



**Club Officers:**

President:  
KG7PBX  
Linda Shokrian

Vice-President:  
KR7KR  
Ken Richter

Treasurer:  
AL7BX  
George Gallis

Secretary &  
Editor:  
K6QOG  
Bill Stenger

Local Repeaters:  
146.980 Mhz  
Tone 100 hz

146.940 Mhz  
Tone 100 hz

146.760 Mhz  
Tone 123 hz

448.800 Mhz  
Tone 100 hz

Remote Bases:  
449.500 Mhz  
Tone 100 hz

449.925 Mhz  
Tone 100 hz

IRLP/Echolink  
449.900 Mhz  
Tone 100 hz

**RCARC Websites:**

<http://www.rcarc.info> and <http://rainbowcanyons.com>

**RCARC NETS:**

**Breakfast Net:** 7:00am 146.760 Mhz 123 hz PL tone, Mon. - Sat.

**Friendship Net:** 9:00pm 146.760 Mhz 123 hz PL tone, every evening.

Club Monthly Breakfast is January 6th, 9am at the Pastry Pub  
Come in and place your order then come to the side room to be with other hams and your order will be brought to you. It is a most relaxing and friendly environment.

Club meets on the second Tuesday of each month at the Senior Center

Next club meeting is January 9th at 7pm

**TOPIC:**

***New Officers take office and plan future Presentations***

**Editor's Note**

I want to congratulate all the new officers and to thank all those who have helped gather information and sent pictures for RCARC Newsletter. I would not have been able to provide the information and humor each month. THANK YOU!

**ARRL NEWSLETTER**

**FCC Penalizes Marketer of Ham-Band Drone Audio-Visual Transmitters**

The FCC has imposed a \$180,000 civil penalty on a Sarasota, Florida, company that had been marketing noncompliant audio-visual transmitters intended for use on drones in violation of the Commission's Amateur Service and marketing rules. In an Order released on December 19, the FCC explained that Lumenier Holdco LLC (formerly known as FPV Manuals LLC) was advertising and marketing uncertified AV transmitters capable of operating on both amateur and non-amateur frequencies, including bands reserved for federal government use. Some of the transmitters also exceeded the 1 W power limit for Amateur Radio transmitters used on model craft, the FCC said.

"Moreover, entities that rely on amateur frequencies in operating compliant AV transmitters must have an amateur license and otherwise comply with all applicable laws

for such operation,” the FCC said in the Order. The FCC said that while it generally has not required amateur equipment to be certified if it operates solely on Amateur Radio frequencies, certification is required if a device can operate outside of the ham bands.

Last January, in what it called an “extremely urgent complaint” to the FCC, ARRL targeted the interference potential of a series of audio/video transmitters used on unmanned aircraft and marketed as Amateur Radio equipment. ARRL General Counsel Chris Imlay, W3KD, said those transmitters used frequencies intended for navigational aids, air traffic control radar, air route surveillance radars, and global positioning systems.

In addition to paying a civil penalty, Lumenier, which has admitted to marketing the noncompliant AV transmitters, will enter into a Consent Decree with the FCC to settle the enforcement proceeding and terminate the investigation.

For more information see: ARRL Letter for December 21, 2017

## The ARRL International Grid Chase Kicks Off with the New Year!

Ready, set, go! The ARRL International Grid Chase 2018 gets under way on January 1 UTC (New Year’s Eve in US time zones). The objective of the year-long event is to work stations on any band (except 60 meters) in as many different Maidenhead grid squares as possible, and then upload your log data to ARRL’s Logbook of The World (LoTW). Many



hams are familiar with grid squares from the VHF/UHF and satellite realms, and everyone lives in one. An online calculator by David Levine, K2DSL, can determine your grid square.

Enter a postal address, ZIP code, or a call sign, and the calculator will return the grid square for that location. Each new grid square contact confirmed through LoTW will count toward your monthly total.

Any contact you make in 2018 can count for your Chase score; as long as the other operators participate in LoTW, you’ll get credit automatically when they upload their logs. This means that contest contacts will also count, as will contacts with special event stations, or other on-air activity that uses LoTW to confirm

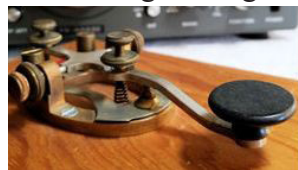
contacts.

There are no restrictions on modes or bands, as long as they are legal. Satellite contacts are valid for the Chase. The event is open to all radio amateurs.

Complete details of the ARRL International Grid Chase 2018 appeared in the December 2017 issue of QST. For more information, contact the ARRL Contest Branch.

## January 1 Hosts Events for Legacy Keys

Every day is a good day to send CW, but January 1 is reserved for Straight Key Night (SKN), sponsored by ARRL. Enjoy CW as it has been sent and enjoyed since the earliest days of Amateur Radio. The 24-hour event begins at 0000 UTC on January 1 (New Year’s Eve in US time zones) is not a contest but a day dedicated to celebrating Amateur Radio’s Morse heritage. Participants are encouraged to get on the air and enjoy conversational CW contacts, preferably while using a straight key or a semi-automatic



key (“bug”). No points -- everyone’s a winner. Submit your votes for best fist and most interesting QSO.

## Radio Amateur’s Invention to Treat Alzheimer’s Patients Going to Clinical Trials

Inveterate inventor and radio amateur Eric Knight, KB1EHE, may be on the cusp of medical history as a device he developed in collaboration with a prominent Alzheimer’s disease researcher enters clinical trials this month. Both are hoping that the device, which essentially saturates the brain with low levels of RF, may prove to be a viable treatment for the dreaded disease affecting millions.



For more information see: ARRL Letter for December 21, 2017

## *What happened at the last meeting*

*December 12th*

People began arriving before 6 pm. At 6:26 pm President Linda Shokrian KG7PBX called the meeting to order. She introduced herself welcomed everyone to our Christmas Party/Meeting. Let's begin by getting something to eat which on the tables in the rear of the room.



After most people had eaten Linda announced the nominees for club officers:

President: Brad Gunderson KD6SFS

Vice-President: Monti Rugebregt KG7WEN

Secretary: Tammy Nesmith KI7LVB

Treasurer: Larry Bell N7SND

Since the officers are running unopposed we only need to take a verbal vote. Those in favor for the four nominees say Aye. Are there any not in favor of the nominees? There were no responses to the negative. They are the Club Officers for 2018.

### **Winners of the Friendship Net Check-in-Award Ribbons:**

#### **First Place:**

KI7LUM Bruce Bishop  
KI7LVC Tim Nesmith  
KI7LVB Tammy Nesmith

#### **Second Place:**

KD6SFS Brad Genderson  
KB7UMU Sylvia Clements  
KA7J Lance Jackson

#### **Third Place:**

KG6LFU Jim Beal  
K7ZI Dick Parker

### **Congratulaton to the winner of the YAESU 857**

Tammy Nesmith KI7LVB

### **Other Winners**

**Operating Manual** - KG7WEN Monti  
**ARRL Antenna Book** - KA7HGX Tony  
**Emergency Power Book** - K6QOG Bill

**Operating Manual** - KI7DRE Larry  
**Portable Antenna Book** - KB7UMU Sylvia

## MULTIMETER Winners:

KR7KR Ken Richter	K7HDX Ron Shelley	KA7SWA Kevin Truman
N7SND Larry Bell	KF7WIY Denise Sheffield	KI7LUR Dan Carlson
KA7J Lance Jackson	K7VXV Brody Johnson	KI7LUY Jim Lunt
WA7HHE Brad Biedermann	WA7GTU Don Blanchard	KI7LUU Collette Gunderson
KI7FZP Kerry Webb	KF7OVD Brian Amos	KI7LVC Tim Nesmith
KG7SCX John Higley		

## Those in attendance:

Sylvia Clements KB7UMU	Burton Nichols KI7DRA
Michelle Arnold KG7YID	Dan Carlson KI7LUR
Isaiah Arnold KI7SXJ	Lance Jackson KA7J
Leland Page	Kevin Truman KA7SWA
Shirleen Chaffee KB7QXB	John Higley KI7SCX
Russ Chaffee N7BO	Pat Higley
Brad Gunderson KD6SFS	Tyler Mudge
Collette Gunderson KI7LUU	Carleen Mudge
Bruce Bishop KI7LUM	Susan Lee
Sherry Bishop	Terry Lee KD7TTT
Devin Elliott KG7NYJ	Crystal Bilyeu
Teresa Elliott	Larry Bilyeu KG7MAY
Ken Richter KR7KR	Mary Marshall
Denice Sheffield KF7WIY	Kathy Woods
Fred Sheffield KF7GPZ	Bill Stenger K6QOG
Ed Padgett KK7ZL	Carol Stenger
Jan Padgett	George Gallis AL7BX
Tom Adams KI7LUI	Linda Shokrian KG7PBX
Kevin Raines KG7HZZ	Carolyn Bauer KG7YIB
DeLynne Raines	Tony Bennett KA7HGX
David Webb KB7VAO	Edith Mackay
Kerry Webb KI7FZP	Merlin Mackay N7TCE
Brody Johnson K7VXV	Bruce McDonald KI7DRB
Helen Johnson WB7FET	Ron Shelley K7HDX
Tammy Nesmith KI7LVB	Darlene Shelley
Tim Nesmith KI7LVC	Dennis Gaede KI7DRD
Riki Kline K7NJ	Brad Biedermann WA7HHE
Becki Lewis	Don Blanchard WA7GTU
Larry Bell N7SND	Linda Blanchard WA7VIN
Anita Bell	David Williams KG7HTJ + 3 Children
	Jim Lunt KI7LUY



After the meal, one of our newest hams, Isaiah Arnold KI7SXJ, provided Christmas Entertainment.

At 7:42 Linda adjourned the meeting and invited everyone to stay to continue the social.

This account of the RCARC Christmas Party/Meeting minutes is respectfully submitted by Bill Stenger K6QOG Secretary with the assistance of Michelle Arnold KG7YID.

### **Congratulations to the newest Hams!**

KI7SCV - Merrill Harker

KI7SDB - Chris Brinkerhoff

KI7SCW- Mary Harker

KI7SDC - Matt Brinkerhoff

KI7SCY - Cody Roberts

KI7SDF - Ben Joslin

KI7SCZ - April Roberts

KI7SXI - Scott Atkin

KI7SDA - Jerel Johnson

KI7SXJ - Isaiah Arnold

KF7TKY - Leland Page