

## Steering Tool System

### **PARATRACK**

HDD Guidance technology, developed and manufactured by Vector Magnetics, is rapidly being adopted as the HDD industry's recognized standard for underground guidance accuracy.

### **PARATRACK 2** – HDD's most advanced, multiple feature guidance system

**PARATRACK 2** utilizes proprietary AC current technology providing multiple source magnetic tracking options enabling continuous development of creative, technical guidance solutions. The array of guidance features now available include:



- **Single Guide Wire Tracking** - Surface or underground tracking, with or without return
- **Magnetic Field Tracking flexibility** - Standard magnetic field grid positioning is no longer necessary
- **Parallel Tracking** - Precision underground tracking of multiple parallel bores
- **Intersections** - Precision underground tracking of two separate or multiple boreholes approaching from varying directions for the purpose of joining these together.

**PARATRACK 2** intersect technology enables HDD installations of much greater length than previously considered.

- **Beacon Tracking System - BTS** - Precision WIRELESS underground tracking enables combination wire/wireless or totally wireless HDD installations where previously wire guided installations were difficult or not feasible.
- **Pressure - PWD** - Pressure While Drilling – Measures annular and drill pipe pressures, enabling monitoring of drill string and drilling total performance and borehole frac-out detection.



**Setting the Standards for Superior Performance**