
PROFESSIONAL EXPERIENCE

- Engineering Specialist, TDI-Brooks International, Inc., October 2010 - Present
- Sports Statistics Editor and Sports Videographer, Houston Chronicle, December 1999 - September 2009

KEY ACHIEVEMENTS - TDI BROOKS INTERNATIONAL, INC.

- Proficient in using Winfrog navigation software, connecting peripherals, producing output data signals and video feeds, collecting production information and establishing remote stations.
- Proficient in using APOS USBL software, connecting peripherals, supplying data to other systems and performing calibration and sound velocity updates.
- Proficient in installing and using HPR400 and HiPAP 351 USBL systems. Performing maintenance and repair on these systems as well as the MST352 beacon and the Cnode.
- Install, connect and maintain GPS, Gyro, AIS, weather station, sounder and other survey grade electronics and performed troubleshooting and repair on this equipment.
- Deploy, maintain and process data from Seabird CTD systems. Connect various instruments, water samplers, housings, deck boxes and winch cables to the CTD.
- Proficient in the assembly, deployment and data uploading and processing of the FILAX heat flow system.
- Install, repair, operate and troubleshoot the Edgetech sub bottom profiling system. Compile and evaluate the data from the sub bottom profiler.
- Experience processing sub bottom data with Sonar Wiz.
- Install, maintain and repair the video surveillance systems on multiple vessels.
- Install, maintain and repair the AV, and entertainment systems on multiple vessels.
- Troubleshoot and repair network and internet connectivity issues on the vessels
- Install and operate the ship-wide public address system
- Field operation of CPT cones and T-bar including bench testing, arming and uploading data.
- Create training and marketing videos of TDI-Brooks' products and services.

KEY ACHIEVEMENT- HOUSTON CHRONICLE

- Established requirements and implemented upgrades the company's proprietary editing software
- Conducted employee training for the use of the company's computer system and proprietary software
- Integrated company's style format into a completely new editing program and trained the sports department in using the new program.
- Maintained and repaired camera equipment for outdoor use.
- Used Photoshop and Premiere Pro to produce over 2000 sports videos and post them on Chron.com.

PROFESSIONAL HIGHLIGHTS

- 33 Cruises over seven years conducting Geotechnical, Geochemical, and Environmental Baseline operations. 26 Cruises were conducted as the Survey Navigator
- 10 years' experience with operating and maintaining shipboard electronic, acoustic, and communications systems.

FORMAL EDUCATION

- BA in Communications from The University of St. Thomas in Houston, Texas May 2005

PROFESSIONAL TRAINING AND CERTIFICATIONS

- Able Seaman Mariner Credentials - Houston Marine Training Services; USCG
- Basic Rigging - Crane Tech, LLC
- Personal Safety and Social Responsibilities - Falck Alford
- Basic Firefighting - Falck Alford
- Personal Survival Techniques - Falck Alford
- Rigging Gear Inspector Trainer - Texas A&M Engineering Extension Services

FIELD EXPERIENCE

- Navigator, Survey Sea Trials. TGS MSGBC, Multibeam, Gulf of Mexico, RV Gyre, 15 November to 26 November 2018.
- Navigator, SGE Program, TGS-NOPEC Geophysical Company ASA, Gulf of Mexico, R/V Brooks McCall, 20 September – 28 November 2017
- Navigator, Environmental Baseline Survey, Créocéan, Total E&P Mexico, Gulf of Mexico, R/V Proteus, 06 August – 31 August 2017
- Navigator, Environmental Baseline Survey, Amec Foster Wheeler (AFW), BHP Billiton Petróleo Operaciones De México, Gulf of Mexico, Laguna Azul, 07 July – 11 July 2017
- Navigator, SGE Program, TGS-NOPEC Geophysical Company ASA, Gulf of Mexico, R/V Brooks McCall, 22 February – 24 February 2017
- Navigator, SGE, Heat Flow and JPC Field Data Acquisition, TGS-NOPEC Geophysical Company (TGS), Gulf of Mexico, R/V Proteus, 13 July – 05 January 2017
- Navigator, SGE, Heat Flow and JPC Field Data Acquisition, TGS-NOPEC Geophysical Company (TGS), Gulf of Mexico, R/V Proteus, 09 March – 19 April 2016
- Navigator, Dock Survey, DOF Subsea USA Inc., Gulf of Mexico, R/V Proteus, 24 February – 26 February 2016
- Navigator, SGE, Heat Flow and JPC Field Data Acquisition, TGS-NOPEC Geophysical Company (TGS), Gulf of Mexico, R/V Proteus, 10 December – 23 February 2016
- Field Technician, SGE Heat Flow Survey, Fugro-Repsol, Caribbean Sea, Fugro Americas, 21 May – 13 June 2015
- Navigator/Field Technician/HSE Representative, BHP Billiton Petroleum, Geotechnical Survey, Atlantic Ocean, R/V Proteus, 10 March – 21 April 2015
- Navigator, SGE PC and Heat Flow Survey/Geotechnical Survey, Anadarko Petroleum Corporation, Caribbean Sea, R/V Proteus, 11 December – 15 February 2015 (Col2)
- Navigator/Field Technician/HSE Representative, BHP Billiton Petroleum, Geotechnical Survey, Atlantic Ocean, R/V Proteus, 04 October – 25 October 2014
- Navigator/Field Technician/HSE Representative, BHP Billiton Petroleum, Geotechnical Survey, Atlantic Ocean, R/V Proteus, 25 October – 18 November 2014
- Navigator, SGE PC and Heat Flow Survey/Geotechnical Survey, Anadarko Petroleum Corporation, Caribbean Sea, R/V Proteus, 27 June – 07 August 2014 (Col1)
- Navigator/Deckman, P-Cable Deployment and Retrieval, University of Texas, Gulf of Mexico, R/V Brooks McCall, 01 April – 12 April 2014 (Phase 2)
- Navigator, Geotechnical Survey, Shell Offshore Inc., Gulf of Mexico, R/V Brooks McCall, 26 November – 07 December 2013 (Leg 2)
- Navigator/Deckman, P-Cable Deployment and Retrieval, University of Texas, Gulf of Mexico, R/V Brooks McCall, 14 October – 31 October 2013 (Phase 1)
- Navigator, Geotechnical Survey, Shell Offshore Inc., Gulf of Mexico, R/V Brooks McCall, 20 August - 12 October 2013 (Leg 1)
- Navigator, Geotechnical Survey, Cobalt International Energy & Berger Geosciences, LLC., Gulf of Mexico, R/V Brooks McCall, 18 July - 22 July 2013
- Navigator, SGE Piston Core and Heat Flow Survey, ConocoPhillips, Gulf of Mexico, R/V Brooks McCall, 02 June – 12 June 2013
- Navigator, Geotechnical Survey, LLOG Exploration Company, Gulf of Mexico, R/V Brooks McCall, 10 February – 07 March 2013

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- Navigator, Geotechnical Survey, Anadarko Petroleum Corporation, Gulf of Mexico, R/V Brooks McCall, 23 January – 07 February 2013
- Navigator, Geotechnical Survey, Hess Corporation, Gulf of Mexico, R/V Brooks McCall, 12 December – 22 January 2013
- Navigator, Geotechnical Survey, Anadarko Petroleum Corporation, Gulf of Mexico, R/V Brooks McCall, 27 November – 11 December 2012
- Navigator/HSE Representative/Deckman, ROV & Water Sampling, Woods Hole Oceanographic Institution & Texas A&M University, Gulf of Mexico, R/V Brooks McCall, 24 July – 10 August 2012
- Navigator/HSE Representative/Deckman, ROV & Box Core, Bureau of Ocean Energy Management (BOEM), Gulf of Mexico, R/V Brooks McCall, 11 July – 23 July 2012
- Navigator, Geotechnical Survey, Exxon Mobil Development Company, Gulf of Mexico, R/V Brooks McCall, 25 June – 10 July 2012
- Navigator, Geotechnical Survey, Shell Global Solutions US Inc., Gulf of Mexico, R/V Brooks McCall, 04 April – 29 May 2012
- Navigator, Geotechnical Survey, Exxon Mobil Development Company, Gulf of Mexico, R/V Brooks McCall, 21 March – 31 March 2012
- Navigator, Geotechnical Survey, ConocoPhillips, Gulf of Mexico, R/V GeoExplorer, 15 February – 08 March 2012
- Navigator, Geotechnical Survey, Williams Production, Gulf of Mexico, R/V GeoExplorer, 04 January – 19 January 2012 (Phase 2)
- Navigator, Geotechnical Survey, Murphy Oil Corporation, Gulf of Mexico, R/V GeoExplorer, 29 November – 04 December 2011
- Navigator, Geotechnical Survey, Enterprise Field Services, LLC., Gulf of Mexico, R/V GeoExplorer, 18 November – 27 November 2011
- Deckman, Geotechnical Survey, Williams Production, Gulf of Mexico, R/V GeoExplorer, 24 October – 18 November 2011 (Phase 1)
- Deckman, Geotechnical Survey, Shell Exploration and Production Inc., Gulf of Mexico, R/V Brooks McCall, 04 September – 24 September 2011
- Deckman, Geotechnical Survey, Chevron Pipe Line Company, Gulf of Mexico, R/V Brooks McCall, 25 July – 02 August 2011
- Deckman, Geotechnical Survey, ExxonMobil Exploration Inc., Gulf of Mexico, R/V Brooks McCall, 25 June – 15 July 2011
- Deckman, Geotechnical Piston Core and Box Core Sampling, BP America Production Company, Gulf of Mexico, R/V Brooks McCall, 27 May – 14 June 2011
- Deckman/Navigator, SGE Piston Core and Heat Flow Survey, Bureau of Ocean Energy Management, Regulation and Enforcement (BOEMRE), Gulf of Mexico, R/V GeoExplorer, 01 January – 20 March 2011
- Lab Technician/OS, Multi-core Microfauna and Macrofauna Sampling, BP Oil Spill, Gulf of Mexico, R/V Gyre, 01 October – 10 November 2010