



## OCTOBER 2007 eBrief Print Version

### Headlines

#### [GPA Board says it's time to step up](#)

### Action Items

- A time for recognition – GPA Awards Program accepting nominations
- Venezuelan Gas Processors Association announces its Call For Papers

### Strategic Planning

- Technical Committee re-structuring updates
- GPA places an emphasis on education

### Tech Talk

- Get involved
- Technical sections' current activities
- Technical publications available for purchase
- Errata available for 2177-03
- Engineering Data Book Registration

### Job listings on the GPA/GPSA Career Center

### Reminders & Upcoming Events

- Please return 2008 Cooperative Research Program ballots today
- Sporting Clays sponsorship opportunities are still available for the 2008 GPA Annual Convention
- U.S. members: please return Demographics Survey to GPA as soon as possible
- Convention pre-registration to arrive in December

---

### **GPA Board says it's time to step up**

As many of you are aware, the Legislative and Regulatory Affairs Committee (LARAC) Strategic Task Force submitted a formal recommendation to the GPA Board of Directors that GPA take a more visible and proactive role in its efforts to support the ever-changing midstream industry. The primary actions required within the recommendations were: enhanced federal advocacy representation, more focused grassroots advocacy in the seven state midstream heartland (TX, OK, CO, KS, NM, WY, LA) and the addition of a full time staff person dedicated entirely to legislative, regulatory and safety issues.

Since the approval of the new position at the June board meeting, GPA offered to fund the additional staff person by re-directing current resources. At the October board meeting, the Executive & Finance Committees recommended that GPA ballot our members to increase annual dues in order to sustain the new staff function and achieve the stepped-up state and federal advocacy initiatives. The motion was unanimously carried to ballot GPA members for a dues increase in order to meet those goals.

Over its 86-year history, GPA has been successful in managing industry affairs with a small professional staff and a corps of dedicated volunteers from member companies serving on committees. But with today's more diverse membership that transcends every boundary of the midstream industry and regulatory matters that change hourly instead of monthly, now is the time to properly finance the premier gatekeeper for our industry – GPA.

To approve a dues increase of any kind, it must ultimately be voted on by GPA membership through a formal ballot process. GPA members will receive a ballot package with additional details next month.

As an association, we have to pull together to make this successful. We appreciate your support and encourage you to contact us with questions.

---

## ACTION ITEMS

### A time for recognition – GPA Awards Program

The GPA Awards Program is one of the most visible means by which the association meets an obligation "to more fully develop the gas producing and processing industry." These awards are also tangible, public evidence of appreciation by the industry, the association and industry colleagues to those individuals who have contributed significantly to the advancement and development of the light hydrocarbons industry.

This is an invitation for you to submit nominations for the Awards that will be presented at the March 2008 GPA convention. **Nominations for any award category may be submitted at any time by anyone associated with the gas processing industry.** However, to assure consideration for next year's presentation, nominations should be received no later than Nov. 15. For additional information, including past recipients, go to <http://gasprocessors.com/awards.html>.

The nomination should be submitted to Johnny Dreyer and must contain the nominee's biographical information and a detailed summary of the achievements and/or industry contributions appropriate for the particular award category:

- o [Hanlon](#) - is the most prestigious recognition of GPA and highest honor of the gas processing industry. It is one of the ranking awards of the petroleum industry.
- o [Katz](#) - recognizes outstanding accomplishments in gas processing research and technology and for excellence in engineering education.
- o [Citation for Service](#) – awards individuals who have made significant contributions to the advancement of the gas processing industry, usually through the GPA organization or its committees.
- o [Recognition](#) – honors those whose careers include a long association with the gas processing industry whose relationships have been marked by the integrity and cooperative spirit that is characteristic of the gas processing fraternity.
- o [Committee Leader of the Year](#) – recognizes outstanding leadership of a GPA committee or subcommittee, which has led to the advancement of the gas processing industry during the previous year.
- o [Committee Volunteer of the Year](#) – honors outstanding committee participation and significant contributions to the advancement of the gas processing industry during the previous year.

### Venezuelan Gas Processors Association announces its Call For Papers

The Venezuelan Gas Processors Association (AVPG) announces its Call for Papers for the **"XVIII International Gas Convention"** to be held in Caracas in May 2008. Please submit a 300-word abstract, including title and author(s) by **Nov. 30, 2007**. Complete company or institution name, mailing address and e-mail address, phone and fax numbers should be included with the abstracts. Final papers selection will be made by **Jan. 31, 2008**, and final manuscripts and presentations will be due by **Feb. 28, 2008**.

Abstracts and other information should be directed to [Carlos Camera](#), AVPG technical vice president and technical committee leader.

---

## STRATEGIC PLANNING

### Technical Committee re-structuring updates

The LNG technical section has effectively fulfilled the task for which it was created and, as a result, will be eliminated upon the Technical Committee Restructure Task Force's recommendation. All future LNG issues will be handled by remaining technical sections or on an ad-hoc basis.

The task force is also reviewing the Facilities Design, Operations & Maintenance and Product Specifications sections (also known as Section A, M and C, respectively) with a mission of providing better focus and stimulating more participation. These sections have the potential to add tremendous value to GPA, and the key to tapping into this value is plain and simple: we need to attract more participation.

The Analysis and Test Methods, Product Measurement and Handling and Technical Data Development sections (Sections B, H and F, respectively) have good direction and well-defined, maintained deliverables, and meetings are generally well attended. These sections will, for the most part, continue with little change.

GPA invites every member to visit our Web site, choose a technical section that best suits your expertise and attend that section's meeting. Without strong representation throughout the Technical Committee from all member companies, GPA cannot truly provide adequate value.

### **GPA places an emphasis on education**

The Education Initiative Task Force was created to enhance the recruitment and development of new talent that we all need to sustain current business and manage future growth. The task force has focused on three distinct areas with respect to education: universities, technical schools and young professionals' training.

- **Spreading the good word about GPA at universities**

This group has been tasked with the challenge of keeping engineering students and the like apprised of midstream energy opportunities. The group first set out to create a means of communication with students. Henry Galpin, Pioneer Natural Resources, presented the team with a PowerPoint presentation he's used for several years to accomplish the same task. Henry gave an online walk-through of the presentation to GPA volunteers interested in speaking to colleges and universities about the industry. If you have an interest in presenting to your alma mater, contact [Kenny Wheat](#).

- **GPA reaches out to technical schools**

Technical schools provide an enormous amount of talent to the industry and GPA member companies, so this subcommittee has set out to enhance and broaden the relationships between GPA and technical schools. A program was developed by EnCana and partners to accomplish similar goals, and this group has discussed developing a partnership with that program.

- **"With age comes wisdom," and GPA shares it with young professionals**

This group is working on finding new ways to provide training and education to the existing young professionals workforce (ages 25-40) in the midstream industry. The subcommittee plans to coordinate and host various GPA-certified educational programs to help young professionals gain the industry knowledge needed to advance their careers. Look for information about an exciting new opportunity geared toward young professionals at the 87<sup>th</sup> GPA Annual Convention. The session will provide a great opportunity for those in the 25-40 age range to gain valuable knowledge. The convention brochure should arrive in early December.

---

## **TECH TALK**

### **Get involved**

In recent years, member company participation for GPA's Technical Committee and its sections has dramatically declined. Without proper representation from member companies, only a handful of individuals have been carrying the load of an extremely important facet of GPA. All companies benefit from this committee's work, and we'd like to take this opportunity to ask that you consider serving on one of the committee's technical sections. Read below to learn more about recent technical section activities, and visit the [GPA Web site](#) for further information. You may also call or e-mail [Kenny Wheat](#), associate director of technical services, to learn about the commitment and benefits of getting involved in a technical section: (918) 493-3872.

#### **Technical sections**

For more information on items below, contact [Kenny Wheat](#).

#### **Section A – Facilities Design**

- **New online forum** – The Facilities Design section recently created a new online forum allowing members to ask questions and share facilities design-related information with industry peers. At this time, the forum is open to committee members only but will be open to all GPA members soon.
- **New facilities equipment design guidelines** - The section is in the process of creating facilities equipment suggested guidelines as a helpful “getting started” reference for member companies.

#### **Section B – Analysis and Test Methods**

- **GPA’s Annual School of Gas Chromatography** – This section is responsible for organizing the popular sell-out school for 34 years. The 35<sup>th</sup> annual School of Gas Chromatography will be held Aug. 4-8, 2008, at The University of Tulsa, and it’s not too late to get involved. Look for registration information on the [GPA Web site](#) in December.

#### **Section C – Product Specifications**

- **GPA fractionation grade specifications** – The ballot for the long-awaited fractionation grade specifications recently passed and will be published and available for purchase in the very near future. Read more.
- **Possibility of future Y-Grade specifications** – The Product Specifications section is investigating the need for Y-Grade specifications in the industry. A subcommittee has been formed, and a matrix is being developed. If it’s determined that the need for these specifications exists, development will begin soon after.

#### **Section F – Technical Data Development**

- **New research projects out to ballot** – Three new research projects are out to ballot within GPA. When it comes to project funding, it’s important that everyone’s voice is heard. If your company has received a ballot for the projects listed below, please complete and return to GPA as soon as possible.
  - Project 081 Practical Definition of Hydrocarbon Dew Point
  - Project 082 Impact of BTEX Components on Acid Gas Properties
  - Project 083 Solubility of non-Aromatics in TEG

For a full description of these projects and other ongoing research projects, please visit the [GPA Web site](#).

- **Suggestions for new research projects sought** – Dave Bergman, section chairman, has asked that anyone with ideas for future research projects contact GPA.

#### **Section H – Product Measurement and Handling**

- **GPA 2172 revision** – The section’s revision of **GPA 2172: Method for Calculation of Gross Heating Value, Relative Density and Compressibility of Natural Gas Mixtures from Compositional Analysis** was balloted earlier this year and unanimously approved with comments. The section is addressing those comments and will have revisions ready to publish soon.

#### **Section M – Operations and Maintenance (O&M)**

- **Roundtable discussion regarding O&M issues** – In order to better define its role within the industry, the section will host a roundtable discussion at next year’s GPA Annual Convention. This format will enable discussion from industry peers about the most important issues facing the industry.

#### **Technical publications available for purchase**

- **TP-15: A Simplified Vapor Pressure Correlation for Commercial NGLs**  
TP-15’s latest revision addresses errors of equations 1, 2 and 3 of the publication and includes minor formatting changes. The revision has been approved and implemented into API MPMS Chapter 11.2.5 and ASTM’s equivalent Technical Publication.
- **TP-27: Temperature Correction for the Volume of NGL and LPG**  
TP-27 is an extension of GPA Technical Publication TP-25 (1998) to include SI (metric) units. The predecessor of this Technical Publication, TP-25, was developed to unify temperature correction factors used in custody transfer of NGLs and LPGs but was limited to a 60°F relative density range of .3500 to .6880 and did not include SI unit correction factors. TP-27 was developed to include the correction factors for base temperatures of

15°C and 20°C with density ranges of 351.7 to 687.8 kg/m<sup>3</sup> and 331.7 to 683.6kg/m<sup>3</sup> respectively. All text from TP-25 as approved, however, is included without technical change, making TP-25 still viable for English unit applications.

### **Successfully balloted - GPA Fractionator Product Specifications**

The majority of industry specifications were surveyed to find common characteristics in order to establish the six new Fractionation Grade Specifications: ethane, ethane/propane mix, propane, iso-butane, natural butane and natural gasoline. Existing GPA specifications will not be eliminated. The approved specifications will be published and available for purchase in the near future.

### **Now being balloted - GPA 2145-08: Table of Physical Constants for Hydrocarbons and Other Compounds of Interest to the Natural Gas Industry**

GPA 2145 is updated about every five years with the assistance of the National Institute of Standards and Technology (NIST). Numerous changes to the values have been updated to provide full thermodynamic consistency among all properties. This was accomplished through consistent use of properties derived with the equations of state underlying the NIST REFPROP database. Properties derived with these equations of state are inherently thermodynamically consistent. The REFPROP database is painstakingly maintained and updated by professional staff members at NIST and Dr. Eric Lemmon. With the release of these updates, GPA and NIST (REFPROP/TRC) values would be in accord with the American Petroleum Institute and the Design Institute for Physical Property Data.

### **Errata available for 2177-03**

It was brought to GPA's attention that GPA 2177-03 contained a typographical error. Page seven of the document contains a table showing a comparison of concentration to repeatability. It should read "concentration to reproducibility." Please check the errata link located on the [GPA home page](#) on occasion to make sure your book has the latest information.

### **Engineering Data Book Registration**

We want to help you ensure that your Engineering Data Book is up to date, but sometimes we receive registration cards that are illegible or incomplete, which makes it difficult for GPA to send errata notices. Please check the errata link located on the [GPA home page](#) on occasion to make sure your book has the latest information.

---

### **Job listings on the GPA/GPSA Career Center**

Additional information on these positions is available at <http://careers.gasprocessors.com>

[Applications Engineer](#) - Clark-Reliance Corporation  
[Chemical Process Engineers](#) - Washington Group International  
[Gas Midstream Consultant](#) – R.W. Beck Inc.  
[Gasification Engineer](#) - URS Corporation  
[Gasification Project Manager](#) - URS Corporation  
[Pipeline Engineer](#) - URS Corporation  
[Project Manager, Pipeline](#) – URS Corporation  
[Sales Manager, Natural Gas Production Equipment](#) - Arrow Engine Co.  
[Senior Engineers](#) - Gas Technology Institute  
[Senior Engineer II](#) - DCP Midstream  
[Senior Pipeline Designers](#) - URS Corporation

---

## **REMINDERS & UPCOMING EVENTS**

### **2008 Cooperative Research Program Reminder**

Ballots for the 2008 Cooperative Research Program were distributed to official representatives of production-based members in mid-September. As a reminder, please return your executed ballot to the GPA office by Oct. 31. It is very important that each company return their ballot – remember an unreturned ballot is a negative note on the entire program!

If you are a non-production based member of GPA or GPSA and would like to support the 2008 research program through a commitment, contact [Kenny Wheat](#).

### Sporting Clays Sponsorships

Sporting clays events have become popular venues for networking and client entertainment. Since the first Annual Convention clay shoot was held two years ago, this event has continued to draw an even larger number of participants and spectators, year by year. The third consecutive Convention shoot will be held on Sunday, March 2, 2008, and GPA is offering a number of sponsorship opportunities ranging from \$50-\$600. For more information, contact [Kenny Wheat](#).

### Upcoming Events

#### November

- 6 - GPAC/PJVA Conference (Full Day), Westin, Calgary
- 8 - North Texas GPA Annual Meeting, Ellison Miles Geotechnology Institute, Brookhaven College, Dallas, Texas
- 8 - Rocky Mountain GPA Chapter Meeting
- 14 - Houston GPA Monthly Luncheon with Scholarship Awards Announced
- 22 - Europe GPA Conference, London, United Kingdom
- 27 - GCC (Gulf Cooperation Council) Chapter Executive Committee Meeting, Bahrain
- 28 - GCC (Gulf Cooperation Council) Chapter 2nd Specialized Seminar, Bahrain

#### December

- 4 - Midcontinent GPA Christmas Dinner, The Beacon Club, Oklahoma City, Okla.
- 5 - GPAC Q4 Meeting (half-day), Metropolitan Centre, Calgary, Canada

---

	<b>GPA-GPSA Career Center</b> <i>Attract quality midstream industry professionals to your company</i> Average # of views per job listing: 140 Member companies receive discounts. Call today for pricing. <a href="http://careers.gasprocessors.com/">http://careers.gasprocessors.com/</a>	
---	---	---

 <i>GPA &amp; GPSA members: for your eyes only</i>	<b><a href="http://www.gasprocessors.com">www.gasprocessors.com</a></b> Login when you visit our site to receive members-only information. <ul style="list-style-type: none"><li>• Order &amp; download publications at member pricing</li><li>• View safety statistics &amp; meeting minutes</li></ul> For company username and password, call GPA: (918) 493-3872
--	--

---

### Gas Processors Association

[www.gasprocessors.com](http://www.gasprocessors.com)

6526 E. 60th Street, Tulsa, OK, USA 74145 | 918-493-3872 | Fax 918-493-3875 |

E-mail: <mailto:gpa@gasprocessors.com>

---