

## Steerable, micro-ROVs for asset management

The Canadian company Deep Trekker has held numerous demonstrations of its DT340 Pipe Crawler CCTV System throughout Ontario, Canada and the United States with municipalities, public works departments, utility companies, and inspection companies. Feedback on these demonstrations has been overwhelmingly positive from industry professionals, the company reports.

Deep Trekker's new DT340 Portable Pipe Crawler systems are steerable, submersible, and portable – attributes valued by municipalities and infrastructure professionals who specialize in the inspections of pipelines and other water system infrastructure. The steerable pipe inspection tool allows users to change direction. This option often incurs additional costs for purchasers; however, steerable wheels come standard on all Deep Trekker systems for no extra cost. The tool can be used to perform pipeline inspections without limiting its direction and scope.

Deep Trekker's DT340 Pipe Crawler Systems can operate both in dry and wet pipes. Submersible up to 50 meters, operators never have to worry that water in a pipe or heavy rains will damage their equipment. The DT340 Pipe Crawler System is completely self-contained and able to perform even in tough situations.

Many pipe crawler systems claim to be portable, yet they still require topside power, dedicated service trucks, or additional components. The DT340 Pipe Crawler System is 100-percent portable, with everything necessary to perform an inspection complete in two carrying cases. The units are battery-powered, with rechargeable lithium-ion batteries contained within the system so the unit can be deployed from anywhere. The batteries last between 6-8 hours on a single 1.5-hour charge.

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## HYMAX Clamp for long-term pipe repair

Krausz USA will be exhibiting its HYMAX Clamp used to repair holes and longitudinal cracks in water and wastewater pipes. Two bolts are used to tighten (length sizes up to 30.5 centimeters or 12 inches) the clamps, making installation simple and worker-time minimized in the ditch. Three and four bolts are needed for larger pipes.

“Installers can easily position and attach HYMAX Clamp by sliding it over the pipe and then tightening the bolts with a double click to confirm proper installation,” said Krausz USA President Tom Gwynn. “Installers can know with confidence that when they hear the double click, the HYMAX Clamp has been installed properly and the bolts will remain tight without the need to be re-torqued.”

The weld-free construction and 100-percent stainless steel body make it tough and resistant to corrosion while the waffle pattern gasket is securely connected with insulated bolts to the body of the clamp. In addition to being durable, the HYMAX Clamp features a working range of up to 4 centimeters (1.60 inches) that allows utilities to save inventory shelf-space and costs. It can replace up to three standard clamps that can be used on a range of pipe sizes and materials. This enables utilities to keep a smaller number of products on-hand while reducing the risk of installing the wrong size clamp.

“With its simple installation and high durability, crews can fix pipes quickly and leave the site knowing that the repair will last over the long term,” Gwynn added.

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## Great Water Cities panel to share ideas and solutions

WEFTEC® offers a chance for water leaders from around the world to openly discuss the challenges of water scarcity, climate change, the evolving role of utilities in the public sphere, and the cost of eroding water and wastewater infrastructure.

Since 2011, WEFTEC has held the Great Water Cities series of dialogues featuring high-level water sector leaders. The speakers usually span disciplines and, sometimes, even continents – and this year is no exception. WEFTEC 2016 in New Orleans will feature a Great Water Cities panel on Monday, September 26 immediately after the opening general session. The panel includes speakers who will bring a unique perspective and background to the discussion:

- Cedric S. Grant, executive director of Sewerage and Water Board of New Orleans, Louisiana, United States
- George S. Hawkins, chief executive officer (CEO) and general manager of DC Water, Washington DC, USA
- Raveen Jaduram, chief executive, Watercare Services Limited, Auckland, New Zealand
- Heiner Markhoff, president and CEO of GE Power & Water's Water & Process Technologies, Trevose, Pennsylvania, USA
- Joo Hee Ng, chief executive of Singapore Public Utility Board, Singapore.

Grant oversees a US\$3.3 billion capital improvement program comprised of more than 600 projects that will create 20,000 construction jobs.

Prior to becoming executive director, Grant was deputy mayor of Facilities, Infrastructure and Community Development for the City of New Orleans. In that role, he oversaw capital development related to the city's recovery post-Hurricane Katrina that is valued at more than \$1 billion. Grant also has served as chief administrative officer for both Ascension Parish and City of New Orleans, deputy secretary of the Louisiana Department of Transportation and Development, director of Capital Projects for the New Orleans Downtown Development District, and Planning Manager, for the Port of New Orleans.



**George S. Hawkins**  
CEO and General Manager  
DC Water

As the CEO and general manager of DC Water, Hawkins supervises an operating and capital budget of nearly \$1 billion and helps provides drinking water delivery and wastewater collection and treatment for a population of more than 600,000 in the District of Columbia, as well as the millions of people who work in and visit the District. DC Water also treats wastewater for neighboring Montgomery and Prince George's counties in Maryland, and Fairfax and Loudoun counties in Virginia.

Prior to joining DC Water, Hawkins served as director of the



**Cedric S. Grant**  
Executive Director  
Sewerage and Water Board of  
New Orleans

As executive director of Sewerage and Water Board of New Orleans,

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