

MABON Offshore Nigeria

Gravity, Magnetics and Bathymetry Data Merge

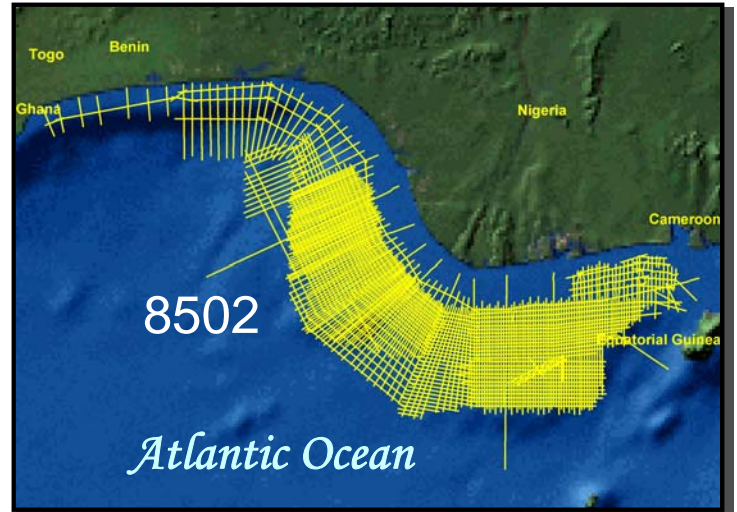


Project Description

FGMS in partnership with MABON LIMITED, have conducted a data merge of the Mabon database of gravity, magnetics and bathymetric data offshore Nigeria. The 41,977 km data merge project is described below:

Processing Data Flow

- Loading line gravity, magnetic and bathymetric data from surveys AR2, AR3, AR4 and AR5A into LCT DATAPRO™ database.
- Performed systematic leveling process to free-air gravity, bathymetry and magnetic data.
- Grid bathymetry from combined database using minimum curvature gridding.
- Calculate the Bouguer correction with free-air gravity to create Bouguer gravity.
- Combined the Bouguer correction with free-air gravity to create Bouguer gravity.
- Performed systematic leveling process to Bouguer gravity.



Deliverables

The project deliverables for each data license include:

- Digital line and grid data in ASCII format on 8mm tape or CD.
- Maps or Tiff images of free-air gravity, Bouguer gravity, bathymetry and Total Magnetic Intensity.

FGMS will also provide a value-added integrated model package. This non-exclusive package is comprised of three 2D gravity/magnetic/seismic/well data models, totaling approximately 1,000 line kms.

Pricing/Availability & Optional Products

Final products ready for immediate delivery.

We can also provide this data as geotiff images and grids in an ArcGIS 8.3 project. This package also includes data enhancements and hot-linked Profiles for additional cost.

Data review and interpretation costs available upon request

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