



James Kevin Swart

Geoscientist – Applied Geophysicists

PROFESSIONAL HIGHLIGHTS

- 30+ years' experience in marine survey projects
- 13 cruises over the past 5 years as a Party Chief and Navigator for Geotechnical and Environmental Baseline Survey operations

EDUCATION

Applied Science in Marine Technologies
Marine Geophysics, Oceanography and Water Chemistry
1984 – 1986

Cape Fear Technical Institute, Wilmington North Carolina, University of North Carolina

PROFESSIONAL EXPERIENCE

TDI-Brooks International, Inc., College Station, Texas 2017 – Present
Geoscientist – Applied Geophysics

- Manages Marine Geophysical, Coring and Oceanographic Surveys from the beginning of the Bid process in the office, to the projects' completion as Party Manager in the Field.
- Is responsible for the management of all Geophysical Survey Equipment – Upgrades and Maintenance.
- Is a part of the TDI-Brooks International Engineering Team, development of new tools and Application of those tools.
- Is responsible for helping with survey design and survey QC/QA.

TerraSond Palmer, Alaska 2016 – 2017
Geoscientist – Applied Geophysics

- Managed Marine Geophysical, Coring and Oceanographic Surveys from the beginning of the Bid process in the Office, to the projects completion as Party Manager in the Field
- Was Responsible for Geophysical Survey Design, Geophysical Survey Application Methods to be used.

Marine Geophysical Survey Consultant 2000 - 2016

- Managed Marine Geophysical, Coring and Oceanographic Surveys from the beginning of the Bid process in the Office, to the projects completion as Party Manager in the Field.
- Technical QC/QA Client Representative on AUV, High Resolution Geophysical, Exploration Seismic and Geo Technical Coring Surveys.



- Advised Defense Contractors on Sub-Sea Defense Systems.

Fugro GeoServices, Inc. Lafayette, Louisiana 1996 – 2000
Senior Offshore Party Manager over 2D and 3D High Resolution Surveys and 2D Deep Water Seismic Exploration.

- Supervised the operation and repair of multiple Geophysical and Marine Survey Systems.
- Advisor to management on for five multi- geophysical survey system vessels that worked year round on multi-client projects. Installed, Upgraded and Trouble Shot new equipment technologies for all of these vessels.
- QC/QA of marine geophysical data and operations.
- Trained Geophysical Operators and Party Managers.

John E. Chance & Associates, Inc., Lafayette, Louisiana 1988 – 1996

- Geophysical and Survey Equipment Operating, Vessel Mobilization, Trouble Shooting, Repair of Geophysical and Marine Survey Systems including but not limited to: Seismic systems, Multi-beam systems, Magnetometers, Gradiometers, Side Scan Sonars, Pinger, Chirp, Water guns, Air guns, Boomers, Sparkers, Streamer Cables and Air compressors.

LaQue Center for Corrosion Technology, Inc., Wrightsville Beach, North Carolina. (International Nickel Corporation). 1985 - 1988

- Field technician, assisted in the construction and maintenance of research test designed to come up with latest technologies, in coatings, materials, and innovative designs for strategic metals. Clients included: The US Navy, The US Army, NASSA, Ford Motor Corporation, General Motors Corporation, Carrier Air Conditioner, Trane Air Conditioner, State Water Heaters and AT&T.
- Research Test Operator, responsible for operating research test controls and taking readings and reporting them to senior research scientist.
- Prestigious Honor – Work Study Program under Senior Scientist at the LaQue Center for Corrosion Technology.

FIELD EXPERIENCE

Deckman, Environmental Baseline Study, BP Exploration (Mexico) Limited (BP), Gulf of Mexico, Maris, 15 September – 07 October 2018

Seismic Technician, 2DHR, Oceaneering, Marinsa, Pemex, Gulf of Mexico, Laguna Azul, 22 July – 26 August 2018

Deckman, Environmental Baseline Study, Petronas, Gulf of Mexico, Maris, 04 April – 10 April 2018

Party Chief, Environmental Baseline Survey, TOTAL E & P Guyane Française, Atlantic Ocean, R/V Proteus, 08 November – 22 November 2017

Party Chief, SGE, Heat Flow and JPC Field Data Acquisition, TGS-NOPEC Geophysical Company, Gulf of Mexico, R/V Proteus, 20 January – 28 January 2016



Party Chief, Bathymetric, Geochemical, EBS and Heat Flow Survey, Tullow Oil, Caribbean Sea, R/V GeoExplorer, 02 May – 05 June 2015

Party Chief, Geotechnical Survey, Anadarko Petroleum Corporation, Gulf of Mexico, R/V Brooks McCall, 14 February – 20 February 2015

Party Chief, MBES & SGE/HF Survey, BG Group, Caribbean Sea, R/V GeoExplorer, 14 November – 18 November 2014

Party Chief, Geotechnical Survey, Anadarko Petroleum Corporation, Gulf of Mexico, R/V Brooks McCall, 26 September – 13 October 2014

Navigator, Geotechnical Survey, Anadarko Petroleum Corporation, Caribbean Sea, R/V Proteus, 19 June – 06 July 2014

Party Chief, Site Survey, Chevron Nigeria Limited, Gulf of Guinea, R/V Gyre, 06 July 2013 – 23 August 2013

Senior Technician, Geotechnical Survey, Brone Positioning & Surveying Ltd., Gulf of Guinea, R/V Gyre, 21 April – 11 May 2013

Senior Technician, Geotechnical Survey, Afren Exploration and Production Nigeria Beta Ltd., Atlantic Ocean, R/V Gyre, 22 February – 13 April 2013

PROFESSIONAL TRAINING & CERTIFICATIONS

HUET, FirstAid, CPR, Offshore water survival, Gulf Safe, and LSU Marine Fire Fighting, Cold Water and Wilderness Survival Training (Learn to Return)

PUBLICATIONS

1994: Theory of Operation of Marine Proton Precision Magnetometers.
By James Kevin Swart

1986: Tidal back flushing and mixing of the Cape Fear, Northeast Cape Fear and Black Rivers, by using Natural Fluoresces as a Tracer.
By Caroline Gilman Bryan, Michael Smith and James Kevin Swart, at the University of North Carolina at Wilmington.