



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

January 11, 2019



Agenda

- Welcome
 - Thanks to 2018 Officers/Directors
 - Secretary Matt Bennet rolling off—Thanks!
 - Welcome 2019 Officer/Directors
 - President—Steve Townes WB4ILW
 - Vice President—Alexandra Holloway AE6IN
 - Secretary—Jonathan Cameron KF6RTA
 - Treasurer—Chuck Sarture KG6NF
 - EmComm Manager—Chris Gaylord W6YTB
 - Director-at-Large—Josh Miller KB3UUS
 - Thanks to Jim W6RMK and Rob W6GRV for helping with the Officer Process
- Updates—standard reporting
 - Update this template
 - Discussion of Secretary’s Report (Jonathan KF6RTA)
 - Content, Format, any issues, etc.
 - Treasurer’s Report (Chuck KG6NF)
 - Content, Format, any issues, etc.
 - Monday Net Statistics (nothing today; responsibility?)
 - NASA-On-The-Air (last one)
- Other topics
 - 2019 Budget
 - Finalize proposal today
 - Send out in preparation for discussion & vote in next General Meeting?
 - Work on a budget & expenditures tracking spreadsheet similar to previous AA6QI spreadsheet?
 - Dues
 - Jonathan has worked this
 - Any outstanding issues?
 - Future Talks for General Meeting



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Standard Updates



Treasurer's Report

**JPL Amateur Radio Club
FY 2018 Treasurer's Report
April**

					Date	Item	Delta	Balance
Beginning Balance:		\$ 2,761.77			2018Apr01	Start of month		\$ 2,761.77
Deposits:	+	\$ 805.00	-	Membership Dues	2018Apr26	Membership dues - cash	\$ 210.00	\$ 2,971.77
	+	\$ -	-	Commissions on ARRL individual memberships	2018Apr26	Membership dues - cheque	\$ 595.00	\$ 3,566.77
	+	\$ -	-	Used Equipment Sales				
Subtotal		\$ 805.00						
Withdrawals:	-		-					
	-	\$ -	-					
Subtotal		\$ -						
Ending Balance:		\$ 3,566.77			2018Apr30	End of month		\$ 3,566.77
Increase (Decrease):		\$ 805.00						

No Changes Since April



Secretary's Report

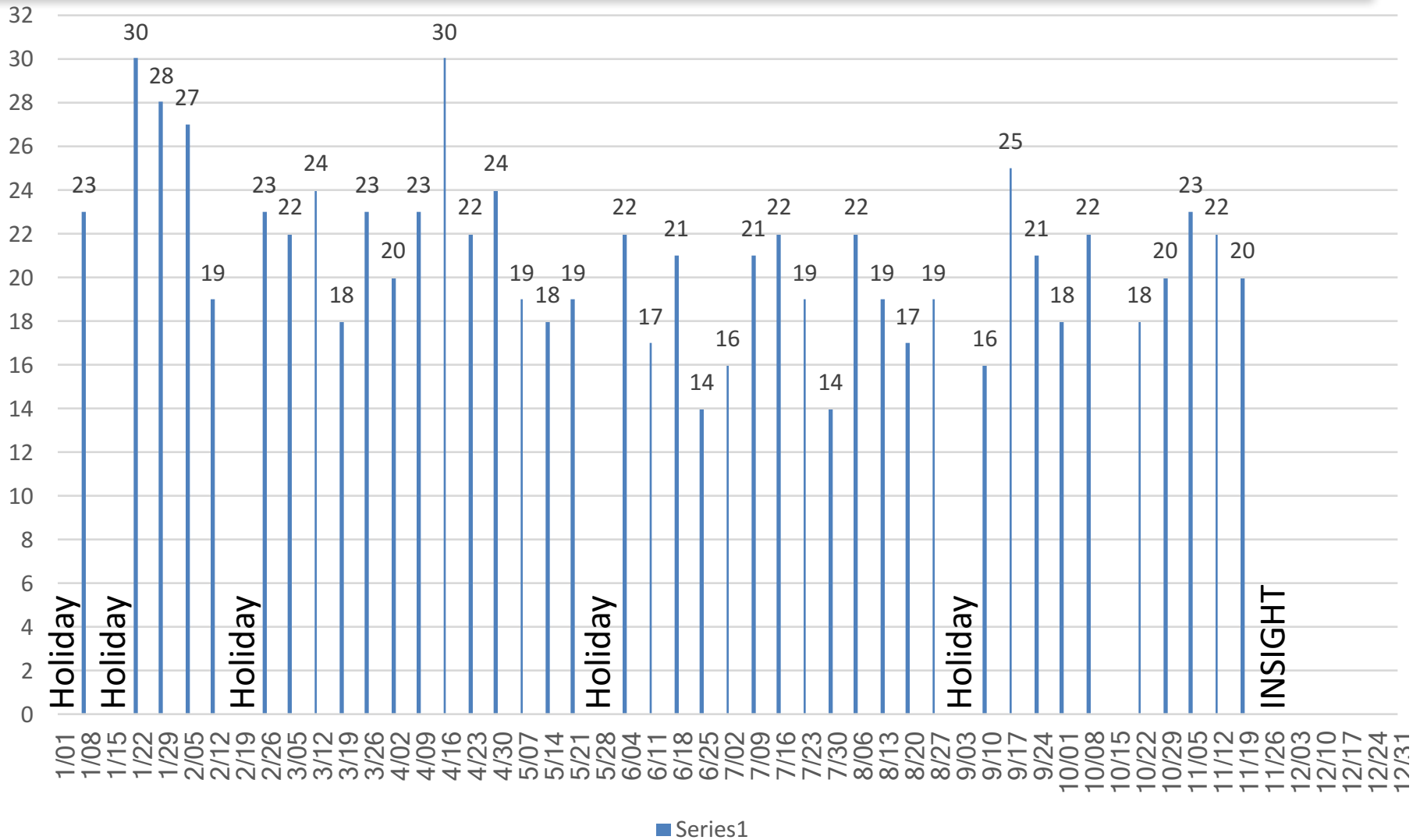
Current membership:

- 47 total club members
- 40 voting members
- ARRL Membership is at ??%
(This is the percentage of licensed & voting members who are also currently ARRL members).

Any change?



2018 Practice Net Check-Ins





W6VIO (NASA On The Air) Event

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- W6VIO has made 7325 NOTA contacts
 - Final: 7325 QSOs as of Dec. 27, 2018

Latest NASA Station Uploads

Station	Callsign	Latest Upload	Latest QSO	Total QSOs
Ames	NA6MF	2018-11-29 03:43:16	2018-11-29 03:35:30	1824
Armstrong	NA6SA	2018-12-19 20:29:41	2018-07-22 02:05:56	167
Glenn	NABSA	2018-12-24 21:29:19	2018-12-23 12:40:30	2079
Goddard	WA3NAN	2018-12-28 03:20:28	2018-10-06 22:58:00	1658
Johnson	W5RRR	2018-12-28 17:32:49	2018-12-27 23:59:00	12179
JPL	W6VIO	2018-12-28 02:09:34	2018-12-27 23:51:35	7325
Kennedy	N1KSC	2018-12-27 18:10:52	2018-12-27 17:58:00	2193
Langley	KG4NJA	2018-06-26 15:12:38	2018-06-23 23:09:00	368
Marshall	NN4SA	2018-12-28 00:39:52	2018-12-27 23:36:00	5165
Stennis	N5SSC	2018-12-24 11:23:30	2018-12-23 23:16:00	1383
Wallops	W4WFF	2018-11-19 13:00:38	2018-11-17 03:02:02	92

Number of Contacts Uploaded

	Morse Code	Phone	Digital	Space	Total
160m	6	6	3	—	15
80m	29	51	13	—	93
60m	4	3	—	—	7
40m	520	2001	616	—	3137
30m	84	—	170	—	254
20m	673	1111	148	—	1932
17m	91	138	264	—	493
15m	180	179	18	—	377
12m	14	14	7	—	35
10m	107	488	24	—	619
6m	16	50	6	—	72
2m	13	228	—	—	241
1.25m	—	—	—	—	—
70cm	—	—	—	50	50
33cm	—	—	—	—	—
23cm	—	—	—	—	—
Total	1737	4269	1269	50	7325



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NOTA Event



- **NOTA**

- Operated from December 14, 2017 through December 27, 2018
- All NASA Center ARCs have uploaded their logs
 - NOTA Contact Tracking Site (<https://nota.ka0s.net/>)
 - Centers were encouraged to upload to LoTW. (W6VIO NOTA logs are on LoTW)
- NOTA Certificate downloads will be available soon

- **W6VIO QSL Status**

- Paper Cards:
 - Cards received Nov. 26: Replies sent to all.
- LoTW & NOTA websites
 - All NOTA Contacts (12/14/2017 to 12/27/2018) are uploaded

- **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.



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W6VIO Example NOTA Certificate

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Other Topics



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	



Proposed 2019 Budget

Item		Notes
Miscellaneous Operating Expenses		
La Canada Post Office Box	\$ 82	<i>March</i>
Special Event QSL Cards	\$ 50	
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:		\$ 1,407
Draft: In Progress		



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



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2018 Presentations

January 27: *NASA-On-The-Air (NOTA)*, Rob Smith W6GRV

February 23: *State of the Club Discussion & Q&A*, Steve Townes WB4ILW

March 23: *Working Out the 23 cm EME Band*, Courtney Duncan N5BF

April 20: Field Day Prep

May 18: Field Day Prep

June 15: Field Day Prep

July 27: Nothing

August 24: Mid-Year Club Discussion-Steve

September 21: JEARS & Shakeout--Chris

October 19: cancelled

November 16: Chris—JEARS Shakeout + Rob-Satellites & handhelds for
NOTA

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



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