



### ***The James A. Hannah***

You don't often see the 143' *James A. Hannah* without seeing *Hannah 5101*, the 360' barge she's dedicated to, pretty close by. The pair moves petroleum products all around the Great Lakes. Originally built for the Navy in 1945, the *JAH*, and its two 1700 HP Fairbanks Morse 38D8 1/8s, has had a long and productive life. A great crew and a prudent maintenance cycle guarantee many more profitable years from her.

In an effort to make sure that the engines run well and that fuel delivery system maintenance is minimized, Hannah Marine made the decision to include the LG-X series of in-line fuel conditioners as part of the ship upgrades in 2008. The corporation is also using AFC-705 fuel catalyst to keep the tanks clear of sediment and water. Hannah Marine has made the environmental commitment to reduce emissions and reduce fuel consumption while still economically providing service to its customers. The results have been smoother operation (less unnecessary maintenance means that other more important things can be fixed!), less wear and tear on fuel pumps and injectors, and a more complete burn of the fuel on board. In short, a cleaner running boat!

For more than half a century, marine cargo customers have relied on Hannah Marine Corporation's knowledge, experience and efficiency to move their liquid cargo along inland waterways and throughout the Great Lakes and St. Lawrence Seaway. Emphasizing safety, speed and service, Hannah partners with customers to solve problems such as limited draft and other waterway or port restrictions. Hannah Marine can be reached at [www.hannahmarine.com](http://www.hannahmarine.com) or 630.257.5457.

Algae-X is the worldwide leader in total fuel management systems designed to optimize fuel quality and promote peak engine performance and reliability. Algae-X technology improves the quality and reliability of fuels resulting in improved combustion, significant reduction in particulate emissions, and lower overall operating and maintenance costs. The Great Lakes Basin distributor for Algae-X products is the Diesel Fuel Doctor. [www.dieselfueldoctor.com](http://www.dieselfueldoctor.com) or 517.605.5788.