
PROFESSIONAL EXPERIENCE

- Geophysical Intern, TDI Brooks International, Inc., February 2022 – September 2022
- Texas A&M Galveston, Sept 2020 – April 2022
- Marine Technician, TDI Brooks International, Inc., September 2022 - Present

KEY ACHIEVEMENTS - TDI BROOKS INTERNATIONAL, INC.

Marine Geotechnician (May 2022 - Present)

- Box coring with vane shear testing of sediment
- Piston Coring
- Deployment of Side Scan Sonar/TVG/Sparker system
- Jumbo Piston Coring
- General lab processing
- Manta CPT

Geophysical Post-Processor (February 2022 - Present)

- Examination, processing, and interpretation of side scan sonar data
- Experience with the usage of Chesapeake Technology Inc® SonarWiz software
- Side scan sonar identification of seabed features through contact picking
- Experience with Multibeam processing with Qimera
- Proficient with Backscatter processing with FMGT
- Experience using Global Mapper software for data adjustment/display

Navigator (July 2022 - Present)

- Proficient with operation of Navigation softwares such as Winfrog or Qinsy
- Proficient with operation/troubleshooting of USBL systems such as APOS/GAPS/PYXIS
- Experience with operation of Multibeam acquisition systems such as NORBIT
- Experience with operation and data acquisition of subbottom using INNOMAR/Hull mounted 302 system
- Proficient with Survey line planning
- Proficient with file management and data transfer during operations
- Experience training personnel in navigation and processing software/procedures/troubleshooting
- Experience facilitating communications between all departments via radio onboard vessels
- Experience with formatting/organizing documentation and writing of SOP documents

FORMAL EDUCATION

- Texas A&M University at Galveston, Bachelor of Science, Marine Science, Minor in Geology, May 2022

KEY ACHIEVEMENTS – TEXAS A&M UNIVERSITY

Marine Science

- Assisted in sample and field collection for multiple local and international projects
- Worked closely with and aided research assistants and graduate students
- Processed different types of samples, including water and geological
- Managed samples for suspended sediment and radioisotopes

Galveston Bay Sediment Research Project

- Assisted in coordinating equipment preparation for coring cruises
- Collected sediment samples using multiple coring methods
- Analyzed and prepared samples for water content, grain size parameters, and total mercury content
- Wrote a project proposal, presented it, alongside an undergraduate thesis

Richard Schenk

Geophysical & Geotechnical Processor

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FIELD EXPERIENCE

- Navigator, Geophysical acquisition, Chevron/SEISSPACE, Nigeria, R/V Nautilus, April-May 2025
- Navigator, Geophysical acquisition, Total Energies, Namibia, R/V Nautilus, January-March 2025
- Navigator, Geophysical acquisition, DENAR/Turkish Petroleum, Turkey, R/V Nautilus, August-September 2024
- Navigator, Geophysical acquisition, Attentive Energy LLC, United States Eastern Coast, R/V Emma McCall, August-September 2023
- Navigator, Geophysical acquisition, Vineyard Mid Atlantic, R/V Brooks McCall, April-July 2023
- Navigator, Geophysical acquisition, Attentive Energy LLC, United States Eastern Coast, R/V Brooks McCall, October-November 2022
- Navigator, Geophysical acquisition, BHP, Trinidad and Tobago, R/V Gyre, July-September 2022

