



#### MAPPro USER COMMUNITY

The MAPPro® User Community has grown to almost 20 members (about one-third of the industry). These members have directed additional changes that will be available with MAPPro v2.1. Updates to the BPWorks v2.1 user interface have allowed the BPWorks Percent Complete tool to be updated and to be more accurate and meaningful for users wishing to run a secondary risk algorithm.

In MAPPro 2.0.8, a Ground Water Priority Index calculation, per NEI 07-07, was added using pipe data from the BPWorks data structure. A major shortcoming of this feature was the lack of numeric data for radiation exposure/radioactive compound concentrations. Tables changes in BPWorks v2.1 now pave the way to a much improved Priority Index calculation.

MAPPro User Community members will soon be testing remote access to BPWorks/MAPPro services and Web access to MAPProView® services (see image on page 30). Remote access to BPWorks/MAPPro will provide multi-user access for each site, significantly decreasing processing times for Dynamic Segmentation and the Risk Algorithm calculations. The web hosted version of MAPProView provides clients an easier way to access their GIS data. Accessing MAPProView is now performed through a web browser. This web-enabled version removes the requirement of having ESRI ArcReader software installed locally and also allows for easier multi-user access to the MAPProView data. A key function now available is an attribute table display, which was not available with prior ArcReader versions of MAPProView. The web hosted version continues to have the same tools users have come to expect, such as measure and identify tools.



# STRUCTURAL INTEGRITY'S GWT CERTIFICATION PROGRAM



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Two critical components of a successful Guided Wave Testing (GWT) assessment include having well trained and qualified GWT specialists on-site to perform the assessment and having every GWT examination reviewed by a second certified GWT specialist as a quality control checkpoint.

A thorough certification program is critical to a successful inspection as it helps ensure:

1. A level of proficiency on the equipment being utilized (which may vary depending on the application)
2. A fundamental understanding of GWT technology and experience in multiple applications and industries
3. An understanding of regulatory requirements as they pertain to specific applications of GWT
4. Assurance that the GWT specialists have maintained a level of proficiency and are current on the latest advancements in the technology

SI has recognized an industry need for GWT technician qualification and certification programs that are consistent with the processes and standards that are used for other NDE techniques in the industry. SI has found that while OEM qualification processes are good in quality, they are too equipment-centric to assure consistent, versatile, defensible certified inspectors. Thus, SI has developed a GWT certification program that documents the qualifications, and experience of SI GWT specialists that is specifically targeted for meeting the documentation and project requirements of the industry.

This program not only requires in-depth guided wave training and experience, but requires specific qualification in assessment strategies, operations, and trouble shooting. The program also requires periodic requalification, test-specific qualifications, and continual oversight of inspectors' performance. The program is consistent with the American Society of Nondestructive Testing (ASNT) SNT-TC-1A standard. In addition, to assist the industry as a whole, SI actively participates in new committees to establish the GWT Method within ASNT and to develop specific GWT standards within ASME and NACE.