

# Multi-Sat Offshore Gravity Data

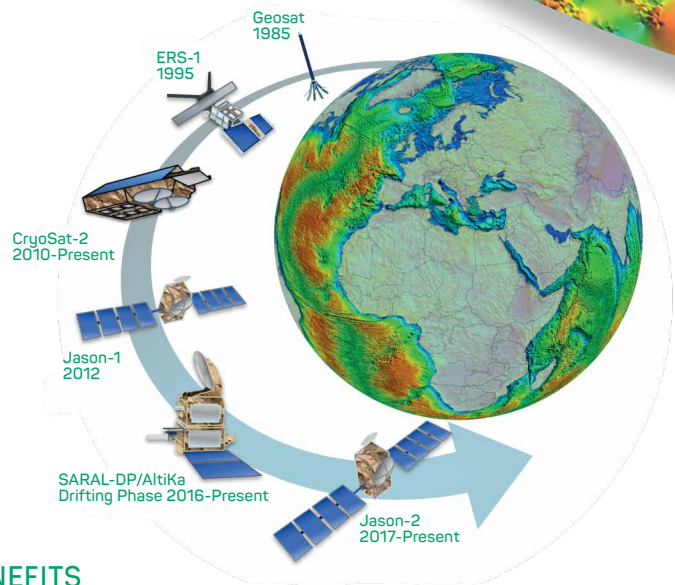
## Unparalleled structural insight for offshore exploration

Recent integration of information from six satellites combined with innovative processing methods has resulted in the most accurate, reliable and coherent gravity for all offshore areas, providing resolution comparable to regional 2D shipborne solutions.

### USES

These data can be used as part of an integrated exploration campaign to:

- Conduct regional and block-scale geological analysis.
- Identify sedimentary basins, intra-basin depocentres and structural highs.
- Map structural lineaments and combine these with geological data to enhance understanding of basin evolution and prospectivity.
- Diminish uncertainties in seismic interpretations with 2D and 3D modelling.
- Map extents of anomalous bodies that traditionally attenuate seismic energy (such as ore bodies, intrusive volcanics and evaporite diapirs) and image features below them.
- Estimate depth to basement, depth to other key target horizons and sediment thickness.



### BENEFITS

A coherent, self-consistent gravity dataset of a resolution and accuracy to allow for detailed analysis for all offshore areas is a crucial part of an exploration database. Our ground-breaking Multi-Sat Offshore Gravity Data will enable you to:

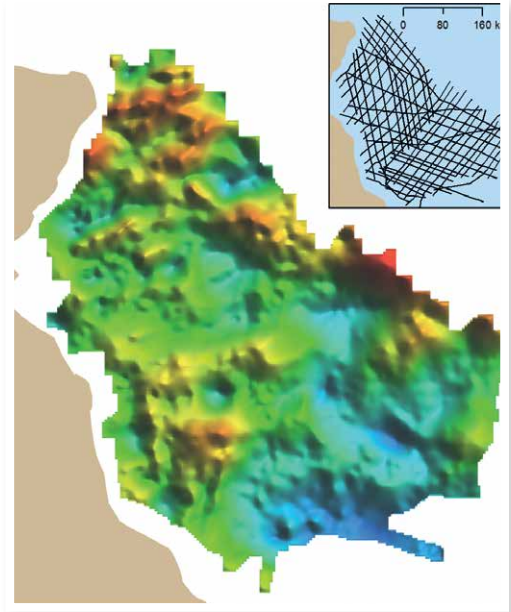
- Extend interpretations over large areas away from expensive seismic and well data.
- Evaluate areas prior to embarking on costly seismic acquisition and avoid wasted investment.
- Fully understand the availability, quality and resolution of data already acquired before embarking on new acquisition.
- Understand the nature of crust and basin-fill composition.
- Integrate your proprietary data into a robust, self-consistent regional framework.

## KEY FEATURES

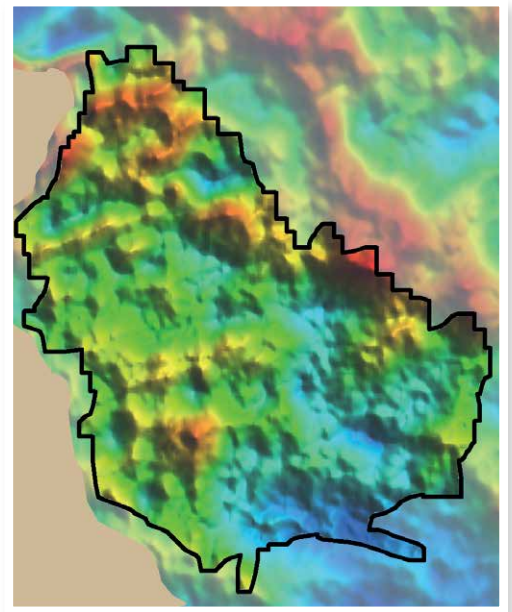
Good quality gravity data are an essential part of any cost-effective exploration campaign. Getech has been at the forefront of developing methods to calculate gravity anomalies from satellite altimetry data for decades - including addressing the challenges of multiple satellites, varying acquisition modes, specialist processing and applying proprietary micro-levelling techniques. Our unique expertise and methodologies allow us to continually improve our Multi-Sat Offshore Gravity Data as more satellites come on-stream.

Our latest Multi-Sat Offshore Gravity Data includes:

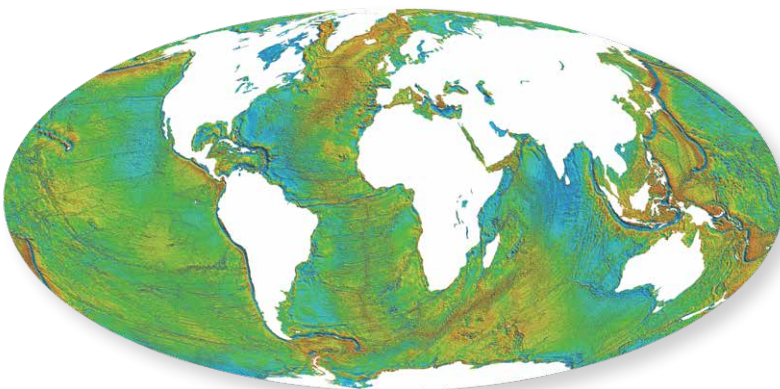
- Coherent and self-consistent gravity for all offshore areas.
- Incorporation of data from multiple satellites with a high data density and reliable data close to coasts.
- Advanced processing methods and proprietary micro-levelling techniques that diminish satellite track artefacts.
- 1km grid data for all offshore areas with a resolution comparable to 2D marine surveys.
- An associated bathymetry compilation to ensure robust processing from free air to Bouguer anomaly, and a suite of derivatives to aid interpretation.
- Data for the 20 largest inland lakes.



OGA Mid North Sea High 2D gravity



Multi-Sat gravity



To learn more about Multi-Sat Offshore Gravity Data email [gravmag@getech.com](mailto:gravmag@getech.com) or visit [www.getech.com](http://www.getech.com)

## ABOUT GETECH

Getech applies its world-leading geoscience data and unique geospatial software products to accelerate the energy transition by locating, developing and operating geoenery and green hydrogen projects.

