

NOVA



Official Newsletter of the Salt Lake Astronomical Society

Volume 46 Number 6 November - December 2016

Please Welcome The Newest SLAS Members!

Arcentales, Bianca
Beaty, Grant

Cloward, Matthew
Loy, Gareth

Motts, Robert
Nakamura, Rebecca

Talley, Elise
Yates, Chad



SLAS Member Tony Sarra got this shot of M-8/20 this past July at the Stellarvue dark sky star party in California. Tony got the shot using a Stellarvue SVQ100 Astrograph and FLI 16803 proline camera.

MINUTES OF THE SALT LAKE ASTRONOMICAL SOCIETY BOARD MEETING

September 14, 2016

(Minutes written and edited by SLAS Sec/Treas Rodger Fry)

Board members in attendance: Joan Carman, Aleta Cox, Don Knowlton and Rodger Fry

General members in attendance: Enid Norton, Sue Baxter, Patrick Wiggins, Nate Goodman, Dave Bernson, Tony Sarra, Mike Wilson, Siegfried Jachmann, Luke Moses and Bob Moore.

Meeting called to order: 7:01 PM

Financial Report

The financial report was reviewed as listed on the web site as September 01, 2016 Financial Statement. It was noted that the books haven't been balanced because at the time of the report, Rodger Fry was on a cruise with limited internet access and couldn't do a proper check of the accounting. The books will be reconciled within the next week.

Board Member Reports:

Don Knowlton indicated that he has had good response on getting volunteers for operating the telescopes at the SPOC star parties.

Aleta Cox said that we had a good turnout at the Monte Vista School star party with 12 telescopes and an estimated 150 students/parents in attendance. The sprinklers did create a problem when they came on at 9:30 PM.

She also mentioned that we have three scheduled school star parties as follows:

September 26th Foothill Elementary. Paul Welker has given her handouts to distribute at the general Meeting

September 29th St. Olafs in Bountiful. This is a makeup star party for the one that was rained out. If this one gets rained out they would like a backup the next Thursday which is October 6th.

October 10th West Elementary in Tooele

Aleta Cox also mentioned that she had been approached by Alta High Schools internship coordinator about working with them on astronomy interns

She has also been approached by Lehi Sky Ridge about a star party but was advised by the board to refer them to the Utah Valley Astronomy Club.

Joan Carman said that we have four people that have shown interest in running for SLAS VP. Two of which, Joe Bauman and Bob Moore have submitted a profile to be included in the NOVA

Clements Telescope Update

Rodger Fry informed the board that the prospective donor was taken to look through the Clements telescope last week and was very impressed. He was scheduled to meet with Bob Moore today but had to postpone the meeting until next Monday, September 19th. He is still very interested and may make a donation. At the end of the meeting, Bob Moore arrived and further elaborated on this donor and his connection with Stansbury (owns the shopping center where Soelberg's is located in Stansbury Park).

The amount that we are trying to procure from this donor is likely to be more than required. It is hoped that he will be willing to allow us to use the excess funds to start a perpetual maintenance fund for the telescope and building.

Stansbury Days 90mm Starnavigator

The telescope given away at Stansbury was determined to be lacking the goto mount. The mount is no longer available and so Joan Carman ordered a telescope to replace the one given away. The cost is \$269.95 and board approved a motion to present this amount to the general meeting attendants to approve reimbursement of this amount to Joan.

After the defective telescope is returned a decision will be made to give it away to a member or let members bid on purchasing it.

Purchase of Solar Glasses

Siegfried Jachmann showed us some solar glasses that can be purchased for \$0.30 in quantities of 1,000. Don Knowlton made a motion that we present to the general members to purchase 1,000 of this to give away or sell at solar events. Rodger Fry seconded the motion and the vote by the board was unanimous.

Donation of \$50 where to put this.

A donation of \$50 was made via PayPal which resulted in a net donation to SLAS of \$48.60. A motion was made by Rodger Fry that all nonspecific donations made to SLAS should go to into the general fund. Aleta Cox seconded the motion.

This would also apply to the \$37 that was donated by attendees at star parties and which Enid Norton gave to Rodger Fry to deposit in the SLAS bank account.

NOVA Editor

Patrick Wiggins has been the NOVA editor for 20 years and would like to find someone to take on this responsibility. Joan said that she will address this at the September general meeting.

Web Site

Ryan Simpkins was not present and so this topic was not presented

Old Business

Enid Norton informed the attendees that we have the following books in inventory:

The Stars: 81 at SPOC and 33 in Salt Lake County

Night Watch: 28 at SPOC and 43 in Salt Lake County

Siegfried Jachmann indicated that he and Bruno Jachmann will be putting on a star Party in Idaho and would like to give four of each to give away. They did this in the past and SLAS was acknowledged in a write-up in the local newspaper. A motion was passed to allow Siegfried to have these books to give away.

No old business

New Business

No new business

Pay Bills

A check in the amount of \$135.71 was written to Mike Wilson in reimbursement for door prizes to be given out at the Solstice Party. Funds for this payment were from the entertainment account.

Meeting Adjourned: 8:17 pm

General Meeting Minutes

Date: September 21, 2016 7:30 PM

Location: Room 203 Calvin Rampton Technology Building at Salt Lake Community College

Attendance: 41 members and guests

SLAS President, Joan Carman welcomed all in attendance and introduced our 2016 SLAS board all of which were present

1. Wayne Springer-University of Utah Discusses "The High Altitude Water Cherenkov Observatory"

a. Located at 4,100 Meter elevation between Mexico City and Vera Cruz, Mexico

b. Detects Cherenkov radiation generated from high-energy gamma rays entering an array of large water detectors

2. Business meeting started at 8:25 as follows:

a. Election committee was formed with three volunteers:

a.i. Enid Norton (chairperson)

a.ii. Cecile Oldham

a.iii. Siegfried Jachmann

a.iv. Stan Erickson

- b. A motion was made by Rodger Fry and Seconded by Luke Moses to purchase 1,000 Solar Glasses at a cost of \$300.00. A vote on the motion was unanimous.
 - c. Joan Carman discussed the need to make good on a Stansbury Day telescope given away that was incomplete. She presented the fact that the parts to make it whole were not available and we needed to purchase a telescope (StarNavigator for \$269.95 to replace the defective one). Enid Norton Made a motion to purchase the telescope and Luke Moses seconded the motion. The vote was unanimous to make the purchase.
 - d. Joan Carman talked the fact that Patrick Wiggins has been the NOVA editor for 20+ years and would like to give someone else the opportunity to take this over. Joan asked for volunteers to contact a board member if they were interested in taking this on.
 - e. Aleta Cox presented the upcoming school star parties as follows:
 - e.i. Foothill Elementary 13717 Shaggy Peak Drive, Riverton Utah on Monday Sept. 26, 2016 from 7:30-9:00 PM
 - e.ii. St. Olaf's in Bountiful on Sept. 29th from 7:00-9:00 PM If this date is clouded out they want to try for Oct.6, 2016
 - e.iii. West Elementary School in Tooele on October 10, 2016
 - f. Nate Goodman encouraged members to support the Heritage Star Party in Wayne County on September 30th and October 1st.
 - g. Upcoming general meetings are as follows:
 - g.i. Oct Tony Sarra and Clarence Spencer Astrophotography Panel
 - g.ii. Nov Sir Isaac Newton (submit questions to ask him)
 - g.iii. Dec Solstice Party Dec 3, 2016 Golden Corral in Midvale
3. Meeting adjourned for advanced training at 8:50 PM

**MINUTES OF THE SALT LAKE ASTRONOMICAL SOCIETY BOARD MEETING
October 12, 2016**

Board members in attendance: Joan Carman, Aleta Cox, Don Knowlton, Ryan Simpkins and Rodger Fry

General members in attendance: Enid Norton, Sue Baxter, Patrick Wiggins, Nate Goodman, Dave Bernson, Mike Wilson, Jamie Bradley, Charlie Green, and Shoshona Ebertz.

Meeting called to order: 7:00 PM

Financial Report

The financial report was reviewed as listed on the web site as October 01, 2016 Financial Statement. It was noted that the \$97.80 in the other 2 account was transferred to the General Fund in October and the financial statement November 1, 2016 will reflect that

Board Member Reports:

Don Knowlton indicated that he has had good response on getting volunteers for operating the telescopes at the SPOC star parties. Two star parties remain on October 21st and 22nd and that he needs volunteers for both the Bogden and the C-14 telescopes.

Ryan Simpkins Said that due to his and Don Knowlton's donated time, Adobe issued us another check in the amount of \$220 that we received tonight. Ryan will apply for the Adobe board service grant in November, the earliest he can, and SLAS should receive it in a few months. That amount is \$2,500, so that would bring the total in that column to over \$7,000.

Aleta Cox said that we had a good turnout at the Foothill Elementary star party with 12-14 telescopes present and that the school would be sending us a check for \$200 for our efforts. We also had a very good turnout for the St. Olaf's school in Bountiful with 10 or 11 telescopes present. They were very pleased with our efforts. Aleta expressed some concern with the last Harmon's star party in West Valley. The store manager had blocked off an area for us to set up in and it was too small and near the well-lit area around the service station. The Tooele star party was cancelled due to weather and they would contact the 2017 board about scheduling next spring. Jordanelle State park would like to schedule a star party for next summer and Aleta told them that the 2017 board should be notified of that after February 2017.

Joan Carman recognized the exceptional effort made by Aleta Cox in coordinating the special star parties in 2016.

Clements Telescope Update

Rodger Fry informed the board that the prospective donor still very interested and that Bob Moore was going to meet with him in the next two days to get a commitment. He also informed the board that the \$25K grant from Tooele County must be spent in 2016 so time is very important.

Estate Donations

Joan Carman brought many miscellaneous items that were in the box that was thought to be the Star Navigator. These were items donated by the estate of Tom Henchy. Joan said that with the older members in our club we might expect donations like this in the future and we should take a close inventory of these to make sure what we have been given and make sure it is appropriately handled. These items were gone through while we awaited the presence of Shoshona Ebertz and the following were assigned to be used in the various areas:

1 Telrad to go on the C-14

Misc. eyepieces, 1-1/4 inch diagonals and three red dot finders for the loaner telescope program,

Piggy-back camera mount to Nate Goodman

Barlow lenses to be given away at the Solstice Party.

Purchase of Solar Glasses

The 1,000 solar glasses that were purchased for \$330 have arrived and samples were brought to the meeting. Rodger Fry made a motion that we sell them at SLAS events for \$1.00 each and that we start selling them in April 2017. Ryan seconded the motion and the vote was unanimous.

Amazon Smiles

Ryan Simpkins has set up the procedure for anyone that makes a purchase on Amazon can indicate that .05% of the purchase price will be donated to SLAS by Amazon. It was noted that we need to get the word out on how to make this happen and that Ryan will get the procedures together that can be disseminated to the members via the NOVA, and social media.

Web Site Update

Ryan Simpkins has indicated that he needs to find someone with experience in graphics design and layout but has had no one respond so far.

NOVA

Both Jamie Bradley and Shoshona Ebertz were at the meeting and each presented their qualifications for being the editor. Both had very good and complimentary qualifications. Rodger Fry made a motion that Shoshona Ebertz be appointed Editor and Jamie Bradley as Assistant Editor and that Patrick Wiggins inform them on what has been done in the past. The newly appointed Editor and Assistant Editor will begin their role in producing the NOVA starting with the January 2017 edition.

Old Business

Rodger Fry noted that on the afternoon of Monday October 31, 2016, SPOC will be officially closed for the season, winterized and all combinations to the locks will be reset precluding users from entering the observatories.

New Business

Dave Bernson expressed how much the Capitol Reef National Park likes SLAS involvement in their dark sky festival each year and indicated that we should continue this in the future. He also said that Linton Rohr, who was instrumental in getting the Gold-Star IDA rating for the park, passed away in May 2017 and that the park would like to put a memorial in their visitors center to recognize his impact.

Pay Bills

A check in the amount of \$260.58 was written to Mike Wilson in reimbursement for door prizes to be given out at the Solstice Party. A check in the amount of \$599.99 was written to Joan Carman for the replacement telescope and the solar glasses.

Meeting Adjourned: 8:45pm

General Meeting Minutes

Date: October 19, 2016 7:30 PM

Location: Room 203 Calvin Rampton Technology Building at Salt Lake Community College

Attendance: 35 members and guests

SLAS President, Joan Carman welcomed all in attendance and introduced our 2016 SLAS board (Joan Carman, Aleta Cox and Rodger Fry were present)

- a. Toni Sarra gave a presentation for the SLAS Astrophotography Panel
 - a.i. "Deep Sky Imaging- Shaggy Mountain Observatory"
- b. Clarence Spencer gave a presentation on "Night Scape Photography 101"
2. Business meeting started at 8:45 as follows:
 - a. Joan Carman presented to the members that when making purchases on Amazon.com, they can have .5% of their purchase price donated to SLAS by Amazon by registering at Smile.Amazon.com [from their website: The AmazonSmile Foundation will donate 0.5% of the purchase price from your eligible purchases. (you don't have to include this in the minutes)]
 - b. Joan Carman recognized Patrick Wiggins for his dedicated service as NOVA editor for 20 years and announced that the board had appointed Shoshana Eberts as editor and Jamie Bradley as assistant editor (both have good and complimentary qualifications)
 - c. Rodger Fry made an update on the Clements observatory:
 - c.i. We have received a verbal commitment from a philanthropist to donate \$25K in the next few weeks for the building and additional funds in the first-quarter of 2017.
 - c.ii. We have been in contact with several companies that manufacture steel buildings and at least two of them offer engineering support for the sub-structure required for the building. We will be moving ahead soon on identifying the best option for the building.
 - d. Aleta Cox presented the upcoming school star parties as follows:
 - d.i. St. Olaf's in Bountiful on Oct. 20th from 10:00 a.m. until approx 2:00 p.m. for a solar party
 - d.ii. Aleta thanked everyone for the support of the special star party program in 2016.
 - e. Enid Norton (our election committee chair) reported the outcome of the election as follows:
 - e.i. President-Dave Bernson
 - e.ii. Vice President-Joe Bauman
 - e.iii. Board Member at Large-Aleta Cox
 - e.iv. Board Member at Large-Nate Goodman
 - e.v. Secretary/Treasurer-Rodger Fry
 - f. Upcoming general meetings are as follows:
 - f.i. Nov Sir Isaac Newton (submit questions to ask him)
 - f.ii. Dec Solstice Party Dec 3, 2016 Golden Corral in Midvale
3. Meeting adjourned for advanced training at 9:10 PM

SLAS Member Information

The SLAS Member Information file is available at <http://slas.us/slasbooks/NEWMEM.PDF>.

Loaner Telescopes For SLAS Members

SLAS has several scopes available for loan to current SLAS members. Check the SLAS website under "Membership Benefits" for details.

2016 SLAS Board of Directors

| | | | |
|-------------------------------|---------------|--------------|--------------------------|
| President | Joan Carman | 801.943.4192 | jcarman6@q.com |
| Meetings | | | |
| Vice President | Ryan Simpkins | 801.602.8661 | simpkins.ryan@gmail.com |
| Publicity, PR and Web Content | | | |
| Secretary-Treasurer | Rodger Fry | 801.288.0851 | rcfry@comcast.net |
| Membership Dues & Renewals | | | |
| Board Member at Large | Don Knowlton | 801.372.7504 | carlosknowlton@gmail.com |
| SPOC Star Party Coordinator | | | |
| Board Member at Large | Aleta Cox | 801.966.2636 | alc@fredccox.com |
| School & Special Star Parties | | | |

Appointed Positions

| | | | |
|--------------------------------|-----------------|--------------|-----------------------------|
| Astronomical League Contact | Ryan Simpkins | 801.602.8661 | simpkins.ryan@gmail.com |
| Equipment Manager | Anderson, Mike | 801.910.0997 | fisherman285mike@gmail.com |
| Historian | Patrick Wiggins | 435.882.1209 | 4099wiggins@gmail.com |
| NASA Night Sky Ambassador | Ann House | 801.671.8447 | ann@annhouse.org |
| Newsletter Editor | Patrick Wiggins | 435.882.1209 | 4099wiggins@gmail.com |
| Observatory Director | Rodger Fry | 801.288.0851 | rcfry@comcast.net |
| Private Star Party Coordinator | Don Colton | 801.571.9757 | dcoltonsprint@earthlink.net |
| Solar Scope Manager | Ken Porras | 801.210.8427 | kennethprrs@gmail.com |
| Webmaster | Ken Warner | | webmaster@slas.us |
| ZAP Grant Writer | Ann House | 801.671.8447 | ann@annhouse.org |

Current SPOC Advisory Committee

| | | | |
|--------------------------------|-----------------|--------------|------------------------|
| Chair through DEC 2018 | Rodger Fry | 801.288.0851 | rcfry@comcast.net |
| Member through JAN 2018 | Rodger Fry | 801.288.0851 | rcfry@comcast.net |
| Member through JAN 2018 | Stan Eriksen | 801.446.1479 | staneriksen@icloud.com |
| Member through JAN 2017 | Larry Holmes | 801.467.7855 | larry@kijoda.com |
| Member through JAN 2018 | Bill Kennedy | 801.964.6199 | truss_tube@hotmail.com |
| Member through JAN 2018 | Nate Goodman | 801.277.0193 | ngoodman@lgcy.com |
| Member through JAN 2019 | Ken Porras | 801.210.8427 | kennethprrs@gmail.com |
| Member through JAN 2017 | Patrick Wiggins | 435.882.1209 | 4099wiggins@gmail.com |
| Member while SLAS President | Joan Carman | 801.943.4192 | jcarman6@q.com |
| Member as Obser. Dir. Emeritus | Bruce Grim | 435.882.5237 | bmargrim@msn.com |
| Member while Harmons Rep. | Tara Haynie | | |

Current SPOC Telescope Instructors

| | | | |
|-----------------|-------------------------|--------------|----------------------------|
| Mike Andersen | Ealing | 801.910.0997 | fisherman285mike@gmail.com |
| Dave Bernson | Refractor, Ealing, Grim | 801.263.9264 | dustynebula@gmail.com |
| Rodger Fry | Refractor, Ealing, Grim | 801.288.0851 | rcfry@comcast.net |
| Bill Kennedy | Refractor, Ealing | 801.964.6199 | truss_tube@hotmail.com |
| Patrick Wiggins | Refractor | 435.882.1209 | 4099wiggins@gmail.com |
| Dale Wilson | Grim | 801.518.7859 | dalel2112@yahoo.com |
| Mike Wilson | Ealing | 801.508.1050 | astro_outwest@yahoo.com |

NOVA is a publication of the [Salt Lake Astronomical Society](#), a non-profit organization. Nova contains minutes of meetings, Board member names & contact info, activities, reports and special club events. The editor of NOVA is appointed by the Board. Members are encouraged to contribute content. Current NOVA editor is Patrick Wiggins, 4099wiggins@gmail.com.

Events Calendar

November 2016

09 Board Meeting - Denny's restaurant, 250 W 500 S, 7:00

16 General Meeting - SLCC's [Rampton Technology Building](#), room 203, 7:30

December 2016

03 Solstice Festival at Golden Corral 665 E Fort Union Blvd, Time TBD

14 Transitional Board Meeting - Denny's restaurant, 250 W 500 S, 7:00

View a list of all SLAS events online on the [Events Calendar](#)