January Luncheon Canceled

February Luncheon Presentation

Sperm Whales and Seismic Airguns in the Northern Gulf of Mexico

Juliette W. Ioup, George E. Ioup, and Natalia A. Sidorovskaia

The Littoral Acoustic Demonstration Center (LADC) is a consortium at Stennis Space Center comprising the University of New Orleans, the University of Southern Mississippi, the Naval Research Laboratory, and the University of Louisiana at Lafayette. LADC deployed three Environmental Acoustic Recording System (EARS) buoys in the northern Gulf of Mexico during the summer of 2001 to study ambient noise and marine mammals. Each LADC EARS was an autonomous, self-recording buoy capable of 36 days of continuous recording of a single channel at an 11.7 kHz sampling rate (bandwidth to 5859 Hz). The hydrophone selected for this analysis was approximately 50m from the bottom in a water depth of 800m on the continental slope off the Mississippi River delta. Audible in the recordings are seismic airguns and sperm whale hunting clicks and communication codas. The recorded time series, its Fourier transform magnitude, and its wavelet transform coefficients are presented and discussed. Results are presented for the identification of individual sperm whales from their codas, using the acoustic properties of the clicks within each coda.

Speaker's Biography

Juliette W. Ioup received Bachelor’s and Master’s degrees from the University of Florida and a Ph.D. degree from the University of Connecticut, all in physics. She was Professor of Physics at Xavier University of New Orleans and is currently Professor of Physics and Geophysics at the University of New Orleans. She was a seismic data processor at Texaco from 1981 to 1984. Juliette is a member of the Southeastern Geophysical Society, the Society of Exploration Geophysicists, the American Geophysical Union, the American Physical Society, a Senior Member of the IEEE, and a Fellow of the Acoustical Society of America. Her research interests are currently in signal analysis and processing and underwater acoustics.
RENUE YOUR SGS MEMBERSHIP FOR 2005-2006. SEE PAGE 8 FOR THE APPLICATION FORM

GPI continues to expand our 3-D database in the Gulf Coast to include onshore, state waters, along with Federal shelf and deep water Gulf of Mexico.

Larry Galloway  
Phone: 985-727-6720  
Email: larry@geopursuit.com  
Web: www.geopursuit.com

NEW ORLEANS  . 985-727-6720 . 2895 Highway 190, Suite 227 . Mandeville, LA 70471  
HOUSTON  . 713-529-3000 . 3501 Allen Parkway . Houston, TX 77019

SGS 2006 Luncheon Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Speaker</th>
<th>Topic</th>
</tr>
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<tbody>
<tr>
<td>February 9&lt;sup&gt;th&lt;/sup&gt;</td>
<td>Juliette Ioup</td>
<td>&quot;Whale Signals&quot;</td>
</tr>
<tr>
<td>March 9&lt;sup&gt;th&lt;/sup&gt;</td>
<td>Rocky Detomo</td>
<td>&quot;Quantitative Integrated Evaluation with Explicit Large Scale Shared Earth Models for Ursa Field&quot;</td>
</tr>
<tr>
<td>April 13&lt;sup&gt;th&lt;/sup&gt;</td>
<td>John Castagna</td>
<td>&quot;Thin Man&quot;</td>
</tr>
<tr>
<td>May 11&lt;sup&gt;th&lt;/sup&gt;</td>
<td>Rebecca Latimer</td>
<td>&quot;Uses, abuses and Examples of Seismic-derived Acoustic Impedance Data&quot;</td>
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President’s Corner

by Richard Mongan

2005. Done, and perhaps the less said the better. 2006 here we go, onwards and upwards. A very Happy New Year to each and everyone and I hope this year is a safe and prosperous one.

We welcome everybody to the slightly shortened 2005-2006 Southeastern Geophysical Society’s technical luncheon and external activity season. I never got a chance to commend the past year’s Executive Board for a successful and exciting program that we, as the incumbent committee, plan to at least live up to and equal if not build upon in a short space of time and I have a superb crew of volunteers to help out. It’s a tough act to follow but for a man of my education and weight I for one am ready to step up to the plate!

To each of our current members I thank you for your continued and in some cases new support. I would encourage those of you whose membership has lapsed (our year actually runs from June 1 of one year to May 31 of the subsequent year) to renew by mail at your earliest convenience or in person. We propose to honor memberships already renewed for 2005-2006 and those soon to be taken out, through to May of 2007. The first opportunity you’ll have to do so in person if you haven’t sent anything in yet is at the February 9th luncheon. Over the previous year, even un-weather related, we withstood a steady exodus of former members to Houston however some of those dearly departed have remained loyal to us; some regularly travel back over for the monthly luncheon and there are actually a few others that have even returned to work here once again in town. Please join me in making anyone feel welcome when they come back to the Big Easy. At this juncture I would also like to thank other societies around the country (notably Dallas, Potomac, Houston) that offered the hand of geophysical brotherhood to our section at the back end of last year. No matter where we go and what we do we have a common bond.

There are always those new to our profession and those whose membership has lapsed that would benefit by being a member of the SGS and the SEG. I ask that you promote our society with your fellow colleagues and encourage them to become active members of at least the SGS.

We, as a committee, could not do this alone and it is through the hard work of supportive members, contributing companies, and past Executive Boards that the SGS has not only survived and been sustained but also strengthened. I want to thank Warren Mautz (Past President) for keeping me on the straight and narrow, reminding me what needs to be done and by when. Then there’s our 1st VP, Gale Jenkins, who under incredibly difficult personal circumstances has put together the technical program I hope as many of you get to enjoy. Barbara Kelty of
The Next Wave is Here

Available Now

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<td>Phase B</td>
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<tr>
<td>Phase G</td>
<td>143</td>
<td>P3DM</td>
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Charles Bowen  +1 281 646-2559  cbowen@cg.com
Richard Fossier +1 985 624-3027  rfossier@cg.com
April Robertson +1 281 646-2561  arobertson@cg.com
WesternGeco has taken over the reins as Secretary and will be maintaining the membership database. Henry Menkiti is now in Aberdeen. I remember the freezing winter nights and horizontal snow coming off the North Sea there. Good luck with that assignment Henry! Ellen Clark has swapped roles with Tom Watson. They are our Editor and Assistant Editor who produce the copy of Reflections you’re now reading and during the past year have been trying to get as many digital photographs as possible of our members to include in a joint SGS/NOGS photo directory. If you have not had a photo taken at a NOGS or SGS function you may submit, if you want, an image bitmap, jpeg or even a photo that could be scanned and returned to you. Speaking of photography, Arthur Christensen once again provides an outstanding service at many of the society events capturing individuals and/or special moments. We thank him for his time and effort.

Toby Roesler (Cimarex) continues as Webmaster. His humor and wit make the website www.sgs-neworleans.org that much more interesting a place to visit, not just as a source of information or a place to check whether you’re still a member or not.

As regards this year’s other activities, we had the 2nd Annual Geophysical Symposium back in early June. Although set up by last years committee it fell under our watch, where we had an excellent day’s worth of technical presentations from Operators and Contractors alike sharing their successes in the Gulf of Mexico. Congratulations to those involved in setting that up. The first weekend in August saw what is also turning out to be an Annual event, the Summer Social at a New Orleans Zephyrs game. Our presence in the Party Shack brought continued success to the Zephyrs who beat the Tacoma Rainiers 4-1. Thanks to 2nd VP Steve Espinosa for arranging that. Steve also has been frantically working behind the scenes to line up an alternate venue for our monthly luncheons because the Fairmont took in so much water to its electrical nerve center in the basement. Steve has done a superb job and I hope the only difference anyone notices with our luncheons is in the new surroundings. The Holiday Inn on Loyola will serve as our headquarters and looking ahead we have 4 technical luncheons lined up as usual on the second Thursday of each month where possible.

In February UNO Professor Juliette Ioup is presenting, “Whale Signals”. In March former SGS President Rocky Detomo gives us insight into shared Earth models used in Deepwater prospecting. John Castagna from Fusion is in the frame to present in April with the intriguingly titled, “Thin Man,” and we finish up in May with Rebecca Latimer’s, “Uses, Abuses and Examples of Seismic-derived Acoustic Impedance Data.”

We were due last September to host the SEG Distinguished Instructor Short Course given by Dr. Rodney Calvert of Shell. I was looking forward to his “Insights and Methods for 4D Reservoir Characterization” and it looks like we have secured his services to come present this for us in April the weekend before Jazz Fest. This event will also serve as a springboard to the 76th Annual SEG
Meeting to be held in New Orleans later in the year. Around 100 local volunteers are needed to help out on various committees. Some already have been coerced into organizing spousal activities, golf (very important) and then there are other appointments with a more technical bias. If somebody comes and asks you to help please try and find the time necessary to offer your services. It can be our way of showing the world what fun we have down the bayou...

Through the generous support of sponsoring companies the outgoing SGS Committee was able to fund the following Scholarships awarded at the May 2005 luncheon: Bill Blair – Suzanne Guzman and Kathryne Salo, Mariela Mejias (UNO), Ricardo Zapata (LSU) and Keri Judice (ULL). We would hope that a) we can have and b) our Golf Day in the spring realizes a similar amount of funds to do the same next year. Dee Smith of the MMS as this year's Treasurer will be keeping an eye on our financial performance as we apply for 501(c)(3) status.

During the course of hurricane displacement Lisa Buckner took advantage of the opportunity to join Amerada Hess in Houston. She had most recently served on the SGS committee as Outreach Liaison interfacing on activities such as Super Science Saturday and Fun Science for Families. Thank you Lisa for all you did in this part of the world. We are looking for a replacement person to assist in this capacity.

November saw the 75th SEG International Exposition and Annual Meeting in Houston. Warren Mautz and I represented the SGS at the SEG Council and were also invited along to the Global Affairs Committee meeting. All I can remember from that was an animated discussion over whether Japan should be considered part of the Australasian empire… Meanwhile it is also the largest technical gathering of the global geophysical community, with 700 papers or more are presented and an exhibition hall containing the most current hardware and software imaginable is showcased. Networking at this event is de rigueur and it’s not uncommon to see somebody who starts the week at one company and by the end of the week has that company’s name crossed out and their new employer written in marker pen!

That about brings us up to date. Once again, I thank you for your support, I trust everybody has kept safe over the latter part of last year and look forward to meeting you once again at the first luncheon on February 9th at The Holiday Inn.

Richard
Southeastern Geophysical Society
Membership Application
Fiscal Year
June 1, 2005 - May 31, 2006

Member Information
☐ New Member
☐ Renewing Member

The SGS is considering publishing an annual directory in a "Members only" portion of our website. Please check the applicable box below.

☐ Business ☐ Home ☐ Both ☐ Do not List

NAME

Last
First
M.I.

Professional Memberships:
SEG Status? ☐ Active ☐ Associate ☐ Student ☐ Not a member
Others:

Undergraduate/Graduate Schools: BA/BS:
MA/MS:
Other:

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Address
Phone
Fax
E-Mail

Home Address ☐ check here if this is your preferred mailing address

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Phone
Fax
E-Mail

Spouse's Name

Dues are $20 for Active and Associate Members and $10 for students. Please make checks payable to SGS and mail to:

Secretary
P.O. Box 57141
New Orleans, LA 70157-7141

Cash
Check No.
Date Paid

Southeastern Geophysical Society
Reflections
January 2006
I want to say a big hello and welcome home to all of our SGS members. If you are not back in the “Big Easy” then I truly hope that it will be soon. It certainly has been a trying 4 months for all of us here in New Orleans. The city is slowly coming back to life and more and more each day a sense of normalcy inches forth just a bit more. There is still much to do but it is hopeful that New Orleans will come back stronger and more vibrant than before.

2006, for the most part, starts the beginning of our SGS monthly meeting schedule. We will resume our luncheons February 9th at the Holiday Inn Downtown located at 330 Loyola Ave. The luncheon will start at 11:30 am and go to 1:00 pm. Please make note of our future luncheon dates; March 9th, April 13th, and May 11th. We look forward to seeing you there.

Also in the works is our annual SGS Golf Tournament. The planned date is Thursday March 16th which is the day after the Gulf of Mexico Lease Sale. The tournament will be held at the Money Hill Golf Course in Abita Springs, LA which is always in immaculate condition. Please make plans to join us for this fun event. More will be coming your way concerning the golf tournament on the web site as well as the monthly newsletter.

Speaking of the website we are in the process of updating it. Please check it regularly for updates and important information pertaining to SGS. The website address is http://www.sgs-neworleans.org/.

Steve
SEG New Orleans 2006
Call for Papers

SEG International Exposition and Seventy-Sixth Annual Meeting
New Orleans, Louisiana • 1-6 October 2006

In 2006, SEG will return to historic New Orleans, located on the mighty Mississippi River, gateway to the Gulf of Mexico, and home to jazz, Cajun cuisine, and Mardi Gras. Do not miss this opportunity to present your latest techniques, research results, and case histories at what promises to be an extremely well attended and exciting meeting of geoscientists from around the world.

Technical Program Chairman Rocky Detomo and his committee officially invite you to submit your contributions for oral and poster presentations at the upcoming SEG International Exposition and Seventy-Sixth Annual Meeting. High-quality contributions from all geophysical and related disciplines and from every part of the world are welcome. Papers illustrating practical application of emerging techniques and new work that challenges technical limits and old paradigms are especially desired and will receive preferential consideration.

Because of the popular location, it is likely that both attendance and technical paper and poster submissions will be very high. Therefore, it is the technical committee's intent that the number of technical sessions will be limited and that only the best contributions representing each component of the discipline spectrum will be accepted. Submissions must conform to standard SEG formats and must be written in clear English. Submissions tendered after the deadline or with formatting problems, unclear text or figures, or deliberate commercialism may be rejected. The committee especially encourages submissions for poster presentations.

Abstract kits will be available online after 14 December 2005. Hard copies can be requested from the SEG Business Office.

DEADLINE FOR ABSTRACT SUBMISSION IS 12 APRIL 2006, AT 5 P.M.
U. S. CENTRAL TIME.

Rocky Detomo, Technical Program Chairman
SEG New Orleans 2006 International Exposition and
Seventy-Sixth Annual Meeting
P. O. Box 702740, Tulsa, OK 74170-2740 USA
callforpapers@seg.org

www.seg.org
Scholarship Award Winners Announced

At our 2005 May Luncheon, the SGS proudly presented its most prestigious award, The Bill Blair Scholarship, to Kathryne Salo and Suzanne Guzman, in recognition of outstanding academic achievement and community service. The 2005 SGS University Scholarships were presented to Mariela Mejias of the University of New Orleans, Ricardo Zapata of Louisiana State University, and Keri Judice of the University of Louisiana at Lafayette.

The SGS considers these scholarships an important contribution to and promotion of scholastic excellence that should be a part of our professional society. Those eligible for the Bill Blair Scholarship are the daughter/granddaughter or son/grandson of current SGS members. See the Application for Scholarship form for further information.

ALBERT P. BROWN, P.G.
Geophysical Consultant
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Depth Imaging / Signal Enhancement
(504) 561-8690 cell:(504) 296-8877
brownap1@bellsouth.net

CALL FOR NOMINEES – SGS EXECUTIVE COMMITTEE 2005-2006
Support your Society. Volunteer or nominate colleagues to serve in one of the following positions for next year:

- President
- First Vice President (Arranges for speakers)
- Second Vice President (Monthly luncheons and social functions)
- Secretary
- Treasurer
- Editor

Deadline for nominations: March 2005
The New Orleans data processing center has provided continuous service for 27 years with the industry’s most advanced seismic solutions to help you reduce exploration and development risks.

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Hosted by the Southeastern Geophysical Society
New Orleans – April 27, 2006

Insights and Methods for 4D Reservoir Monitoring and Characterization

Overview

4D can give major returns if applied properly. However, it is still a rapidly evolving technology. Participants in this one-day course come away with a basic understanding of the issues leading to success and failure and the methods to ensure success.

Summary

The course will address the following questions:

- What methods of seismic 4D monitoring are appropriate for different types of fields and production mechanisms? What questions can 4D answer? Are there any alternatives?
- What are the seismic quality requirements and how can we assure they are sufficient? What 3D problems can we difference away to get good 4D?
- There are now more and more options available for seismic acquisition with streamers, OBC, OBS and down-hole possibilities. How do we make the best choice for quality and price? Some real breakthroughs are now possible.
- What should we measure from our data? What are the important reservoir engineering questions? What do people mean by "quantitative 4D" and what is possible with petrophysical and reservoir engineering co-operation?
- How can we update a reservoir model using 4D data and 4D history matching?
- How should we make 4D monitoring an integral part of field development and management? How might this change our industry?

Participants will be able to take home and use the answers and methods discussed in this course.

Who should attend?

Anyone interested in understanding the methods of 4D and their potential. This course is suitable for managers who must make the important decisions, for reservoir engineers who want to understand the results, for seismologists who have to get the results, and for anyone else who would like to learn how to remotely track subsurface processes in 3D as they happen. Advanced knowledge of seismic theory is not required; this course is about understanding and practice.
SEG/EAGE DISTINGUISHED INSTRUCTOR SHORT COURSE

Hosted by the Southeastern Geophysical Society

Insights and Methods for 4D Reservoir Monitoring and Characterization

By Dr. Rodney Calvert

New Orleans, LA – April 27, 2006

Venue TBA in February
Presentation: 8:00 a.m. – 4:45 p.m.
Registration opens at 7:15 a.m.
Registration is limited to 100

Important: Please complete a separate form for each registrant

Name ________________________________
Company Name ____________________________
Street Address ____________________________
City, State, Zip ____________________________ Country ____________________________
Phone ____________________________ Fax ____________________________
Email ____________________________ Signature ____________________________

SEG Member? ☐Yes ☐No SEG Member Number __________, SGS Member ☐Yes ☐No, SWLGS Member ☐Yes ☐No

Cost: (Check ONE)
☐ Member of SEG and SGS or SWLGS $35
☐ Student member of SEG & SGS or SWLGS (member number or completed SEG application required) Free
    ☐ Member of SEG only (This is the amount of SGS or SWLGS dues + $35) $55
    ☐ Member of SGS or SWLGS only (This is the amount of SEG dues $75 + $35) $110
☐ Member of neither SEG nor SGS/SWLGS – Please complete both applications (SEG and SGS or SWLGS) $130

- If you wish to join either society (SGS or SWLGS) or SEG and would like to apply this registration fee to your membership dues, please submit the appropriate membership application form(s) with this registration form. SEG student membership dues provided for by Halliburton Energy Services, Inc.

AMOUNT ENCLOSED: $________

Make checks payable to SOUTHEASTERN GEOPHYSICAL SOCIETY. Please, DO NOT send cash.

Return this form and RSVP to:

Steve Espinosa
Southeastern Geophysical Society
P.O. Box 57141
New Orleans, LA 70157-7141

Steve Espinosa, 504-250-4851
E-Mail: steve.espinosa@bakeratlas.com

Richard Mongan, 504-561-7915

Fax: 504-523-3654
Email: richard.mongan@bakeratlas.com

REGISTRATION INFORMATION

To pre-register, the completed registration form must be received at the address noted no later than Friday, April 14, 2006. The registration fee includes course materials, Box Lunch, coffee, and break refreshments. Participants are responsible for their own hotel and travel arrangements. Payment of the tuition for the program is to be made in advance. Registration is on a first-come, first-served basis. This course has a maximum class size limit; early registration is urged. If the course is fully subscribed at the time your registration is received, you will be notified and placed on a waiting list as an alternate. On-site registration is discouraged due to class size restrictions, but will be provided on a space-available basis.

This program is made possible through generous support from the SEG Foundation.
Calendar of Events

- February 6.......................................................... NOGS Luncheon – Sheraton Hotel
- February 9.......................................................... SGS Luncheon – Holiday Inn
- March 9...................................................................... SGS Luncheon – Holiday Inn
- March 16............................................................. SGS Annual Golf Tournament
- April 13............................................................... SGS Luncheon – Holiday Inn
- April 27............................................................... SEG DISC

Chevron

935 Gravier Street
New Orleans, LA 70112
(504) 592-6000
Vertical Seismic Profiles – More than just a Corridor Stack

The Perfect Profile

In addition to providing the ideal seismic trace at the wellbore for correlation purposes with the surface seismic, vertical seismic profiles (VSP) are commonly only utilized as a densely sampled shot-connection survey for sonic calibration and velocity information. Using VSP data in this way not only undervalues the VSP technique, but also misses a number of opportunities for extracting information that will assist in surface seismic processing and interpretation. VSP data can nowadays be acquired in a cost-effective manner to provide the following additional information over and above the typical VSP products.

- Identification of inter-bed multiples
- Direct measurement of attenuation (Q).
- 2D phase analysis of surface seismic.

Multiple Vision

VSPs are an ideal tool for identifying multiples, particularly the inter-bed variety. Outside corridors should be free of inter-bed multiples after trace-by-trace wave shaping deconvolution. In Figure 4, the outside corridor is outlined in blue and the inside corridor is outlined in red. Inside corridors will contain inter-bed multiples. Comparison of each corridor stack to the surface seismic will confirm the existence of inter-bed multiples in surface seismic.

Right on Q

The down-going wave-field of a VSP is the ideal place to measure Q as the seismic wave-field is sampled by the geophones in the borehole as the wave-field travels down through the earth.

Figure 1 Spectra between the deepest and shallowest VSP geophones.

Spectral ratios are calculated between all possible receiver pairs in the VSP. Figure 2 shows a plot of many Q values versus depth, color-coded by confidence in the spectral slope. Red are Q values of high confidence.

Figure 2. Multiple spectral ratios

Phase Too

VSP geometry and trace-by-trace wave shaping deconvolution ensure that the final corridor stack is zero-phase. The blue box in Figure 3 shows the time window used in the analysis of an extracted 2D surface seismic line that ties the VSP. The VSP corridor stack and a trace from the seismic are cross-correlated. The peak amplitude cross-correlation gives the time and phase shift necessary to make the phase of the seismic equal the phase of the VSP. The central panel shows a map of the cross-correlation amplitudes, from which the time and phase difference between the VSP and the seismic can be determined. By applying these corrections to the seismic, a much-improved tie can be seen along the well.

Figure 3. Before and after phase analysis

Contact Robert Mann, Sr. Geophysicist, Bore-hole Seismic, for further information, survey design (Office Phone: 504-592-5436, email: manrdd@new-orleans.oilfield.slb.com) at Schlumberger, New Orleans.
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Southeastern Geophysical Society  Reflections  January 2006
Southeastern Geophysical Society
Scholarship Program

Application for Scholarship

Name ____________________________________________________
Address ____________________________________________________

General requirements for Eligibility:

1) A student must be enrolled or planning to enroll in college for the next school year.
2) A student must be a daughter/granddaughter or son/grandson, of a current SGS member.
3) The applicant must be:
   a) A high school senior planning to attend college next fall.
   b) An undergraduate or graduate college student whose grades are above average.
4) A student’s need of financial assistance will be considered.

How to apply:

Fill out this form and mail it* promptly to:

SGS Scholarship Committee
P. O. Box 57141
New Orleans, LA 70157

*or submit by the SGS luncheon in April

Requirements for Filing This Application:

• Completely fill out the Scholarship Application Form: Sections One, Two, and Three.
• Submit a transcript of your academic career thus far (high school/college through present)
• Request two (2) letters of recommendation from faculty

Applications and supporting documents must be in the hands of the Scholarship Committee on or before April 9.
Applications will not be considered unless the required transcripts and letters of recommendation are received by the Committee by the deadline.

Signature ________________________________ Date ________________
(Signature of Applicant)

Have either parents or guardian sign the following statement if applicable: I (we) have read this application and I (we) give our approval.

________________________ Date _______ ________________________ Date _______
(Father or Guardian) (Mother)
Scholarship Application Form
Southeastern Geophysical Society

Before you submit this application, either type or use ink to PRINT all the information requested. If additional space is needed to answer questions, use separate sheets and attach to this application. PLEASE COMPLETE ALL INFORMATION REQUIRED IN EACH SECTION BEFORE RETURNING THE APPLICATION TO THE SCHOLARSHIP COMMITTEE. THIS FORM MUST BE IN THE HANDS OF THE SCHOLARSHIP COMMITTEE ON OR BEFORE APRIL 9.

Section One: General Information

Date __________________

Full Name of Applicant
__________________________________________________________________
(Last)                          (First)                   (Middle)                             (Social Security Number)

Home Address
________________________________________________________________________
(Number and Street)             (City or Town)                   (State)             (Zip Code)             (Telephone)

Present address for Correspondence
______________________________________________________________________
(Number and Street)             (City or Town)                    (State)             (Zip Code)              (Telephone)

Date of Birth
________________________________________________________________________
(Date)                                                               (City or Town)                   (State)             (Country)

email address
_______________________________________________________________________

Indicate Person who furnishes your principal financial support:
Father ___  Mother ___  Guardian ___  Spouse ___  Self ___

Full name of this person if other than self:
__________________________________________________________________
(Last)                       (First)                          (Middle Initial)

Address
________________________________________________________________________
(Number and Street)                              (City or Town)                              (State)             (Zip Code)

Employed
_______________________________________________________________________
(Company)                                                                  (Address)

What Southeastern Geophysical Society member is your sponsor?
_______________________________________________________________________

What relationship to you is the sponsor?
_______________________________________________________________________

Southeastern Geophysical Society
Reflections
January 2006
Section Two: Current Classification

Special Note: Section Two requires you to complete only the part applicable to your current classification (i.e., High School Senior, Undergraduate, Graduate Student). Only one part of Section Two should be filled in.

High School Senior:

Name of school now attending _______________________________________________________

Address of school now attending _____________________________________________________

When will you graduate from high school? _____________________________________________

Include a transcript of your high school record for at least the last 3 years.

List courses now in progress _____________________________________________________
________________________________________________________________________________

It is important that two letters of recommendation from your science or mathematics teacher or school principal, in support of your application, be requested by you and sent directly (by the teacher or principal) to the SGS Scholarship Committee. The Committee must receive these references no later than April 9. In addition, a transcript of your high school courses up to the present semester is required.

In which College or University do you wish to enroll?

First Choice _____________ Second Choice _____________ Third Choice _____________

To which of these colleges have you applied for admission?

To which accepted? _______________________________________________________________

SAT Test Scores: Math _____ Verbal _____ Date _______ ACT Test Score _______

State what major you intend to take in College: ______________________________________

What professional career do you intend to follow?
______________________________________________________________________________
______________________________________________________________________________

List any scholastic honors you have received __________________________________________

Have you been elected to any school office (list)?

On what athletic teams have you played?
______________________________________________________________________________

Other activities in which you have participated.  ______________________________________
What recreational activity or hobby outside of school interests you most?
________________________________________________________________________________

Have you received any special recognition outside of school?
________________________________________________________________________________

Have you participated in any community volunteer activities?
________________________________________________________________________________

Undergraduate (Current Status)

Freshman ___ Sophomore ___ Junior ___ Senior ___

If a senior, will you be attending graduate school next year? Yes ___ No ___

Name of college or university now attending
________________________________________________________________________________

Will you attend this school next year? Yes ___ No ___
New school ____________________________

State what major you are taking in College:
________________________________________________________________________________

What professional career do you intend to follow?
________________________________________________________________________________

Include a transcript of your college grades and/or your high school record (the latter is most helpful if you are in your first year of college).

It is important that two letters of recommendation from faculty members, in support of your application be requested by you and sent directly to the SGS Scholarship Committee. The Committee must receive these references no later than April 9.

SAT Test Scores: Math _______ Verbal _______ Date _________ ACT Test Score _________ 

Have you taken the GRE? _________ Your scores __________________

List any scholastic honors you have received _______________________________________

Have you been elected to any school office (list)? ____________________________

Other activities in which you have participated. ______________________________________

What recreational activity or hobby outside of school interests you most?
________________________________________________________________________________
Have you received any special recognition outside of school?
________________________________________________________________________________
______________________________________
Have you participated in any community volunteer activities?
________________________________________________________________________________
______________________________________

Graduate (Current Status)

M.S. ____  M.A._____  Ph.D. ____

Name of university now attending
______________________________________________________

Will you attend this school next year? Yes ___  No ___
New school ________________________________
State what major you intend take in College: ________________________________

What professional career do you intend to follow?
________________________________________________________________________________
______________________________________

When do you plan to receive the ___________ Degree?  ___________________

Include a transcript of your grades for your college career.

It is important that two letters of recommendation from faculty members, in support of your application, be requested by you and sent directly to the SGS Scholarship Committee. The Committee must receive these references no later than April 9.

What are your scores on the GRE test? ________________

List any scholastic honors you have received
________________________________________________________________________________
_____________________________________________________
Have you been elected to any school office (list)?
________________________________________________________________________________
Other activities in which you have participated.
________________________________________________________________________________

What recreational activity or hobby outside of school interests you most?
________________________________________________________________________________

Have you received any special recognition outside of school?
________________________________________________________________________________

Have you participated in any community volunteer activities?
________________________________________________________________________________
Section Three: Financial Information

Indicate Person who furnishes your principal financial support:
Father ___  Mother ___  Guardian ___  Spouse ___  Self ___

Are you a previous SGS Scholarship Recipient?  Yes ___  No ___  If so
_______________________
(School Year)

How do you plan to finance your education?

List any jobs held in the last three years. An attached resume would be desirable.

List all scholarships that you have been awarded including the value of each.

Briefly list and explain any time gaps that may have occurred in the pursuit of your education, i.e., full time employment, armed forces, etc.

Please furnish additional information, which you feel the Committee should have in considering your application (i.e., resume, personal statement).
Advertiser Index

Geophysical Pursuit Inc........................................Pg 2
CGG........................................................................4
Fugro Robertson......................................................8
Fugro Airborne Surveys.........................................10
Al Brown..............................................................10
WesternGeco.........................................................11
Baker Atlas..........................................................12
Seismic Exchange Inc.............................................13
Shell ......................................................................13
Chevron..............................................................16
Schlumberger.........................................................17
PGS Onshore........................................................18
TGS NOPEC..........................................................19