

**Great Lakes Dredge & Dock Company, LLC** provides domestic and international capital, coastal protection, and restoration dredging services that help shape the environment by maintaining and deepening America's ports, protecting its shorelines, and creating barrier islands and land reclamations.

## «We use PANOLIN as our preferred EAL product»

**G**reat Lakes Dredge & Dock Company, LLC (GLDD) is North America's dredging industry leader, the largest provider of marine dredging, and the only U.S. company with substantial overseas operations primarily in the Middle East (Bahrain, Qatar) with additional project work in Europe, Africa, Mexico and South America. Based in Oak Brook, Illinois, the company has its origins in the Great Lakes, where it built most of the maritime infrastructure at the end of the 18th century and beginning of the 19th century. The company was founded in 1890 as a partnership between William A. Lydon & Fred C. Drews. In 2017, GLDD had \$703M in sales and employed 1,500 people. Today, GLDD operates the most diverse fleet of dredges in the U.S., including the most powerful trailing suction hopper dredge, the largest barge mounted excavator, and the largest cutter suction dredges. GLDD's specialty is large, complex projects in which state-of-the-art equipment and expertly qualified GLDD engineering teams are used. The company employs people from the fields of civil engineering, marine technology and mechanical engineering, investing heavily in the training and continuing education of its personnel. «This enables us to carry out projects that would not have been possible without innovative thinking», explains Steve Becker, Senior Vice President, Plant & Equipment. Safety is also paramount at GLDD and enormous effort is made by every employee to achieve safety excellence. «We want our employees to return home safely every day», explains Becker.

In addition to personnel and safety, GLDD also invests in hardware, owning and operating over 200 specialty vessels. In 2018, two new vessels were added to the fleet, the tug «Douglas B. Mackie», and the largest hopper dredge in the U.S., the «Ellis Island». David Simonelli,

President Dredging Division, commented: «We are excited to take delivery of this advanced vessel which improves the competitiveness of our hopper group. The Ellis Island significantly increases the United States commercial Jones Act hopper fleet capacity as the largest hopper dredge, with a carrying capacity of 15,000 cubic yards.»

Steve Becker told Feedback: «Since we work in a sensitive marine environment every day, we know our present and future require that we operate in a manner that provides minimal impact to the waters and biology around us. While much of our work is governed by strict environmental oversight, we provide the tools and methods to make sure we exceed the environmental requirements to assure sustainability of the world around us.»

This is where the partnership between PANOLIN and GLDD has grown. This innovative company uses different PANOLIN products such as HLP SYNTH 46, MARGREASE EP2, STELLA MARIS 100, and EP GEAR SYNTH on its dredges including the Ellis Island, Douglas B. Mackie, New York, Texas, Illinois, and Carolina to name a few. PANOLIN products are being relied upon by GLDD in applications including hydraulic systems, lubrication systems, cutter gear boxes and hydraulic closing devices. Steve Becker explains: «GLDD has been pleased with PANOLIN's products and services to date and continues to expand its use in our fleet. Since 2015, 15 machines have been converted to PANOLIN. GLDD is applying PANOLIN as our EAL of choice in many of our interfaces with the sea. In instances where unfortunate spills have occurred, regulatory cooperation and approval has been positive once the product was identified as PANOLIN.»