the risk of downtime is reduced, saving time and money.