

# David Domec

## Geophysical Data Processor/Data Manager

[daviddomec@tdi-bi.com](mailto:daviddomec@tdi-bi.com), (979) 693-3446



**TDI-Brooks International, Inc.**

14391 S. Dowling Rd, College Station, TX 77845

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

[www.tdi-bi.com](http://www.tdi-bi.com)

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### PROFESSIONAL EXPERIENCE

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- Geophysical Data Processor, TDI-Brooks International, Inc., 2021 - Present
- Geophysical Data Processor, Fugro Marine GeoServices, Inc, 2008 - 2021
- Geophysical Survey Technician, Fugro GeoServices, Inc, 2006 - 2008

### PROFESSIONAL EXPERIENCE

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- Over 17 years of experience in the acquisition, processing and visualization of high-resolution geophysical data and equipment (sonar, magnetometer, and multibeam bathymetric systems).
- Strong data management, high level processing troubleshooting, QA\QC, and processing of Marine Geophysical survey data. Proficient in Caris HIPS & SIPS, QPS Qimera, QPS FMGT, SonarWiz, Global Mapper, and various other ancillary data processing and management tools.

### KEY ACHIEVEMENTS – TDI-BROOKS INTERNATIONAL, INC.

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- Geophysical Data Processor
- Survey Party Chief
- QC\QA Geologist
- Geophysical Data Manager
- Assistant Project Manager

### KEY ACHIEVEMENTS – FUGRO MARINE GEOSERVICES, INC.

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- Organize and archive acquired data according to established standards.
- Coordinate and assist processing efforts and data management between field and office staff.
- Communicate with, Supervisor, processing team, and project management details regarding the quality and quantity of processed geophysical data.
- Remain educated in software to support the flow of data from acquisition to deliverable.
- Liaise with the project manager to understand the project-specific deliverables, processing requirements, and delivery timeframes.
- Support the processing of all acquired data and the delivery to the interpreter in a format suitable for his/her use.
- Troubleshooting problematic data and support the communications of these problems to additional support mechanisms.
- Proficient in all necessary hardware/software required to deliver data to client.
- Support software and tools in office and aboard vessels to facilitate data archiving.
- Perform other duties or complete special projects as assigned.
- Provide training and support to new hires.
- Ensure quality standards for all processes.

### KEY ACHIEVEMENTS – FUGRO GEOSERVICES, INC.

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- Oversee installation, acquisition and processing of high-resolution geophysical equipment (high resolution seismic, sonar, magnetometer, multibeam bathymetric systems).
- Geotechnical sediment acquisition using piston, gravity, vibration, and box corers.
- AUV/ROV high resolution image mosaic processing.
- Geophysical project data QA\QC management.

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### FORMAL EDUCATION

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- University of Louisiana at Lafayette, Geology Major, 2003-2005
- University of Mississippi, Geology Major, 1996-2001
- Carencro High School, High School Diploma, 1996

### FIELD EXPERIENCE

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- Party Chief, Attentive Geophysical Program, Atlantic Ocean, 30 August 2023 to 20 September 2023
- Geophysical Data QA\QC Manager and Assistant Project Manager, Attentive Geophysical Program, Atlantic Ocean, 3 April 2023 to present
- Multibeam Data Analyst and Processor, Woodside Calypso Program, Atlantic Ocean, 31 October 2022 to 24 March 2023
- Geophysical Data QA\QC Manager, Data Acquisition and Processor, Attentive Geophysical Program, Atlantic Ocean, 23 September to October 26 2022
- Multibeam Data Acquisition and Processor, Woodside Calypso Program, Atlantic Ocean, 24 Aug to 15 Sep 2022
- Geophysical Data Processor, COX Geophysical Program, Gulf of Mexico, 27 June to 30 June 2022
- ROV Technician, Vineyard Northeast Geotechnical and Benthic Program, Atlantic Ocean, 9 June to 20 June 2022
- Party Chief/Geophysical Acquisition and Processor, Apache Program, Gulf of Mexico, 1 April to 20 April 2022
- Geophysical Data Processor, Data QA\QC Manager, US Wind Program, Atlantic Ocean, 29 Nov 2021 to 1 Apr 2022
- Multibeam Data Acquisition and Processor, US Wind Geophysical Program, Atlantic Ocean, 4 Oct to 13 Nov 2021
- Coastal Massachusetts Offshore Wind, Mayflower Wind, Project Data Processor, responsible for coordinating the data management, QA\QC, processing, and data deliverables for multibeam data collected during a multi-vessel offshore high-resolution geophysical survey, 2020 – 2021
- Coastal Connecticut/Rhode Island Offshore Wind, Orsted, Project Data Processor, responsible for coordinating the data management, QA\QC, and processing, and data deliverables for multibeam data collected during a multi-vessel offshore high-resolution geophysical survey, 2019 – 2020
- Site Characterization Survey, Eastern Pacific Ocean, DeepGreen Metals Inc., Project Data Processor, responsible for the data management, QA\QC, and processing for high-resolution imagery and geophysical data collected with Echo Surveyor VII AUV in water depths of up to 4,500 meters over a 400-square-kilometre area, 2019
- Brazilian Hydrocarbon Seep Survey, Southern Atlantic Ocean, Campos and Santos Basins, TGS Inc., Field Multibeam and Backscatter Processor, responsible for data acquisition, QA\QC, and processing for multibeam data collected during offshore hydrocarbon seep survey, 2018
- TGS Gigante and OTOS, Gulf of Mexico surveys, Project Data Processor, responsible for coordinating the data management, QA\QC, and processing, and data deliverables for multibeam data collected with Kongsberg EM302 and EM122 systems, 2015 – 2017
- North Slope, Alaska, Liberty Island project. Field Multibeam and Backscatter Processor, responsible for data acquisition, QA\QC, and processing for multibeam and backscatter data, 2014
- Participated in office processing for multiple navigational, cable and pipeline route surveys, dredging surveys, artificial reef surveys, and site characterization surveys, marine geohazard surveys, lease block surveys, and well and platform clearances, in the Gulf of Mexico, Bay of Campeche, Cook Inlet, Chukchi Sea, Beaufort Sea, and Caribbean Sea, 2008 – 2014.
- Participated in multiple campaigns in Gulf of Mexico, and Bay of Campeche in the role of survey technician and data processor. Provided quality control of geophysical data collection and participate in installation and operation various types of geophysical sensors, 2006 – 2008