TECHNICAL SERVICES TO REMAP CPP AND THROLTLE POSITIONS

**Background.** JAMES has experienced several loss of engine speed control incidents while in Starboard Cruise mode, resulting in severe engine bogging or un-commanded declutches and engine shutdowns. Issue appears to occur when the operator increases handle position from ~2 to ~5, at which point pitch on both shafts increases as expected but engine RPM/power output does not, causing the engine to bog down to ~240 ERPM at which point the system automatically declutches both shafts and shuts the engine down.

1. **Scope**. MTU Rolls Royce Solutions America send a propulsion integrator technician to meet and troubleshoot issue and restore class-standard pitch/speed combinator maping across all propulsion modes.

* Remap throttle and Prop positions
* While underway troubleshoot and repair ships propulsion system.
* Restore the MDE to normal operation.

1. **GFE:** N/A
2. **Tasks**. The contractor shall provide technical expertise for mapping throttle positions and all corresponding speeds.
3. **Delivery**. Contractor shall provide a final report within 3 days of contract period of performance.
4. **Place of performance**- CGC JAMES UNDERWAY. Meet cutter small boat in Miami. Ships force will coordinate with tech for pickup and take to cutter.
5. **Period of performance**- 05 MAR 2025 – 08 MAR 25
6. **Points of Contact**.

10.1. USCG-SFLC-LRE PL Asset Management: CWO Matthew Temple, [matthew.temple@uscg.mil](mailto:matthew.temple@uscg.mil), 510-460-8195