GE to Provide LM2500 Gas Turbines to Power Pakistan Navy's MILGEM Corvettes

Derlim Cotte (center) and Cheri Undheim from Florida State College at Jacksonville's Vision Education & Rehabilitation Center look at the inside of a LM2500 Gas Turbine Motor. U.S. Navy / Scott Curtis

EVENDALE, Ohio – GE Marine has signed a contract with STM (Savunma Teknolojileri Mühendislik Ve Ticaret A.Ş.), Ankara, Turkey, to provide LM2500 marine gas turbines to power the Pakistan Navy's new MILGEM multipurpose corvettes, GE announced in an Oct. 6 release. STM is the main propulsion system integrator for the MILGEM newbuilds.

In July 2018, the Pakistan Navy contracted for four MILGEM corvettes with ASFAT (Askeri Fabrika ve Tersane İşletme A.Ş.), two of them to be built in Turkey and the other two in Pakistan. Recent milestones for the Pakistan Navy's MILGEM program include the keel laying of the first ship in Istanbul, Turkey, and the steel cutting ceremony for the second corvette in Karachi, Pakistan.

"We are delighted to provide the Pakistan Navy with our proven LM2500 gas turbine to power these new MILGEM corvettes," said Kris Shepherd, vice president, Marine Operations, GE Marine, Evendale, Ohio. "Our LM2500 gas turbines are reliably logging operating hours onboard the Turkish Navy's four MILGEM corvettes, the first of which was commissioned in 2011," he added.

The propulsion system for all the MILGEM ships consist of one LM2500 gas turbine in a combined diesel and gas turbine configuration with two diesel engines; total propulsion power is 31,600 kilowatts. Additionally, 24 LM2500s operate aboard

the Turkish Navy's *Barbaros* and *Gabya* class frigates. Worldwide, there are over 1,200 marine LM2500 gas turbines providing reliable power for 39 international navies and in countless industrial applications.

The LM2500 gas turbines for the Pakistan Navy's MILGEM program will be manufactured at GE's facility in Evendale, Ohio.