



RASC Halifax Centre Board of Directors – Meeting

Thursday, September 3, 2020: 6:00 – 8:00 PM

Via Zoom - Meeting ID 928-6219-4634

Agenda Items				
Time	Item	Purpose	Responsibility	Support Documents
6:00	1. Welcome & Introductions <ul style="list-style-type: none"> Approval of Agenda Review Action List Approval of Previous Minutes of Meeting 	Information Approval	Judy Black	Minutes pre-circulated: June 18, 2020 Agenda pre-circulated
ONGOING ITEMS				
	2. Upcoming Meeting Dates & Guest Speakers <ol style="list-style-type: none"> SMU Room Bookings 2020 Meeting date confirmation Guest Speakers & Ideas for Future Presentations OH Presentations 	Ongoing Discussion	Judy Black	<i>Refer to SMU Reservation</i> <i>Refer to Agenda Note #1</i>
	3. Report from National Representative	Information Discussion	Patrick Kelly	n/a
	4. Outreach / Inreach <ul style="list-style-type: none"> Outreach requests (if applicable) InOMN (International Observe the Moon Night) 	Discussion	Paul Heath Peter Hurley	<i>All in-person Outreach is cancelled; virtual sessions only</i>
	5. RASC Halifax Centre Website	Information Discussion	Judy Black	n/a
	6. Financial Update <ul style="list-style-type: none"> September Financial Report 	Discussion	Gregg Dill Judy Black	n/a
UPDATES / REPORTS				
	7. SCO Status <ul style="list-style-type: none"> SCO Access Electrical upgrade SCO BBQ? 	Information Discussion Decision	John Liddard Judy Black	n/a
	8. Report: Nova East Planning Committee	Discussion Approval	Judy Black	<i>Refer to Agenda Note #2</i>
	9. Update: <i>The Discovery Centre</i>	Discussion Information	Peter Hurley Wayne Harasimovitch	n/a
	10. Update: Library	Discussion Information	Wayne Harasimovitch	n/a
	11. Report: Binocular Flyer	Discussion Decision	Pat Kelly	n/a

	12. Update: 2015 GA Video Editing	Information Discussion	Judy Black Gregg Dill	<i>Refer to Agenda Note #3</i>
	13. Update: Evaluation of Zoom Account	Information Decision	Judy Black	<i>Refer to Agenda Note #4</i>
	14. Update: Service Award Nominations <ul style="list-style-type: none"> James Edgar (Dave Chapman, Pat Kelly) Blair MacDonald (Mary Lou Whitehorne) Quinn Smith (Dave Chapman, Mary Lou Whitehorne) 	Information Discussion	Dave Chapman Pat Kelly Mary Lou Whitehorne	n/a
NEW BUSINESS				
	15. Nomination Committee Formation	Discussion Decision	Judy Black	<i>Refer to Agenda Note #5</i>
	16. Inclusivity and Diversity Committee - Sensitivity Training	Information Discussion	Paul Heath	n/a
DEFERRED				
	17. Status: Halifax Centre Priority Setting	Discussion Information	Judy Black	n/a
	18. Update: Halifax Centre Business Cards	Discussion Decision	Wayne Harasimovitch	n/a
	19. Communications Strategy	Discussion Decision	Judy Black	No meetings have been scheduled
8:00 PM	Adjournment			

RASC, Halifax Centre Members' Meeting
Saturday, September 12, 2020: 1:00 PM – 4:30 PM
[Via Zoom - Webinar ID 708-618-956](#)

Agenda Items			
Time	Item	Purpose	Responsibility
1:00 PM	1. Welcome & Introductions Photo Montage	Information	Judy Black Paul Gray
	2. Outreach Opportunities <ul style="list-style-type: none"> Food for the Soul 	Information	Paul Heath
	3. What's Up?	Information	Dave Chapman
	4. News from the Board	Information	Judy Black
	5. Presentation: Observer's Handbook Solar Observing	Presentation	David Hoskin
	6. Librarian's Report	Information	Wayne Harasimovitch
	7. Youth Activity	Activity	Paul Heath
	8. Special Presentation: Part 6 of Nova East – The COVID-19 Edition Speaker Series All About Mars: The Science of What You're Seeing	Presentation	Patrick Kelly
4:00 PM	9. Adjournment		

SMU Reservation** / Zoom Reservations***

Meeting Dates	Executive Meeting			Member Meeting		
	Rm #	Time Booked with SMU	Actual Meeting Time (PM)	Rm #	Time Booked with SMU	Actual Meeting Time
Zoom Members Meetings (in RASC Zoom Account)						
September 12/20: Booked as 3.5-hour, Webinar ID 708-618-956						
October 3/20: Booked as 3.5-hour webinar, Webinar ID 886-1020-6409						
November 7: Booked as 3.5-hour webinar, Webinar ID 891-3105-6268						
December 5: Booked as 3.0-hour webinar, Webinar ID 872-2438-8991						
Zoom Board Meetings (in Halifax Centre Zoom Account)						
Sept 3/20: Booked as 2-hour meeting, Meeting ID 928 6219 4634						
Sept 24/20: Booked as 2-hour meeting, Meeting ID 910 3107 7644						
Oct 29/20: Booked as 2-hour meeting, Meeting ID 983 1355 0710						
Nov 26/20: Booked as 2-hour meeting, Meeting ID 927 7855 3222						
Zoom NE COVID-19 Edition (in Halifax Centre Zoom Account)						
Sept 1/20: Booked as 1.5-hour meeting, Meeting ID 941 5577 7176 (Paul Heath)						
Sept 8/20: Booked as 1.5-hour meeting, Meeting ID 961 7402 6901 (Patrick Kelly)						

** At this time SMU is not in the position to offer meeting facilities in the Fall to external clients and will advise when the situation changes.

*** Halifax Centre presentations will be booked on Zoom:

- a) Members Meetings on the national RASC webinar account
- b) Board Meetings on the Halifax Centre meeting account
- c) Nova East Speaker Series on the Halifax Centre meeting account

Halifax Centre Board of Directors - Minutes of Meeting September 3, 2020: 6:00 PM – 8:00 PM held via Zoom (Meeting ID 928 6219 4634)

Present: Judy Black, Mary Lou Whitehorne, Paul Heath, Peter Hurley, Wayne Harasimovitch, John Liddard, Matt Dyer, Paul Gray, David Hoskin, Pat Kelly

Regrets: Tom Crosman, Gregg Dill

1. Welcome & Introductions

Judy Black called the meeting to order at 6:28 PM, when a quorum had joined the Zoom meeting, and welcomed members. The meeting agenda was reviewed. Peter Hurley requested that changing further Board meetings start time to 7pm be added to the agenda. Paul Gray requested RASC calendars be added to agenda; it was agreed to add it before the deferred items as Item #17.

200903MN-Mot01

It was moved by Paul Heath and seconded by Wayne Harasimovitch to approve the September 3, 2020 Board of Directors meeting agenda, as amended.

CARRIED.

The Action Lists were reviewed.

From January 2020

Action 5: Open.

From February 2020

Actions 6: Open.

Action 7: Closed. Paul Heath indicated that the paperwork required by Parks Canada for the Young Naturalists event at York Redoubt was much like the paperwork required for events at Kejimikujik.

From March 7, 2020

Action 4: Closed. Wayne Harasimovitch had been discussing this with John and Paul and has volunteered to check at work for the necessary material. New action.

200903MN-Act01

Wayne Harasimovitch to explore obtaining the necessary material to repair the free-standing banner, so John Liddard can 3D print the needed part.

From April 16, 2020

Action 9: Open. National Council is still in process of editing the National Centre Manual.

From May 21, 2020

Action 2: Closed.

Action 5: Open.

Action 14: Closed.

Action 15: Open. John has received one quote of \$2900, which is likely high because of items that have been included. He expects a second quote tomorrow and will seek a third quote.

From June 18, 2020

Action 1-6: Closed.

Action 7: Open.

Action 8: Closed.

The minutes of the June 18, 2020 Board of Directors meeting were reviewed. No changes were requested.

200903-Mot02

It was moved by David Hoskin and seconded by Paul Gray to approve the minutes of the June 18, 2020 Board of Directors meeting as circulated.

CARRIED.

ONGOING ITEMS

2. Upcoming Meeting Dates & Guest Speakers

a) SMU Room Bookings

At this time, SMU is not in a position to offer meeting facilities in the Fall to external clients and will advise when the situation changes.

b) 2020 Meeting date confirmation:

There will likely be no Fall face-to-face meeting. Centre Members' meetings have been booked on the National Zoom account as webinars. The remaining Nova East talks will be hosted on the Centre Zoom account as meetings. The Centre Board of Directors meetings have been booked on the Centre Zoom account as meetings. See Agenda notes for dates and details.

The status of the September BBQ remains undetermined.

c) Guest Speakers and Ideas for Future Presentations

Nicole Mortillaro is scheduled guest speaker in September but may not be able to present. If that is the case, then Pat Kelly will present his Nova East talk scheduled for September 8 instead as the guest speaker at the Members' Meeting on September 12, 2020. Lauchie Scott is scheduled as the guest speaker in October. Glenn Roberts is scheduled as guest speaker in November. No guest speaker is booked for the December AGM but Luigi Gallo or graduate students are still a possibility.

d) OH Presentations

Devised for Board of Directors Meeting: 03 September 2020 (200903AG)

David Hoskin has agreed to make the OH presentation at the September meeting. There was some discussion whether there were still topics in the OH that didn't require full-length presentations. Presentations from other publications, or about how to use the RASC Calendar (perhaps at the December AGM), or about the Explore the Universe Guide or Skyways were also suggested as alternatives for presentation topics.

e) *Start time of future Board of Directors Zoom meetings*

It was agreed to change the start time of future Board Zoom meetings to 7:00 pm.

3. Report from National Council Representative

Pat Kelly indicated the next National Council meeting was scheduled for September 20, 2020. Two main topics for discussion are the RASC Bylaws and Constitution as well as a review of the Centre Manual prior to circulation to the Centres.

4. Outreach / Inreach

Paul Heath raised the question of whether there were suggestions of how to protect binocular and telescope eyepieces so that small outreach observing activities such as with scout groups could occur safely. There was much discussion but no resolution. Zoom will continue to be used for virtual observing and special astroimaging sessions.

International Observe the Moon Night occurs on September 26 this year. Peter Hurley raised the possibility of presenting a virtual Lunar Observing activity using a Zoom meeting similar to the session done by Blair MacDonald and Dave Chapman on April 29, 2020. He had approached Blair and Dave and they indicated interest and Judy Black has agreed to host the session, but Blair may not have a clear line-of-sight of the Moon until 10:00 pm from his location. Jerry Black is exploring whether he would have a line-of-sight earlier in the evening and that he could webcast an image. Dave Lane was suggested as another member who might be able to do this.

5. RASC-Halifax Centre Website

Judy Black reported that the September *What's Up?* had been added and the Nova East page had been updated.

6. Financial Update

Gregg Dill had emailed the Board on September 1 indicating he would be unable to attend the meeting on September 3. He indicated that we had a GIC due September 20 and asked if we wanted to cash it. He provided an unconfirmed renewal rate from TD Bank. He asked if we did reinvest it, did we want to increase the amount. He also asked about the timeline for SCO electrification, reported our current bank balance of \$8,088 with a \$500 cheque outstanding to Halley Davies for editing the 2015 GA videos. On September 2, Gregg emailed the Board to clarify that the \$500 cheque is off-set by a cheque from RASC as an in-out transaction, and to remind us that 2 additional GICs (\$4,000 each) were maturing in June 2021.

There was much discussion of the situation regarding bringing electrical power to SCO, reviewing what had been done, and what was required to proceed. There was also much discussion regarding the cost and how we might cover those costs. It was agreed there would be little benefit in re-investing the \$2,000 GIC and having the cash-on-hand would leave us better prepared to address funds required to proceed with SCO electrification.

200903MN-Mot03

It was moved by Peter Hurley and seconded by Paul Gray to cash the \$2,000 GIC due on September 20, 2020.
CARRIED.

The conclusion reached was that we required a special meeting of the Board to address this question of SCO electrification as soon as possible, and that Gregg's attendance was essential.

200903MN-Act02

Judy Black to contact Gregg Dill to determine dates/times he would be available for a special meeting and then call a special meeting of the Board to address how to proceed with the electrification of SCO and the associated funding requirements.

UPDATES / REPORTS

7. SCO Status

Following the discussion of the requirements associated with the electrification of SCO, there was further discussion of running conduit between the buildings. And of the need for propane and carbon monoxide sensor alarms in the warm room. And John pointed out that the single electrician quote he had obtained included all inspections required.

John Liddard indicated he had been doing some cleaning up in preparation for the BBQ and that some exterior painting was required. We agreed that he should proceed to make the necessary paint purchase.

200903MN-Mot04

It was moved by Paul Heath and seconded by Pat Kelly that funds up to \$50.00 be available to purchase a can of paint for SCO maintenance.

CARRIED.

It was pointed out that under the present Guidelines for the Use of SCO, only 10 people are permitted onsite at one time, and that we would need to revise the Guidelines to permit the BBQ. After further discussion, members agreed that we should cancel the BBQ for 2020.

8. Report: Nova East Planning Committee Meeting

An update from the Nova East Star Party Planning Committee was included as Agenda Note #2. Jenna Hinds at RASC will include the invitation to the September 8 edition of the Nova East Speaker Series with Pat Kelly's talk about Mars. Judy reminded us that there would be no revenues associated with t-shirt sales this year, as those wishing shirts would be arranging purchase and printing of the shirts themselves. Also, the deadline for the Astroimaging contest submission date had been changed to midnight September 18, 2020.

Paul Heath left the meeting at 8:10 PM.

9. Update: The Discovery Centre

Wayne Harasimovitch and Peter Hurley summarized their recent activities to foster collaboration with the Discovery Centre. The Discovery Centre opened to the public in mid-July, 9:00 am-12 noon and 1:00 pm-4:00 pm Thursday-Sunday, with rigorous controls and limitations on public movement through the facility. They are using themes every other weekend. On the weekend of September 26/27, because of International Observe the Moon Night on September 26, they have invited us to participate in an Astronomy Theme with them that weekend. Wayne, Peter and Tony Schellinck met with Japna Sidhu-Brar of Discovery Centre in a Zoom meeting on August 26 to explore options. Wayne and Peter then made a site visit to the Discovery Centre on August 29 to review their safety and security protocols and to discuss traffic flow and the location of activity stations and the use of tables and barriers to assist with distancing. Wayne and Peter described 3 activities that they were proposing: Information table with starfinders, binocular/telescope display and a game "Celestial Pursuits". It was agreed that they would present these at the Members' Meeting on September 12 and ask for volunteers.

200903MN-Act03

Wayne Harasimovitch and Peter Hurley to present proposal to Centre Members' meeting on September 12 for outreach activity at Discovery Centre on September 26/27 weekend and ask for volunteers.

10. Update: Library

Wayne Harasimovitch reported that the library would remain closed as long as COVID-19 restrictions kept SMU closed to students and outside groups.

11. Report: Binocular Flyer

Pat Kelly will report back next meeting.

12. Update: 2015 GA Video

Judy Black reported that the work had been completed, the videos were all loaded onto the RASC Halifax YouTube account. She noted that the payment of \$500 to Halley Davies appeared in the email from Gregg Dill as an in-out transaction. She referred the Board to Agenda Note #3 for a list of the completed videos and the number of views each had received.

13. Update: Evaluation of the Zoom Account

Judy Black referred the Board to Agenda Note #4. It was agreed that the Zoom account was a good investment. A complete report would be presented at the November Board meeting.

14. Update: Service Award Nominations

Judy Black requested an update as to the status of the nominations suggested at a previous meeting. Pat Kelly pointed out that the Fellowship of the RASC Award nomination was a National activity. Mary Lou indicated that preparing a National Award nomination was a lot of work and asked who was in the Awards Committee Chair. There were two nominations from this Centre; she suggested that nothing was likely to be done before the October Board meeting and we would need a nudge from the President at that point.

NEW BUSINESS

15. Nomination Committee Formation

Judy Black reminded the Board of the upcoming AGM in December and referred members to Agenda Note #5 regarding the Bylaw requirement to form a Nomination Committee. This Committee will need to make a call for nominations by October 1. She asked if Board members would consider being a member of the Nomination Committee or could they recommend someone from the Centre. She asked members to consider whether they will re-offer to sit on the Board. That will need to be communicated to the Nomination Committee. At this point, we know that we will need a new Nova Notes editor, as Charles White has indicated he is stepping down as of December 31. A new National Council member is required as Pat Kelly is retiring from that role; however, Pat agreed he would remain as a Halifax centre director. It was pointed out that we should endeavour to recruit some younger members to the Board. Dave Chapman and Chris Young were suggested as possible Nomination Committee members.

16. Inclusivity and Diversity Committee – Sensitivity Training

Judy Black had circulated to the Board an invitation she had received from the RASC Presidents List to a Zoom meeting training session. The invitation, from the Canadian Centre for Gender and Sexual Diversity in partnership with the RASC Inclusivity and Diversity Committee, was to a Gender Diversity and Sexuality training Zoom session on August 22, 2020. Four Halifax Centre members participated (total 23 participants including the 2 presenters) and they had the information should be shared with our membership.

Paul Heath, who is a member of the I&D Committee, gave Board members a background to the training session. He indicated that further training sessions were in preparation on other I&D issues. The session invitation had been intended for Boards, but some Centres had distributed it to Members, others had not circulated it. Judy proposed to circulate a copy of the session to our Board members when it was available. It was agreed to pass the information on to our membership at the Centre Members' meeting.

17. RASC 2021 Calendars

Given the pandemic, the method of distribution and sale were discussed. Judy had confirmed with Gregg Dill prior to this meeting that an e-transfer to the treasurer similar to that done for Nova East was acceptable. He would collect the funds and the mailing address attached to the payment made. Paul Gray agreed to place the order for 40 calendars and Judy Black agreed to pick them up at the Dartmouth printers. Wayne Harasimovitch agreed to do the packing and mailing on our behalf.

200903MN-Act04

Paul Gray will place the order for 40 calendars on behalf of RASC Halifax Centre.

200903MN-Act05

Judy Black will pick up the calendars at the printers in Dartmouth after Paul Gray provides details regarding date and locations for pick-up.

200903MN-Act06

Wayne Harasimovitch will package and mail calendars as orders are received from Gregg Dill.

DEFERRED

Items 17, 18 and 19 were deferred.

Adjournment

Judy Black adjourned the meeting.

Adjournment at 8:55 PM.

Respectfully Submitted,
Peter Hurley, Secretary

ACTION LIST (as of September 3, 2020):

<i>From January 2020</i>		
200111MN-Act05	Gregg Dill and John Liddard will establish the value of capital equipment when the inventory is complete.	Open
<i>From February 2020</i>		
200201MN- Act 06	Pat Kelly will circulate the RASC Centre Manual to members for comment when it has been received.	Open
<i>From April 16, 2020</i>		
200416MN-Act09	Pat Kelly to draft a revised binocular flyer for review.	Open
<i>From May 21, 2020</i>		
200521MN-Act05	Judy Black to contact Luigi Gallo to explore if he or his graduate students would be interested in speaking.	Open
200521MN-Act015	John Liddard to obtain price quotes from 3 electricians once the electrical requirements for SCO are determined.	Open
<i>From June 18, 2020</i>		
200618MN-Act07	Pat Kelly to contact Dave Chapman regarding helping with the James Edgar nomination.	Open
<i>From September 3, 2020</i>		
200903MN-Act01	Wayne Harasimovitch to explore obtaining the necessary material to repair the free-standing banner, so John Liddard can 3D print the needed part.	Open
200903MN-Act02	Judy Black to contact Gregg Dill to determine dates/times he would be available for a special meeting and then call a special meeting of the Board to address how to proceed with the electrification of SCO and the associated funding requirements.	Open

200903MN-Act03	Wayne Harasimovitch and Peter Hurley to present proposal to Centre Members' meeting on September 12 for outreach activity at Discovery Centre on September 26/27 weekend and ask for volunteers.	Open
200903MN-Act04	Paul Gray will place the order for 40 calendars on behalf of RASC Halifax Centre.	Open
200903MN-Act05	Judy Black will pick up the calendars at the printers in Dartmouth after Paul Gray provides details regarding date and locations for pick-up.	Open
200903MN-Act06	Wayne Harasimovitch will package and mail calendars as orders are received from Gregg Dill.	Open

MOTION LIST (September 3, 2020):

200903MN-Mot01	It was moved by Paul Heath and seconded by Wayne Harasimovitch to approve the September 3, 2020 Board of Directors meeting agenda, as amended. CARRIED.
200903MN-Mot02	It was moved by David Hoskin and seconded by Paul Gray to approve the minutes of the June 18, 2020 Board of Directors meeting, as circulated. CARRIED.
200903MN-Mot03	It was moved by Peter Hurley and seconded by Paul Gray to cash the \$2,000 GIC due on September 20, 2020. CARRIED.
200903MN-Mot04	It was moved by Paul Heath and seconded by Pat Kelly that funds up to \$50.00 be available to purchase a can of paint for SCO maintenance. CARRIED.

AGENDA NOTES

Agenda Item, Proposed By, & Date Proposed	Description Received (& Proposed Motion, if Applicable)
Agenda Note #1 re Item #2: 2020 Approved Meeting Dates and Events	<p>2020 Approved Members Meeting Dates and Events (<i>Note: A low-key Kejimkujik Fall for the Stars is slated for Sept 19-21. DSW is cancelled due to logistics of Park access.</i>)</p> <ul style="list-style-type: none"> ○ Nova East: The COVID-19 Edition, August 4 – Sept 8 ○ September 12 – Nicole Mortillaro ○ September BBQ date TBD (New Moon: Sept. 17) ○ October 3 – Scott Lauchie (“A Snapshot of DRDC Space Situational Awareness Research and Development”) ○ November 7 – Glenn Roberts (Chronicle Herald) ○ December 5 (AGM) <p>Suggested Speakers</p> <ul style="list-style-type: none"> ● Contact Luigi Gallo re: use of students in a specific month of the year for presentations ● Representative for Canso Spaceport ● Subject to address: Great Debate of Shapley & Curtis – 100 years later: the true nature of the cosmos as we know it
Agenda Note #2 re Item 8: Nova East Report	<p>Nova East Star Party Planning Committee (NEPC) Nova East – The COVID-19 Edition!</p> <p>1. Speaker Acquisition & Agenda</p> <p>The speaker series was held as follows:</p> <ol style="list-style-type: none"> 1. Each session is approximately 1 hour long – 7 PM to 8 PM. 2. Sessions are held as a Zoom meeting on the Halifax Centre meeting account. 3. The sessions are held on Tuesday evenings:



- a. Held:
 - i. August 4 (Kathy Walker), 78 registered with 68 logged in; 72 YouTube views
 - ii. Aug 11 (David Hoskin), 38 registered (includes 16 Halifax Centre) with 22 logged in; 70 YouTube views
 - iii. Aug 18 (Keegan Oickle & Fiona Morris), 30 registered (includes 16 Halifax Centre) with 16 logged in; 48 YouTube views
 - iv. Aug 25 (Tony Schellinck), 65 registered (includes 13 Halifax Centre) with 48 logged in; 67 YouTube views
 - v. Sept 1 (Paul Heath), 48 registered
- b. Upcoming: Sept 8 (Patrick Kelly), 28 registered

Halifax Centre members had the first go at registering before non-members were notified through other social media (Astronomy NS, RASC via “What’s Up this Week at RASC?”). All sessions are recorded and posted on the RASC Halifax Centre YouTube channel.

2. Clothing (t-shirt)

Information on how to order a t-shirt was provided on the Nova East website. There is no method of tracking how many people have in fact ordered one, either here or in other Centres.

3. Astroimaging Contest & Prizes

Allen Sutherland at APS requested the contest be postponed to later in the fall when a better estimation of his involvement would be known. He also noted that a deadline for use of the certificate would be included in the letters provided to winners. Chris Young and Judy Black will make a second inquiry regarding prizes.

Given the uncertainty of APS being able to provide first prizes for the three categories, the Board agreed it would be great if prizes were available but if not then bragging rights would be sufficient for this year.

The dates for photo submissions were decided – Friday, August 21, 2020 to midnight Friday, September 11, 2020. The contest would be promoted on our website and at each of the Nova East Speaker Series sessions. Members agreed the winners would be announced at the October 3, 2020 Members’ Meeting, followed by inclusion on the Centre and Nova East websites.

4. Date of Next NEPC Meeting (Wrap-Up)

- October 2020

Respectfully Submitted,
 Judy Black, Chair
 Nova East Planning Committee

**Agenda Note #3 re
 Item 12: 2015GA
 Video Editing**

**Summary of Views on YouTube
 (as of September 1, 2020)**

Presenter	Title	# Views
Dr. Roy Bishop	The Ocean Tides of 2015	380
Dr. Rob Thacker	Galactic Archaeology – Raiders of the lost Galaxy	338
Dave Chapman, Cathy Leblanc	One Moon – Two Eyes (Mi’kmaw Moons)	238
	RASC GA Halifax 2015	122
Melanie & Emma Seabrook	The Search for Exoplanets: Does Size Matter?	107
Dave Turner, Randall Rosenfeld	Painting the Vault of Heaven: the St. John’s Lunenburg Celestial Ceiling	95
Andrea Misner	Astronomy Without Borders	92
Paul Heath	Walk to the Moon: A Hands-on Demo	79
Dr. Anne Archibald	The Study of the Accretion of PSR J1023+0038	64

	Professor B. Ralph Chou	The New ISO Standard for Solar Filters	48																					
	Frank Dempsey	Studies of the Variable Star Betelgeuse Using Observations from Amateur Astronomers	40																					
Agenda Note #4 re Item 13: Zoom Account Summary	<p>RASC Halifax Centre Update – 2020 Zoom Account Summary</p> <p>Zoom Usage: Tables 1 and 2 provide the detailed summary of the RASC and Halifax Centre usage since March 26, 2020. With the details in the chart below, here is the quick summary:</p> <ul style="list-style-type: none"> • 7 members’ meetings – 3 held, 4 booked for the Fall in RASC account • 5 sessions/tutorials held in Halifax Centre account • 6 sessions booked for Nova East: The COVID-19 Edition! in Halifax Centre account • 6 Board meetings held – 2 in RASC account, 4 in Halifax Centre account; Fall meetings TBD • 2 Nova East Planning Committee in Halifax Centre account; fall wrap-up meeting date TBD <p>To determine usage, meetings must have registered attendees; the reports provide only the number registered, not the number actually logged in. On the other hand, webinars provide 4 sets of data for those sessions that required registration: number registered, total users, unique viewers and maximum concurrent.</p> <p>Table 1: Members’ Meetings & Special Presentations</p> <p>Members’ Meetings (in RASC Zoom Account)</p> <p>Members Meetings</p> <ul style="list-style-type: none"> • April 4/20: Booked as 3.5-hour, Webinar ID 309-042-957 • May 21/20: Booked as 3.5-hour, Webinar ID 333-078-510 • June 13/20: Booked as 3.5-hour, Webinar ID 908-463-589 • September 12/20: Booked as 3.5-hour, Webinar ID 708-618-956 • October 3/20: Booked as 3.5-hour webinar, Webinar ID 886-1020-6409 • November 7: Booked as 3.5-hour webinar, Webinar ID 891-3105-6268 • December 5: Booked as 3.0-hour webinar, Webinar ID 872-2438-8991 <p>Statistics: (can only be obtained when participants register for the session)</p> <table border="1"> <thead> <tr> <th>Date</th> <th>Registered</th> <th>Unique Viewers</th> <th>Maximum Concurrent</th> <th>Total Users</th> </tr> </thead> <tbody> <tr> <td>May 21</td> <td>41</td> <td>30</td> <td>28</td> <td>57</td> </tr> <tr> <td>April 4</td> <td>37</td> <td>33</td> <td>32</td> <td>53</td> </tr> <tr> <td>June 13</td> <td>44</td> <td>41</td> <td>37</td> <td>68</td> </tr> </tbody> </table> <p>Special Sessions & Tutorials (in RASC Zoom Account)</p> <ul style="list-style-type: none"> • April 11/20: ImagesPlus Processing Walkthrough (Blair MacDonald, 1.5-hour session) Meeting ID 519-178 <p>Special Sessions & Tutorials (in Halifax Centre Zoom Account)</p> <p>Image Processing Tutorials</p> <ul style="list-style-type: none"> • May 1/20: PixInsight Workflow (Jeff Donaldson, 1.5-hour session) • May 5/20: Introduction to Image Process using ImagesPlus (Blair MacDonald, 2.5-hour session) Meeting ID 995-3424-1344 • May 29/20: ImagesPlus, Session 2 (re Noise Reduction) (Blair MacDonald, 1.5-hour session) Meeting ID 950-9958-7446 • Imaging Session from Marion Bridge & Enfield (Blair MacDonald, Jeff Donaldson, 4-hour session) <p>Virtual Observing Tutorials</p>				Date	Registered	Unique Viewers	Maximum Concurrent	Total Users	May 21	41	30	28	57	April 4	37	33	32	53	June 13	44	41	37	68
Date	Registered	Unique Viewers	Maximum Concurrent	Total Users																				
May 21	41	30	28	57																				
April 4	37	33	32	53																				
June 13	44	41	37	68																				

- April 29/20: “Explore the Moon” Virtual Lunar Observing Session (Dave Chapman & Blair Ma 3-hour session)

NE COVID-19 Edition

- Aug 4/20: Booked as 1.5-hour meeting, Meeting ID 984 9049 3942 (Kathy Walker)
- Aug 11/20: Booked as 1.5-hour meeting, Meeting ID 932 0146 1322 (David Hoskin)
- Aug 18/20: Booked as 1.5-hour meeting, Meeting ID 926 3619 5531 (Keegan Oickle, Fiona M)
- Aug 24/20: 1-hour Practice session with Tony Schellinck & Dave Chapman (Meeting ID# 966
- Aug 25/20: Booked as 1.5-hour meeting, Meeting ID 994 9221 8125 (Tony Schellinck)
- Sept 1/20: Booked as 1.5-hour meeting, Meeting ID 941 5577 7176 (Paul Heath)
- Sept 8/20: Booked as 1.5-hour meeting, Meeting ID 961 7402 6901 (Patrick Kelly)

Date	Registered	Maximum Concurrent
August 4	109	68
August 11	45	22
August 18	33	16
August 25	92	48
September 1	49*	

*Number registered as of 2 PM on September 1

Table 2: Board of Directors and Committee Meetings

Board of Directors (in RASC Zoom Account)

Board of Directors Meetings

- March 26/20: Booked as 2-hour meeting, Meeting ID 990-043-157
- April 16/20: Booked as 2-hour meeting, Meeting ID 973-795-795

Board of Directors & Committee Meetings (in Halifax Centre Zoom Account)

Board of Directors Meetings

- May 13/20: Booked as 1-hour special meeting re SCO, Meeting ID 947-3203-0999
- May 21/20: Booked as 2-hour meeting, Meeting ID 947-3203-0999
- June 18/20: Booked as 2-hour meeting, Meeting ID 989-1746-3823
- September 3/20: Booked as 2.5-hour meeting, Meeting ID 949-2261-2297
- September 24/20: Booked as 2.5-hour meeting, Meeting ID 910-3107-7644
- October 29/20: Booked as 2.5-hour meeting, Meeting ID 983-1355-0710
- November 26/20: Booked as 2.5-hour meeting, Meeting ID 927-7855-3222

SCO Opening Task Team

- June 1/20: Booked as 1-hour meeting, Meeting ID 981-4293-7037

Nova East Planning Committee (NEPC)

- May 9/20: Booked as 2-hour meeting, Meeting ID 922-2959-3094
- May 23/20: Booked as 2.5-hour meeting, Meeting ID 940-9854-5995
- October Wrap-up meeting TBD

Statistics: (only number registered for the session can be obtained; no breakdown as in webinars)

Date	Registered	Attended
May 9 (NEPC)	7	8
May 13 (SCO Special Meeting)	2	8
May 21 (Board of Directors)	8	9
May 29 (ImagesPlus, Session 2)	13	14
June 1 (SCO Task Team)	2	3

Respectfully Submitted,
Judy Black, President

<p>Agenda Note #5 re Item 15: Nomination Committee Formation</p>	<p>Every year, up to 3 Halifax Centre members (with the President as an <i>ex officio</i> member) must comprise a Nominating Committee. Their role is to develop a slate of officers and appointees to the required positions within the RASC Halifax Centre as per <i>Policy B2: Terms of Reference – Ordinary Committees of RASC Halifax Centre</i>. Look to your Board Policy Manual for the details of this policy.</p> <p>The committee is required to call for nominations by October 1. This can be done on their behalf by email to the Announce List and a reminder at the upcoming Members’ Meeting of September 12. Their job is basically to “seek, identify and recruit qualified individuals to stand for election as a member of the Board.”</p> <p>In all likelihood, our Board meetings for 2021 will probably all be held via Zoom; this will be determined by the incoming Board and the status of COVID-19 in Nova Scotia affecting room acquisition. Holding meetings via Zoom would reduce the need to travel and therefore could enhance recruitment of members outside Metro.</p> <p>I ask Board Members to consider the following:</p> <ol style="list-style-type: none"> 1. Would you consider being a member of the Nominating Committee, or can you recommend someone from our Centre to be recruited for this role? 2. Will you re-offer to sit on the RASC Halifax Centre Board of Directors for the calendar year 2021? Your answer will be required by the Nominating Committee once appointed. <ol style="list-style-type: none"> a. Please note that resignations effective December 31/20 have been received from Paul Gray (Vice-President) and Charles White (Editor, Nova Notes)
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