GE’s LM2500 gas turbines power the United States Coast Guard’s new National Security Cutters (NSC). Each 418-feet-long cutter features one LM2500 in a combined diesel and gas turbine propulsion system to reach speeds in excess of 28 knots. The seventh NSC, Kimball, was launched at Huntington Ingalls Industries (HII) in Pascagoula, Mississippi, December 17, 2016. The previous day, the U.S. Coast Guard accepted delivery of the sixth cutter Munro, in Pascagoula. Cutters Bertholf, Waesche and Stratton are stationed in Alameda, California. Coast Guard cutters Hamilton and James are stationed in Charleston, South Carolina. To date, all the NSCs are powered by an LM2500 gas turbine manufactured at GE’s Evendale, Ohio, facility.

**LM2500 Gas Turbine**

The LM2500 is a popular choice for industrial as well as commercial and naval marine customers. In fact, 35 navies worldwide have selected the LM2500 for a variety of high-speed ship programs. The LM2500 is a simple-cycle, two-shaft, high performance engine. Derived from GE’s CF6 aircraft engine, the LM2500 offers 33,600 shaft horsepower at 39% thermal efficiency.

GE has kept this aeroderivative gas turbine state-of-the-art through the continual infusion of technological enhancements. These improvements keep the LM2500 current and suitable for marine programs yet to come.

Shown is USCGC Waesche, the first United States Coast Guard National Security Cutter (photo courtesy of the United States Coast Guard).