

JUNE 2005

JULY 2005

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
			1	2	3	4							1	2
5	6	7	8	9	10	11	3	4 Happy 4th of July!	5	6	7	8	9	
SEG EDUCATION WEEK							10	11	12	13	14 GSH BOARD MTG.	15	16	
12	13	14	15	16 SIPES	17	18	17	18	19	20	21 SIPES	22	23	
19 Happy Father's Day!	20	21	22	23	24	25	SALTWATER TOURNAMENT							
26	27	28	29	30			24 /31	25	26	27	28	29	30	

AUGUST 2005

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3	4	5	6
7	8	9 NEWSLETTER DEADLINE	10	11 GSH BOARD MEETING	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27 SPORTING CLAYS TOURNAMENT
28	29	30	31			

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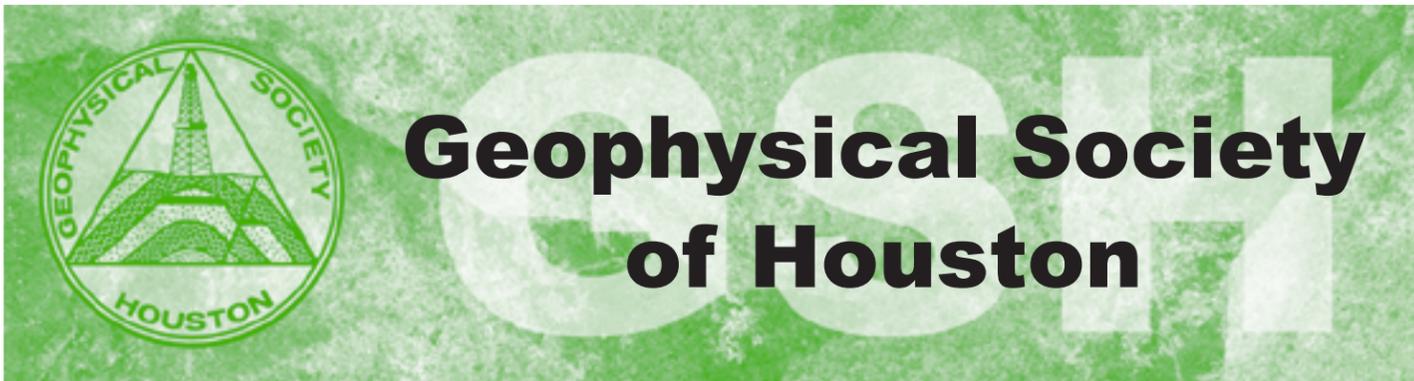
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Geophysical Society of Houston

VOL. 39, NO. 10

NEWSLETTER

June/July/August 2005

History of GSH

A limited run of a print version of the GSH Yearbook is in the works. If you would like a copy, reserve yours now by calling the GSH office. The pricing had not been set at the time this went to press but it will be nominal.

The following is an excerpt and summarizes the history of our Society:

History

The origin of the Geophysical Society of Houston dates back to the fall of 1947. On October 7 of that year, Walter J. Osterhoudt was named as temporary Chairman of a Constitutional Committee and Dr. E. E. Rosaire was made Chairman of a Nominating Committee. At 4:00 p.m. on Thursday, November 20, 1947, 108 geophysicists met in the Houston Engineers Club to form what was then called the Houston Section of the Society of Exploration Geophysicists (the name was not changed to the Geophysical Society of Houston until about ten years later). The meeting was called to order by Dr. L. W. Blau who presented the proposed constitution and Dr. Rosaire read the list of officer nominees. The constitution was accepted and Walter

History of GSH continued on page 5.

The Merry Month of May

This is a collection of items from last month:

Honors and Awards

George Marion expresses his thanks to the Kelman team for their role in a successful Honors & Awards Banquet. George notes that they pulled the event together. He notes that Kelman sponsored or covered more than 15 % of the cash cost, plus he saw at least three Kelman employees working the event.

Thanks on behalf of the GSH to the folks from Kelman for the significant amount of time (company and personal time) they put into organizing the event.

Look elsewhere in the Newsletter for photos from this event.

Annual Meeting and BBQ

Clear skies and good company welcomed those who attended this event at the Farm and Ranch center. Look elsewhere in the Newsletter for photos.

President's Column

by Steve H. Danbom, President-GSH

"That Was the Year that Was"



Anyone that can recall the BBC television program, "That Was the Week that Was" - "TW3" for short - is probably showing their age...like I am. This show may have been the template for news programs like "20/20" or "Dateline" today, less the famous British satire.

In "TW3", if I can recall from forty-years ago, the week's world-news events were encapsulated into a one-hour review with certain categories (e.g., financial, people, politics...) regularly used to organize the information. My last President's Column will attempt to use this same format to discuss this past year at GSH.

PEOPLE - An organization like GSH is successful (or not) largely through the functioning of its committee structure and the people who populate these committees. During my tenure, most committees seemed to work very well. Two example committees that continued to stand out were Membership with

President's Column continued on page 11.



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Golf Tournament	George Lauhoff	281/275-7623	281/275-7550	glauhoff@fairfield.com
Salt Water Tournament	Bobby Perez	281/240-1234	281/240-4997	r_perez@seismicventures.com
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Web Notes by Dave Crane, Webmaster



The 2004 HGS/GSH Membership Directory Will Be in Electronic Format Only

The 2004 HGS/SGH Membership Directory was created from the office database on March 23, 2005. Copies will not be mailed to the membership. Instead, the directory will be available in Adobe PDF format on the HGS and GSH Websites and can be downloaded by active members. Active members are those current in their 2003-2004 dues and a few others, like Honorary (Life) members.

Information on how to download the directory is available only to active members. They should log in and go to <http://gshtx.org/Directory> to find the necessary links. Non-members cannot access the pages that explain how to download the directory, nor can they be found using Google.

If members want a printed copy, there are several options:

1. They can download the file from the Website and print it on their own printer. This is not the best choice because the Directory is 337 pages.
2. Members can also copy the file to a CD or other portable memory device and take it to a print shop, like Kinkos, where they can get it printed on a high-speed printer and even have it bound if they like.

Members are not to make copies of the Directory for non-members or anyone else. Non-members should be encouraged to join the HGS to get a copy of the Directory and members are encouraged to make frequent use of the Website.

For those members who have no Internet access, the HGS/GSH office will provide a "loaner" copy of the Directory on CD that they can take to a print shop, get a paper copy made, and then return the CD to the office within a week. Just go by the HGS office and checkout a copy. Since only a limited number of CD's are available, members are also permitted to make a copy of the CD, for their personal use only, either from the loaner or the downloaded copy.

In addition to the annual directory format, there is a member-lookup facility on the Website that is available to any registered user. That information is more likely to be current than the annual directory; members are encouraged to keep their contact information on the Website up to date. Changes made in member records on the website will immediately update the office records, and vice versa, but will not change the annual directory until the next publication cycle.

No. of Issues:	1/8 pg.	1/4 pg.	1/2 pg.	full page
1	\$125	\$200	\$400	\$750
2	\$208	\$335	\$660	\$1250
3	\$278	\$448	\$880	\$1670
4	\$348	\$560	\$1100	\$2090
5	\$425	\$680	\$1360	\$2515
6	\$490	\$782	\$1565	\$2935
7	\$560	\$895	\$1790	\$3355
8	\$630	\$1008	\$2016	\$3780
9	\$700	\$1120	\$2240	\$4200
10	\$735	\$1175	\$2350	\$4400

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713/463-9477

Membership Committee Report

Effective May 2, 2005

Active

- James Gary Carver, Fairfield Industries
- Richard S. Day, ConocoPhillips
- David L. Franklin, Marathon Oil Company
- Eric C. Nessler, GX Technology
- Jeff Reagan, RGS
- Gregory M. Rogers, Meridian Resources
- Selim S. Shaker, Geopressure Analysis
- Derek Skoyles, Spectrum Energy & IT Inc.
- Alex D. Bridge, Devon Energy
- Laurent Duchatel, Landmark Graphics
- David G. Liebmann, ChevronTexaco
- Tim Maciejewski, ChevronTexaco
- Bruce VerWest, Veritas Geoservices

Associate

- Louis Herbert, ChevronTexaco
- Tom Pierce, Tidelands Geophysical
- Kurt Rippelmeyer, Collarini Energy
- Debashish Sarkar, GX Technology
- Mai Yang, Kerr-McGee
- Syed Zaman, Echo Geophysical Corporation
- Wendy Church, MKM Engineers, Inc.
- Jernsletten, Joern A
- Alex Krueger, WesternGeco

Active	1057
Associate	347
Comp	22
Emeritis	60
Honorary	30
Life	32
Student	14
Total	1562

(Includes today's new members)

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- remotely across the Web (internet)

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Editor's Note

To insure your information reaches the GSH society members in a timely manner it must appear in the appropriate newsletter issue. Please note the following deadlines and plan your function's publicity strategy accordingly. Items must be received on or before the corresponding deadline date. Please send any obituary or memorial articles of recently deceased members to the Editor for inclusion in the newsletter. Materials can be emailed to John Sumner at sumnergeo@gmail.com with a copy sent to Fernanda Araujo at fernanda.v.araujo@exxonmobil.com, and Glenn Bear at glenn.w.bear@exxonmobil.com. If you have any questions please call John Sumner at 713/666-7655, Fernanda Araujo at 713/431-6126, or Glenn Bear at 713/431-6583.

2005 GSH Newsletter Deadlines

Issue September 2005
Deadline..... August 9, 2005

Issue October 2005
Deadline..... September 8, 2005

Announcements

Saltwater Tournament

June 25, 2005

July SIPES Luncheon

July 21, 2005

SIPES Continuing Education Symposium

September 13, 2005

Sporting Clays Tournament

August 27, 2005

August SIPES Luncheon

August 18, 2005

Auxiliary

Take this Home - The Geophysical Auxiliary of Houston Happenings

The GAH Annual Business Meeting and Luncheon was held on Thursday May 19th at Carmelo's Restaurant located at 14795 Memorial Drive. Auxiliary members and guests enjoyed a delicious luncheon of Salad, Rollatini di Pollo and a very special selection of five desserts. Our guest speaker was one of our favorites; Valerie Koehler of Bluewillow Books. Valerie provided us with the latest information on popular books for a summer of reading in the sun. As books were the focus of the day, many lucky ladies went home with some unexpected reading as several terrific books were given away as door prizes. We also collected donations of items for the Ft. Bend Women's Shelter. It was a pleasure to welcome our new GAH Board and Committee Chairs: *President* - Lynn Schoenberger, *1st Vice President* - Susan Bell, *2nd Vice President* - Kathi Hilterman, *Secretary* - Mary Elizabeth Sims, *Treasurer* - Pat Abercrombie, *Historian* - Judy Brett, *Newsletter Editor* - Joyce Gore, and our *Directors* Louise Andrews, Charlie Dial, and Phyllis Winborn. Chairperson Luann Cefola thanks her co-chairs Kathi Hilterman and Lynn Schoenberger as well as all the ladies in attendance for a wonderful event. We also send our sincere thanks to our outgoing Board Members for a great year!

The 75th Anniversary Meeting of the SEG will be here in Houston from November 6-10, 2005. As the Host(ess) organization, we are proud of the program we are developing for our Diamond Jubilee. We look forward to welcoming SEG Spouses to Houston, the birthplace of SEG. Don your "**Denims'n'Diamonds**", come celebrate the 75th Anniversary of the founding of the Society of Exploration Geophysicists and let us show you some Houston Hospitality. Please keep Tuesday November 8 open on your calendars as we have planned a full day of fun for our ladies. Your options will include workshops, jewelry vendors, games, door prizes and a wonderful luncheon. The much anticipated Spouse's Luncheon this year will feature **Cathy Fitzpatrick**, a One Woman Fashion Extravaganza. Cathy will model the latest "musts" and also tell us about the fashion faux pas for our different or less than perfect figures. She must be seen to truly understand the impact that this dynamo can have on you and how you view your wardrobe. Learn the little tricks that will let you update your image. As always, a highlight of the luncheon will be the awarding of door prizes. We think we have some very special surprises in store for you this year. Our Hospitality Suite will be open each day to come and meet old friends and make new ones. There will be a complimentary light breakfast each morning, and refreshments available throughout the day. Our Suite will also feature vendors selling those "special somethings" that will help make your visit even more memorable. Each day will have its own character. There will be free seminars on a variety of topics. Our Programs include, a speaker on digital photography, a demonstration by the hotel chef, a discussion of new books for the holidays, a seminar on nutrition and exercise, a talk on setting a "table-scape" and gardening tips for the novice as well as master gardener.

The Geophysical Auxiliary of Houston invites the wife of any present or past member of the GSH or SEG, the widows of former members of the GSH and SEG, and women members of these organizations to join us and become a member. Our Membership Chairperson, Kathi Hilterman, wants to hear from you! We will begin planning events for your enjoyment and yearly dues are only \$15.00. We are looking forward to next years events and would welcome you to join us. *Call now and don't miss out!* Call Kathi at 713-467-2599 or GSH Liaison, Luann Cefola at 281-759-7338 for a membership application and information on how to join.

Election Results Are In!

*Congratulations to the new
2005 / 2006 GSH Officers!*



Pat Peck President
Kathy Hardy President-elect
Jim DiSiena First VP
Ken Nixon Second VP



Bob Wegner Secretary
Scott Singleton Treasurer
John Sumner Editor

Their term in office will start on July 1, 2005.

POTENTIAL FIELDS MEETINGS

*The following dates
have been
requested for the
Potential Fields Group
Bi-monthly meetings:*

September 15, 2005
November 17, 2005
January 19, 2006
March 16, 2006
May 18, 2006

75th Celebration

by Tom Fulton

I am planning for Decade & Geoscience History Booths, and attempting to get an idea of both what to put in each and at the same time try to put an approximate date to many of our hardware items lacking dates. My thought is that a Decade Display should contain hardware, pictures, and miscellaneous items to bring back memories. The 50's will have a Decade booth and will also be represented in the GH Booth with the data recording setup. The GH will also highlight the collection of geophones, and other hardware/interpretation aids showing the progression of technology.

Example Decade

Hardware for 20's Mintrop, Petty, GRC

Pictures—Courtesy SEG

Miscellaneous for 30's Copy of first Geophysics, copies of reports from seismic companies started in that decade, Fan shooting display etc.

Miscellaneous for other decades might include a noise analysis, passport showing us as 'Computers', a hand crank computer, deck of punch cards, etc.

Because of your superior knowledge of history, I would like your help in determining the date of some hardware. For example, when was the last item identified as GRC built? Are there any specific items that you feel should be included in a Decade?

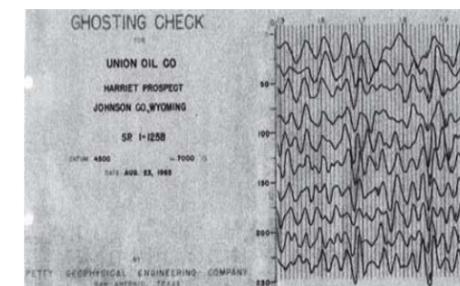


Museum News by Tom Fulton



Broom stik and surface charges, deconvolution, and ghosts all have something in common, the desire for greater resolution. Geophysicists realized in the 50's that energy traveling upward from dynamite in a shot hole was reflected back downward from the base of weathering and surface to complicate reflections. Surface sources such as Poulter's air shots (dynamite was placed on sticks above the ground), no flash and plowed in primacord, Dynoseis, Vibroseis, and the thumper produced very little ghost energy. One determined the presence of ghosting in an area by a hand tracing of a particular trace from the several records of an uphole survey. One time aligned a dominant reflection and looked for an event whose arrival time separation from that reflection increased with charge depth. This was called ghost analysis. An example from a Petty Crew is shown below. This is only a portion of the record. The evidence of ghosting is apparent although perhaps not the best example (I had to choose from only two or three).

The concern to both eliminate both the ghosts and increase resolution led Silverman at others at Amoco (then Pan Am) to generate the novel Broom Stik charge. The idea was to design a source whose detonation velocity matched that of the shot hole formation. One wanted the detonation front to act like a small charge, known to have higher frequency than larger charges yet have the energy of a large charge. An additional benefit was to eliminate the ghost. One matched the velocity of the shot hole by winding a spiral of primacord having a velocity of 22,000'/s with a pitch designed to produce a velocity of 5500'/s, 6000'/s etc. The primacord was wound into grooves machined into a wooden dowels or broom sticks about 5 feet long. Research was necessary to attempt to keep the wood dry as the properties of wood change drastically under high water pressure. We tried to seal the charge with tape, impregnate the wood with paraffin etc. with limited success. Our tests also involved measurement of the detonation velocity to make sure that the charges detonated as



per design. We even looked at the ghosts by detonating the charge upward. The charge was licensed to Davis Equipment and used for a time by the industry.

Deconvolution was designed to remove a periodicity in marine areas which was a function of the water depth with energy trapped between a gassy mud and the air water interface. The process "de-tuned" SINGING RECORDS. It also aided in the reduction of Ghost energy. There are three personal tie-ins here as an Article by Levin describes the problem found in Venezuela, my meeting Milo Backus when I returned from Venezuela in '53, and later working with Sven when he joined Amoco in about 1960.

SEG Forum on Land Seismic September 18 - 21, 2005 Gulf Hotel Bahrain, Manama, Bahrain

Substantial oil and gas potential and proven reserves onshore guarantee that land seismic will be a major factor in securing the supply of vital energy to the world. Land seismic presents some unique challenges that deserve special attention. From acquisition to interpretation, seismic on land requires different thinking and processes than marine seismic. For this reason, SEG is launching this new Forum to focus on seismic land issues. The goal

of this applied Land Seismic Forum is to bring geoscientists together to promote research, development and innovation in this area. Participants will focus on discussing solutions, sharing and exchanging important ideas to meet the specific challenges of land seismic technology.

The forum will take place 18-21 September 2005 at the Gulf Hotel

Bahrain in Manama, Bahrain. The topics will include: Acquisition (Geometries and sampling, etc.), Acquisition (Sources and receivers, etc.), Near Surface, Land Multiples, Imaging and Interpretation, Signal Enhancement, and Multi-Component Imaging.

Please visit: <http://seg.org/meetings/landseismic> for more information on the forum.

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History of GSH continued from page 1.

Osterhoudt was elected the first President of the Section. On December 2, 1947, the Executive Committee of the Houston Section prepared a formal petition for the local section and the formal charter was issued on February 14, 1948. The first technical paper presented at a Houston Section meeting was presented by Wallace C. Thompson on January 16, 1948 and was titled "Geophysics and Geology of the Discovery of the Esperson Domes".

On May 28, 1948 the first annual meeting was held at the College Inn and the following excerpt from the proceedings is of particular interest "Following the dinner, the newly elected officers were introduced and installed in office. In mock ceremony, each retiring officer presented to his successor his symbols and equipment of office. The new Treasurer received a shell game to guess where the funds to run the Society will come from; the new Secretary was given a stock of worn out pencils and a supply of fine stationery rolled in its usual form. The Second Vice President, who is the entertainment chairman, received a set of comic books, broken phonograph records, etc.; the new First Vice President, who is program chairman, received a comprehensive list of all people in the area who might be called to write papers for SEG - the Houston telephone directory. The new President was presented with a bottle of SEG soft soap, the president's needle, chisel and eight pound steel maul for a gavel. Of course, each new officer received generous advice."

Currently the symbol of authority which is passed to the new president at the annual meeting in May is a gold painted spade, upon the handle of which are listed all of the Society's past presidents.

Initially, meetings were held in the evening at the Engineers Club and later, as the membership grew, meetings convened in the afternoon at the Carter Music Company auditorium. Rapid growth of the Section occurred in the late 1940's when luncheon meetings

were inaugurated in downtown Houston hotels. The old Rice Hotel was the usual meeting location until its closure in March, 1975. We can be assured that we will never again see the \$1.50 lunch price which the Rice Hotel charged during the mid-1950's. Following the closing of the Rice, various facilities were used in various locations around the city until the Board of Directors, in 1992, chose to locate in Houston Engineering Scientific Society (HESS) - the modern name of the Houston Engineers Club where the Geophysical Society of Houston originated. For a while after 1982, the GSH promoted service companies as sponsors of the bar at luncheon meetings, but the liability assumed by such an arrangement under the "Texas Dram Act" prompted this to be discontinued. Currently, meetings begin in September with the "Ice-Breaker" and continue on the third Monday of the month through April and end in May with the Annual Awards Dinner and the Annual Meeting at which the officers for the following year are installed. The Society's December activity has become the highly enjoyable Christmas Dinner Dance.

GSH membership has grown considerably over the years. From the slightly more than 100 original founders the level increased in 1957 to about 700 members and held relatively consistent through 1966. The Society then grew at the steady rate of about seven percent per year until 1979, when it had about 1600 members. Increased activity in the geophysical industry in 1981-82 accelerated the growth of GSH membership and then modest growth continued until a membership of roughly 2,100 was reached, making the GSH the largest SEG Section in the world. Although that distinction is still true, the industry collapse in the later 1980's has resulted in a reduction in membership to its current level of slightly over 1,700.

The GSH is honored to have among its members many who have made substantial contributions to the industry

and the SEG. At the time of this writing, the GSH has counted among its members, seven Life members of the SEG, 21 Honorary members of the SEG, Five Kaufmann Gold Medal winners, Five Reginald Fessenden Award winners, Three Maurice Ewing Award winners, 21 former SEG Presidents, and 12 former Editors of Geophysics. The vitality of the GSH is well represented by the honors bestowed upon our members.

In 1980, the GSH was honored to hold the 50th Annual SEG meeting and selected "Geophysics: A Half Century of Progress" as the theme for the meeting. It was most appropriate that the Houston section, as a major element of the SEG was awarded this honor. The 56th Annual SEG Meeting was held in Houston in 1986 and the 61st meeting in 1991. This meeting adopted the popular theme of "Come Home to Houston" and a technical theme of "New Signals in Exploration". This annual meeting attracted over 10,700 delegates from 55 different countries, 339 exhibiting companies occupying 1,171 booths and created a net income of an all time high of \$1,547,640 for the SEG.

The yearly functions of the Society are varied and designed, as our Articles of Incorporation states, "...to promote the science and profession of geophysics, (and) to foster fellowship and cooperation among all persons interested in geophysics..."

An important aspect of the GSH has been in the educational area whereby technical advances and information are made available to the members. The luncheon meetings have usually included a presentation on a current geophysical or Geophysical subject and since 1968 there have been 16 symposia sponsored by the Society on topics of timely interest. They have included such subjects as Direct Hydrocarbon Detection, Velocity, Interpretation, Migration,

History of GSH continued on page 8.



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President's Column continued from page 1.

Chairperson Claire Bresnahan and Salt Water Tournament chaired by Bobby Perez. It was also nice to have a succession of SEG Presidents from the Houston Section during this time period, Peter Duncan followed by Craig Beasley.

became more mature during this year and is rapidly becoming the tool we hoped it would be when the GSH Board agreed to undertake its construction one year ago.

the purpose of celebrating 75 years of the SEG at a place not far from the original organizing meeting in 1930. It was a particularly satisfying meeting - complete with 170 persons attending in a beautiful location for an outstanding occasion.

EDUCATION - For our regularly scheduled Technical Luncheons, we serendipitously developed a series of meetings for the consecutive months of January, February, and March on the same general topic, "Spectral Decomposition." I have to say that this "series concept" might need to be considered by next year's board because the attendance for the three events was the best for the entire year.

MEETINGS - Two meetings come to mind immediately. The 2004 DISC was offered in January of 2005 at the Hilton Americas with over 250 people attending. Paul Weimer was the proverbial and energetic "Pink Bunny" from 8 AM until 5 PM showing a professional mix of information and illustrations about deep-water depositional settings that made the event as good as it can get. The food at lunch was also spectacular. The other meeting particularly noteworthy was the March 11th meeting at the Houston Club (organized by Lee Lawyer) for

FUTURE - I see another good year on the horizon for GSH members, especially with the 75th SEG being held in our home town and the current economic upturn reminiscent of the heady days of the late 70's when \$100/bbl oil was discussed as a distinct possibility. However, given the recent IT economic boom that was followed by a bust as people overextended, I would like to replace "heady" with "halcyon" - may this be a halcyon future, full of peace and prosperity.

COMMUNICATION - Our interactive GSHTX.ORG website



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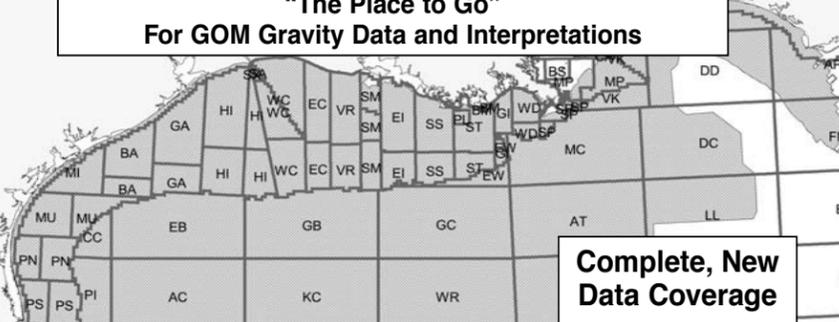
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5th ANNUAL GSH/HGS SALTWATER TOURNAMENT

Saturday, June 25, 2005
Teakwood Marina, Village of Tiki Island
Galveston, Texas

This year's Fishing Tournament will be held on Saturday, June 25 at the Teakwood Marina, Village of Tiki Island, Galveston, Texas. We are looking forward to a big event this summer and we encourage full family participation.

Trophies will be awarded for the heaviest individual Redfish (Non-Tagged), Speckled Trout, and Flounder for the Anglers, Junior Anglers, and Lady Anglers. Trophies will also be awarded for the heaviest individual Stringer - 1 Redfish, 3 Speckled Trout, and 1 Flounder.

Registration fee includes: launch fee, GSH/HGS Fishing Cap, Fish Fry meal after weigh-in, refreshments, Trophies, and DOOR PRIZES. For more information, please contact:

Bobby Perez (HGS & GSH) 281-240-1234 ext. 219 Office
 281-240-4997 - Fax 281-787-2106 - Cell 281-495-8695 - Home
 E-mail addresses: rdphth@aol.com or r_perez@seismicventures.com

The Geophysical Society of Houston and the Houston Geological Society are non-profit organizations serving the Geophysical Industry. Corporate and individual contributions are appreciated and will be acknowledged on several sponsor boards and banners at the weigh-in station and marina. All contributors will be recognized in their respective organization newsletters following the tournament. This is a great way to entertain friends, family, business associates, and clients. So spread the word!

GSH/HGS SALTWATER TOURNAMENT

NAME: _____ COMPANY: _____

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PHONES: (H) _____ (B) _____ (C) _____

E-MAIL ADDRESS: _____

Upon receipt of the Registration form, each participant will be provided with a copy of the specific tournament itinerary and rules sheet by e-mail. Please register EARLY.

Please return this form with your check for \$60.00 per contestant payable to:

GSH/HGS SALTWATER TOURNAMENT and Mail to:
 Ms. Joan Henshaw, 10575 Katy Freeway, Suite 290 • Houston, Texas 77024

Registration Fee: \$ _____ + Sponsor Contribution: \$ _____ = TOTAL \$ _____

DISCLAIMER:

I acknowledge that neither the Geophysical Society of Houston nor the Houston Geological Society will be held responsible for injury or accidents during this event. **PRACTICE SAFETY!!!!**

Signature: _____

Energy Sources, Seismic Inversion, and Sub-Salt Imaging. Many of the Continuing Education Series Program sponsored by the SEG also have been presented in Houston and supported by the GSH. Beginning in April, 1985 an annual SEG Gulf Coast meeting was organized to complement the efforts of the SEG Convention in educating our membership. This meeting is held in coordination with other Gulf Coast sections and rotates between them.

Another means of broadening our educational efforts has been through the activities of special interest groups. In early 1974, the Potential Field Group and the Geophysical Data Processing Group were formed within the Society to promote these areas of expertise. In 1984 a third special group was formed dedicated to the interest of microcomputers in geophysics. The recent addition of the Environmental Applications Special Interest Group has increased the number of SIG's to four. Each of these sub-groups hold semi-monthly meetings usually in the evening and present speakers on subjects of interest.

Over the years many types of social affairs have been held including parties, dances, golf and tennis tournaments, picnics, barbecues, dinners, and all the "fun" things doodlebuggers enjoy. The recent years have usually included a Christmas party as well as a barbecue in May, which also serves as the Annual Meeting. An Awards Dinner is held each spring at which Honorary and Life memberships in the GSH are presented, as well as Silver and Gold Certificates from the SEG. We are usually honored with the President of the SEG serving as guest speaker at that meeting. The social events of the Society have grown such that in 1984, the GSH held the largest single day golf tournament in the city.

In February of 1967, the Geophysical Auxiliary of Houston was formed by women whose husbands were members or who were themselves members of the

GSH. Their activities include several social functions each year and contributions to the Scholarship Fund, plus planning and coordination of the ladies program at SEG conventions held in Houston.

In 1981 the GSH received a bequest from the estate of Dave P. Carlton, a former President of the Society. The bequest was in the form of cash and stock and it is believed to be the first time a deceased member willed such a substantial amount to the society.

Using a part of the Carlton bequest, the GSH established a \$3000 per year SEG scholarship known as the Carlton Scholarship. The SEG scholarship program, which was initiated in 1956, is also supported by GSH with a \$1000 per year scholarship, which is specifically designated for a student who is a resident of the Houston area, and by a \$2000 per year scholarship in memory of W. Harry Mayne, a GSH member who contributed so much to our profession before he passed away on April 7, 1990. Since 1982, the GSH has provided 2 additional \$1000 scholarships bringing total GSH scholarship support to \$8000 per year. This active support of the geophysical industry and the Society of Exploration Geophysicists has resulted in the Geophysical Society of Houston becoming the largest of the SEG Section Trustee Associates, contributing through 1994 over \$23,000. Since 1959, the Society also has supplied financial assistance in obtaining college education to largely earth science students through interest-free loans. In addition, for many years members have given talks at local high schools on subjects relating to geophysics and have acted as judges for science and engineering fairs.

A museum containing geophysical instruments of historical interest is maintained by the Society. Collection of the first pieces of equipment began in 1961 and now comprises over 700

items, some dating back to the middle 1920's and contributed by over 50 companies. The original instruments were stored in garages, but in 1971 they were housed in a portable building located on the GeoData Services' property. The building, which serves as storage and workshop, was moved to the Geosource, Inc. facilities and in the fall of 1979 a permanent display of a portion of the equipment was installed in the lobby area at Geosource.

In 1989 through the generosity of Western-Atlas, GSH acquired the use of "weatherproof" quarters for restoring old equipment for display. The GSH has loaned some of the old instruments for the permanent oil industry exhibit section at the Houston Museum of Natural Science, as well as to the Smithsonian Institution and other museums. In 1993 industry change forces the GSH to find new quarters to exhibit the museum places and a permanent home was found in the Winship Building of the North Harris College. A reception in honor of the formal opening of the new museum was held March 3, 1994. The museum activity has incorporated as a 501(c)(3) organization under the name of the Geophysical Society of Houston Museum Foundation, Inc. and is currently active in providing the funding and manpower required to increase the museum and possibly establish a permanent, larger facility.

The GSH has operated as a non-profit organization since it was founded in 1947, and it was incorporated as a non-profit organization in the State of Texas effective February 16, 1981. Effective on April 30, 1993 the State of Texas issued a certificate to the Society designating the GSH as a foundation under Section 509 (A-2) of the United States Internal Revenue Code, making it tax exempt and providing that grantors and contributors to the GSH can deduct such contributions from their tax liabilities.



20th Annual GSH Sporting Clays Tournament

**Saturday, August 27, 2005
American Shooting Centers
16500 Westheimer Parkway**



This year's Sporting Clays Tournament will be held on the weekend prior to the Texas Central Zone Dove Opening Day at the American Shooting Centers. The tournament is a morning event (Check-in at 8:00am) and family members are welcome. Non-GSH members are eligible to enter, however pre-registration is required* as there will be no onsite registration. To speed check-in we will register teams* and captains will distribute cards and tickets from their packets.

The tournament is a **50 bird** event, designed to simulate actual field conditions. Good quality shells will be provided, however **you must bring eye and ear protection and attend the safety briefing.** Prizes will be awarded for shooting prowess in various levels of expertise. Door prizes (made possible through corporate and private sponsorship) will be awarded after the conclusion of shooting and BBQ lunch. Refreshments are available throughout the day.

Please ask your company to help sponsor this annual event. It is through the sponsor donations that we are able to have such good door prizes each year.

For more information, contact:

Alan Foley at (713) 526-6680 or alanfoley@aol.com.
Dietrich Landis (713) 784-5800 or dlandis@ecqc.com

* indicates change from 2004

GSH SPORTING CLAYS REGISTRATION FORM

Captain Name: _____ Team Name: _____

Email: _____ Phone: _____

Shooter 2: _____ Shooter 3: _____

Shooter 4: _____ Shooter 5: _____

Please return form(s) and pay \$75.00 per shooter, payable to: **Geophysical Society of Houston**

Mail to: **Joan Henshaw, GSH Office, 10575 Katy Freeway, Ste. 290, Houston, TX 77024**

Registration Fee: \$ _____ + Sponsor Contribution: \$ _____ = Total: \$ _____

Check-in by team (5 shooters max.), individuals register as captains and we will assign teams.

DISCLAIMER:

I acknowledge that neither the Geophysical Society of Houston nor the American Shooting Centers will be held responsible for injury or accidents during this event. PRACTICE SAFETY!!

Signature: _____ Date: _____