

Can you see  
the ship hull in  
this zero-visibility  
water?

## Castle's Hydro-Brace Offers Ports More Efficient H-Pile Repairs

The Castle Group's newest solution to H-Pile deterioration is the Hydro-Brace H-Pile Repair System. Traditionally, repairing corroded H-Piles has been a labor intensive, time consuming, and costly repair. This new product eliminates the need to sand/burn the outside H-Pile section, install bulky fiberglass jackets, and replace cross bracing and connection brackets.

With the newly patented design, steel piles and beams can be repaired by using a mixture of hot-dipped, galvanized steel and concrete. Rather than demolishing the original H-Pile, they are able to provide the existing structure with



added support, resulting in a stronger and longer lasting H-Pile. The Hydro-Brace is custom fabricated to fit inside the existing structure of any sized H-Pile or steel beam, both above and below water.

Some of the unique features and benefits of the Hydro-Brace include faster installations, reduced costs, and increased load capacities. Since The Castle Group has begun installing these systems, they have been able to reduce the number of days on project sites, reduce project costs by 20%, and increase the strength of the original H-Pile systems by more than 30%. This results in a completed structure with a minimum life expectancy of 30 years before the next repair is needed. For more information on how they can aid your port's maintenance schedule, visit [www.wjcastlegroup.com](http://www.wjcastlegroup.com). **IP**

## Sennebogen Adds Canadian Dealers

In recent years, Sennebogen material handlers have become a frequent sight in barge unloading along North America's inland waterways. Sennebogen has established a strong new presence in Canada's Atlantic Provinces with the recent appointment of Strongco Corporation as its exclusive distributor in Nova Scotia, New Brunswick, Prince Edward Island, and Newfoundland.

Constantino Lannes, President of Sennebogen, announced that Strongco has been appointed to represent Sennebogen green line machines through its three Maritime locations.

"We have seen how Strongco built itself into a model distribution company through its real commitment to service and teamwork. When it comes to providing customer solutions, they truly 'walk the talk' by working closely with both the customer and the OEM."

Mi-Jack Canada has also come onboard. As the leading specialist in material handling equipment in western Canada, Mi-Jack has expanded its lines of purpose-built machines with the addition of Sennebogen green line material handlers. Customer requests led the multi-line distributor to bring Sennebogen green machines to its maritime service locations.

According to Brian Lynch, Manager of Mi-Jack Canada, his newest line of cranes has much to offer for the busy barge facilities that support the continuing growth of the oil developments at Fort McMurray in northeast Alberta. **IP**



## PortVision Enhances Service

PortVision has enhanced its web-based vessel tracking, management, and analysis service to provide greater insight into vessel activities in most major US ports and regions and over 50 international ports. PortVision 4.5 now incorporates features including weather conditions, distance calculations, plus the ability to create user-defined VesselZones that simplify vessel viewing, tracking and alerts while streamlining and enhancing incident response.

PortVision's enhanced vessel-tracking service leverages the world's only comprehensive database of AIS real-time and historical tracking data to provide detailed visibility into commercial vessel activity, from port arrivals and departures to ship movements on the open sea.

Within PortVision's service portal, users now also have full, Web-based access to real-time weather radar overlays and animated loops, plus voyage distance calculations and vessel arrival estimations. PortVision 4.5 also enables users to filter results by ship and port or region, and create user-defined tracking-related VesselZones by simply clicking and dragging points on the map overlay.

VesselZones are particularly important for maritime incident response, enabling real-time information and reports to be shared with remote participants and operation centers while also streamlining third-party vessel monitoring to validate activities and costs and to expedite billing.

PortVision 4.5 can be configured to highlight only specific vessels of interest, or to view all AIS-enabled vessels on the waterway. The optional inclusion of satellite data brings visibility to vessels at sea, as well as unmanned barges and incident response equipment.

Additionally, PortVision 4.5 has been enhanced so that users can create user-defined lists to track multiple fleets of any size, including chartered vessels, workboats, tugs, and barges. PortVision 4.5 also will alert users when vessels move in or out of user-defined VesselZones. Additionally, PortVision 4.5 can be used to calculate distances between selected points, and vessel arrival times based on estimated speed to the specified arrival point. **IP**