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ION PRODUCTS

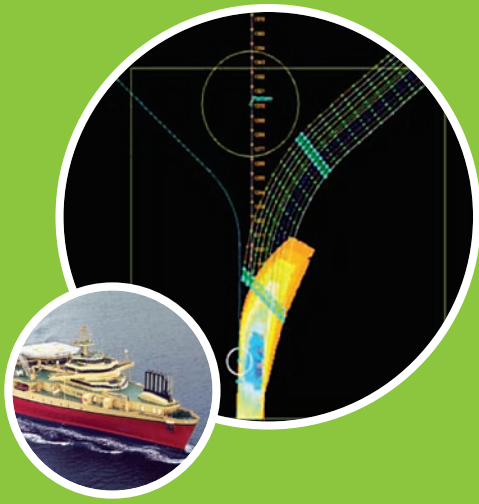
Marine Acquisition Services



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Acquisition

SERVICES



Experienced Acquisition Specialists play a key role in managing proprietary software and operations to dynamically optimise marine acquisition at every step - from survey planning to the final shot point.

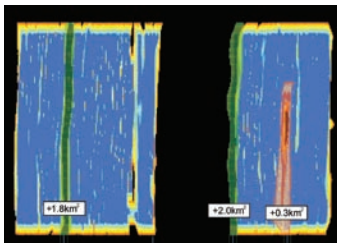
LEADING THE CHARGE

For over 40 years, ION has fostered innovation and created a world-class toolkit to explore challenging offshore targets, pinpoint optimal drilling locations, and maximise production. As the leading provider of advanced software solutions for the marine seismic industry, ION Concept Systems is uniquely positioned to provide customised Acquisition Services to oil companies and service providers.

Due to rapid progression in the seismic industry, existing tools often require significant development to meet emerging exploration and imaging objectives. Concept Systems assembles unique expertise and on-demand software development to provide new technology that dramatically improves the quality and productivity of surveys.

SPANNING THE WORKFLOW

By solving cutting-edge acquisition challenges, Concept Systems' comprehensive portfolio constantly evolves to overcome the latest obstacles. Acquisition Services encompass three crucial stages for survey optimisation across the seismic workflow.



LINE PRIORITISATION

Pre-survey modeling is combined with in-field data to dynamically select the least number of lines to achieve the desired data quality or repeatability.

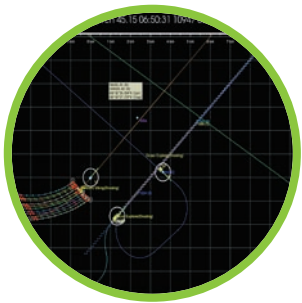
ASSESS

Concept Systems' thorough, efficient planning process is critical to achieving an optimal image with minimal acquisition. The analysis incorporates all relevant variables to model numerous scenarios and the resources required.

- > **Historical or baseline data analysis** highlights potential challenges during acquisition
- > **Coverage modeling** optimises pre-survey parameter decisions, such as survey orientation and streamer configuration
- > **Obstruction modeling** evaluates data quality around in-field hazards and whether additional resources are required to overcome imaging limitations

PREDICT

In addition to pre-planning, anticipating environmental conditions during the survey is paramount to achieving survey objectives efficiently. Combining global ocean current estimates with advanced spread prediction technology creates the most accurate coverage and repeatability modeling in open seas and around obstructions.



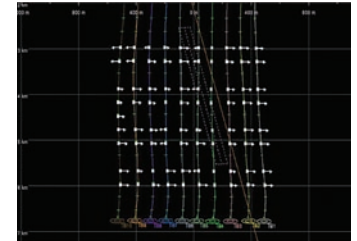
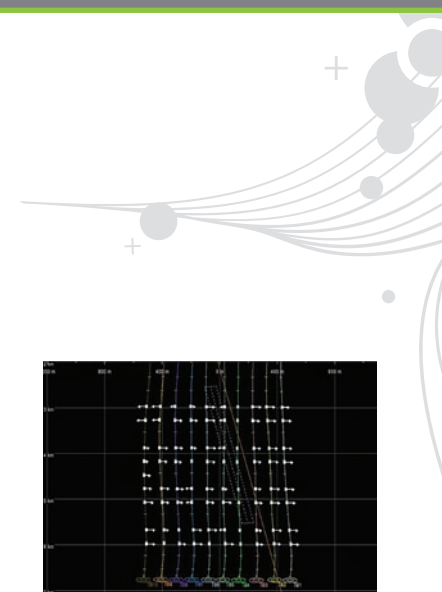
Evaluating decisions with real-time data facilitates optimal placement of the vessel, spread and equipment to maximise data quality and productivity.

OPTIMISE

Concept Systems couples its thorough preparation and modeling capabilities with exceptional in-field support. With over 60 years of experience coordinating complex surveys, Acquisition Specialists play a key role in managing proprietary software and operations to dynamically optimise acquisition. Continuous, real-time analysis empowers seismic crews to make informed decisions about line prioritisation, binning coverage, and data QC for ideal acquisition.

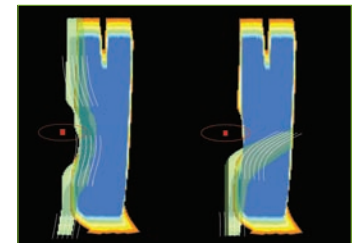
BLAZING THE TRAIL

Acquisition Services remains at the forefront of emerging E&P requirements by solving complex challenges. Committed to continuous development, Concept Systems stays ahead of the curve by improving new fast-track development features for next generation software.



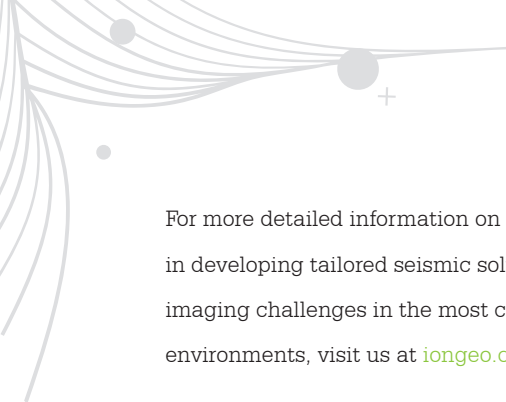
STREAMER STEERING

Actively controlling lateral cable movement enables even streamer separation for repeatable, finely sampled seismic data and minimal infill.



OBSTRUCTION MODELING

Acquisition Specialists evaluate data quality and means to overcome imaging limitations around in-field hazards while reducing HSE risk.



For more detailed information on the industry leader
in developing tailored seismic solutions that address
imaging challenges in the most complex acquisition
environments, visit us at iongeo.com

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