

# INDIAN PEAKS RADIO CLUB NEWS

A General Interest Club with an Emphasis on Emergency Communication - [indianpeaksradioclub@gmail.com](mailto:indianpeaksradioclub@gmail.com) We are a 501 (c) 3 organization.

Newsletter and Minutes

## July Edition - Meeting DAY change

**Next Meeting: Note The DAY change!!!!**

The **July Meeting Field Day** will be held **Thursday, July 27**, same week as usual but different day. Our three speakers will be from **Rocky Mountain Ham Radio** and will tell about their organization, what the Front Range “Backbone” is, how it is used and maintained and where Indian Peaks Radio Club might fit into their plans. They will have just completed an emergency test of their system (hence the day change for the meeting) and should have something to say about that. What they have accomplished is truly amazing so this is a **Don’t Miss It** meeting.

**Field Day** was held at the Indian Peaks Radio Club Radio Room at the Nederland Community Center on June 24 and 25, 2017. We had 24 visitors and operators total which is impressive. (I will admit to coercing the Food Pantry volunteers and clients to visit!) We had 7 Indian Peaks Radio Club operators attend, six of whom got on the radio. Mike, AI8Z operated all night on CW! Other modes include voice and digital PSK31. Besides Mike, operators included Randy Ralphs, Lynwood Wilson, Matt Reynolds, Diane Stanitski, and Jan Mussler. Al Nelson stopped by to check on us. We earned all the bonus points that were available to us with the exception of youth participation (we’ll have to work on that for next year.) Be sure to read the article in this past week’s Mountain Ear. Here is the final report:

**Town of Nederland Mayor Kris Larsen** came and brought a friend whose Dad is a ham!





## ARRL Field Day Entry Form

Datestamp: 2017-06-25 11:47:09 PDT

Confirmation: 22504c956c579483

Call Used: W0NED    GOTA Station Call: (none)    ARRL/RAC Section: CO  
Class: 1F

Participants: 26    Club/Group Name: Indian Peaks Radio Club

Power Source(s): Commercial

Power Multiplier: 2X

### Bonus Points:

100% Emergency power	100
Media Publicity	100
Public Location	100
Public Information Table	100
Formal message to ARRL SM/SEC	100
W1AW Field Day Message	100
Formal messages handled - No.=12	100
Site Visit by invited elected official	100
Site Visit by invited served agency official	100
Submitted via the Web	50
Social media	100
Total Bonus Points	1,050

Score Summary:

	CW	Digital	Phone	Total	
Total QSOs	113	50	39		
Total Points	226	100	39	365	Claimed Score = 730

Submitted by:

Diane Stanitski, KE0FHR  
P.O. BOX 3282  
Nederland, CO 80466  
E-mail: [diane.stanitski@gmail.com](mailto:diane.stanitski@gmail.com)

Comments:

For the 100% emergency power, we tested the generator at our EOC site, which counts toward the 100 pt bonus. We will be submitting supporting documentation for the bonus activities, where requested.

Band/Mode QSO Breakdown:

	CW		Digital		Phone	
	QSOs	Pwr(W)	QSOs	Pwr(W)	QSOs	Pwr(W)
160m						
80m	76	100	32	100		
40m	29	100	14	100	8	100
20m	8	100	4	100	31	100
15m						
10m						
6m						
2m						
1.25						
Other						
Satellite						
GOTA						
TOTAL	113		50		39	



Many thanks to Diane Stanitski for organizing our club's Field Day effort and doing the leg work despite a hefty work schedule. We couldn't have done it without you!



**Peter Hoon checking out PSK-31.**



**Randy Ralphs at the mic**



**Generator test netted bonus points.**



**Matt Reynolds chatting up Mickey and Phillip from American Red Cross - one of our Served Agencies.**

See also the Mountain Ear for our belated Press Release and additional photos.



### **Diane, Mike, Lynwood and Randy - a PSK-31 tutorial**

### **IIRC Board Meeting - The Board met last Monday, July 10, 2017**

The Board met at an off time to meet with a donor to the club. Present: Mike Mussler AI8Z President, Dennis Whalen KØDWW Vice President, Matt Reynolds KDØPYK Treasurer, and Jan Mussler N8SEW Secretary.

The Board has accepted the gracious gift of a 2000 Ford Explorer tricked out with ham gear and antenna mounts. The Board feels this addition to the club would be useful for setting up portable operations for events such as NedNed race and to support emergency portable operations, such as would have been helpful last year during the Cold Springs Fire. Matt is



checking into insurance and registration costs for the vehicle. The donor, Ueli Hauser HB9TTI is moving to Switzerland and has been active in BARC and in Estes Park.

Earlier this summer we met with the Allenspark hams and stored the MERN surplus police radios in the closet in the radio room. This equipment is available to any licensed ham in the Peak-to-Peak region to use. Contact any of our club's officers or officers of the Airlink or Allenspark clubs for more information.

#### **Recent IPRC Meeting attendance-**

Jan 2017 - 28

Feb 2016 - 15

March 2017 - 6

April 2017- 16

May - cancelled, Board members out of town

June Field Day - 7 IPRC members, 6 operating, 24 total with visitors

#### **IPRC Membership and Dues:**

Anyone interested in Ham Radio is welcome to attend our meetings. If you like what you see, please consider becoming a dues-paying member of the Indian Peaks Radio Club. Dues are \$25 a year, supports our local emergency communication capabilities and gets you access to the Club's station and test equipment. Please make your checks payable to Indian Peaks Radio Club or bring cash to the next meeting. Alternately, you can mail your check to Matt Reynolds PO Box 115, Nederland CO 80466.

**For License upgrade study** - <http://arrlexamreview.appspot.com>

#### **IPRC Training Opportunity -**

IPRC members have been invited to take a "Ride Along" with a Nederland Police Officer. Officer Darragh O'Nuallain who came to our March meeting, said that folks who take advantage of the ride along come away with a new perspective of the department and police work. You should hear radio traffic as well and how the officer responds to that traffic. The

Ride-Along requires a waiver. Stop by the Nederland Police Department to get the waiver form and sign up for a time.

### ***Upcoming meetings***

**July Meeting: Date Change- THIS IS A DATE CHANGE.** Thursday, July 27 at 7PM. Rocky Mountain Ham Radio is sending a presenters to tell us about their organization and efforts. They are the folks responsible for the **Microwave Backbone** that is used to link repeaters from Albuquerque to Cheyenne. Their system offers other interesting capabilities including high speed data. Join us for what promises to be a very interesting meeting!

**August Meeting - OPEN** - This meeting is close to the total solar eclipse on Monday, August 21st and the original speakers aren't available. We're considering a couple of radio solar eclipse themed activities.

**September 26 meeting: APRS from a Functional Viewpoint** - APRS stands for Automated Packet Reporting System. The speakers are Doshia (KBØNAS) and George (NØRUX) Kretke, from the Boulder area who use this radio tool to augment their outdoor activities. Be sure to come and learn about this cool application of ham radio in the field. We have the equipment and software to add this capability locally using our Club's Raspberry Pi and WinLink internet gateway.

**October Meeting** - OPEN for a topic. Possible topic is **Mesh Networks** - using surplus consumer or commercial grade wireless routers to make ham radio based Ad-hoc Local Area Networks.

Please contact any Board Member with potential speakers for the club meetings.



## **Upcoming events and dates:**

### **Denver Radio Club Hamfest**

**Please join us for the 2017 D.R.C. Hamfest:**

Sunday, August 20th, 2017, 8:30 am to 1:00 pm  
Jefferson County Fairgrounds  
15200 West 6th Avenue  
Golden, CO 80401

[View Map](#)

Talk-In on 145.49- 100Hz. tone; and 448.625- 100 Hz. tone

*Hourly Door Prizes – Main Drawing at Noon (Must be present to win)*

Admission: Only \$6.00 (Children under 13 are free with a paid adult).

Sellers' Tables: \$12.00 prepaid by Aug. 18th, or \$16.00 at the door - *if any tables are still available.*

(Sellers may start setting up at 7:15 am)

[Click Here for the Sellers' Table Reservation Form and Site Location Map](#)

(in Adobe PDF file format, 154 kB download size)

[Click here for the proposed Table Layout Plan.](#)

(in Adobe PDF file format)

**This layout is subject to change prior to the hamfest.**

**Get your first F.C.C. Amateur Radio License, or upgrade your existing license:**

**10:00 AM – VE Testing Session,  
conducted by the DRC VE Team,  
in Room 1 (down the stairs, located at the rear of the main hall, opposite the  
main entrance doors)**

#### **Technical Forums:**

We are presenting several technical forums during the 2017 Hamfest. These forums are open to all attendees showing proof of paid admission (the hand stamp).

**09:00 AM – Introduction to the BrandMeister DMR digital radio network.  
Presenter: Bill Rinker, W6OAV, in Room 2.**

**10:00 AM – Introduction to Packet Radio, ARDOP, Winlink and APRS.  
Presenter: Larry Irons, KØLAI, in Room 2.**

**11:00 AM – Question and Answer Session for New Hams (old hams are welcome too).**

**Presenter: Fred Hart, AAØJK, in Room 1.**

The Technical Forums and VE Testing sessions will be held in the conference rooms on the north lower level.

Access is via the stairs at the north east corner of the building. Follow the arrows.

For more information contact:

Jason Smallwood, ACØUA, 303-429-2536

[E-Mail to: drcfest@w0tx.org](mailto:drcfest@w0tx.org)

## Solar Eclipse

The first total solar eclipse observable in the United States since 1979 occurs on Monday August 21. It may be viewed from locations within a number of nearby western states including Wyoming, Nebraska and Kansas. Check the August issue of QST for details on radio activities related to this unusual astronomical event!

Another source of information can be accessed from this link:

<https://oahuarrlnews.wordpress.com/2017/06/10/solar-eclipse-2017-and-ham-radio-science-citizen-investigation/>