



JPL Amateur Radio Club

W6VIO

JPL ARC, Attn: Rob Smith, MS 301-270
4800 Oak Grove Drive, Pasadena, CA 91109

JPL ARC website: <http://jplarc.ampr.org>

JPL ARC Board of Directors Meeting
1st Working Friday Every Month
JPL Location: 161-228

Call in: 510-210-8882

Meeting Number: 907 086 604

View meeting on: <https://jpl.webex.com/>

Steve Townes WB4ILW

February 8, 2019



Agenda

- Welcome
- Updates—standard reporting
 - Secretary’s Report (Jonathan KF6RTA)
 - Treasurer’s Report (Chuck KG6NF)
 - Monday Net Statistics (Chris W6YTB)
 - NASA-On-The-Air (Rob, W6GRV)
- Other topics
 - Meeting announcements
 - Future Talks for General Meeting
 - 2019 Budget
 - Proposed collaboration with PRC on contest operation



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Standard Updates



Secretary's Report

Membership update:

- 28 people paid dues (includes 4 spouses)
- 21 voting members
- 6 New members:
 - W6GMC Gary Carman
 - WA6KPW Jim Longthorne
 - KI6OML Costin Radulescu
 - KM6PTK Florin Tudor
 - Joshua Vander Hook (no license yet)
 - Thomas Dodge (no license yet)

(many members from last year have not paid so Jonathan and Steve will be working this challenge)

- % ARRL Membership (of voting members): 66.7
 - We encourage ARRL participation for all of the benefits you get but also for the “cut” of the dues that stay here with the JPL ARC

Dues are Due!

Please submit a new application and \$20 to Jonathan per the instructions on the website

<https://jplarc.ampr.org/about/membership/>



Treasurer's Report

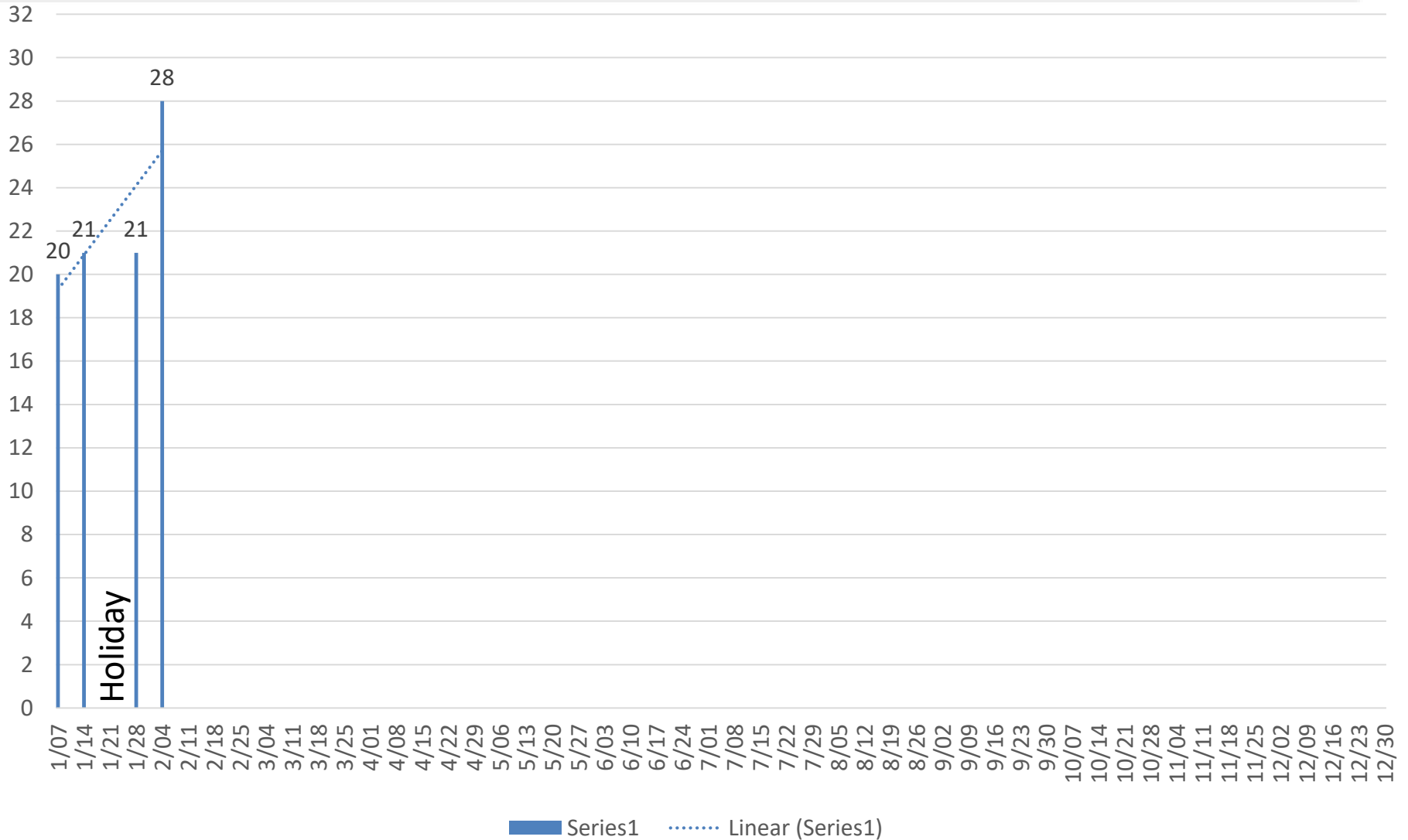
January 2019 Activity

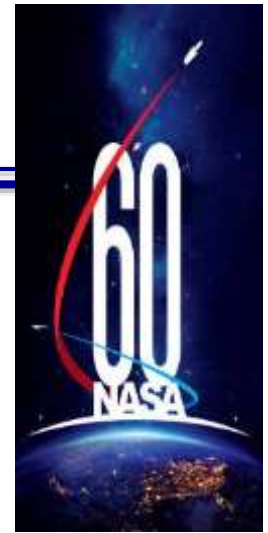
Beginning Balance	\$ 3,566.77	1/1/19
Deposits	\$ 420.00	2019 Membership Dues
	\$ 2.00	ARRL Membership Commission
	\$ 60.00	2018 Membership Dues
Withdrawals:	\$ -	
Ending Balance	\$ 4,048.77	1/31/19

So far in Feb: 80\$ additional dues for a total of \$4128.77



2019 Club/JEARS Net Check-Ins





- NASA On The Air 60th Anniversary of NASA
 - December 14, 2017 through December 27, 2018
 - Over 30,000 contacts were made across all the NASA Centers
 - Very positive public response & Excellent NASA outreach
- NOTA Event July 16 to 24, 2019 - Apollo 11 50th anniversary
 - NOTA coordinators plan to activate the Contact Tracking System
 - Hope to have participation from all the NASA ARCs
 - Telecon planned for June 2019 to coordinate
- Closeout Telecon on Friday, Feb. 1, 2019
 - All logs have been up posted to NOTA website
 - Certificates now available at: <https://nota.ka0s.net/>
 - As we bid goodbye to the event
 - Many expressed their appreciation
 - Discussed the ARRL Grid Square chase & that it reset regularly
 - Discussed cost & effort it would take to reset the event for 2019
 - Look for some sort of announcement soon

Twitter, Sunday, Feb. 3, 2019:





NOTA 2019 Event

Assuming it happens

- What would a 2019 Event look like for JPL ARC?
 - Key thoughts in the NASA Radio Club Telecon
 - The number of contacts is great, but only part of the event
 - Club Member Participation
 - Club (and home) Station Capability Implementation
 - Operator Training & Mentoring
 - Guest Operators
 - Thoughts about JPL ARC member participation
 - All operators need to schedule their operating time slots
 - Elmers to mentor others
 - Includes mentoring each other on modes & equipment we have not used
 - Invite club members to shack to operate as a group
 - Participate as a club in contests (like CQ WW WPX)
 - Can use as station training
 - Can use as Field day training (use FD logging software, ...)
 - Plan a day / time period for JEARS to operate the NOTA event from
 - Any Lesson's Learned?
 - What criteria would you use to call it a successful event in 2019?

Station	Callsign
Ames	NA6MF
Armstrong	NA6SA
Glenn	NABSA
Goddard	WA3NAN
Johnson	W5RRR
JPL	W6VIO
Kennedy	N1KSC
Langley	KG4NJA
Marshall	NN4SA
Stennis	N5SSC
Wallops	W4WFF
White Sands	N5BL

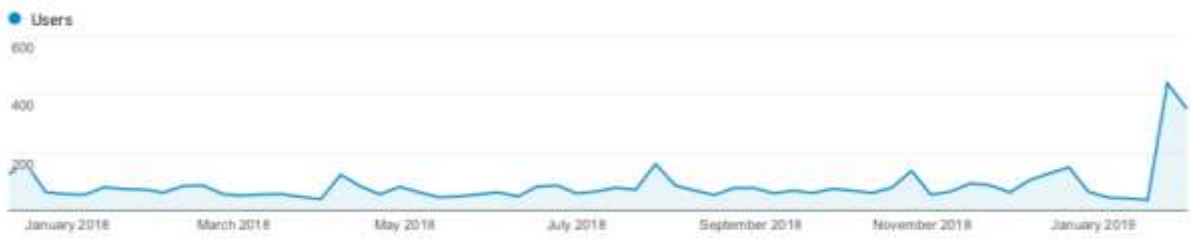


Audience Overview

All Users
100.00% Users

Dec 11, 2017 - Feb 4, 2019

Overview



Users 3,201	New Users 3,233	Sessions 11,439
Number of Sessions per User 3.57	Pageviews 41,988	Pages / Session 3.67
Avg. Session Duration 00:03:28	Bounce Rate 37.85%	



Country	Users	% Users
1. United States	2,181	68.09%
2. France	210	6.56%
3. Canada	101	3.15%
4. Germany	69	2.15%
5. United Kingdom	65	2.03%
6. Argentina	57	1.78%
7. Italy	46	1.44%
8. Brazil	44	1.37%
10. Peru	29	0.91%



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W6VIO Example NOTA Certificate

JPL ARC, Attn: Rob Smith, MS 301-276
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Other Topics



2019 Potential Presentations

January 26: State of the Club Discussion & Q&A (What Does the Club Do, Walk-around

February 22: Repeater Topics, Bob Dengler NO6B

March 22: ?

April 19: ?

May 17: Field Day Prep (June 22-23) Note we also have an “extra meeting” on 5/31

June 28: ?

July 26: ?

August 23: ?

September 20: JEARS & Shakeout—Chris ?

October 18: ?

November 15: Chris—JEARS Shakeout ?

December: No general meeting. No BOD Meeting—replaced by Nov 30

- Other possible topics

- Propagation Software Discussion-Lux?
- Setting Up a Mesh Network Node for under \$100—Josh? (JPL Mesh Network Status & how to use?)
- Steve’s QRP Radio/Getting on HF for under \$100? (Requires that Steve actually finish project)
- Jonathan’s QRP Radio (ditto)
- Using Low-cost handhelds for participating in the Monday Noon Net—no excuses
- Pasadena ARES coordinator
- Generically: What is your latest project?
- Favorite Ham Radio resources (magazines, websites, podcasts, software, etc.)
- Listening to Satellites, etc. with a dongle
- Member station updates?



Proposed 2019 Budget

Item		Notes
Miscellaneous Operating Expenses		
La Canada Post Office Box	\$ 92	<i>Due March</i>
Equipment Purchase and Repair		
Equipment maintenance & repair	\$ 300	
Backup power for 180-r6	\$ 200	
Mesh Node Update	\$ 300	
Misc	\$ 200	
Field Day (assume Art Center with PRC/CITARC again)		
Generator oil and gasoline	\$ 25	
Antenna materials (wire, etc.)	\$ 100	
Logging Software	\$ 50	
Internet/Web Services		
Misc	\$ 100	
Total Expenses:		\$ 1,367



Approved 2018 Budget

Item		Notes
Miscellaneous Operating Expenses		
La Canada Post Office Box	\$ 70	
New QSL Cards	\$ 150	<i>For NASA on the Air</i>
Equipment Purchase and Repair		
Equipment maintenance & repair	\$ 300	
Purchase new HF Radio	\$ 1,500	<i>Icom IC-7300 Purchsed</i>
Misc (eg, backup batteries for 180-R6)	\$ 200	
Field Day (assume Art Center with PRC/CITARC again)		
Generator oil and gasoline	\$ 25	
Antenna materials (wire, etc.)	\$ 100	
Logging Software	\$ 50	
Internet/Web Services		
Misc	\$ 200	
Total Expenses:		\$ 2,595



Notes for CY2019 Budget

- Upgrade mesh node link from JPL to Pleasants Peak--\$250
- Six meter beam, rotor & (maybe) preamp-\$500
- More equipment maint \$\$
- Battery backup 180-R6



Proposed Activity with PRC

All,

David Hodge suggested that we consider using the upcoming ARRL DX (March 2 & 3) and CQ WPX (March 30 & 31) SSB contests to help prepare our 2019 Field Day SSB operators (improve their SSB contesting skills).

If we decide to do these contests then there is a bit of work required to make them happen and it needs to get started right away.

I've attached a .pdf of a .ppt presentation that explains what I think needs to be done to allow us to operate much like we would operate during Field Day so that the training would be most valuable.

Please look over the attached slides and then I would like to hear from each of you what your opinion is as to whether we attempt to do what is described there. Additionally, I would like to know, if we decide to do this, to what extent you can help make it happen.

Thanks in advance for your feedback! — Jim (AA6QI)