DSQ
LAND SURVEYORS

OUR BACKGROUND

DSQ Pty Ltd was formed in September 2016 from the restructure of the Definium Group of Companies.

The DSQ team has vast experience in many facets of the Surveying profession including cadastral, engineering, planning, GIS, hydrographic surveying and data management systems.

The majority of our work is in Queensland, however our team has experience working in many other areas including other states and territories of Australia, Torres Straits, New Guinea, New Zealand, UK and Oman.

DON'T WORRY, WE'RE COVERED

Professional Indemnity Insurance
$20,000,000.00
Association of Consulting Surveyors Insurance Society Pty Ltd (ASCIS)

Public Liability Insurance
$50,000,000.00
CGU Insurance Limited

WorkerCover WorkCover Queensland

Note: Both the PI Insurance & PL Insurance can be increased to accommodate client specific requirements.

WE WILL LOOK AFTER YOU

Your project will be managed under the scrutiny of one of our Senior Management team. DSQ employs qualified Surveyors who are registered with the Surveyors Board of Queensland.

We have the ability to upsize quickly when projects require the flexibility and additional manpower.

Our experienced team includes Cadastral Surveyors, Graduate Surveyors and Surveying Associates, Survey Assistants, GIS, Operators, Drafters, Finance and Administration personnel.

INTEGRATED MANAGEMENT SYSTEMS

DSQ Pty Ltd works to an Integrated Management System (IMS) conforming to Quality, Safety, and Environmental standards that was implemented in 2012. Our IMS is third party accredited under JAS-ANZ by Global Certification Pty Ltd.

Safety Our Safety Management System conforms to AS/NZS ISO 4801:2001 standards.

Quality Our Quality Management System conforms to AS/NZS ISO 9001:2008 standards. We hold Plan Examination & Endorsement accreditation with Queensland Department of Natural Resources & Mines (DNRM).

Environmental As part of our commitment to environmental protection we have implemented an Environmental Management System conforming to AS/NZS ISO 14001:2004 standards.

LAND SURVEYING: WHAT WE DO BEST

- Land Boundary and Titling
- GIS
- Hydrographic Surveys
- Land Development
- Mapping
- Roads Rail and Infrastructure Inc. Pipelines
- Unmanned Aerial Vehicles

PROFESSIONAL MEMBERSHIPS

As a proudly professional surveying business, DSQ Pty Ltd is a member of the following:

- The Surveying and Spatial Sciences Institute (SSSI)
- Australian Pipeline and Gas Association (APGA)
- The Australasian Hydrographic Society
- The Urban Design Institute of Australia (UDIA)
- The Queensland Master Builders Association
- Caloundra Chamber of Commerce
- Chinchilla Chamber of Commerce

DSQ Pty Ltd · 26 Premier Circuit Warana QLD 4575 · PO Box 1073 Buddina QLD 4575 · **T** 07 5437 8555
4 Inverai Road Chinchilla QLD 4413 · **T** 07 4662 7573
ACN: 615 043 251 · ABN: 91 615 043 251
Sunshine Coast · Western Downs mail@dsqsurvey.com · www.dsqsurvey.com

GLOBAL CERTIFICATION PTY LTD
AS/NZS ISO 9001:2008, AS/NZS 4801:2001 & AS/NZS ISO 14001:2004
CERTIFIED COMPANY
Quality Safety Environment JAS-ANZ
Registration Number 202

DSQ
LAND SURVEYORS

WE'RE EXPERTS IN PIPELINE PROJECTS

- DSQ Pty Ltd has quality expertise in all facets of Pipeline Projects due to their sound knowledge and extensive experience in the sector.

- Land tenure advice
- Project control networks and densification
- Construction setout
- Special crossing surveys
- As-constructed surveys
- Predesign detail surveys
- Mapping
- Aerial Photography & Videography
- Machine guidance systems
- Environmental surveys
- Cultural heritage walk through surveys
- Auto Cad Civil 3D 2016 software
- 12D Model software
- GIS (MapInfo and Esri ArcGIS)

- Resumption and land acquisition surveys
- Pipeline easement surveys
- GIS corridor mapping
- Underground utility services surveys
- Conformance and deformation reporting

Achilles Oil & Gas FPS Asia Pacific AUDITED

GLOBAL CERTIFICATION PTY LTD
AS/NZS ISO 9001:2008, AS/NZS 4801:2001 & AS/NZS ISO 14001:2004
CERTIFIED COMPANY
Quality Safety Environment JAS-ANZ
Registration Number: 202

Recent Major Projects

Pipelines

2016

QCLNG Charlie Trunkline

Client: QGC (subcontract to Murphy Pipe and Civil)
Location: Wandoan
Project: QCLNG Charlie Trunk Pipeline, HV Power and Fibre Optic Cable
Tasks: Construction Setout, As-constructed Surveys, GIS, Data Management .

Jemena NGP Pipeline

Client: Jemena (subcontract to Calder Harris Surveyors)
Location: Tennant Creek to Mt Isa
Project: Northern Gas Pipeline
Tasks: Cadastral surveying for identification surveys and easement surveys in both Northern Territory and Queensland.

APA Group RCWP

Client: APA Group
Location: Wallumbilla
Project: Reedy Creek to Wallumbilla Pipeline
Tasks: Route location, control survey, feature survey, special crossings survey, cadastral easement surveys.

APA Group WRC

Client: APA Group
Location: Chinchilla
Project: Wallumbilla Gladstone Pipeline and Roma Brisbane Pipeline Connection project
Tasks: Cadastral survey for easement over proposed facility site, feature survey for civil design.

QGC Wellpad Designs

Client: QGC
Location: Surat Basin
Project: Wellpad designs
Tasks: Design of wellpad layout including balancing cut/fill earthworks quantities.

Origin Talinga Pond

Client: Origin Energy
Location: Chinchilla
Project: Talinga Pond Relining Project
Tasks: UAV surveys of the pond for conformance and volume calculations, recording aerial video footage of construction progress for the project team.

Recent Major Projects

Pipelines

2015

QCLNG Lauren Trunkline

Client: QGC (subcontract to Murphy Pipe and Civil)
Location: Chinchilla
Project: QCLNG Lauren Trunk Pipeline, HV Power and Fibre Optic Cable
Tasks: Construction Setout, As-constructed Surveys, GIS, Data Management .

Santos Roma West Phase 2a Gathering Project

Client: Santos (subcontract to WDS)
Location: Roma
Project: Roma West Phase 2a Gathering Project
Tasks: Surveying for the construction of gathering pipelines including setout, environmental survey, service location, HDD, as-built data.

APA Group Ballera Compressor Station

Client: APA Group
Location: Ballera
Project: Ballera Compressor Station
Tasks: Surveying for the cadastral leases and location for the proposed APA compressor station.

2014

QCLNG GIS Data for As-built Pipelines

Client: QGC
Location: Chinchilla
Project: QCLNG GIS Data for As-built Pipelines
Tasks: Create GIS data compliant with QGC GIS data format, using as-built data for five major pipelines supplied by various civil contractors.

BOC mLNG Gas Project

Client: Murphy Pipe and Civil
Location: Miles
Project: BOC mLNG 100 dia steel gasline construction
Tasks: Construction Setout, As-constructed Surveys , GIS, As-constructed alignment sheets, Data Management

Dewhurst & Leewood Gathering Project

Client: Santos (subcontract to Lean Field Developments)
Location: Narrabri
Project: Dewhurst & Leewood Gathering Project
Tasks: Surveying for the construction of gathering pipelines including setout, environmental survey, service location, HDD, as-built data.

Recent Major Projects

Pipelines

2012-2014

QCLNG Export Pipeline Easements

Client: QGC (subcontract to Amec)
Location: Chinchilla to Gladstone
Project: Pipeline Easements
Tasks: Cadastral surveying for the registration of easements over QGC's Export Pipeline.

Talinga to Monreagh Pipelines

Client: APLNG (subcontract to WDS)
Location: Chinchilla
Project: Monreagh Pipelines
Tasks: Surveying for the construction of the Fairymeadow Road to Condabri pipelines including setout, service location, as-built data.

QCLNG Trunkline Works Surat Basin

Client: QGC (subcontract to Murphy Pipe and Civil)
Location: Surat Basin QLD
Project: Constructing Trunklines and FOC for QGC from 2013
Tasks: Construction Setout, As-constructed Surveys, GIS, Data Management – began in 2013.

QCLNG Gathering Works Surat Basin

Client: QGC (subcontract to Murphy Pipe and Civil)
Location: Surat Basin QLD
Project: Constructing Gas Gathering Systems for QGC
Tasks: Construction Setout, As-constructed, GIS, Data Management – began in 2012.

2011

Surat-Gladstone Pipeline

Client: Arrow
Location: Gladstone
Project: Pipeline Easements for Surat-Gladstone Pipeline
Tasks: Cadastral surveying for the registration of easements over part of Arrow Energy's Surat-Gladstone Pipeline export pipeline corridor.

2008 to 2011

QGC Surat & Bowen Basin Upstream CSG Development

Client: QGC (subcontract to Unidel)
Location: Surat & Bowen Basins
Project: Upstream Infrastructure for QCLNG Project
Tasks: Survey of infrastructure for CSG wells, gathering pipelines, access tracks, trunklines, lateral pipelines, field compressor stations, central process plants and ponds.

DSQ
LAND SURVEYORS

WE'RE EXPERTS IN LAND DEVELOPMENT

DSQ Pty Ltd has quality expertise in Land Development due to their sound knowledge and extensive experience in this sector.

- Site evaluation, feasibility & land acquisitions
- Planning investigation
- Constraints assessment & mapping
- Conceptual designs
- IDAS applications
- Management of consultants
- Setout surveys for construction
- Presales plans & documents
- Subdivision surveys
- Building format surveys
- As-constructed surveys using ADAC
- Compliance negotiations with Councils & statutory bodies
- Titles, easements and leases
- Accreditation with Department of Natural Resources & Mines
- Prepare & implement Traffic Management Plans
- Supervision of traffic control resources
- Road and rail access and safety protocols
- Project control networks and densification
- Conformance and deformation reporting
- Pre-design detail surveys
- Sub grade, sub base and top course reporting

- Machine guidance systems
- Road alignment setout surveys
- Mobile laser scanning surveys
- Resumption and land acquisition surveys
- GIS corridor mapping
- Hydraulic and flood mapping surveys
- Underground utility services surveys
- Pavement deformation surveys
- Quality and finalization reporting

GLOBAL CERTIFICATION PTY LTD
AS/NZS ISO 9001:2008, AS/NZS 4801:2001 & AS/NZS ISO 14001:2004
CERTIFIED COMPANY

Quality Safety Environment JAS-ANZ

Registration Number: 202

Recent Major Projects

Land Development

2016

Park Lakes II Estate

Client: Fairwand P/L, Flipp Property P/L
Location: Bli Bli, Sunshine Coast
Project: 433 Residential Lots, 233 Relocatable Home Park, Catholic School
Tasks: Project surveyor to coordinate site including disclosure plans, staged survey plans, as constructed survey.

2016

Flame Tree Pocket 84 Lot Subdivision

Client: Reed Property Group
Location: Sippy Downs, Sunshine Coast
Project: Calvary Rd, Stage 192, 84 Lot Subdivision
Tasks: Surveyor responsible for Lot design and layouts, presale plans & documents, boundary surveys, subdivision surveys & titling advice.

2015

Marine Apartments

Client: Arana Property Group
Location: Kawana Island, Sunshine Coast
Project: 74 Residential Apartments
Tasks: Surveyor responsible for presales plans and documents, boundary surveys, building format, exclusive use, occupational authority; plans and tilting advice.

2014

Saltwater on the Peninsula – Stage 3

Client: RGD
Location: Sunshine Coast
Project: High-rise apartment development: 3rd stage
Tasks: Surveyor responsible for presale plans & documents, boundary surveys, construction setout, building format plans and titling advice.

2013

Emporio Residential Apartments

Client: Reed Property Group
Location: Sunshine Coast
Project: Residential Development
Tasks: Surveyor responsible for presale plans & documents, boundary surveys, construction setout, building format plans and titling advice.

2013

Island Waters, Broadwater & Saltwater on the Peninsula

Client: RGD
Location: Sunshine Coast
Project: High-rise apartment developments
Tasks: Surveyor responsible for presale plans & documents, boundary surveys, construction setout, building format plans and titling advice.

DSQ
LAND SURVEYORS

WE'RE EXPERTS IN ROADS, RAIL & INFRASTRUCTURE PROJECTS

DSQ Pty Ltd has quality expertise in Rail, Road and Infrastructure Projects due to their sound knowledge and extensive experience in this sector.

- Land tenure advice
- Project control networks and densification
- Conformance and deformation reporting
- Predesign detail surveys
- Mapping
- Aerial Photography & Videography
- Road/Rail Corridor surveys
- Subgrade, sub base and top course reporting
- Machine guidance systems
- Road alignment setout surveys
- Bridge and construction setout surveys
- Cultural heritage walk through surveys
- Auto Cad civil 3D 2016
- 12D
- Resumption and land acquisition surveys
- GIS corridor mapping
- Hydraulic and flood mapping surveys
- Underground utility services surveys
- Pavement deformation surveys
- AS-Constructed plan preparation & documentation
- Adherence to TMR standard surveying quality control and policy & procedures.

Achilles Oil & Gas FPS Asia Pacific AUDITED

GLOBAL CERTIFICATION PTY LTD
AS/NZS ISO 9001:2008, AS/NZS 4801:2001 & AS/NZS ISO 14001:2004
CERTIFIED COMPANY
Quality Safety Environment JAS-ANZ
Registration Number: 202

Recent Major Projects

Roads, Rail & Infrastructure

2016

Obi Obi Road Upgrade

Client: Department of Transport and Main Roads
Location: Obi Obi Road, Mapleton
Project: Ground and feature model survey for rural road upgrade.

2016

David Low Way Resumptions

Client: Department of Transport and Main Roads
Location: David Low Way, Bli Bli
Project: Cadastral surveys for road resumptions

2015

Caloundra Road Interchange Upgrade

Client: Department of Transport and Main Roads
Location: Bruce Highway / Caloundra Road, Steve Irwin Way
Project: Ground and feature model survey for major road interchange design. Preliminary design set out.

2014

Maleny - Kenilworth Road Upgrade

Client: Department of Transport and Main Roads
Location: Maleny-Kenilworth Road, Cambroon
Project: Ground and feature model survey for upgrade and widening of 4km of roadway.

Anzac Avenue – Narangba Road Intersection Upgrade

Client: GHD
Location: Anzac Avenue, Kallangur
Project: Detailed ground survey of existing road corridor to enable re-design.

Moreton Bay Rail Link

Client: Moody Civil & Pipe
Location: Petrie to Kippa Ring
Project: As-constructed infrastructure surveys for sewer and water lines within rail link project.

Highfields Sewer Upgrade

Client: Toowoomba Regional Council
Location: Highfields, Toowoomba
Project: Detail survey of 15km strip along road reserves to enable sewer design. Reinstatement of cadastral boundaries.

Featured Major Projects

Roads, Rail & Infrastructure

2013

Proposed Translink Busway

Client: GHD
Location: Maroochydore bus station and surrounds
Project: Detailed ground surveys, cadastral boundary reinstatement
and survey plans for proposed busway and infrastructure.

2012

Blackbutt Range Emergency & Restoration Work

Client: Parsons Brinckeroff
Location: D'Aguilar Highway, Blackbutt Range
Project: Detailed ground surveys of areas prone to landslips and subsidence adjacent to D'Aguilar Highway at Blackbutt Range.

2010

Yandina Underground Power Upgrade

Client: Vemtec Pty Ltd
Location: Steggals Road Yandina
Project: Detail surveys of as-constructed underground power lines, including the reinstatement of adjoining property boundaries.

Hastings Street Noise Barrier Analysis

Client: GHD
Location: Bruce highway, Murrumba Downs
Project: Detailed ground survey for acoustic modelling along a section of the Bruce Highway.

2006- 2009

Traveston Dam – Preliminary Design

Client: Queensland Water Infrastructure
Location: Traveston, South East Queensland
Project: Detail surveys over large scale allotments for the design of haul roads and dam design.

DSQ
LAND SURVEYORS

WE'RE EXPERTS IN HYDROGRAPHIC SERVICES

DSQ Pty Ltd is one of a small number of firms with a qualified hydrographic surveyor to undertake hydrographic surveys.
We have more than 30 years experience in:

- Pre & Post dredging clearance surveys
- Channel and entrance surveys
- Beach erosion surveys
- Wharf and channel clearance surveys
- Flood mitigation investigation surveys

We pride ourselves in having up-to-date field and office technology. With this we can guarantee faster, more accurate and more efficient service. Our hydrographic survey equipment is set up for coastal, in-shore and river/canal surveys. We use the Ceeducer ProTM digital echo sounder in combination with Hypack hydrographic survey software and RTK GPS. Multibeam sonar data can be collected and processed should it be required.

Our equipment includes:
Trimble R8 RTK GPS base, rover and repeater
Ceeducer Pro
Hypack software with onboard Toughbook computer
Osprey 500 Cuddy Cab, trailer & Outboard
CAD package software Autocad Civil 3D
Remote controlled boat

Achilles Oil & Gas FPS Asia Pacific AUDITED

GLOBAL CERTIFICATION PTY LTD
AS/NZS ISO 9001:2008, AS/NZS 4801:2001 & AS/NZS ISO 14001:2004
CERTIFIED COMPANY
Quality Safety Environment JAS-ANZ
Registration Number: 202

Recent Major Projects

Hydrographic Services

2016 Twin Waters Canal Survey

Client: Sunshine Coast Regional Council
Location: Twin Waters, Sunshine Coast
Project: Twin Waters Canal Survey
Tasks: Hydrographic survey for monitoring canal sedimentation

2016 Caloundra Interchange Dam Survey

Client: Douglas Partners for Fulton Hogan Seymour White JV
Location: Jowarra Park, Steve Irwin Way, Glenview
Project: Caloundra Interchange Dam Survey
Tasks: Hydrographic survey for fill quantity calculations

2016 Mooloolah Island Canal Survey

Client: Sunshine Coast Regional Council
Location: Mooloolah Island, Minyama
Project: Mooloolah Island Canal Survey
Tasks: Hydrographic survey for monitoring canals and revetment walls

2016 Minyama Island Canal Survey

Client: Sunshine Coast Regional Council
Location: Minyama Island, Minyama
Project: Minyama Island Canal Survey
Tasks: Hydrographic survey for monitoring canals and revetment walls

2015 Maroochydore Beach Monitoring Survey

Client: Sunshine Coast Regional Council
Location: Maroochydore
Project: Maroochydore Beach Monitoring Survey
Tasks: Regular monitoring surveys of beach.

2015 Pumicestone Passage Detail Survey

Client: Sunshine Coast Regional Council
Location: Pumicestone Passage, Caloundra
Project: Pumicestone Passage Detail Survey
Tasks: Hydrographic survey for design of groynes and stormwater outlets.

2015 Kings Beach Groyne Survey

Client: Sunshine Coast Regional Council
Location: Kings Beach, Caloundra
Project: Kings Beach Groyne Survey
Tasks: Hydrographic survey for design to extend the existing groyne.

2015 Maroochy River Dredge Surveys

Client: Sunshine Coast Regional Council
Location: Maroochy River, Sunshine Coast
Project: Maroochy River dredge surveys
Tasks: Hydrographic survey for dredge volumes.

Recent Major Projects

Hydrographic Services

2014

Sunshine Coast Canal Systems

Client: Sunshine Coast Regional Council
Location: Mooloolaba, Maroochy Rivers & Minyama Waters
Project: Sunshine Coast canal systems
Tasks: Hydrographic survey.

2014

Gympie Biopassage Weir

Client: SMEC Australia
Location: Mary River, Gympie
Project: Gympie Biopassage Wier
Tasks: Hydrographic survey.

2012

Moreton Bay Erosion Study

Client: Moreton Bay Regional Council
Location: South Pumicestone Passage
Project: South Pumicestone Passage
Tasks: Hydrographic survey.

2011

Gladstone Channel Dredging

Client: BMD
Location: Gladstone
Project: Curtis Island – MOF construction access
Tasks: Post dredge hydrographic survey.

2011

Gladstone SeaWall

Client: Abigroup Limited
Location: Gladstone
Project: Gladstone SeaWall Project
Tasks: Hydrographic survey and design, volume calculations to verify schedule.

2009

Gladstone Dredging

Client: QGC
Location: Gladstone Harbour
Project: Gladstone Dredging Project
Tasks: Survey, prepare survey plans and volumetric calculations for dredging.

2009

Upstream Project

Client: QGC
Location: Surat Basin
Project: QGC Upstream Project
Tasks: Earthworks as-constructed surveys and calculations/verification of quantities for progress claims on CSG evaporation ponds construction.

DSQ
LAND SURVEYORS

WE'RE EXPERTS IN MAPPING AND UNMANNED AERIAL VEHICLES

DSQ Pty Ltd has quality expertise in Mapping and UAV's due to their sound knowledge and experience in this sector.

The AscTec Falcon 8 Unmanned Aerial Vehicle (UAV) can add a more detailed, informative element to your project, with substantial cost savings:

- Diverse aerial imaging projects.
- Designed for aerial photogrammetry and videography.
- Ideal for detailed inspection work, 3D documentation of construction, mining and deformation monitoring.
- The AscTec Falcon 8 is a high-tech micro UAV with flexible camera and sensing options to suit your application.
- It is a proven and tested solution for high precision aerial mapping for applications including:

Broadhectare Mapping	Surveying inaccessible areas (eg. quarry)
Site monitoring	Thermography
Post disaster work	Industrial inspection

- The AscTec Navigator is a fully integrated software solution, tagging aerial images and flight data for geo-referenced applications and geocoding.
- DSQ has two CASA accredited pilots, a legal requirement to fly the Asctec Falcon 8 commercially.

Achilles Oil & Gas FPS Asia Pacific AUDITED

GLOBAL CERTIFICATION PTY LTD
AS/NZS ISO 9001:2008, AS/NZS 4801:2001 & AS/NZS ISO 14001:2004 CERTIFIED COMPANY
Quality Safety Environment JAS-ANZ
Registration Number: 202

Recent Major Projects
UAV & Mapping

2016

Origin Talinga A Pond

Client: Origin Energy
Location: Talinga Pond, Chinchilla
Project: Aerial mapping for volume calculations at CSG pond.

2015

Nambour Quarry

Client: Mansells
Location: Nambour
Project: Aerial mapping for volume calculations at quarry site.

2014

Surat & Bowen Basin Upstream CSG Development

Client: Golders/QGC
Location: Wandoan
Project: Aerial mapping for construction progress of IX Pond at QGC's Nothern Water Treatment Plant.

2014

Injune Sewer Treatment Plant Upgrade

Client: Maranoa Shire Council
Location: Injune
Project: Aerial mapping survey requested for upgrade of the Sewer Treatment Plant.

2011

QGC pond construction

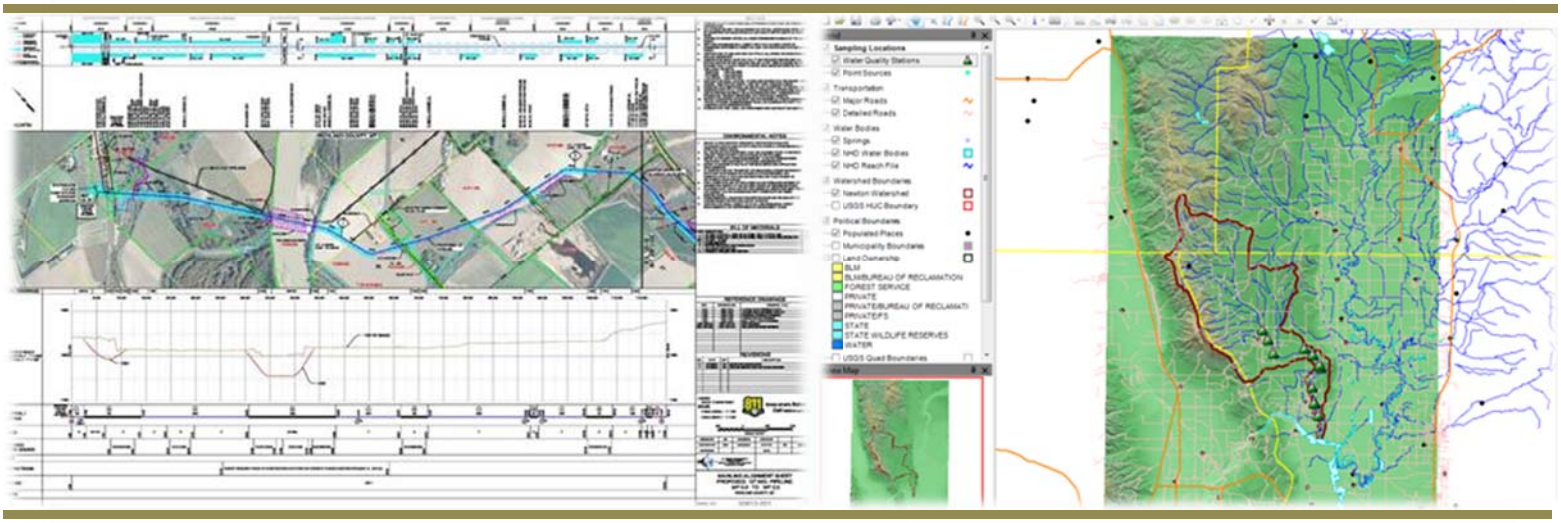
Client: AMEC/QGC
Location: Surat Basin, QLD
Project: Detail survey for design of CSG wells, access tracks, gathering systems, ponds, camps, FCS & CPP locations.

2009

Detail Surveys for Queensland Water Infrastructure for the Traveston Dam

Client: Queensland Traveston Dam
Location: Traveston Dam South East Queensland
Project: Detail survey required for the design of haul roads and dam design.

DSQ
LAND SURVEYORS



WE'RE EXPERTS IN GIS DATA MANAGEMENT

DSQ Pty Ltd has GIS experts that will help you through the entire project cycle. Utilising software that sets the benchmark in the GIS world, we will add value at all stages of your project - planning, designing, construction and management.

You can ensure data integrity from start to finish. From initial data collection, alignment sheet creation through to final client data deliverables for upload into their enterprising GIS systems. CAD and GIS software includes AutoCAD Civil 3D, 12D, MapInfo, Global Mapper and Esri ArcGIS. The information we produce is easily transferrable to and from most mainstream GIS, engineering and survey computer software programs.

During the asset locating phase after construction, DSQ can utilise in-house Surveyors to capture both spatial and attributed data of the assets, ensuring an efficient and accurate process of transferring the data from the field into the GIS environment.

We are constantly looking at developments in GIS and survey data capture to ensure faster, more accurate and more efficient service to our customers.

Achilles Oil & Gas FPS Asia Pacific AUDITED

GLOBAL CERTIFICATION PTY LTD
AS/NZS ISO 9001:2008, AS/NZS 4801:2001 & AS/NZS ISO 14001:2004
CERTIFIED COMPANY
Quality Safety Environment JAS-ANZ
Registration Number: 202

Recent GIS Projects

2016

QGC Charlie Trunkline

Client: Murphy Pipe & Civil (subcontract to QGC)
Location: Surat Basin
Project: QGC Charlie Trunkline Construction
Tasks: Surveyor responsible for construction & engineering surveys, data management and GIS processing.

2015

QGC Lauren Trunkline

Client: Murphy Pipe & Civil (subcontract to QGC)
Location: Surat Basin
Project: QGC Lauren Trunkline Construction
Tasks: Surveyor responsible for construction & engineering surveys, data management and GIS processing.

2014

QGC As Built GIS Data

Client: QGC
Location: Surat Basin
Project: Export Pipeline & Trunkline Data Review
Tasks: Review 'as-built' data provided by contractors, report anomalies or missing data, convert accepted data to QGC GIS data format.

2014

MPC Trunklines

Client: Murphy Pipe & Civil (subcontract to QGC)
Location: Surat Basin
Project: QGC Trunklines for Gas Collection Header
Tasks: Surveyor responsible for construction & engineering surveys, data management and GIS processing.

2014

QGC Export Pipeline

Client: QGC (subcontract through Unidel)
Location: Surat Basin
Project: QGC Mainline route selection and identification preparation
Tasks: Surveyor responsible for boundary surveys, easement surveys, titling advice.

2012

QGC Upstream Works

Client: QGC (subcontract to Unidel)
Location: Surat Basin
Project: QGC Upstream Works
Tasks: Surveyor responsible for construction & engineering surveys, data management, GIS processing, boundary surveys, easement surveys, subdivision, titling advice.