

RESUME – Alberto Gaudio

Name: Alberto Gaudio

Current Position: Senior Geophysicist at UTEC Survey Inc, Houston, TX

EDUCATION

University of Turin, 2004-2008

PhD in Structural Geology

University of Urbino, 1997-2003

Master of Science, Geology

QUALIFICATIONS

Professional Examination (Geologist), 2003

Professional Courses (Geology, Stratigraphy and Geophysical Survey)

ACCREDITATIONS

AAPG – American Association of Petroleum Geologists (Associate Member)

SEG – Society of Exploration Geophysicists (Associate Member)

Italian Geological Professional Association

Italian Geological Society

AFFILIATIONS

TSA - Texas Speleological Association

PUBLICATIONS

Available on Request

MAIN DUTIES

- Geophysical Data Processing and Interpretation
 - Geophysical Software Development (UTECH-MAPS, QC software)
 - Geophysical Survey Planning
 - Technical Documents Writing (Company Standard Procedures, Survey Procedures, Technical Bid Documents)
 - AUV Development
 - Geophysical Processing R&D
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PROJECT EXPERIENCE

Pre-lay Pipeline Survey (Campeche-Mexico)	January – February 2018
Geophysicist	
Mobilization of Sub Bottom Profiler. Data Processing and interpretation (Isopach Charts)	
Software: Edgetech Discover, SonarWiz	
Pipeline Route Geophysical Survey (Darwin, Australia)	September - October 2017
Geophysicist	
On Board Processing and interpretation of sidescan sonar data.	
Software: SonarWiz	
AUV Trench Monitoring and Survey (Zohr Field – Egypt)	June – July 2017
Geophysicist	
On board/office. AUV (GeoSwath) SSS and SBP data QC, processing and interpretation, led Charting & Reporting.	
Software: MAPS, GlobalMapper, AutoCAD.	
AUV Trench Monitoring and Survey (Zohr Field – Egypt)	June – July 2017
Geophysicist	
On board/office. AUV (GeoSwath) SSS and SBP data QC, processing and interpretation, led Charting & Reporting.	
Software: MAPS, GlobalMapper, AutoCAD.	
Geological Route Inspection (Gulf of Mexico – Mexico)	May 2017
Geophysicist/Project Manager	
Geophysical Coral Reef detection and inspection	
Geophysical/Geotechnical Survey for ship Wreck recovery	
(Strait of Singapore - Indonesia)	April 2017
Geophysicist	
On Board/Office: Dual head Multibeam ROV mounted data processing.	
Software: QPS QINSy, Cloud Compare, AutoCAD, AutoChart.	
As-Trenched Pipeline Surveys, several sites	
(Gulf of Mexico – Mexico)	December 2016 – March 2017
Geophysicist	
Office: Dual head Multibeam ROV mounted data processing.	
Software: QPS QINSy, VisualEdit Pro, AutoCAD, AutoChart.	
AUV Helicopter Wreck Search (Cabinda – Angola)	November 2016
Geophysicist	
On board/office. AUV (GeoSwath) SSS data QC, processing and interpretation, led Charting & Reporting.	
Software: MAPS, AutoCAD, AUVView.	
AUV Pipeline Inspection / Prelay	
(Sint Eustatius – Caribbean Netherlands)	September-October 2016
Geophysicist	
On board/office. AUV (GeoSwath) SSS and SBP data QC, processing and interpretation, led Charting & Reporting.	
Software: MAPS, GlobalMapper, AutoCAD.	

AUV Pipeline Inspection (Hartlepool - UK) **July-August 2016**
Geophysicist
On board/office. AUV (GeoSwath) SSS and SBPdata QC, processing and interpretation, led Charting & Reporting.
Software: MAPS, AutoCAD, AUVView.

Subsea Laser Scanner Manifold Metrology (Gulf of Mexico – USA) **April 2016**
Geophysicist
Subsea Laser Scanner data processing.
Software: Leica Cyclone

As-Built pipeline Inspection (Gulf of Mexico – Mexico) **February 2016**
Geophysicist
Dual head Multibeam ROV mounted data processing.
Software: Eiva NaviEdit / NaviModel

AUV As-Found Pipeline Survey (Angola – Mafumeira Sul Field) **July – December 2016**
Geophysicist
On board/office. AUV (GeoSwath) data QC, processing and interpretation, led Charting & Reporting.
Software: MAPS, AutoCAD, AUVView.

ROV As-Built Inspections, Several (Gulf of Mexico - USA) **January - March 2105**
Geophysicist
Office. Dual Head profiler data processing, alignment sheet charts drawing.
Software: VisualEdit Pro, AutoCAD, AutoChart.

AUV Pipeline Inspection, OGGs (Nigeria) **October - December 2014**
Geophysicist
Office. AUV (GeoSwath) data processing and interpretation. Alignment Sheet drawing and reporting.
Software: CleanSweep, SonarWiz, AutoCAD, GlobalMapper14.

AUV Pipeline Inspection, Reporting (Australia) **July - August 2014**
Geophysicist
Processed and reported multibeam and sidescan data for Apache (Quadrant). Led Charting & Reporting.

As-Built Survey Processing, Charting & Reporting (Gulf of Mexico) **April - July 2014**
Geophysicist
Processed and reported dual-head multibeam and video data for Dalmatian, Cardamom, Hess, Williams and Princess fields.

Pipeline Export Route Inshore Geophysical Survey (Azerbaijan) September 2013 - November 2013
Geophysicist
AUV data processing and interpretation. Alignment sheet drawing and reporting.
Software: Caris, SonarWiz, AutoCAD, Surfer.

Pipeline Export Route Offshore Geophysical Survey (Azerbaijan) **August 2013 - September 2013**
Geophysicist
On-board MBES data processing and interpretation. Alignment sheet drawing and reporting.
Software: Caris, AutoCAD, Surfer.

Pipeline Installation Pre-Lay Survey (Adriatic Sea)**July 2013 - August 2013**

Geophysicist

On-board MBES, SSS, and SBP data processing and interpretation. Alignment sheet drawing and reporting.
Software: Caris, AutoCAD, Surfer.

AUV and Multichannel Seismic Survey (Filomena Prima)**April 2013 – June 2013**

Geophysicist

Survey on several sites (well site, bottom survey, sealine survey): AUV data acquisition and on-board processing, and charting. Seafloor samples coring. Multi-channel seismic 2D data processing and interpretation.
Software: Caris, SonarWiz, ProMAX, AutoCAD, Surfer.

Pipeline Construction (North Sea Leman Field)**October 2012 – January 2013**

Geophysicist

On-board ROV data acquisition and processing: ROV video, dual head multibeam, TSS pipetracker. Processing and charting of pre-lay, as-laid, as-trenched, and as-built.
Software: VisualSoft, AutoChart, QPS QINSy.

Pipeline Construction (North Sea)**August 2012 – September 2012**

Geophysicist

On-board ROV data acquisition and processing: ROV video, dual head multibeam, TSS pipetracker. Processing and charting of pre-lay, as-laid, as-trenched, and as-built.
Software: VisualSoft, AutoChart, QPS QINSy.

Well Site Survey (Angola)**July 2012**

Geophysicist

On-board data processing of MBES, SSS, SBP, mono-channel and multi-channel seismic survey; data interpretation, charting and reporting.
Software used: QPS QINSy – Qloud, SonarWiz, ProMAX.

Shallow Hazard Evaluation**May 2012**

Geophysicist

3d seismic data interpretation with GeoGraphix Interpretation System, map production (horizons time – depth) and reporting.

Bottom Survey**April 2012**

Geophysicist

On-board processing, interpretation, charting, and reporting of MBES, SSS, SBP data.

Cable Laying (Balearic Sea)**December 2011 – January 2012**

Geophysicist

Fiber optic cable laying, and mattress installation. Online during ROV operation (Video, dual head profiler, TSS pipetracker) and processing with VisualSoft Suite. Onboard data processing of MBES (R2Sonic) using QINSy and Qloud. Chart production with AutoCAD and reporting (whole operation, from 'pre lay' to 'as built' phase).

Mob Operations (Genova Harbor)**November 2011**

Geophysicist

Vessel mob operations: instrument installation, check, and calibration (online with QINSy) of DGPS, MBES, MRU/GYRO, and USBL.

Pipeline Construction (Balearic Sea)**September 2011 – October 2011**

Geophysicist

Pipeline laying. On board processing of MBES (R2Sonic) using Caris HIPS SIPS. Online data acquisition, eventing (field joint, anodes, free span) and processing using VisualSoft Suite during ROV operations (video, dual head profiler). Charting and report production (whole operation, from pre-lay to as-backfilled phase).

Cable Survey (Adriatic Sea)**August 2011**

Geophysicist

Italy - Greece cable inspection survey. On-board acquisition of ROV video, TSS data, and eventing using VisualSoft Suite. Processing of data, chart production, and reporting.

Pipe Inspection and Bottom Survey (Black Sea)**May 2011**

Geophysicist

Pipe inspection and bottom survey. On-board processing, interpretation, mapping and reporting of geophysical data from SSS and SBP with SonarWiz, MBES (Caris HIPS SIPS) and ROV video eventing , DH and TSS pipetracker with VisualSoft suite.

EMPLOYMENT HISTORY

UTEC Survey, Inc.

Senior Geophysicist

2014 – Present

G.A.S s.r.l.

Data Processor

2011 – 2014

3BA s.r.l.

Project Manager

2009 – 2011

University of Urbino

Academic Researcher

2007 – 2009

SKILLS

Software: UTEC-MAPS (AUV Processing Software), VisualSoft Suite, QPS QINSy – Qloud, Caris HIPS SIPS, Eiva NaviEdit / NaviModel, Cyclone, AutoCAD, AutoChart, GlobalMapper, Surfer, SeisVision, and SonarWiz. VisualStudio .net software development.

Geophysical Data Processing and Interpretation: Multi-Beam, Sub-Bottom Profiler, Side Scan Sonar, Dual Head Profiler, LIDAR, Pipetracker, 2D Single and Multichannel Seismic, 3D Seismic Data Interpretation, Desktop Studies/Drilling Hazard Evaluation, and Charting and Reporting.
