

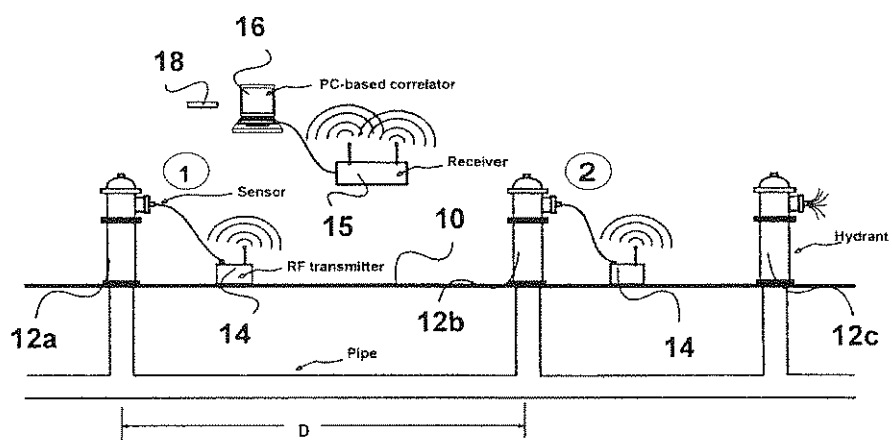


Fig. 1a

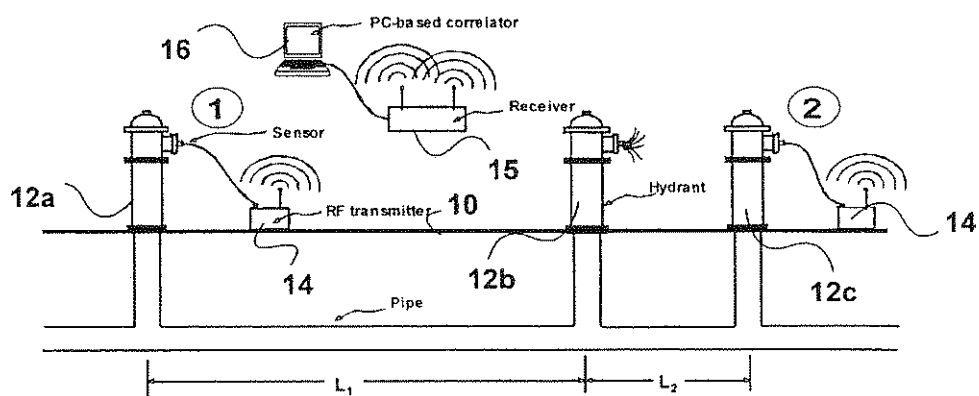


Fig. 1b

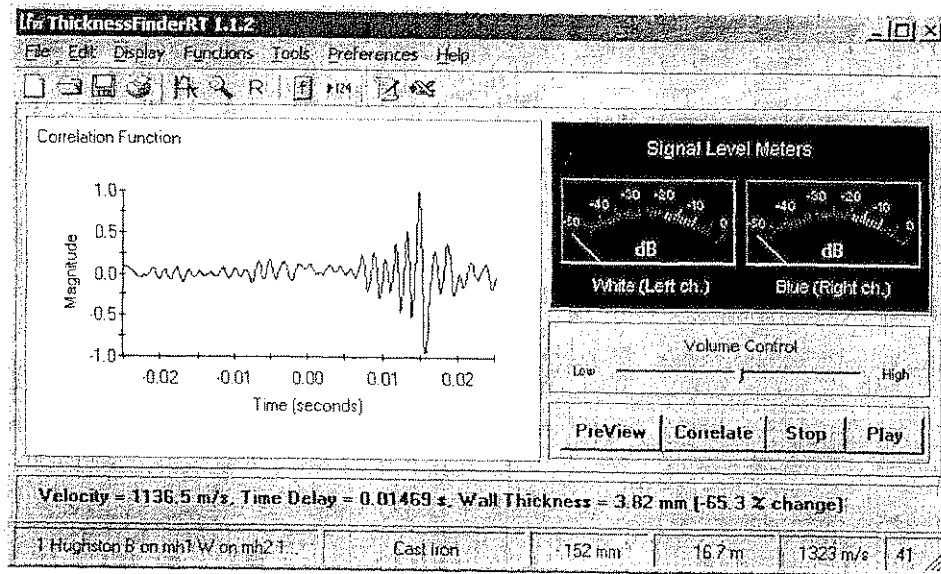


Fig. 2a

The screenshot shows the "Input Form" dialog box, which is used for configuring the software. It has a title bar "Input Form" and a close button. The dialog is divided into two tabs: "Theoretical Formulation" and "Methods". The "Theoretical Formulation" tab is currently selected.

The dialog is organized into several sections:

- General Input:**
 - Pipe type: Cast Iron (dropdown menu)
 - Pipe diameter (mm): 152 (text input)
 - Delta distance (m): 16.7 (text input)
- Thickness Related Input:**
 - Pipe thickness (mm): 11 (text input)
 - Non-uniform fraction: 1 (text input)
 - Pipe modulus (GPa/m2): 128 (text input)
 - Poisson's ratio: .3 (text input)
 - Water temperature (C): 16 (text input)
 - Water modulus (GPa/m2): 2.15 (text input)
- Re-correlate saved signals:** A checkbox that is currently unchecked.
- Save Signals:** A checkbox that is currently unchecked, followed by a "Duration (sec):" dropdown menu set to 60.
- Start:** A button to initiate the process.

Fig.2b

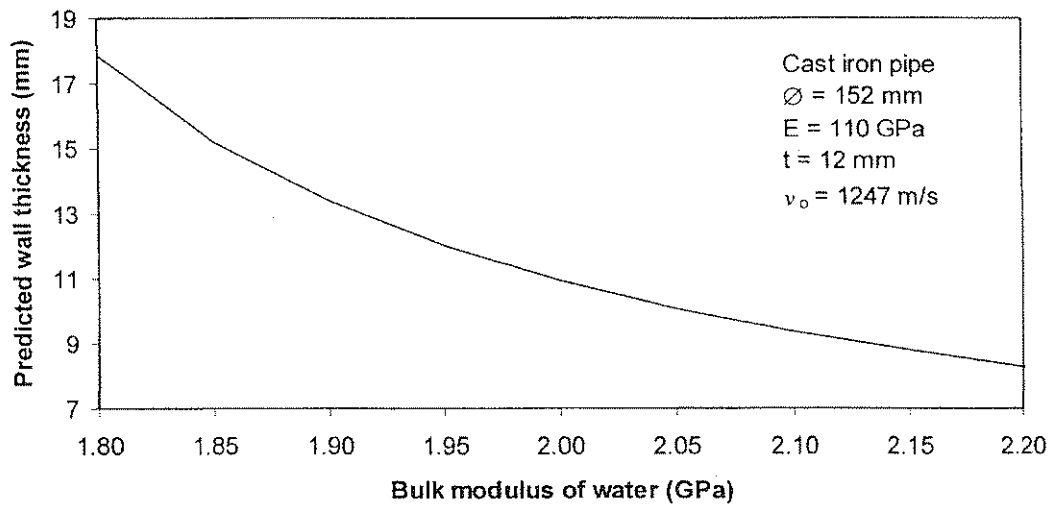


Fig. 3

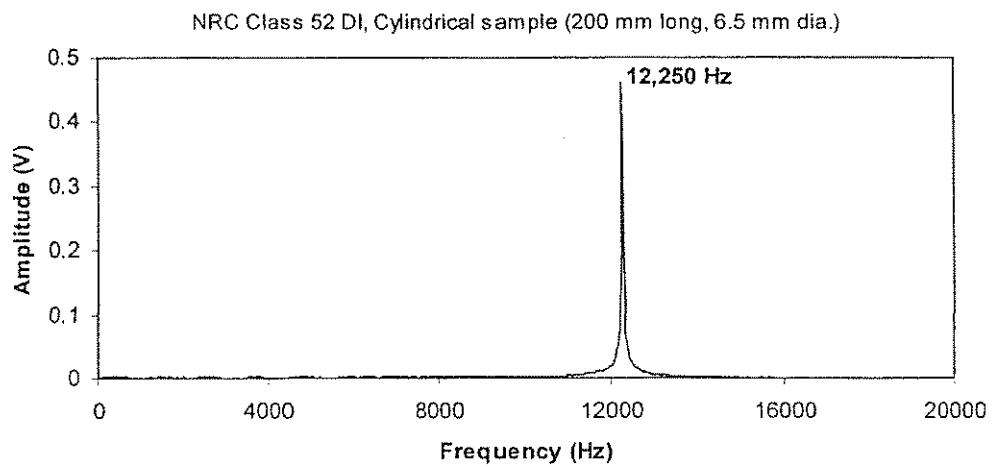


Fig. 4

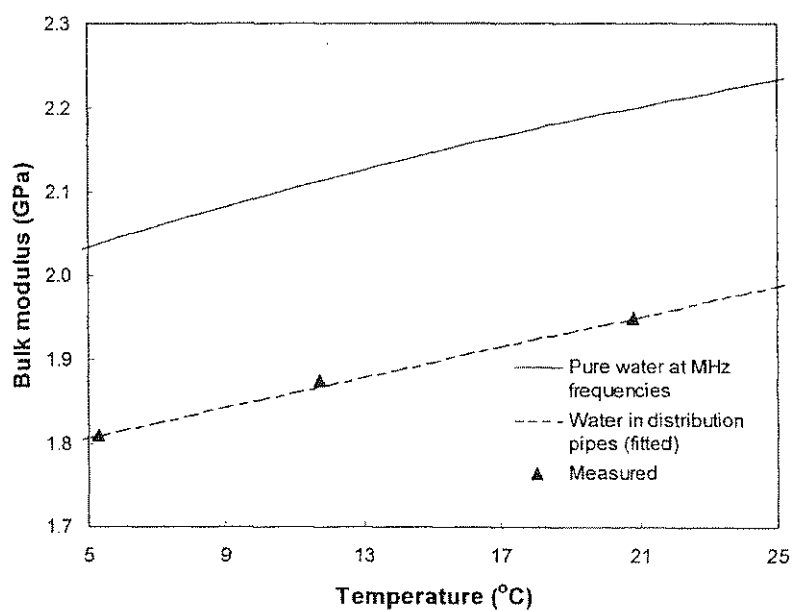


Fig. 5