

# Radiodetection Training Classes 2023

## Standard Locating Class (2hr)

- Basic Locating theory
- Locator & transmitter menus
- Passive locating (power, radio)
- Active locating (3 ways to connect)
- Frequency selection (low, mid, high)
- Antenna modes
- Features & Functions
- Marker ball features & Functions
- Understanding marker balls
- Safe work Practices
- Visual observation skills
- RD Manager PC Software (cal. certs)
- Available accessories

## Advanced Locating Class (2hr)

- A bit of the basics (Review)
- Understanding transmitters (ohms law, power, the circuit)
- Frequency selection (effects of)
- Maximizing Transmitter output
- Locate verification tools (current direction, current measurement, signal strength)
- Power Harmonics
- Applying the signal (determine the best method)
- Sweep & search
- The Locating checklist (continuous improvement)
- Non-metallic pipe (sondes, flexitrace)
- Fault locating (A-frame)
- GPS (internal, external)
- RD Manager PC software (usage logging, Cal certs – Cal countdown, google earth)
- RD Map Application

## Pipeline Current Mapping Class (2hr) (building on basic locator class)

- Basic Locating theory
- Basic cathodic protection (overview)
- PCMX features & functions
- ACCA (macro study)
- ACVG (micro study)
- Combined surveys
- Understanding PCM transmitters
- PCM Manager
- PCM manager android app