

Newsletter of the Baton Rouge Astronomical Society

[www.braastro.org](http://www.braastro.org)



**September 2013**

**Next meeting Sep 9<sup>th</sup> 7:00PM at the HRPO**

**Dark Site Observing Dates:**

**Primary on Sep. 7<sup>th</sup> (New Moon)**

**Secondary on Sep. 14<sup>th</sup> (1<sup>st</sup> Quarter Moon)**



*BRAS members donate Orion Skyquest to EBR Library*



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## PRESIDENT'S MESSAGE

Hey Everyone!

Well, the hot, steamy summer months are coming to a close. I don't know about you, but I was unable to find a lot of good observing time this summer. We were treated to a few nice nights and I hope you were able to take advantage of them. (Specifically, getting out to view the bright nova in Delphinus which you should really do if you haven't already!)

We had a great BRAS turnout at the open meeting regarding the plans for improvements to Highland Road Park and its recreation center. I believe we had 7 or 8 members in attendance, all of which did their part to let BREC know of our concerns regarding existing and new lighting in the park. I believe our input was well received and a great stepping stone in our push for better lighting in our community.

A very enthusiastic staff was on hand to receive our donation of the Orion Skyquest 6XT this past month, as well. We are all very hopeful that this will be the start of something great here in Baton Rouge. Starting in September, patrons of the East Baton Rouge Parish Libraries will be able to check out this scope and start down the pathway of amateur astronomy. Again, a huge "Thank You!" to Trevor McGuire for all the effort he put into this project.

I hope to see you all at our meeting on Monday, September 9th at 7PM at the HRPO. I know I say it all the time, but feel free to bring a friend. Who knows, maybe we'll get one of those rare, cloudless nights after a BRAS meeting and we'll be able to do some observing for a bit.

Clear Skies,  
Ben Toman  
BRAS President

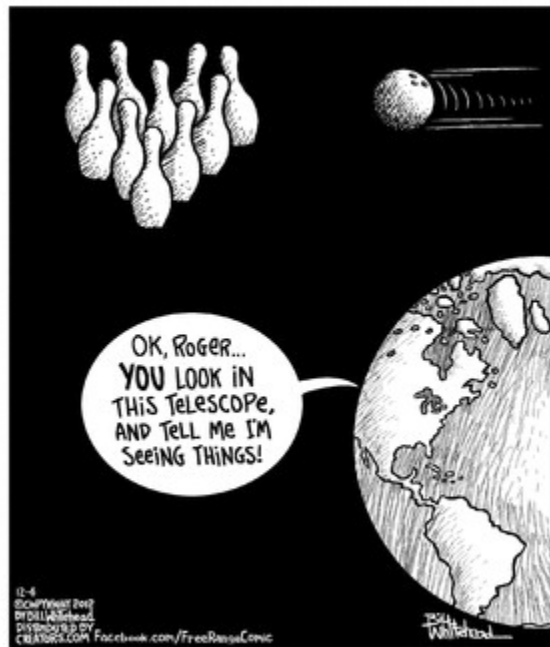


## NOTES FROM THE VICE PRESIDENT

Well, Summer will be coming to a close but the hot weather will stick around for a while. Soon it will be time for the Deep South Regional Stargaze. DSRSG will be from October 30 through November 3, 2013, at the Feliciana Retreat Center in Norwood, LA, north of Clinton. The registration form is in the email version of this newsletter.

Our main presentation for the September 9th BRAS meeting will be on astrophotography, presented by Chris Desselles. Chris will utilize an excellent slide show of different types of astrophotography setups and techniques, from newbie to advanced. He will "use the slide show as an outline and speak briefly on each bullet item, while showing the resulting photos" that one might be able to produce with each setup and technique. He made an effort to "use images that were actually taken by the mentioned techniques so the comparisons could be made." Afterwards, he plans to do a "show and tell" of the actual equipment setups, inside the building, of course. For anyone who contemplating a pursuit of astrophotography should get a good idea of where to begin after this presentation. More experienced astrophotographers should be able to pick up some new tips. Who knows what Comet ISON will do at this point, but wouldn't it be nice to have a photographic system ready to take some memorable shots for your collection?

As a bonus, anyone with a Canon EOS or ASCOM compatible CCD, bring your (Windows) laptop and you can load a freeware program called APT (AstroPhotography Tools). It has tools for planning, collimating, aligning, framing, focusing, controlling, imaging, analyzing, and monitoring. Even if you have such software already, this is free, so why not give it a try.



## MESSAGE FROM THE HRPO

### FRIDAY NIGHT LECTURE SERIES

*all start at 7:30pm*

30 August: "The Amateur Radio Service"

6 September: "LIGO—The Fantastic Search"

13 September: "The Return of Mars"

### CALL FOR VOLUNTEERS: ON SITE

\* Saturday, 28 September from 6pm to 10pm. *Two volunteers in addition to regular BRAS compliment, each for two-hour shift.* **Evening Sky Viewing Plus.** Marshmallow roast, demo and clock tables; small telescope; setup and takedown. Easy; training provided.

### PAINTING OF HRPO PARKING LOT

Volunteers (mostly college-aged) from the Church of Jesus Christ of Latter-Day Saints spend 22 and 23 August here helping clean up the parking lot piping. They scraped and chiseled off rust, applied primer and painted. A vast majority of the lot was completed by these young people in *only two days*. Thanks to BREC Volunteer Manager Tonya Dixon for coordinating this service. HRPO personnel plan to go over a majority of the ready piping with reflective tape and reflective safety paint.

### LIGHT POLLUTION UPDATE

Preliminary Unihedron SQM measurements taken at HRPO's back viewing pad yielded readings of 18.7 and 18.8. This would place HRPO skies at the second-worst of Atilla Danko's eight-color scale. Work on a multi-year plan to increase the reading from the SQM is now in progress.

On 13 August BREC hosted the final public input meeting for Highland Road Park renovations. Several BREC officials were in attendance, including Director of Special Facilities Brandon Smith. In addition to LSU P&A Professor Brad Schaefer and myself, there were several BRAS members. These included Co-Founder Wally Pursell, President Ben Toman, Observing Chairman John Nagle, Roslyn, Karen and Susan M. All of them, I believe, spoke to at least one BREC representative, and all six (seven, including Brad) filled out a survey. So there is coming from this meeting a good record of BRAS interest in seeing Highland Road Park stay as dark as possible during overnight hours.

J.A. Rummler (of Pointe Coupee's Planning and Zoning Committee) and I has a very good meeting on 15 August. Though my ten-minute talk to the Committee was postponed until September, he and I went through a MetroKey and noted the various locations in Pointe Coupee from which we should take SQM measurements. Hopefully, we will schedule a first recording session soon.





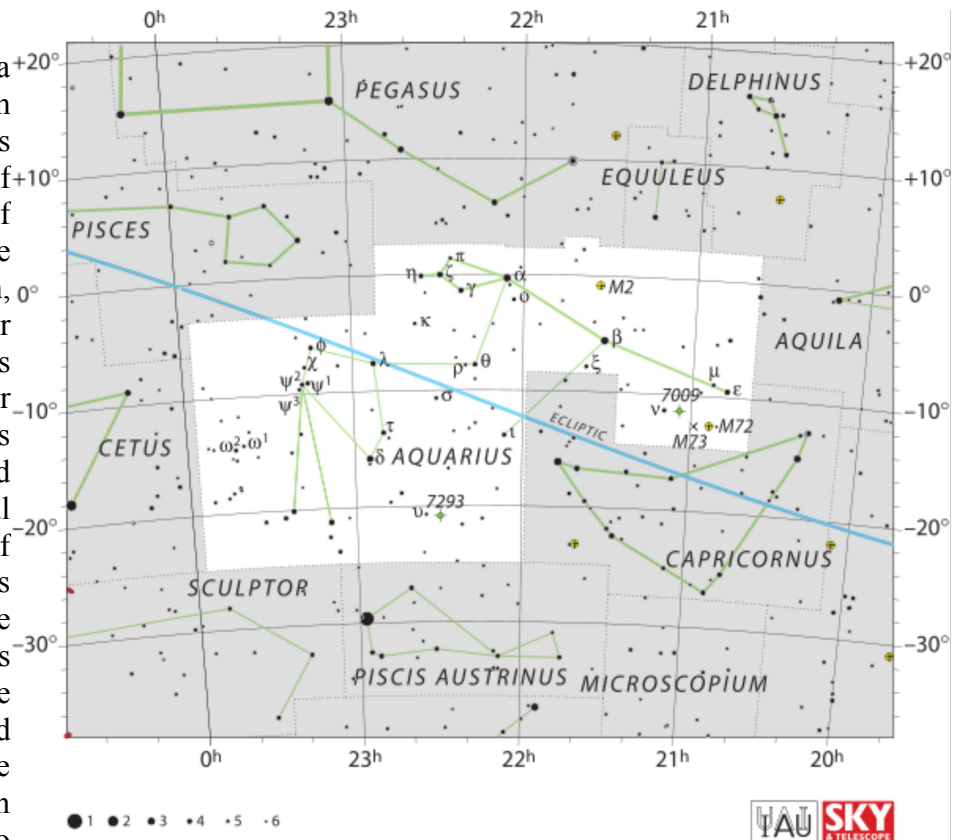
## MONTHLY OBSERVING NOTES

### Constellation of the Month – Aquarius: The Water Bearer, or Cup Bearer

Position RA 23 hours, DEC. -15

#### Aquarius the Water Carrier

Star maps show Aquarius as a young man pouring water from a jar, though Ovid, in his “Frasti”, says it is a mixture of water and nectar, the drink of the gods. The stream ends in the mouth of the southern fish, Piscis Austrinus, at the star Fomalhaut. But who is Aquarius? The most popular identification is that he is Ganymede or Ganymedes, said to have been the most beautiful boy alive. He was the son of King Tros, who gave Troy its name. One day, while Ganymede was watching his father’s sheep, Zeus became infatuated with the shepherd boy and swooped down on the Trojan plain in the form of an eagle, carrying Ganymede up to



Olympus. The eagle is commemorated in the neighboring constellation of Aquilla.

In another version of the myth, Ganymede was first carried off by Eos, goddess of the dawn, who had a passion for young men, and Zeus then stole Ganymede from her. Ganymede became the wine-waiter to the gods, dispensing nectar from his bowl, to the annoyance of Zeus’s wife Hera.

If this myth seems insubstantial to us, it is perhaps a result of the Greeks imposing their own story on a constellation adopted from elsewhere. The constellation of the water pourer originally seems to have represented the Egyptian god of the Nile.

Germanicus Ceaser identifies the constellation with Deucalion, son of Prometheus, one of the few men to escape the great flood. ‘Deucalion pours forth water, that hostile element he once fled, and in so doing draws attention to his small pitcher’ wrote Germanicus. Hyginus offers the additional identification of the constellation with Ceccops, an early king of Athens, seen making sacrifices to the gods using water, for he ruled in the days before wine was made.

The constellation immemorially has been represented, even on very early Babylonian stones, as a man, or as a boy, pouring water from a bucket or urn, with an appropriate towel in the left hand.



## Named Stars

Sadal Melik (Alpha Aqr), sometimes called Rucbah , “The Lucky Stars Of The King”, mag. 2.95, position 22 05 47.5 -00 19 11.4.

Sadal Sund (Beta Aqr), “Luckiest of the Lucky Stars”, mag. 2.90, position 21 31 33.5 -05 34 16.2, a rare yellow supergiant with two optical companions at 11th magnitude at a separation of 35.5” and 58.6”.

Sadachbia (Gamma Aqr), “Lucky Stars of the Tent”, mag. 3.86, position 22 21 39.4 -01 23 14.5, a spectroscopic binary of the 12th magnitude, at 28” separation and a period of 58.1 days.

Skat (Delta Aqr), “Leg” or “Shin”, mag. 3.27, position 22 54 39.04 -15 49 14.7

Al Bali (Epsilon Aqr), “The Swallower”, mag. 3.78, position 20 47 40.53 -09 29 44.5

Sadal Tager (Zeta Aqr), “Luck of the Merchant”, sometimes called “Al Tager”, mag. 3.66, position 22 28 49.8 -00 01 12.2, a binary, Zeta A at mag. 4.42 and Zeta B at mag. 4.51, and a separation of 1.7”. Zeta B, at position 22 28 50.1 -00 01 12, has a satellite with a period of 25.5 years with a separation of 0.4” and at 12th magnitude.

Ancha (Theta Aqr), “The Hip”, mag. 4.17, position 22 16 50 -07 47.0

Situla (Kappa Aqr), “The Outpouring of Wine”, mag. 5.33, position 22 37 45.4 -04 13 41

Hudoor (Lambda Aqr), “The Lucky Star of Hidden Things”, sometimes called Ekchusis, an irregular variable at mag. 3.73, position 22 52 36.8 -07 34 46.8

Bunda (Xi Aqr), mag. 4.68, position 21 37 45.04 -07 51 14.9

Seat (Pi Aqr), mag. 4.80, position 22 25 16.61 +01 22 38.6

## Deep Sky

M2 (NGC 7089), mag. 6.3, 21 30 9 -01 04, 5° north of Beta Aqr, 175 ly in diameter, has 17 known variable stars.

M 72 (NGC 6981), mag. 9.4, 20 53 15 -12 32, 3°WSW of the Saturn Nebula (NGC 7009) which is 3° south and 1.5° east of Epsilon Aqr or 9° east of Alpha Capricorni. It has 42 variable stars and is 106 ly in diameter.

M 73 (NGC 6994), mag. 9.3, 20 59.0 -12 38, 1.1’ in diameter, an asterism of 3 or 4 stars of the 10th to 12th mag. , about 1.5° east and slightly south of M 72.

NGC 6781, mag. 11.4, 19 18 4 +06 33, with a diameter of 1.8’ (42” x 30”).

NGC 7009 (Caldwell 55), “The Saturn Nebula”, mag. 8.3 (photo), 21 04.2 -11 22, an oblong blue green disc 1° west of Nu Aqr with a diameter of 0.8 ly.

NGC 7171, mag. 12.2, 22 01.0 -13 16, 2.2’ x 1.3’, paired with IC 417.

NGC 7183, mag. 11.9, 22 02.4 -18 55.

NGC 7184, mag. 11.2, 22 02.6 -20 49, 6.0’ x 1.3’.

NGC 7218, mag. 22 10.2 -16 40, 2.5’ x 1.1’.

NGC 7252, mag. 11.4, 22 20.7 -24 41, 2.2’ x 1.8’, the “Atoms For Peace Galaxy”.

NGC 7293 (Caldwell 63, PK 36-57.1), mag. 7.3, 22 29.6 -20 48, “The Eye of God” Helix Nebula, 1.6 ly in diameter, 1° west of Upsilon Aqr or 21° due south of Zeta Aqr.

NGC 7300, mag. 13.2, 22 28.3 -14 17, 1.9’ x 0.8’.

NGC 7302, mag. 13.1, 22 29.7 -14 23, 0.9’ x 0.6’.

NGC 7309, mag. 12.5, 22 34.4 -10 21, 1.9’ x 1.8’.

NGC 7371, mag. 11.5, 22 46.1 -11 00, 1.9 x 1.8.

NGC 7377, mag. 10.4, 22 47.8 -22 19, 3.8’ x 3.1’.

NGC 7392, mag. 11.8, 22 51.8 -20 36, 2.1’ x 1.3’.

NGC 7492, mag. 12.3, 23 05.1 -15 54, 3’ diameter.



## Other Stars

R Aqr, mag. 6.36, 23 43 49.50 -15 17 04.0, a Mira variable (mag. 5.8 to 12.4) with a period of 386 days. A red giant with a symbiotic white dwarf forms a nebula around the system (CED 211).

Psi-1 Aqr (91 Aqr) is the brightest component of a triple star- it is an orange giant, mag. 4.24 at 23 15 53.28 -09 05 15.7, with a confirmed exo-planet, and its companion is a binary star – both at mag. 10. The planet orbiting the primary, Psi-1 Aqr, is called 91 Aquarii-b or HD 219449b.

Gliese 849, mag. 10.42, 22 09 40.35 -04 38 26.6, a red dwarf with an exoplanet, Gliese 849b, orbiting at a distance of 2.35 AU.

Gliese 876, mag. 10.17, 22 53 16.73 -14 15 49.3, a red dwarf with 4 exoplanets in its orbit. The orbits of the 3 outer planets are locked in a Laplace resonance (1:2:4) between their orbital periods. Gliese 876 is the first dwarf star with a planetary system ever discovered.

Wasp-6, mag. 12.4, one exoplanet, Wasp-6b with a 3.36 day orbit at a distance 0.042 AU.

Wasp-47, mag. 11.9, 20 40 09.16 -00 52 15.0, one exoplanet, Wasp-47b, orbital period of 4.15 days, distance of 0.052 AU.

HD 206610, mag. 8.34, 21 43 24.90 -07 24 29.7, one exoplanet, HD 206610b, orbital period of 610 days, distance of 1.68 AU.

HD 210277, mag. 6.63, 22 09 29.87 -07 32 55.2, one exoplanet, HD 210277b, orbital period of 442 days, distance of 1.1 AU.

HD 212771, mag. 7.6, 22 27 03.07 -17 15 49.2, one exoplanet, HD 212771b, distance of 1.22 AU.

HD 215152, mag. 8.13, 22 43 21 -06 24 03, HD 215152b orbits at 0.0652 AU, and HD 215152c orbits at 0.8852 AU.

HD 220689, mag. 7.776, 23 25 53 -20 36 58, one exoplanet.

HD 222582, mag. 7.70, 23 41 51.53, one exoplanet.

## Some of the over 80 Double and Multiple stars

Struve 2944, triple star, 22 45 3 -04 29, 2944a, mag. 7.0, 2994b, mag. 7.5, 2994c, mag. 8.4. Binary a-b separation is 2.5' at 2° east of Kappa Aqr, and binary to c has a separation of 50".

Struve 2988, a binary, 23 09 4 -12 13, 2988a mag. 7.2, 2988b mag. 7.2, separation of 3.5", 3° SW of Psi-1 Aqr.

## Some of the over 35 Variable Stars

AE Aqr, mag. 10.8 to 12.12, 20 40 09.16 -00 52 15.0, a possible recurrent nova.

CY Aqr, mag. 10.6 to 11.3, 22 35 2 +01 17, a dwarf Cepheid with a period of 88 min.

Meteor Showers associated with Aquarius

Eta Aquariids- starts on April 21st, peaks on May 9th to 11th, has yellow trails, comes from Halley's Comet.

Delta Aquariids – Southern runs from mid July to mid August, peaks 29th July with 15 to 20 per hour.

Northern runs from July 16th to September 10th, peaks mid August at 10 per hour.

Iota Aquariids are weaker and slower, peaks August 6th with 8 per hour.





## September Sky Happenings

Sept. 1st Aurigid Meteor Shower peaks at a maximum rate of 6 per hour.

Sept. 2nd Moon passes  $6^{\circ}$  south of Mars at 5:00 AM CDT.

Sept. 5th New Moon is at 6:36 AM CDT. Venus passes  $1.8^{\circ}$  north of Spica (mag. 1.0) at 8:00 AM CDT.

Sept. 8th Moon passes  $0.8^{\circ}$  north of Spica at 10:00 AM CDT. Moon passes  $0.4^{\circ}$  south of Venus at 4:00 PM CDT. At dusk, Venus shines close to a thin crescent Moon with Spica nearby and Saturn is to their upper left.

Sept. 8th-9th Predawn- Mars (mag. 1.6) is at about  $20^{\circ}$  above the eastern horizon just before dawn, and passes through M44 (The Beehive Cluster, mag. 6.3) in Cancer.

Sept. 9th Moon passes  $2^{\circ}$  south of Saturn at 12:00 noon. At dusk, Saturn is to the right of the Moon with Venus to their lower left.

Sept. 12th First quarter Moon occurs at 12:08 CDT.

Sept. 13th Asteroid 324 Bamberga is at opposition at 1:00 PM CDT, near the circlet of Pisces at mag. 8.1.

Sept. 16th-19th Dusk- Saturn, mag. 0.7, is less than  $4^{\circ}$  from Venus.

Sept. 17th Moon passes  $6^{\circ}$  north of Neptune at 6:00 PM CDT.

Sept. 19th Full Moon at 6:13 AM CDT, Venus passes  $4^{\circ}$  south of Saturn at 7:00 PM CDT.

Sept. 20th Moon passes  $3^{\circ}$  north of Uranus at 10:00 AM CDT. Asteroid 7 Iris, mag. 7.9, is in Aquarius.

Sept. 22nd Autumnal Equinox occurs at 3:44 PM CDT.

Sept. 24th Dusk- Spica, low in the wsw 15 to 30 minutes after sunset, will be  $3/4^{\circ}$  below Mercury.

Asteroid Julia is at opposition at 10:00 PM CDT in Pegasus.

Sept. 26th Last Quarter Moon occurs at 10:55 PM CDT.

Sept. 27th Comet C/2012 S1 "ISON" passes  $2^{\circ}$  north of Mars in early morning in Leo.

Sept. 28th Moon passes  $5^{\circ}$  south of Jupiter at 4:00 AM CDT.

Sept. 30th Jupiter is  $1/2^{\circ}$  from Delta Geminorum (mag. 3.5).



## MINUTES FROM AUGUST MEETING

7:06 Meeting begins

7:07 Telescope to be donated to the library shown. Suggestions for beginner-proofing the telescope taken.

7:12 Southern Sky Observing Award given to Brad.

7:15 Ben talks about Emmet Park Dark Sky site in Michigan. Several towns taking light pollution reduction measures for the Perseids.

7:19 John talks about his sky quality meters and apps.

7:20 Chris talks about Highland Road Park community input meeting. Requests BRAS members to show up to lobby for better light direction and control. Talks about lighting policy proposals for BREC and parishes.

7:36 Rob talks about Cub Scout star gazing event. Requests assistance.

7:38 Asteroids discovered by Walt Cooney given official names.

7:42 Merrill talks about upcoming meeting presentations.

7:47 Jim's talk begins.

8:23 Talk ends.

8:25 Meeting adjourned.



# BATON ROUGE ASTRONOMICAL SOCIETY

## MEMBERSHIP APPLICATION



You can pay your membership dues at our next meeting or send your dues to:

Baton Rouge Astronomical Society, Inc.  
c/o Geoff Michelli, Treasurer  
10457 Barry Dr.  
Baton Rouge, LA 70809

If you have questions about dues or receiving your newsletter, call Geoff at (225) 573-4313 or send an email to [geoff@michelli.net](mailto:geoff@michelli.net)

For new members joining, the amount is pro-rated for the initial year based on which quarter the membership begins. The rates are reflected below. 4th quarter rates also cover the following year.

Jan - Mar	\$20.00	
Apr - Jun	\$15.00	\$ _____
Jul - Sep	\$10.00	
Oct - Dec	\$25.00	
Each Additional Family Member	\$5.00	\$ _____
Student Membership (through age 17)	\$10.00	\$ _____
Donation* toward club building fund or (specify)		\$ _____
TOTAL ENCLOSED		\$ _____

Membership renewals are \$20, and are due in January of each year.

Date \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

Phone Home \_\_\_\_\_

Cell \_\_\_\_\_

Work \_\_\_\_\_

Email \_\_\_\_\_

The Society's newsletter **Night Visions** is sent via email.

If you prefer to receive the newsletter via mail, please check this box ☐

PLEASE CHECK THAT YOUR ADDRESS AND E-MAIL ARE CURRENT AND CORRECT

Meetings are usually held the second Monday of each month at 7PM, except for June and July. Most meetings are held at the Highland Road Park Observatory

\* All donations to the Baton Rouge Astronomical Society, Inc. are tax-deductible under IRS section 501(c)(3) & (a)(1) and also 170(b)(1)(A)(vi).

The Baton Rouge Astronomical Society, Inc. is a nonprofit corporation chartered under the laws of the State of Louisiana



# **31<sup>st</sup> Annual Deep South Regional Star Gaze Registration Form** **Feliciano Retreat Center – October 30<sup>th</sup> - November 3<sup>rd</sup> 2013**

NAME \_\_\_\_\_  
 ADDRESS (City) \_\_\_\_\_ (State) \_\_\_\_\_ (Zip) \_\_\_\_\_  
 TELEPHONE ( ) \_\_\_\_\_ CLUB AFFIL. (if any) \_\_\_\_\_ EMAIL \_\_\_\_\_

## **1. Registration Fee - All attendees must register (1a or 1b) regardless of lodging choices**

**1a) Full Registration** - \$25.00 per person / \$35.00 per family *if in advance and postmarked by 10/18/2013.*  
 Registrations postmarked after this date are \$40.00 per person / \$60.00 per family. Refunds will be made only if notified on or before this date or in the unlikely event of a Star Gaze cancellation. One door prize ticket per full reg.  
 Number attending \_\_\_\_\_ List names \_\_\_\_\_

**1b) Reduced Registration** - \$10.00 per person / \$15.00 per family. This applies if you do not want a door prize ticket, you are not setting up any equipment and you will not be staying overnight. Note, if you stay overnight in any type of vehicle, the camping fee applies.  
 Number attending \_\_\_\_\_ List names \_\_\_\_\_

**Total Registration Fee (1a OR 1b) \$ \_\_\_\_\_**

## **2. Lodging Reservation Choices - Select desired lodging type (2a, 2b or 2c) if staying onsite**

### **2a) Cottage Reservations (bring your own bedding and towels, pillows, etc.)**

	Rate		# of people		Amount Due
Wednesday (10/30)	\$22.00 per person	X	_____	=	_____
Thursday (10/31)	\$22.00 per person	X	_____	=	_____
Friday (11/1)	\$22.00 per person	X	_____	=	_____
Saturday (11/2)	\$22.00 per person	X	_____	=	_____

**Cottage Reservations Total \$ \_\_\_\_\_**

### **2b) Tent, Camper & RV Reservations** — Limited electrical hookup is for telescopes only, and there are no sanitary hookups for campers nor RVs. Generator use is not permitted on the observing field at night. Picnic canopies are permitted on the observing field in compliance with our Light and Parking Rules.

	Rate		# of people (T, C, or RV)		Amount Due
Wednesday (10/30)	\$5.00 per person	X	_____( )	=	_____
Thursday (10/31)	\$5.00 per person	X	_____( )	=	_____
Friday (11/1)	\$5.00 per person	X	_____( )	=	_____
Saturday (11/2)	\$5.00 per person	X	_____( )	=	_____

**Tent, Camper or RV Reservations Total \$ \_\_\_\_\_**



**2c) Lodge Reservations** – The Lodge has 24 motel style rooms (*two of the rooms have queen beds*). The other rooms have 1 twin bed & 1 twin bunk bed. All have a private bathroom with a shower. Linens and towels are provided. Queen rooms are only upon request, first come, first serve (*check here \_\_\_\_ to request a queen*).

	Rate		Number of rooms		Amount Due
Wednesday (10/30)	\$48.00 (single) OR \$74.00 (double)	X	_____	=	_____
Thursday (10/31)	\$48.00 (single) OR \$74.00 (double)	X	_____	=	_____
Friday (11/1)	\$48.00 (single) OR \$74.00 (double)	X	_____	=	_____
Saturday (11/2)	\$48.00 (single) OR \$74.00 (double)	X	_____	=	_____

**Lodge Reservations Total \$ \_\_\_\_\_**

### **3. Meal Reservations** – *To eat in the FRC dining hall, you must reserve meals here in advance*

Meals are breakfast (\$8) at 10 a.m. and dinner (\$11) at 4 p.m. on the days shown below. Sunday breakfast will be held one hour earlier at 9 a.m.

**Note - Meals have to be paid in advance; there will be no on-site meal payment.**

**Please indicate the number of meals you want –**

<b>Wednesday (10/30)</b>		Dinner \$11 X _____ = \$ _____
<b>Thursday (10/31)</b>	Breakfast \$8 X _____ = \$ _____	Dinner \$11 X _____ = \$ _____
<b>Friday (11/1)</b>	Breakfast \$8 X _____ = \$ _____	Dinner \$11 X _____ = \$ _____
<b>Saturday (11/2)</b>	Breakfast \$8 X _____ = \$ _____	Dinner \$11 X _____ = \$ _____
<b>Sunday (11/3)</b>	Breakfast \$8 X _____ = \$ _____	

**All Meals Total \$ \_\_\_\_\_**

## **Grand Total**

<b>Total of sections 1, 2 and 3</b>	<b>TOTAL REMITTED</b>	<b>\$ _____</b>
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All checks should be made payable to "Deep South Regional Star Gaze" (or "DSRSG") and mailed to:  
 Barry Simon, DSRSG Director  
 842 Crystal Street  
 New Orleans, LA 70124

Email me at [bsimon815@aol.com](mailto:bsimon815@aol.com) if you have any questions. For registration verification, please send a self-addressed stamped envelope or include an email address at the top of this form. Please note if you will need a receipt.





## Deep South Regional Star Gaze 2013 RELEASE OF LIABILITY

I, \_\_\_\_\_, of \_\_\_\_\_  
(print name) (city and state)

in consideration of my registration being accepted for the 2013 Deep South Regional Star Gaze, I hereby irrevocably covenant, promise and agree to relieve, release and hold harmless the Deep South Regional Star Gaze, it's organizers, and workers from any and all losses, claims, expenses, law suits, costs, demands, damages or liabilities, whether joint or several or of whatever kind or nature related, or from any injuries and / or losses, up to and including accidental death, which may occur to the undersigned registrant or his family, or any third person or party for whom the undersigned may be legally responsible while attending the 2013 Deep South Regional Star Gaze.

I further agree to indemnify any party indicated above should such party suffer any claims, liabilities, losses, demands, causes of action, law suits and expenses (including attorney fees), caused directly or indirectly by my negligent or intentional acts, or failure to act, or if such acts or failures to act are directly or indirectly caused by any person in my family while participating in the Deep South Regional Star Gaze.

It is understood that the Deep South Regional Star Gaze is held at the Feliciana Retreat Center located near Norwood, Louisiana. It is understood that the above named event commences at 10 a.m. on Wednesday, October 30<sup>th</sup> and runs until 12 Noon on Sunday, November 3<sup>rd</sup> 2013. As this is a rural area with a number of events held out of doors and in and around motor vehicles and in the presence of large numbers of other participants, certain dangers and perils are understood and accepted by me in registering for and attending this event. **SPECIFICALLY I HOLD HARMLESS THE DEEP SOUTH REGIONAL STAR GAZE, IT'S ORGANIZER(S), THE FELICIANA RETREAT CENTER AND ANY OTHER REGISTRANTS WHO MAY VOLUNTEER THEIR TIME AND EFFORTS WITH THE FUNCTION.**

I further agree to abide by all rules established by the DEEP SOUTH REGIONAL STAR GAZE and it's organizers as specified in rules established for the event. **This does include a prohibition against setting up canopies, tents and telescopes on or around the marked observing field perimeter until after the observing field has been staked out and marked by the event organizers. Refusal to abide by this directive and any other established rule will result in expulsion from the event and possible exclusion from future events.**

**In addition, the Feliciana Retreat Center has a prohibition against alcohol use on Feliciana Retreat Center grounds. We are obligated to respect and follow this prohibition. Do not bring alcohol to the Deep South Regional Star Gaze. Violation of this policy will result in expulsion from the Deep South Regional Star Gaze and possible exclusion from future events.**

I hereby waive any and all claims against the DEEP SOUTH REGIONAL STAR GAZE, IT'S ORGANIZERS, THE FELICIANA RETREAT CENTER AND ANY OTHER REGISTRANTS WHO MAY VOLUNTEER THEIR TIME AND EFFORTS DURING THE COURSE OF THIS FUNCTION for injury, death or personal property damage or theft in excess of my personal insurance coverage, except in matters of gross neglect or criminal action by either the Deep South Regional Star Gaze, the Feliciana Retreat Center, it's organizer and volunteers. In any incident involving other registrants outside of the actual management of the Deep South Regional Star Gaze, those registrants will be directly responsible for and shall be held accountable for their actions.

My signature on this form also indicates agreement and acceptance on behalf of all minor children (under 18 years of age) under my care in attendance.

\_\_\_\_\_(initial here) I have received a copy of the DSRSG Light and Parking Rules, in force during the Deep South Regional Star Gaze and will abide by them.

\*Name \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_  
(Please Print)

**\* Note - A separate Release of Liability form must be completed by each attending member of your family, age 18 and over.**

Additional Names of Registrants in your party \_\_\_\_\_ (age) \_\_\_\_\_  
\_\_\_\_\_ (age) \_\_\_\_\_  
\_\_\_\_\_ (age) \_\_\_\_\_  
\_\_\_\_\_ (age) \_\_\_\_\_

**Note - Registration is not complete until this form is completed and submitted with the Registration Form.**

