

# LARC Board Meeting Minutes – July 10, 2019

The LARC Board meeting for June 2019 was held July 10 at 7:00 pm at Perkins in Longmont.

|                    |          | Position         | Name          | Call  | Present |
|--------------------|----------|------------------|---------------|-------|---------|
|                    |          |                  |               |       |         |
| Board of Directors | Officers | President        | Starr Aldrich | N0AES |         |
|                    |          | Vice President   | Gary Hampton  | AD0WU |         |
|                    |          | Secretary        | Pat Engstrom  | W1PGE | X       |
|                    |          | Treasurer        | Don Lewis     | KE0EE | X       |
|                    | Standing | Past President   | Jerry Schmidt | N0OUW |         |
|                    |          | Membership Chair | Steve Shearer | K0STE | X       |
|                    |          | Tech Chair       | Ron Schwartz  | K2RAS | X       |
|                    |          | Planning Chair   | Doug Altman   | KE0SI | X       |
|                    |          | Publicity Chair  | Charles Poch  | K0ITP | X       |

Current By-laws call for these board positions.

## **Additional Attendees:**

Kat (W0UM) and Bryan Gonderinger (AF0W), Mark Skelton (N7CTM)

## **Secretary Report – Pat Engstrom (W1PGE)**

- Approve the minutes of the previous Board meeting – Minutes approved as corrected.

## **Treasurer Report – Don (KE0EE)**

- Approve Treasurer Report. Detailed report is in Appendix A. Treasurer's report approved as submitted.

## **Education Report – Bryan (AF0W) and Kat (W0UM)**

The Education report is in Appendix B.

## **Publicity Chair report – Chuck Poch (K0ITP)**

Chuck reminded everyone of the WWV event Sept 28 – Oct 2. The NCARC is looking for volunteers to be on the radio for select times during the event.

## **Planning Chair report – Doug Altman (KE0SI)**

Saturday August 3rd will be the Boulder County Fair Parade. We had a crew of 10 last year to view the parade and to provide radio support for the organizers, the Kiwanis club. If you need a picture I can send you one. You should have last years pictures.

This is the oldest fair in Colorado, the 150th. Should be a special event. Fair link is <https://www.bouldercountyfair.org/events>

One week later we will hold my annual Radio in the Park event. Thompson Park. Northern pavilion in the park. You know what to say. (We should have power this year). We will have the go box there with its battery, and solar panel. Setup for Radio in the Park will begin at 10 am on August 10.

#### **Technical Chair report – Ron Schwartz (K2RAS)**

Ron has developed a LARC Radio Communication Plan as part of his Emergency Exercises he is conducting in preparation for support for a local emergency.

Ron has also developed a plan for evolution and growth of the LARC Network. In support of that evolution, Ron requested the following items to be purchased that will facilitate microwave communications while in the field. The Board approved that purchase.

1. MFJ-4416C Battery Booster for GOBOX. This will increase the voltage from the LiFePO4 battery from 12.5V to 13.8V (required to transmit at 100W on the ICOM 7300). \$190
2. (2) Blackmore portable tripods to support a microwave dish (\$34 each)
3. (2) Ubiquity microwave dishes for portable operation (\$75 each)
4. Microtek Router to create portable IP network (\$53)
5. (2) Tycon Systems 12-24V PoE Inserter (\$45 each)

TOTAL \$551

The Repeater Microwave IP Network diagram is in Appendix C.

Ron has been meeting with the new City of Longmont Emergency Coordinators discussing how LARC can work with the City. Those meeting are going well.

#### **Membership Report – Steve Shearer (K0STE)**

3 - Life Members

2 – Honorary Member

148 - Paid at end of this Month

173 - Total includes all members in the active database including 5 family members

2 - New members last Month

12 - Due < 90 Days

30 - Past Due up to 6 months

- Approximately 80 responses to the Membership Verification Emails. Article in the July 2019 Splatter.

**Past President Report – Jerry Schmidt (N0OUW)**

No Report, Jerry was absent.

**Vice President Report – Gary Hampton (AD0WU)**

No report, Gary was absent.

**President Report – Starr Aldrich (N0AES)**

Because of the passing of Starr, Gary will assume the duties of President until annual elections are held in September. The Board also discussed whether to try and elect a Vice-president in the interim since Gary will become President. The Board decided it was best to wait until the September meeting, which is the election of officers for the coming year, to elect a new Vice-president and not elect a VP at this time.

**Old Business**

None.

**New Business**

The Board voted to donate \$100 to Mountain View Fire District in honor of Starr's support of LARC and for his leadership as President of LARC. Starr will be greatly missed.

**Items for Future Discussion**

LARC Meeting Space

**Meeting Close**

The meeting was adjourned at 8:05 pm.

Respectively submitted,

Pat Engstrom, Secretary

## Appendix A: Financial Report

### Balance Sheet

|  | <u>Jul 9,<br/>19</u>   | <u>Jul 9,<br/>18</u>   | <u>\$<br/>Change</u>    | <u>%<br/>Change</u>   |
|--|------------------------|------------------------|-------------------------|-----------------------|
| <b>ASSETS</b>                          |                        |                        |                         |                       |
| <b>Current Assets</b>                  |                        |                        |                         |                       |
| <b>Checking/Savings</b>                |                        |                        |                         |                       |
| 11001 · First Bank                     | 697.95                 | 7,288.58               | -6,590.63               | -90.42%               |
| 11002 · First Nat'l - RaffleAcct       | 1,735.00               | 949.06                 | 785.94                  | 82.81%                |
| 11003 · First Nat'l Savings            | 3,506.02               | 0.00                   | 3,506.02                | 100.0%                |
| 11005 · Petty Cash - Cash Bag          | 0.00                   | 7.44                   | -7.44                   | -100.0%               |
| 11010 · PayPal                         | <u>191.20</u>          | <u>262.55</u>          | <u>-71.35</u>           | <u>-27.18%</u>        |
| <b>Total Checking/Savings</b>          | <u>6,130.17</u>        | <u>8,507.63</u>        | <u>-2,377.46</u>        | <u>-27.95%</u>        |
| <b>Other Current Assets</b>            |                        |                        |                         |                       |
| 12000 · Undeposited Funds              | 100.00                 | 0.00                   | 100.00                  | 100.0%                |
| 12200 · Longmont Performance Bond      | <u>100.00</u>          | <u>100.00</u>          | <u>0.00</u>             | <u>0.0%</u>           |
| <b>Total Other Current Assets</b>      | <u>200.00</u>          | <u>100.00</u>          | <u>100.00</u>           | <u>100.0%</u>         |
| <b>Total Current Assets</b>            | <u>6,330.17</u>        | <u>8,607.63</u>        | <u>-2,277.46</u>        | <u>-26.46%</u>        |
| <b>TOTAL ASSETS</b>                    | <u><b>6,330.17</b></u> | <u><b>8,607.63</b></u> | <u><b>-2,277.46</b></u> | <u><b>-26.46%</b></u> |
| <b>LIABILITIES &amp; EQUITY</b>        |                        |                        |                         |                       |
| <b>Liabilities</b>                     |                        |                        |                         |                       |
| <b>Current Liabilities</b>             |                        |                        |                         |                       |
| <b>Other Current Liabilities</b>       |                        |                        |                         |                       |
| 27120 · Refundable Deposits            | <u>-200.00</u>         | <u>-200.00</u>         | <u>0.00</u>             | <u>0.0%</u>           |
| <b>Total Other Current Liabilities</b> | <u>-200.00</u>         | <u>-200.00</u>         | <u>0.00</u>             | <u>0.0%</u>           |
| <b>Total Current Liabilities</b>       | <u>-200.00</u>         | <u>-200.00</u>         | <u>0.00</u>             | <u>0.0%</u>           |
| <b>Total Liabilities</b>               | <u>-200.00</u>         | <u>-200.00</u>         | <u>0.00</u>             | <u>0.0%</u>           |
| <b>Equity</b>                          |                        |                        |                         |                       |
| 30000 · Opening Balance Equity         | 7,360.16               | 7,360.16               | 0.00                    | 0.0%                  |
| 32000 · Unrestricted Net Assets        | 1,622.03               | 98.06                  | 1,523.97                | 1,554.12%             |
| Net Income                             | <u>2,452.02</u>        | <u>1,349.41</u>        | <u>-3,801.43</u>        | <u>-281.71%</u>       |
| <b>Total Equity</b>                    | <u>6,530.17</u>        | <u>8,807.63</u>        | <u>-2,277.46</u>        | <u>-25.86%</u>        |
| <b>TOTAL LIABILITIES &amp; EQUITY</b>  | <u><b>6,330.17</b></u> | <u><b>8,607.63</b></u> | <u><b>-2,277.46</b></u> | <u><b>-26.46%</b></u> |

### Income Statement

|                                | <u>June</u> | <u>YTD</u> |
|--------------------------------|-------------|------------|
| <b>Ordinary Income/Expense</b> |             |            |
| <b>Income</b>                  |             |            |
| 43400 · Direct Public Support  |             |            |

|  |               |                 |
|--|---------------|-----------------|
| 43410 · Corporate Contributions              | 0.00          | 24.27           |
| 43470 · Member Donations                     | <u>360.00</u> | <u>2,386.00</u> |
| Total 43400 · Direct Public Support          | 360.00        | 2,410.27        |
| 45000 · Investments                          |               |                 |
| 45030 · Interest-Savings, Short-term CD      | <u>0.58</u>   | <u>5.21</u>     |
| Total 45000 · Investments                    | 0.58          | 5.21            |
| 46400 · Other Types of Income                |               |                 |
| 46430 · Miscellaneous Revenue                | 0.00          | 12.00           |
| 46450 · Meals                                | <u>0.00</u>   | <u>450.00</u>   |
| Total 46400 · Other Types of Income          | 0.00          | 462.00          |
| 47200 · Program Income                       |               |                 |
| 47250 · LARC Fest Receipts                   | 0.00          | 3,262.00        |
| 47260 · Sale of Club Items or Material       |               |                 |
| 47264 · Sale of Material Purchased           | <u>0.00</u>   | <u>100.00</u>   |
| Total 47260 · Sale of Club Items or Material | <u>0.00</u>   | <u>100.00</u>   |
| Total 47200 · Program Income                 | 0.00          | 3,362.00        |
| 47300 · Educational Program                  |               |                 |
| 47320 · License Manuals and other            | 0.00          | 825.00          |
| 47330 · Student Class Tuition                | <u>0.00</u>   | <u>1,200.00</u> |
| Total 47300 · Educational Program            | <u>0.00</u>   | <u>2,025.00</u> |
| Total Income                                 | 360.58        | 8,264.48        |
| Expense                                      |               |                 |
| 50000 · Program Expenses                     |               |                 |
| 50020 · LARC Fest Expenses                   | 0.00          | 2,003.90        |
| 50030 · Field Day Expenses                   | 243.81        | 343.81          |
| 50040 · Engineering Activities               |               |                 |
| 50042 · Repeater Update and Move             | 0.00          | 1,172.34        |
| 50044 · Go Box Construction and Support      | 0.00          | 3,093.82        |
| 50046 · Radio Maintenance / Replacement      | <u>0.00</u>   | <u>124.60</u>   |
| Total 50040 · Engineering Activities         | 0.00          | 4,390.76        |
| 50060 · Honorariums and Scholarships         | 0.00          | 577.20          |
| 50070 · Other Radio Exercises                | 0.00          | 60.00           |
| 50100 · Educational Programs                 |               |                 |
| 50120 · Amateur Radio Classes                |               |                 |
| 50121 · Class Manuals and Materials          | 0.00          | 1,147.53        |
| 50122 · Misc Class Expenses                  | <u>0.00</u>   | <u>115.00</u>   |
| Total 50120 · Amateur Radio Classes          | <u>0.00</u>   | <u>1,262.53</u> |
| Total 50100 · Educational Programs           | <u>0.00</u>   | <u>1,262.53</u> |
| Total 50000 · Program Expenses               | 243.81        | 8,638.20        |
| 60900 · Business Operations                  |               |                 |
| 60910 · Bank Service Fee                     | 0.00          | 14.79           |

|  |                      |                         |
|--|----------------------|-------------------------|
| 60914 • Paypal Service Fee             | 3.52                 | 46.57                   |
| 60918 • Supplies                       | 0.00                 | 40.00                   |
| 60920 • Business Registration Fees     | 0.00                 | 10.00                   |
| 60936 • Telephone, Telecommunications  | 0.00                 | 220.08                  |
| 60960 • Insurance - Liability, D and O | <u>0.00</u>          | <u>200.00</u>           |
| Total 60900 • Business Operations      | 3.52                 | 531.44                  |
| 62800 • Facilities and Equipment       |                      |                         |
| 62830 • Equipment Purchases            | 0.00                 | 0.00                    |
| 62890 • Rent, Parking, Utilities       | <u>0.00</u>          | <u>912.00</u>           |
| Total 62800 • Facilities and Equipment | 0.00                 | 912.00                  |
| 65100 • Other Types of Expenses        |                      |                         |
| 65130 • Memberships                    | 0.00                 | 25.00                   |
| 65140 • Meals                          | <u>0.00</u>          | <u>634.86</u>           |
| Total 65100 • Other Types of Expenses  | <u>0.00</u>          | <u>659.86</u>           |
| Total Expense                          | <u>247.33</u>        | <u>10,741.50</u>        |
| Net Ordinary Income                    | <u>113.25</u>        | <u>-2,477.02</u>        |
| Net Income                             | <u><u>113.25</u></u> | <u><u>-2,477.02</u></u> |

## Appendix B: Education Report

- **Upcoming Class**

- We are still planning to offer an Extra Class that will start on August 12th. We are currently preparing the curriculum, demos, and materials for this class. The cost for this class will be \$50 per student as a fundraiser for LARC, plus the \$25 license manual.

- **VE Exam Sessions Completed**

- We did a private exam session on Saturday, June 8<sup>th</sup>, for one of our Technician students, with 3 VEs present. She passed her exam and has since received her license.
- Our June 22<sup>nd</sup> VE Session had 10 attendees, which resulted in 1 Extra Class license, 3 General Class licenses, and 6 Technician licenses.

- **Upcoming VE Exam**

- Our next regularly-scheduled VE Exam will be on Saturday, August 24th, at 10:00 am at the Niwot Fire Station.

- **Financial**

- We didn't hold any Club money-making activities in June.

- **Other Business**

- No other business at this time.

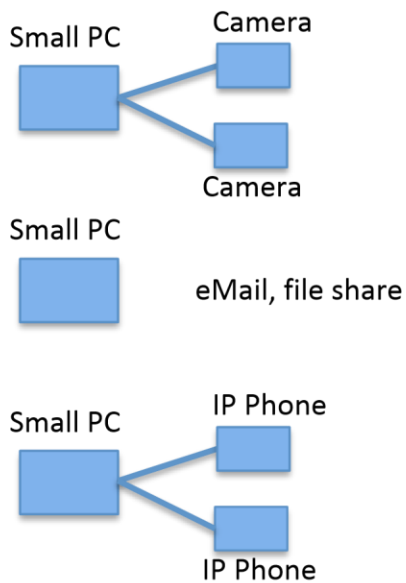


## Appendix C: Repeater Microwave IP Network

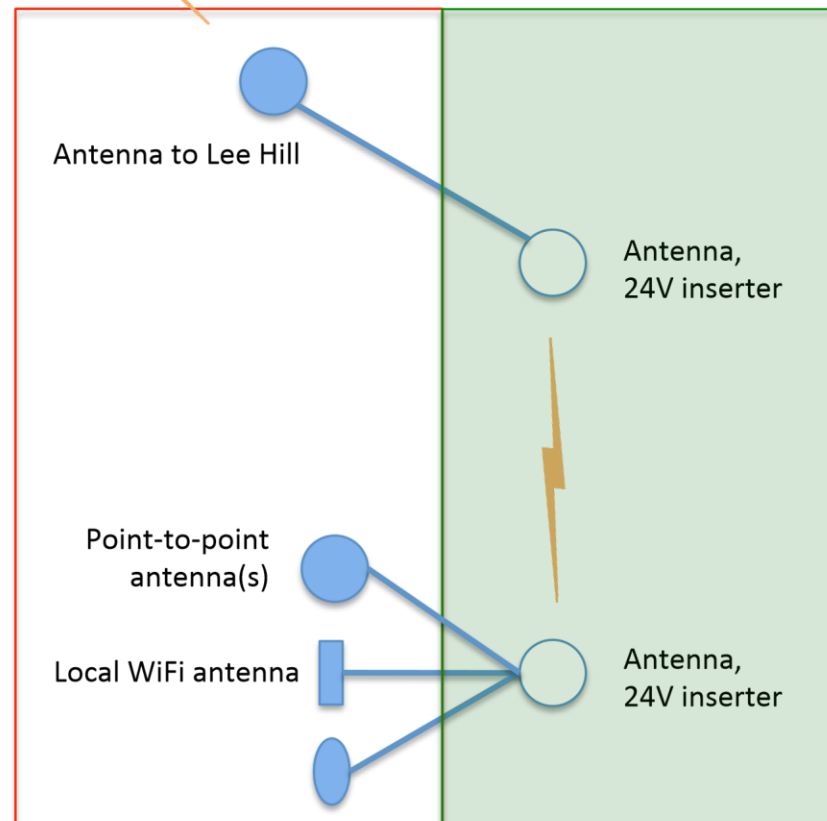
### Repeater Microwave IP Network



### Microwave IP Solutions



### Extended Microwave IP Network



architecture and funding from  
served agencies?

network (2 points)