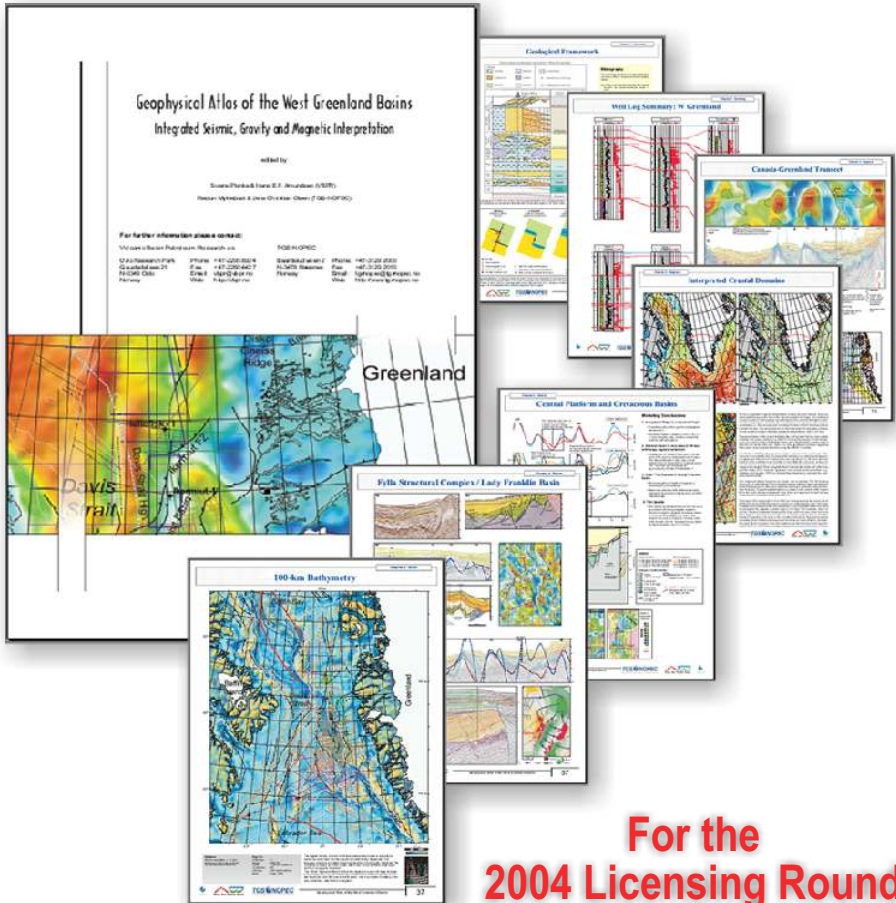
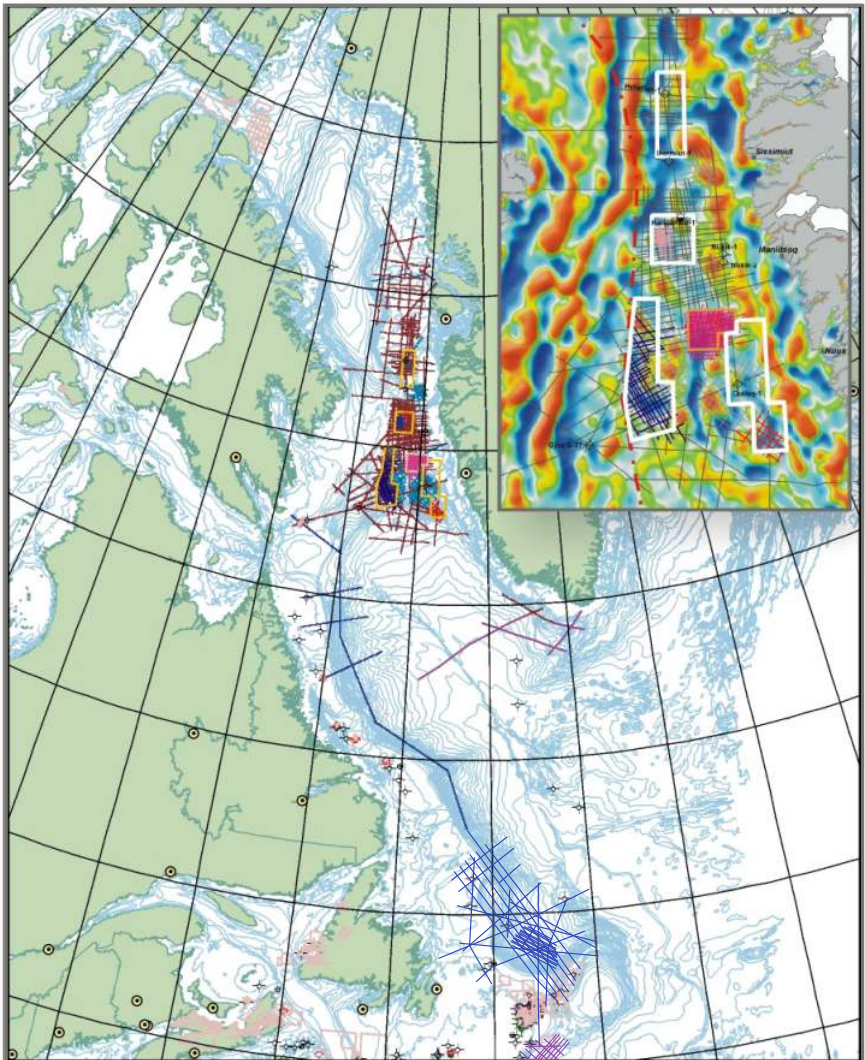


# Updated and Revised Edition ! Geophysical Atlas of the West Greenland Basins

## INTEGRATED SEISMIC, GRAVITY AND MAGNETIC INTERPRETATION



**For the  
2004 Licensing Round**



The updated and revised edition of the “*Geophysical Atlas of the West Greenland Basins*” will focus on the 2004 Licensing Round Areas.

Revised edition available by April 1, 2004.

# ***Geophysical Atlas of the West Greenland Basins***

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TGS-NOPEC, Volcanic Basin Petroleum Research (VBPR) and Geological Survey of Denmark and Greenland (GEUS) are proud to announce an updated and revised edition of the “*Geophysical Atlas of the West Greenland Basins*”.

The updated Atlas will contain results from the new surveys and studies completed during 2002 and 2003. It will also contain special studies on the 2nd Licensing Round Areas.

## ***New data from TGS-NOPEC***

More than 14,000 km seismic and gravity data acquired during 2002 and 2003 focusing on:

- Ungava Fault Zone: deep basins and structures
- 2004 Licensing Round Areas offshore West Greenland
  - Lady Franklin Basin: large structures
  - Nuuk Basin and Fylla Structural Complex
- Kap Farvel basins

## ***New Results from GEUS***

- Revised geological framework
- Revised biostratigraphy with correlations to selected Canadian wells
- Revised chapter on source rocks and oils
- Special chapter on sea-bed features

Report in paper A3 and digital pdf version on CD-ROM

# ***Geophysical Atlas of the West Greenland Basins***

## **Background**

- Executive Summary
- Geological Framework
- Well Summaries
- Petroleum Systems

## **Labrador Sea-Baffin Bay**

- Magnetic, Gravity and Bathymetric Maps
- Interpreted Anomalies and Domains
- Plate Reconstructions

## **West Greenland Basins**

- Gravity and Magnetic Maps
- Interpreted Trends, Anomalies and Domains
- 2004 Licensing Round Areas

## **Integrated Interpretation**

- Ungava Fault Zone: Structural Highs and Basins
- Platform Basins (Nuuk Basin and Fylla Structural Complex)
- Cretaceous Rift Basins (Lady Franklin Basin)
- Jurassic, Triassic and Paleozoic Basins
- Seep Anomalies

## **Paleogene Volcanism**

- Intrusive and Extrusive Complexes
- Timing and Petroleum Implications

## **Appendix**

- References
- Additional Maps

## ***CONTACT DETAILS***

### **Jens Christian Olsen**

TGS-NOPEC  
Veras Alle 7  
DK-2720 Vanløse  
Denmark

Phone: +45 38 74 59 50  
Fax: +45 38 74 94 89  
E-mail:  
[jenschristian.olsen@tgsnopec.no](mailto:jenschristian.olsen@tgsnopec.no)

### **Sverre Planke**

VBPR  
Forskningsparken  
Gaustadalleen 21  
N-0349 Oslo  
Norway

Phone: +47 22 95 89 24  
Fax: +47 22 60 44 27  
E-mail:  
[planke@vbpr.no](mailto:planke@vbpr.no)

### **Fl. Getreuer Christiansen**

GEUS  
Øster Voldgade 10  
DK-1350 Copenhagen K  
Denmark

Phone: +45 38 14 27 27  
Fax: +45 38 14 20 50  
E-mail:  
[fgc@geus.dk](mailto:fgc@geus.dk)