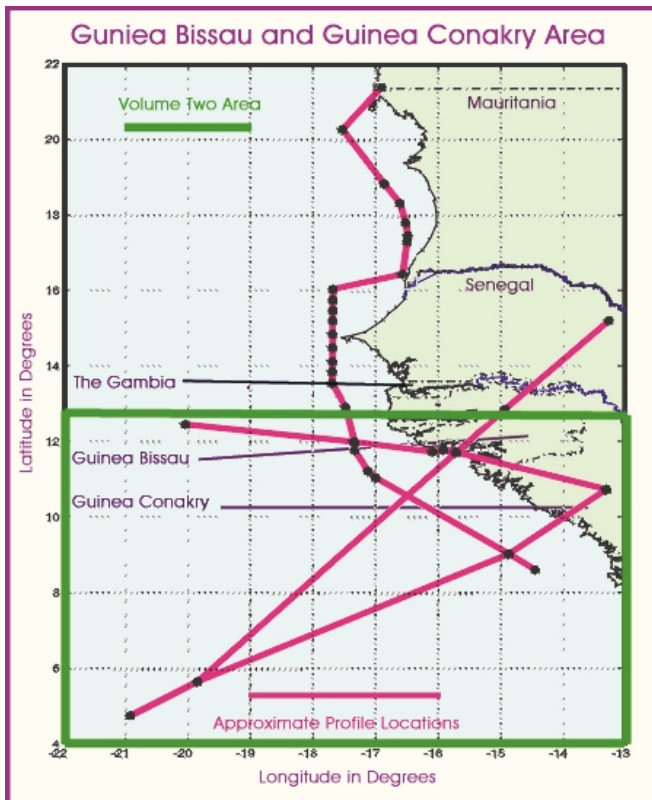


MSGBC Basin: a SAMBA Addition

Volume Two: Guinea Bissau and Guinea Conakry

This study is an addition to the joint GETECH/DIGs South Atlantic Margins Basin Analysis (SAMBA) Project. The project extends from Mauritania to Guinea Conakry. It is a three volume report from a collaboration between First Exchange, GETECH and DIGs. In the SAMBA project, Northwest Africa was interpreted only at a regional scale of 1:2,500,000 and did not include extended data, profile models, or a geological write-up.

The study extends the SAMBA project and includes a "tectono-stratigraphic" interpretation and a geologic review of the area, with enhanced structural and continent ocean transition interpretations. This is a non-proprietary study.



Products:

- Definition of the Continent of Ocean Boundary (COB)
- Determination of the Thickness of the Continental Crust and Beta Factor.
- Depth to Magnetic Basement
- Depth to High Density Basement
- Mapping of Depo-centers Kitchen Areas and Fans
- Mapping of Sediment Pathways.

Data to be used:

- **Seismic Data:** mainly commercial.
- **Well Log Data:** public and commercial.
- **Geologic Data:** published sources and interpreters personal experience.
- **Gravity, Magnetic and Topographic Data:** Gravity: GETECH's Africa Gravity Project merged with reprocessed Satellite Data. Magnetic: GETECH's African Magnetic Mapping Project. Topographic: GETECH's Digital Elevation Models (DEM-5) for the world and GTOPO30.

Technical Details:

- Use of Gravity and Magnetic Data enhancements.
- Use of Spectral and Euler Inversion for depth to basement.
- Use of Integrated Modeling along seismic lines and geological profiles.

Products and Prices:

- See reverse for product and price details.
- Detailed proposal available on request.

FIRST EXCHANGE
CORPORATION

Please Contact either of these offices for more information:

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GETECH - Leeds, UK - (44)-113-233-5240 - info@getech.leeds.ac.uk

First Exchange - Houston, Texas - 281-556-5656 - 76363.1225@Compuserve.com



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● Products

The following products will be delivered for the Area defined in the figure (see reverse).*

Topography and Bathymetry (from the best sources)

Gravity Products:

Isostatic Anomaly
Bouguer Anomaly
High pass of isostatic at appropriate wavelength
First Vertical and Total Horizontal Derivatives of Isostatic
Dip-Azimuth of Isostatic

Magnetic Products:

Total Magnetic Intensity (TMI)
Reduced to the Equator (RTE) of TMI
First Vertical Derivative of RTE
Dip-Azimuth of RTE

Profile-based structural and stratigraphic models across the coast, margin and offshore defined in figure (see reverse), constrained by gravity, magnetic, seismic, and well data.

Geologic Interpretations

General Tectonics and Structure
Structural overlay with depth to basement, high density structures, and continental ocean boundary
Tectono-Stratigraphic overlay showing sediment pathways, depo-centers and fan systems

Comprehensive report including geologic summary in hard copy and digital version.

ArcView™ Project with all interpretation products defined above.

● Additional Volumes

Volume 1: Senegal and The Gambia Interpretation

Volume 3: Mauritania Interpretation

● Prices

Interpretation Report and Right to use data prices:

Volume 1 - Senegal and The Gambia:	\$ 24,000
Volume 2 - Guinea Bissau and Guinea Conakry:	\$ 18,000
Volume 3 -: Mauritania:	\$ 21,000
Complete MSGBC Interpretation:	\$ 50,000

Optional Digital Grids Gravity, Magnetic, and Topography Grids:

Volume 1 - Senegal and The Gambia:	\$ 6,000
Volume 2 - Guinea Bissau and Guinea Conakry:	\$ 3,000
Volume 3 -: Mauritania:	\$ 6,000
Complete MSGBC Interpretation:	\$ 13,000