



Kenneth Craigue, Jr.
Hydrographic Surveyor/Party Chief
kencraigue@tdi-bi.com

WORK EXPERIENCE

Technical
Experience

TDI-Brooks International, Inc. Present
Hydrographic Surveyor/Party Chief

- Party Chief for 8 month Geophysical Pipe Line Survey for COLT
- Conducted EBS, Cable Route, and Pipe Line surveys using single, multi-beam sonar, sub-bottom profiler, and magnetometer
- Proficient with Discover, Sonarwiz, QInsy and Qimera QPS, AcrGIS, and Caris acquisition and processing
- Lead technician for GPS, DGPS, Gyro, and USBL Navigation installation and set-up on new survey vessel
- Lead Navigator on twelve Technical Marine Surveys
- Adept at Kongsberg and Teledyne USBL calibration and operations
- Conducted seven Technical Marine Surveys with Box, Jumbo/Piston Core, and CPT operations
- Very proficient at CTD set-up, programming, and operation
- Extensive experience at gCPT set-up, operation, and processing
- Highly skilled at T-Bar set-up, operation, processing, and Quality Check of results

Naismith Marine Services, October 2018 to November 2018
Hydrographic Surveyor

- Conduct Harbor and Mean Highwater surveys using single dual frequency and multi-beam sonar
- Utilized magnetometer for harbor hazard surveys
- Perform transects using Hemisphere GPS base and rover set-up
- Analyze and interpret data for reporting using HyPack

Prudent Engineering, April 2018 – September 2018 *Hydrographic Field Technician*

- Conducted 100 Bridge Fathometer and Diving Surveys for NYDOT
- Consistently Configured and operated R2Sonic 2022 multi-beam Sonar
- Routinely conducted bridge/land surveys with Trimble Total Station/GPS



EdgeTech, April 2014 – April 2018 - *Bathymetric Production Supervisor*

- Build, Test, and Repair of Interferometric Multi Phase Echo Sounders
- Conduct Sea Trials and Evaluate Bathymetric Data
- Interpret and Evaluate Schematics and Drawings
- Captain Ocean Researcher Survey vessel

United States Marine Corps, August 1980 – September 1990
Work Center Supervisor

- Administration of Maintenance on F/A-18 Avionics Systems
- Quality Assurance Collateral Duty Inspector

Other Work History

Retail Management, Nov 1991 – April 2012

Store Sales and Operations Management

- Customer Service and Sales Generation
- Hiring, Training, and Appraisal of Personnel

EDUCATION

Jan 2013 – May
2016

Bristol Community College, Fall River, MA

*AS Engineering Science – Graduated Magna Cum Laude – 3.62
GPA*

- Phi Theta Kappa Honor Society
- 2014 National Community College Aerospace Scholar NASA

Mar 2016

EdgeTech, West Wareham, MA

Certified Acquisition and Processing Software

- HyPack
- QInsy and Qimera QPS
- Caris
- Discover
- Sonarwiz

June 2014

EdgeTech, West Wareham, MA

Certified Manufacturing, Test Technician, and Operator

- Single and Dual Frequency Side Scan Sonar
- Interferometric Side Scan and Bathymetry
- MBES Theory, Application, and Operation

Jan 1981, Nov
1984

Naval Aviation Maintenance Training Group, Millington, TN

Certified Mechanic and Avionics Technician

- Basic and Organizational Electricity and Electronics
- Advanced Avionics – Communication/Navigation/Radar



Scientific Services on a Global Basis

TDI-Brooks International, Inc.

14391 S. Dowling, College Station, TX 77845

Ph: (979) 693-3446 Fax: (979) 693-6389

www.tdi-bi.com

VOLUNTEER EXPERIENCE

2018 to Present **Texas Dream Center**, Houston, TX

2013 to 2018 **Providence Rescue Mission**, Providence, RI

FIELD EXPERIENCE

Navigator, Creocan-Total EBS Program, Ivory Coast, Atlantic Ocean, 11 Sept to 9 Oct 2020.

Navigator/Operator, US Wind Geophysical Program Testing and Mobilization, Gulf of Mexico, 07 Aug to 12 August 2020.

Navigator, LLOG Spruance Geotechnical Program, Gulf of Mexico, 31 July to 05 Aug 2020.

Navigator, NOAA/Echo Geotechnical Program, Gulf of Mexico, 20 June to 22 June 2020.

Navigator, Echo GoM Geotechnical Program, Gulf of Mexico, 18 June to 19 June 2020.

Navigator, Pinnacle Enven Dothraki Geotechnical Program, Gulf of Mexico, 02 June to 05 June 2020.

Navigator, Sea Trial of Miss Emma McCall, Gulf of Mexico, 28 May to 01 Jun 2020.

Navigator, Murphy Kings Quay Geotechnical Project, SubSea7, Gulf of Mexico, Green Canyon, 04 May to 14 May 2020.

Navigator, TGS Geotechnical Project, TGS Senegal, Atlantic Ocean, Senegal, 05 Mar to 19 Mar 2020.

Navigator, BP Geotechnical Project, BP Tortue, Atlantic Ocean, Dakar, Senegal, 10 Feb – 03 Mar 2020.

Party Chief, COLT Geotechnical/Geophysical Project, ENBRIDGE – COLT, Nearshore GoM, Freeport, TX, 22 Nov – 05 Dec 2019

Party Chief, COLT Geotechnical/Geophysical Project, ENBRIDGE – COLT, Gulf of Mexico, Freeport, TX, 13 Sept – 11 Nov 2019

Survey Operator, COLT Geotechnical/Geophysical Project, ENBRIDGE – COLT, Gulf of Mexico, Freeport, TX, 14 Aug – Sept 13, 2019

T-Bar Technician, Oceanering Total North Platte AUV Project, Total, Gulf of Mexico, Fourchon, LA, 01 July – 16 July 2019

T-Bar Technician, Oceanering Chevron Anchor Project, Chevron, Gulf of Mexico, Fourchon, LA, 14 June – 28 June 2019



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Navigator, Environmental Baseline Survey, Exxon Mobil, Atlantic Ocean, Guyana, 04 April – 25 April 2019

Survey Technician, Cable Route Survey, GEOTEAM, Caribbean Sea, Guadeloupe, 20 January – 21 February, 2019