

**MarTREC UTC Project Information Form**  
USDOT Tier 1 University Transportation Center  
Agency ID or Contract Number 69A3551747130

Project Title: Development of AIS Model of Texas Gulf Intracoastal Waterway Travel Times
Project Abstract (Brief Description): This work will build on work previously done by the U.S. Army Corps of Engineers Research and Development Center (ERDC) on the Ohio, Illinois, and Upper Mississippi Rivers. That work used Automated Identification Service (AIS) records to develop travel time statistics for the three rivers. The focus of this research project is to perform a similar analysis on the Texas portion of the Gulf Intracoastal Waterway (GIWW). The Texas GIWW presents a level of complexity significantly greater than rivers mentioned above because of the intersections with ship channels and the fact that some barges go into and exit port areas while others pass through.
Describe Implementation of Research Outcomes (or why not implemented) - Place any photos here <i>To be determined upon conclusion of the project:</i>
Impacts/Benefits of Implementation (actual, not anticipated) <i>To be determined upon conclusion of the project:</i>
Web Links: <a href="http://martrec.uark.edu">martrec.uark.edu</a>
Budget (Funding) Amounts & Source(s) (US DOT +Match(s) =Total Costs): ): \$69,880 from MarTREC and \$36,593 from matching funds for a total of \$106,473.
Project Start and End Dates: October 2019 to April 2021 Project Complete
Principal Investigator(s) and Contact Information: C. James Kruse)— <a href="mailto:j-kruse@tamu.edu">j-kruse@tamu.edu</a> — 713-613-9210
Principal Investigator Institution (University): Texas A&M Transportation Institute