



JPL Amateur Radio Club

**W6VIO**

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

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# JPL ARC Board of Directors Meeting 1<sup>st</sup> Working Friday Every Month

## March 2021

I am your host,  
Alexandra Holloway AE6IN

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

WebEx Meeting: [link](#)

Join by phone: +1-510-210-8882

Meeting number (access code): 199 162 5639

Meeting password: ham



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# Agenda

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- Welcome
- Appointment of new club Secretary and W6VIO Trustee
- Standard reports
  - Secretary's report
  - Treasurer's report (dues are due)
  - Net report
- Subcommittee/team status updates
  - Mesh node team
  - Repeater subcommittee
  - Tower subcommittee
  - Web presence
- Budget discussion
- Walk-on topics
- Closing and next general meeting



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# Officers for 2021

## JPL ARC Club Officers for 2021

| Title                            | Name               | Callsign |
|----------------------------------|--------------------|----------|
| President                        | Alexandra Holloway | AE6IN    |
| Vice President                   | Matt W. Benett     | AC6X     |
| Secretary                        | Costin Radulescu   | KI6OML   |
| Treasurer                        | Chuck Sarture      | KG6NF    |
| Director at Large                | Jonathan Cameron   | KF6RTA   |
| Emergency Communications Manager | Chris Gaylord      | W6YTB    |
| W6VIO Trustee                    | Costin Radulescu   | KI6OML   |
| W6JPL Trustee                    | Josh Miller        | KB3UUS   |
| WR6JPL Trustee                   | Jim Lux            | W6RMK    |
| WR6AZN Trustee                   | Bill Wood          | W6FXJ    |

\* For board concurrence

Appointment of new club Secretary shall follow [Article VII, Section 5 of the club bylaws](#), which state:  
Should a vacancy occur in any office, the President, with the concurrence of the Board of Directors, shall appoint a regular member to fill the unexpired term.



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# Dues to Treasurer

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Membership forms and dues are due for 2021.

Send your membership form and a check for \$20 made out to JPL ARC.

**\*\*NEW\*\***

Mail to:

Chuck Sarture, JPLARC Treasurer

10141 Samoa Ave

Unit 20

Tujunga, CA 91042



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# Secretary's Report

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|                           |   |                    |  |
|---------------------------|---|--------------------|--|
| <b>Beginning Balance:</b> |   | <b>\$ 4,033.94</b> |  |
| <b>Deposits:</b>          | + | \$ 145.00          | - Membership Dues                            |
|                           |   | \$                 |  |
|                           | + | -                  | - Commissions on ARRL individual memberships |
|                           |   | \$                 |  |
|                           | + | -                  | - Used Equipment Sales                       |
| <b>Subtotal</b>           |   | <b>\$ 145.00</b>   |  |
| <b>Withdrawals:</b>       | - | -                  |  |
|                           |   | \$                 |  |
|                           | - | -                  |  |
|                           |   | \$                 |  |
| <b>Subtotal</b>           |   | <b>-</b>           |  |
| <b>Ending Balance:</b>    |   | <b>\$ 4,178.94</b> |  |
| <b>Net Incr (Decr):</b>   |   | <b>\$ 145.00</b>   |  |



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# Treasurer's Report

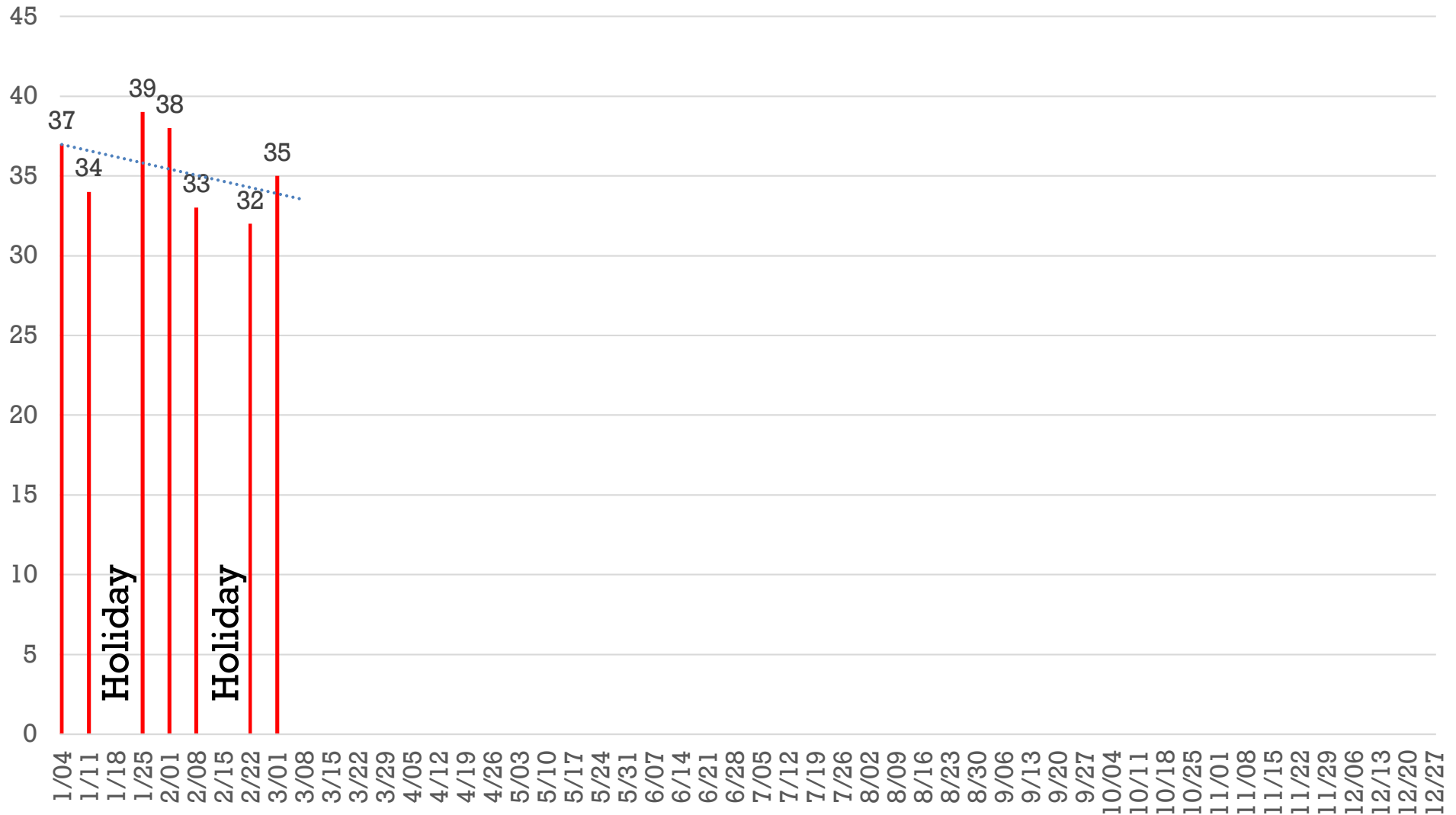
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# 2021 Club/JEARS Net Check-Ins



— Indicates nets conducted during mandatory Lab telework for COVID-19 pandemic



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# Mesh Node Interference

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Charles Rhoades:

- Threat to the mesh network from the proposed installation of a water district 5 GHz relay on the mesa at the Bldg. 35A location
- Several technical questions were submitted to the water district relating to their system.
- When the answers arrive, I will share them with Josh Miller and other interested parties.





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# Mesh Node Updates

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February 16, 2021 – Florin, Costin Alexandra

Summary:

- Want to find out why some nodes are reachable from outside JPL and some aren't.
- Some nodes require firmware updates. Stand up a campaign to assess node status

Actions from 2/16

- Actions from 2/16
- Costin, Florin: Ask Jonathan why nodes are configured to be unreachable from the outside
- Costin: Transfer Jonathan's node to Costin
- (Campaign) Take detailed inventory of each node and update firmware as needed

Remaining actions from 2/2

- Josh: Investigate (via connecting to) the JPL mesh nodes; update which ones are actually reachable from outside
- Costin: Find or write a blurb about how to connect/use JPL mesh nodes



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# Tower Subcommittee Updates

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Chris Gaylord:

- The procurement to have Steve Shobe come in and do the tower assessment has been processed and approved
- Things marked with \*: I'm leaning towards suggesting that PSD cover the "work" costs, and the Club cover the "hardware" costs

Need quote for:

- General assessment of the tower and identification of any issues he sees required for maintenance (including potentially re-tensioning the guy wires)
- Development of a site safety plan to perform the work
- Removal of the twisted top tower section and installation of the a new top section\*
- Removal of the current rotator and installation of a new rotator\*
- Removal of the current beam antennas and installation of a new antenna\*
- Installation of coax and rotator cables from the base of the tower to the new components\*



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# Towards a Budget

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Bob Dengler:

- \$320 for radios (done; allocated)

Bob Dengler:

- \$(TBD) for omnidirectional 2m antenna for mesa – need input from Jan

Mike Tope:

- “Couple of thousand” not including antenna for tower work



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# WALK-ONS CLOSING



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# 2021 Presentations

| Date     | Presentation Topic   |
|----------|--|
| 1/22/21  | How to make a go-bag with Chris Gaylord                                      |
| 2/19/21  | Elevating Your DX and HF Contesting Performance, Literally with Matt Bennett |
| 3/19/21  | Show and tell: Bring your own ham shack                                      |
| 4/16/21  | How to receive and process GOES-16/17 images with Costin Radulescu           |
| 5/28/21  | QRP Radios with JP de la Croix   |
| 6/25/21  | Field Day prep   |
| 7/23/21  |  |
| 8/20/21  |  |
| 9/17/21  | Emcomm/Shake-out/JEARS with Chris Gaylord                                    |
| 10/15/21 | 2021 wrap-up   |
| 11/26/21 | Holiday – no general meeting   |
| 12/24/21 | Holiday – no general meeting   |