President’s Column

By Frank Dumanoir

Time Flies When You’re Having Fun!

It’s already been nine months since I wrote my first newsletter column as this year’s president. It seems like just yesterday!

In that short time we have witnessed a most dramatic shift in the world’s economic fortune. As with all major “seismic shifts” the impact has been felt by all business sectors. What started out as a “financial meltdown” has now spread and is affecting all aspects of business including manufacturing, energy resource management and, closer to us, the search for and production of hydrocarbons.

There seems to be little doubt that we will have to adjust to these new economic realities and plan for them accordingly. The optimists among us (I count myself as one of them) will see this as an opportunity to rethink how we approach problems and hopefully come up with better ideas and solutions.

When the current board took office, we hoped to improve on traditional GSH offerings, initiate new events, improve membership communications, and grow the membership database. This has been and continues to be our priority. As our membership grows, we can all be proud to have a more active and engaged membership.

When it comes to our technical and professional activities, we have held our annual GSH/HGS Saltwater Tournament and the GSH Sporting Clays Tournament.

SIPES Independent’s Day Celebration is scheduled for Friday, July 17, 2009.

The 24th Annual GSH Sporting Clays Tournament is scheduled for Saturday, August 22, 2009.

OTHER DATES TO REMEMBER

- Hurricane Season Begins
- Father’s Day
- Summer Solstice Begins
- SIPES Independent’s Day Celebration – FRIDAY, JULY 17, 2009
- 24TH ANNUAL GSH SPORTING CLAYS TOURNAMENT – SATURDAY, AUGUST 22, 2009

President’s Column continued on page 16.

Technical Luncheon

Date: Thursday, June 18, 2009
Time: 11:30 a.m. - 1:00 p.m.
Location: Petroleum Club of Houston
800 Bell St., Downtown Houston, Texas 77002

*This presentation has been approved by the Texas Board of Professional Geoscientists to Satisfy the 2009 Ethics Requirement to Maintain License Certification. Use the http://www.gshtx.org/en/cev/545 web address to register for this event.

Title: The Ethics of Licensed Geophysical Data: The Data Owner’s Investment, Rationale and IAGC’s Code of Practice

Speaker: Chip Gill, President, International Association of Geophysical Contractors

Abstract:
Seismic data is increasingly part of the everyday work of geologists and geophysicists, particularly in the petroleum E&P industry. This data is often accessible from company servers and from personal computers. It is easily copied into PowerPoint presentations, e-mail documents, or saved as screen capture or raster image files. Most scientists have never read the contracts that underlie licensing of seismic data, and have a range of understanding about the ownership agreements and appropriate uses of this data.

This presentation will focus on the ethics of using, reproducing, and presenting non-exclusive geophysical data. The types and uses of data, and its ownership and licensing, its history and inherent risk-reward trade-offs will be explained. Specific attention will be given to the ethical obligations by users of non-exclusive geophysical data, namely, what are users generally free to do with data, and what are they not free to do with it. When must permission be requested to present and reproduce the data, and when is this unnecessary? The

Inside This Issue

- SIPES Independent’s Day Celebration
- Sporting Clays Support Request
- Announcements
- Membership Report
- 2009 Science & Engineering Fair
- GSH/HGS Saltwater Tournament
- GSH Sponsor Request
- Calendar of Events

Hurricane Season Begins June 1st!

JUNE 2009

POSTMASTER: Send address changes to Geophysical Society of Houston Newsletter, 14811 St. Mary’s Lane, Suite 250, Houston, TX 77079.
Editor’s Note:
To ensure 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 Glenn Bear, editor, at glenn.w.bear@exxonmobil.com. If you have any questions please call Glenn Bear at 713/431-6583.

2009 GSH Newsletter Deadlines

Issue ........................................ August 2009
Deadline ................................... July 1, 2009

Issue ........................................ September 2009
Deadline ................................... August 1, 2009

Looking to Leave the Cubicle?
Looking to Profit from YOUR Success?

Come to the SIPES Shrimp Roll on Friday July 17th (5:30-8:30 PM) at Woodrow’s (Chimney Rock at Richmond) and see what being an Independent is all about.
RSVP Required: RSVP to corey@kiwienery.com by July 4th and the first two drinks and shrimp are on us!
Society of Independent Professional Earth Scientists

Sponsored By
KiwiEnergy

GHS MEMBERSHIP REPORT

As of May 5, 2009
Active 892
Associate 195
Emeritus 56
Students 8
Honorary 28
Lifetime 30
Total 1209

June 2009 Geophysical Society of Houston

Scott Mossman
smossman@edcon.com
Gravity and Magnetic Data Available
Call for a quote on data and interpretation services
303.980.6556

June 2009 Geophysical Society of Houston

3
9th ANNUAL
GSH/HGS SALTWATER TOURNAMENT
Saturday, June 20, 2009
Tackle Box Storage & Fish Spot Marina
4009 20th Street North, Texas City, TX
Galveston Bay Complex and Offshore

This year’s Saltwater Fishing Tournament will include an Offshore Division to be held on Saturday, June 20 at the Tackle Box Storage & Fish Spot Marina, Texas City, Texas. We are looking forward to a big event this summer and we encourage full family participation.

Galveston Bay Complex Division
Trophies will be awarded for the heaviest individual Redfish (Non-Tagged), Speckled Trout, and Flounder.
Trophies will also be awarded for the heaviest individual Stringer - 1 Redfish, 3 Speckled Trout, and 1 Flounder.

Galveston Offshore Division
Trophies will be awarded for the heaviest individual Red Snapper, King Mackerel, and Mahi-mahi.

Registration Fee ($60.00) 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: rdphtx@aol.com or r_perez@seismicventures.com

The Geophysical Society of Houston and the Houston Geological Society are non-profit organizations serving the Geosciences Community. Corporate and individual contributions are appreciated and will be acknowledged on several sponsor boards and banners at the Weigh-In Station and Marina. All contributions will be recognized in the GSH newsletter following the tournament. This is a great way to entertain friends, family, business associates, and clients. Spread the word!

GSH/HGS SALTWATER TOURNAMENT
NAME: ____________________________________________
COMPANY: _______________________________________
ADDRESS: ________________________________________________________________________________________________
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:
Geophysical Society of Houston (GSH) 14811 St. Mary’s Lane, Suite 250 • Houston, Texas 77079

Registration Fee: $ ___________  + Sponsor Contribution: $  ___________ = TOTAL $ ___________

DISCLAIMER:
I acknowledge that the Geophysical Society of Houston / Houston Geological Society will not be held responsible for injury or accidents during this event. PRACTICE SAFETY!!!!!!

Signature:____________________________________________
President’s Column continued from page 1.

communications with and expand our membership, and continue building ties with our sister societies. We have achieved some of those goals, implemented some that were started by our predecessors and laid the groundwork for others.

1st and 2nd VP-Elect positions on the board. With the current election of the 2009-2010 officers we will have two new officers on the board. It has been the general consensus of the most recent boards that it takes time to get up to speed once one joins the GSH board. The newly created positions will allow the VP-Elects to attend the board meetings and get a feel for the work to be carried out. This will increase continuity and provide backup for those times when the 1st or 2nd VP is absent. Remember that all GSH officers are volunteers and often have to balance work with GSH demands.

Technical Events: By any measure, this has been a very successful year in terms of the technical presentations that have been organized under the auspices of your 1st VP, Bill Fahmy and his committees. The “same talk – two locations” for the monthly Technical lunch was continued this year. The monthly Tech Breakfast has also been a resounding success. It has been common to see 60 to 80 geoscientists gathered at the site more user friendly and welcoming setting the criteria that we feel will make the site more user friendly and welcoming to our membership as well as interested observers.

There are many other society activities and events commented to me, one could go to Social Events: The main social events of the year are the GSH Newsletter, Call Lilly Hargrave for rates and information at 713-463-9477

Here’s My Card

Place your Business Card in the GSH Newsletter, Call Lilly Hargrave for rates and information at 713-463-9477

June 2009 Geophysical Society of Houston
June 2009 Geophysical Society of Houston

Guideline For Participation In GSH Support:

Please complete this form and mail it to the GSH office (address included below), Attn: Chairperson of Corporate Relations Committee (George Marion for 2009-2010)

Corporate Membership 2009-10
Annual Fee  $1,000.00 .................................................. $ ___________________

Sponsorship 2009-10
Bronze $500.00 to $1,999.00 ....................................................... $ ___________________
Silver $2,000.00 to $4,999.00 .................................................... $ ___________________
Gold $5,000.00 to $9,999.00 .................................................... $ ___________________
Platinum $10,000.00 and above ........................................................ $ ___________________

Newsletter Advertising 2009-10
Ad details (sizes, formats, text, graphics, deadlines) provided upon request.
Advertising Subtotal .............................................................$ ___________________

GSH Sponsor Logo on GSH Website Home Page with link to sponsor's website
One Year $1200.00
6 Months $  625.00
3 Months $  325.00
Website Logo .......................................................................$ ___________________

Totals: Membership + Sponsorship + Advertising + Website Total ................................................ $ ___________________

Please make payment to: Accounts Manager
Geophysical Society of Houston
14811 St. Mary’s Lane, Ste. 250
Houston, TX 77079

Questions and clarifications should be directed to: George Marion, Chairperson of GSH Corporate Relations Committee, at GSH address in header, via email to george@seisborg.com or via telephone at 713-408-0147 (cell)

24th Annual GSH Sporting Clays Tournament
Saturday, August 22nd, 2009
American Shooting Centers
16500 Westheimer Pkwy.

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 7:00am) 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 by the assigned captain who will then distribute shooting cards and tickets from the team packet to the members of his group.

The tournament is a 50 bird event, designed to simulate actual field conditions. Good quality shells will be provided, (12 or 20 gauge) however you must bring eye and ear protection and attend the safety briefing at 8:15am with everyone shooting at 8:30 am. 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. Last year we ran out of space so sign up now!! Sponsors will get priority as they are the backbone of this event!!

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

For more information, contact: Dietrich Landis (713) 824-7633 or landisd@rpsgroup.com
Steve Mitchell (281) 275-7650 or smitchell@fairfield.com
Peter Eick (281) 293-3387 or peter.eick@conocophillips.com

2009 GSH SPORTING CLAYS REGISTRATION FORM
Deadline 8/17/2009 or 230 max. entries

Captain Name: ___________________________ Team Name: ___________________________
Email: ___________________________ Phone: ___________________________
Shooter 2: ___________________________ Shooter 3: ___________________________
Shooter 4: ___________________________ Shooter 5: ___________________________
Credit Card #: ___________________________ Expiration Date: ___________________________

Please return form(s) and pay $90.00 per shooter, payable to: Geophysical Society of Houston, Attn: Sandra
14811 St. Mary’s Lane, Ste. 250
Houston TX 77079

Registration Fee: $ __________ + Sponsor Contribution: $ __________ = Total: $ __________

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

DISCLAIMER: Neither the Geophysical Society of Houston nor the American Shooting Centers will be held responsible for injury or accidents during this event. PRACTICE SAFETY!!
The Geophysical Society of Houston is holding the 24th Annual Sporting Clays Tournament on Saturday, August 22nd, 2009 at the American Shooting Centers, 16500 Westheimer Parkway. The tournament is a morning event, family and non-GSH members’ participation is encouraged.

The Geophysical Society of Houston (a Non-profit Organization) seeks contributions or donations of cash or items suitable to be awarded as door prizes from individuals or corporations who are friends of our Industry. Door Prizes, including shotguns and Academy gift certificates, will be given away at the end of the event. Recognition of your sponsorship will be on display at the event, announced before and during the awards ceremony, and listed in the next issue of the GSH newsletter, which will reach our membership of about 1200.

We appreciate the opportunity to talk with you about the Sporting Clays Tournament and look forward to your support. We recognize sponsors during the award ceremony after lunch. Sponsor categories are:

- **Sponsor Level**
  - **Platinum** - Above $1,600 includes Gold benefits
  - **Gold** - $1,100 - includes one team of shooters
  - **Silver** - $700 - includes two shooters and station sponsorship
  - **Bronze** - $250 - station sponsorship

- **Sponsored Item**
  - **Tournament**
  - **Course or Pavilion**
  - **Stations/Gatorade**
  - **Station**

In kind sponsors are recognized at the market value of their donation. For more information, please feel free to contact Dietrich Landis at 713-824-7633, Peter Eick at 281-293-3387, or Steve Mitchell at 281-275-7650.
Additional Information On GSH Support Opportunities:

(A) Corporate Membership Classification
Annual Fee: $1,000.00
Eligibility:
To be eligible for Corporate Membership, a corporation or organization must be actively engaged in geophysical exploration, geophysical research, or a related field furnishing services or products used in geophysical exploration or research, and must have an active interest in supporting the objectives of this Society.

Benefits:
* Yearly subscription to The Newsletter
* Listing on GSH web site’s exclusive Corporate Member page, including a link to your corporation’s website,
* Listing in the programs for Technical Luncheons, Distinguished Instructor Short Course (DISC), and Spring Symposium,
* Special recognition at the Annual Meeting,
* Right to publish affiliation with GSH and use of the GSH corporate logo

(B) Sponsorship
Sponsors will have their company logo included on an acknowledgement page in each issue of The GSH Newsletter, shown at each Technical Luncheon, DISC, Spring Symposium, and shown in the sponsor’s page online at www.gshtx.org. The size of the logo will be proportional to the size of the sponsorship.

(C) Usage of Funds by GSH:
All receipts pass through the General Operating Account for use in support of:
* Educational Presentations of Technology at Luncheon & Breakfast venues
* Educational Special Interest Group (SIG) Technology events
* Data Processing / Potential Fields / Rock Physics / Multi-Component
* Spring Symposium – an annual technical event
* DISC – SEG Distinguished Instructor Short Course, an annual event in technology

Note that the above listed professional education events qualify for PDH credits towards renewal of the State of Texas Professional Geoscience license administered by the TBPAG.

- Outreach Committee – advancement of earth sciences in K-12 (the future)
- Museum support
- Geoscience Day – (training for newly hired professionals)
- Scholarship – university education scholarships (through SEG)

Rest assured that these funds are put to good use to advance our industry, our local professionals and our society at large.

GSH Support Opportunities Continued on page 15.

Biography:
Chip Gill is currently the President of IAGC, a position he has held since 2001. Gill came to IAGC from IPAA, International Petroleum Association of America, where he served as Vice-President of Membership and Strategic Planning from the fall of 2000 until September 2001. In that position he managed all membership activities and the staff responsibility for IPAA’s NAPE relationship and involvement, including the development of an international exposition. Before joining either association, Gill served for seven years with Vastar Resources, Inc. in Houston, Texas as their Manager of Government Relations. He also served four years with Atlantic Richfield Company as their Director of State Government Relations. Gill got his start as a Rig Hand for Ard Drilling Company in 1977 and two years later he was a Senior Landman for ARCO Oil and Gas company. Gill holds a Bachelor of Business Administration in Petroleum Land Management from the University of Texas at Austin with an emphasis in Geology.
GSH Sponsorship Request

The Geophysical Society of Houston (GSH) offers many opportunities to support our professional Society as we endeavor to fulfill the responsibilities set forth in our mission statement. Our society’s primary focus is education, extending from industry professionals via technical lectures and symposiums to university scholarships (through the SEG) to K-12 Outreach. The GSH is a 501c(3) organization and Sponsorships are tax deductible.

The GSH is establishing an annual fund raising drive with the intent of centralizing support for the local technical events sponsored by the Society. The new annual fund will allow companies to plan for support during their annual budgetary cycles via any of the following mechanisms:

* Corporate Membership
* Sponsorship
* Advertising in the Newsletter and/or online at www.gshtx.org (GSH home page)

Your company may participate in any combination of the above to best fit your desired level of support. Consider one of each. You will find more details for each on the following pages, along with contact information.

Thank you in advance for supporting your local professional geophysical chapter.

Regards,
George E. Marion, Chairperson
J. Haynie Stringer, Co-Chairperson
GSH Corporate Relations Committee

See ‘Additional Information About GSH Support Opportunities on page 23.

Killer whales produce whistles, clicks, pulsed calls, low-frequency pops and jaw claps for two overlapping functions—to communicate and echolocate.

For years PGS has been communicating closely with operators in exploration basins worldwide to help locate new prospects, to expand production from existing ones and to lower finding and development costs. Recent significant successes from our depth imaging teams are giving geoscientists clear images by using state-of-the-art migration algorithms and advanced velocity model building workflows. To find out more about the bottom line benefits of PGS data processing, please contact Frank Dumanoir at (281) 509-8354.

A clearer image www.pgs.com

June 2009  Geophysical Society of Houston

June 2009  Geophysical Society of Houston
The GSH is an active supporter of the SEFH and participated in the fair March 13-14 at the George Brown Convention Center. This year the fair included over 1100 entries in 13 categories from the Junior, Ninth Grade, and Senior Division age groups. Schools represented were from the Greater Houston area. Category winners in the different divisions were selected to participate in the State Science and Engineering Fair.

The GSH was one of over 70 organizations that presented Special Awards. These awards are presented to students with outstanding projects in categories of special interest to each organization. In addition, through the GSH involvement with the Engineering, Science, and Technology Council of Houston (ECH), the GSH is sponsoring one of five interns at the Houston Museum of Natural Science this summer. An ECH judging team selected the finalists during the Fair. Serving as volunteer judges for the GSH were Steve Danbom, Stephanie Hrabar, and Bill Gafford.

In addition to providing judges, the GSH participated in a joint society (GSH, SEG & HGS) exhibit booth. HGS sponsored the booth and SEG provided the Youth Education backdrop and educational materials to give to the students. GSH Outreach Committee Chair, Lisa Buckner, coordinated the exhibit booth with the help of SEG’s Susan Henley and SEG Youth Education Committee Directors, Hermes Malcotti and John DeLaughter. We gave away 450 slinkies (used to demonstrate P&S waves), scaled Earth Models (mini Tootsie Pops), flexible flyers, geophysics career videos and other educational/career information to students, teachers, parents and siblings that visited the booth. Several students said they were very interested in a career in Geophysics. If you would like to inspire future geophysicists and join the fun at our next event, contact the GSH Outreach chairman Lisa Buckner at 713-609-4156 or lbuckner@hess.com.

The 2009 GSH Special Award Winners Are:

Junior Division, William Larsen, for his project in the Earth/Space Science category titled “Radio Rock”

Ninth Grade Division, Rowanne Conway, for her project in the Earth/Space Science category titled “Optimizing Radon De-Multiple Efficiency”

Senior Division, Justin Koch, for his project in the Energy/Transportation category titled “Earth, Fire, Air”

The winner of the GSH summer intern sponsorship at the Houston Museum of Natural Science is Srikrishna Raghavan, whose winning project in the Computer Science category was “Performance Analysis of the Walsh-Hadamard Transform.”

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