



Simi Settlers' Amateur Radio Club

Short Circuit

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The next **meeting** is at the

Simi Senior Center,

3900 Avenida Simi, Simi Valley.

Thursday February 9 at 7:00 PM.

The next Simi Settlers Pizza Night is at

Toppers, 2408 Erringer Road, Simi Valley.

Thursday February 2 at 6:00 PM.

Timely Information and Assorted Tidbits:

Dues are now \$25 for individuals and \$30 for families. Comes **due** in June.

We have a winner for the "Eyeball QSO" card. We will be printing out a bunch for everybody to have a few.

Matt KN6SEC is our new **treasurer**. Our condolences.

February 2023

From Bill, AB6BW:

KI6MZ, also known as **Jim** Hutchinson, has moved into a lovely assisted living facility here in Simi Valley. Unfortunately, his new apartment cannot absorb the breadth of his prolific ham radio hobby. Jim wants the Simi Settlers to benefit from his need to cut back.

We will be making his extensive collection available first to the Simi Settlers Amateur Radio Club and later to the Ventura County amateur radio community. We will do this in various ways.

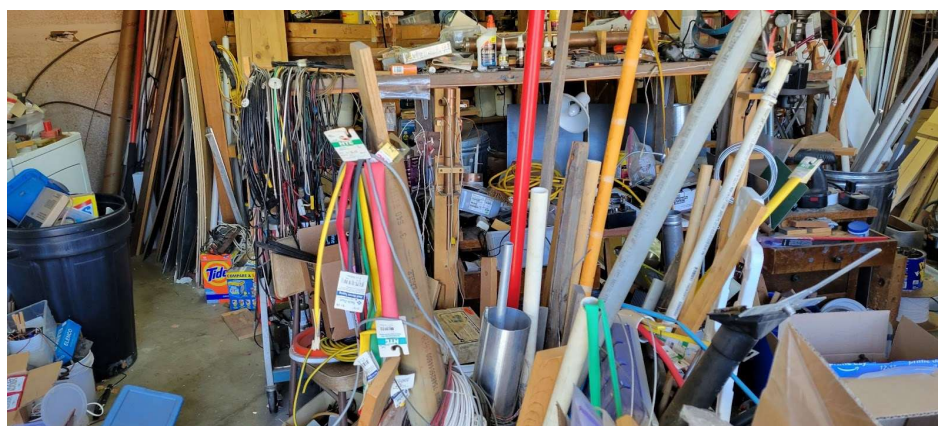
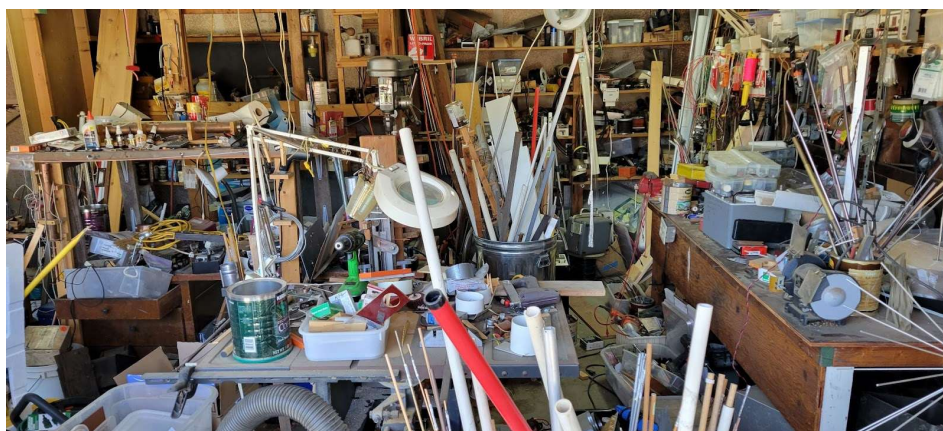
1. Major items (radios, test equipment, and related tools) will be offered at auction. We may do this in phases using both live and silent auctions. More info to follow.

2. Materials - a garage full. Jim has been curious about every thing RF. He's has had the courage, knowledge, and imagination to conceive and build experiments, models, test jigs, etc... to further his knowledge and understanding. His garage contains huge amounts of the stuff RF dreams are made of. We will be having **OPEN GARAGE PICKING EVENTS starting Saturday February 4**. Two or three "shoppers" at a time will be allowed to browse and pick things that they can & will use. Each shopper will determine for themselves how much to contribute to the club.

OPEN GARAGE PICKING EVENT
SATURDAY FEBRUARY 4, 2 - 4 PM
2357 Alscot Ave, Simi Valley

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Here is a brief view of the wreckage / warzone / crash landing site:



Steve, WA6EJO has already gathered an arm full of “stuff” and donated \$125 to the club.

You too, can have a part of this historic collection of _____.

(Please enter your own bit in the blank space.)

Really, this is the material you need to make antenna or homebuilt equipment.

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Nets of Interest

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
LSB Net 8pm 3.908 MHz SSARC 2 Meter Net* 8:30 pm SMRA-ERN Repeater 146.805 -0.6MHz PL100.0 or 445.580 -5.0MHz PL100.0 The Newbie net 7 pm, Bozo Repeater 147.885 (– 127.3)	Condor Connection 7pm (Plays Newsline) Frazier Mountain 224.720-1.6 MHz PL156.7	LSB Net 8pm 3.908 MHz ACS Area 1 Simi Valley SMRA-ERN 7:05pm Repeater 146.805 -0.6MHz PL100.0 or 445.580 -5.0MHz PL100.0 ATN-CA Net 7:30pm http://atn-tv.org/net/night.htm ACS Area 1 Simplex net, 6:45 PM on 145.510MHz	Channel Islands chapter 10-10 International 28.34 MHz at 10AM and 6PM Mesh VOIP Net* 8pm 2.4/5.8 GHz Mesh	LSB Net 8pm 3.908 MHz		SSARC SSB HF Net 8:30am 7.240 (+ or - QRM/N) 40 meter CW-QRP 9am 7.032 MHz Quad Squad net 1PM on 21.365 MHz's

Additional information on local nets can be found on the CVARC web site at: <http://www.cvarc.org>

* For more information, see <http://www.pvarc.club/mesh/mesh-applications/>

Our repeaters are too quiet!

If you are sitting around evenings or on the weekend, turn on your radio and listen in.
Sometimes there is local activity on 146.520, the simplex channel.

Here are our 8:30 PM Sunday night net controllers for the next few months:

Jan 1 Kevin KD6UTC
 8 Ron K6RIN
 15 Matt KN6SEC
 22 Brian KM6MIN
 29 Kevin KD6UTC

Feb 5 Ron K6RIN
 12 Matt KN6SEC
 19 Brian KM6MIN
 26 Kevin KD6UTC

Mar 5 Ron K6RIN
 12 Matt KN6SEC
 19 Brian KM6MIN
 26 Kevin KD6UTC

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ACS/ARES Corner

Frank Valdez KI6OQ is the Area 1 Emergency Coordinator

We are always looking for ACS members that would like to become Net Controllers. You will receive hands-on training at the Simi Valley PD (where we normally conduct the Weekly Net). It is both fun and at times challenging. You will gain valuable experience in running a controlled Net as well as becoming more than just familiar with the equipment in the Radio Room at the PD. If you would like to volunteer for this, just message Frank Valdez at frankki6oq@gmail.com.



Be sure to check www.vccomm.org for the latest !

If anyone is interested in how to set up your own packet station, RMS Winlink station, or a Mesh Node, contact Frank, he will point you in the right direction.

Barry K6ZA wants to remind everybody that they have options to check in with something other than a 2 meter handheld. The **80 meter net is Tuesday nights at 18:30 (6:30 PM) on 3.987 MHz.**

The **Area 1** (Simi Valley) net occurs Tuesdays. Generally it is just a brief check in, but usually some news about upcoming events is passed on.

The simplex net is on 145.510 at **6:45 PM**. The regular net is on the 146.805 (-, PL100) repeater at **7:00 PM. Stop by and say Hi.** You do not have to do anything other than check in to test out your simplex or repeater connection.

NOTE: Please be advised that we hold the Tue. **countywide** net at 19:30 (7:30PM) on the Sulphur Mountain WD6EBY repeater 145.200, minus 600 KHz offset, CTCSS of 127.3. Until further notice, this will be our standard frequency for countywide communications.

February 26 is the Ventura Marathon. Contact Burt Auerbach bjauerbach@gmail.com

There may be some route changes and water stop locations moved due to weather damage along the previously planned path.

Visit vccomm.org for more updates!

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Member Updates

From Orv, W6BI

Maintenance Trip to Mellow Lane

On Sunday January 22nd, Eric KE6MLF and I did a maintenance trip to the Mellow Lane radio site. We had three goals which were accomplished, and added a couple more to the site to-do list.

We took down one AREDN network node that had been used for a link to Chatsworth Peak. We replaced it with a 120 degree sector antenna and radio which illuminates a chunk of the valley approximately from First Street east to Tapo Canyon. It's overlapping coverage with the node on the north end of Sycamore, but it's using a radio that's never been used before with AREDN networking, so it'll be a good test of new hardware & software. Eric managed to swap radios and antennas in less than 30 minutes.



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We also investigated the site security camera not working. It's at the top of the tower looking down at the building but hasn't worked for about a month. By power-cycling it, it would be pingable for a few seconds, then die again. So we'll get a replacement camera on order. The interior security camera has been dead for months. We'll also replace that.

We discovered that water has been leaking into the building. It's coming in through the top seam where the air conditioner housing goes through the wall (didn't get a picture). It ran down the wall and out under the door. Over and above resealing around the air-conditioner, Eric is going to fabricate a 'roof' for the air conditioner to keep rain and rain water from the building roof off of the air conditioner.

Orv W6BI

From Ron, K6RIN

SOTA Mountain Goat Activation

Cerro Negro Benchmark By Ron Nelson K6RIN

On December 10th, a rather cool and damp Saturday morning, I set out on another Summits on the Air (SOTA) ham radio adventure, along with friend and fellow SOTA participant, Ron K6CPR. This hike and activation marked a very special occasion for both of us as we were both achieving "Mountain Goat" status, reaching our 1,000th point goal. Cerro Negro Benchmark, overlooking Pasadena and the San Gabriel Valley is a 1-point summit, with a fairly easy ½ mile hike to the top. The summit is the site several radio towers filled with various types of antennas, so it is a very RF rich environment. All we needed was four radio QSO's to earn the 1-point needed for our Mountain Goat award.

Cerro Negro Benchmark is a very popular place for hikers and mountain bikers, especially on a Saturday morning. Even though it was quite cold and threatening rain, this day was no exception. Ron and I were bombarded with many curious hikers and bikers asking questions about what we were doing. One woman asked me if I was contacting aliens. I told her, "No, just talking with Elvis." She liked the reply and asked if she could have a turn. Of course most of their questions were sincere and many said they would be interested in obtaining a ham radio license.

Once all our equipment was set up, we set out to make the required QSO's. Both of us managed to make our first four QSO's on our HT's on a popular simplex frequency of 146.58 MHz. most of those were made with other SOTA hikers in the nearby Angeles National Forest. After that, we worked HF on our respective radios for the next four hours. I used my Icom IC-705, at 10 watts, and a dipole antenna to make 35 more contacts on 10, 20, and 40 meters. This was the weekend of the 10-meter contest, so we managed quite a few contacts on 10 meters. Ron K6CPR used his Elecraft KX2 with an end fed half wave antenna and was successful in collecting 34 HF QSO's.

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By early afternoon, the sky had turned dark gray and we could see a rain storm headed in our direction, so we packed up and headed back down the trail. We were both very excited about having reached our hard earned goal of "Mountain Goat" Status.

So, what does it take to reach Mountain Goat at 1,000 points? Every participant is different in how he/she approaches the hobby, so results vary, but here are my stats that led to this goal:

- 226 mountain top activations.
- 1,387 miles hiked.
- 296,559 feet of elevation gain.
- 5,918 radio contacts
- 6 pairs of hiking shoes

After Ron and I finished our adventure on Cerro Negro Benchmark, we met up with about 20 SOTA hams from across Southern California at a popular dining and watering establishment in Pasadena for a celebration of our achievement. There is quite a lot of support among folks who participate in this crazy hobby. All in all, it was a very fun and special day.

Here are a few pictures:



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By Eric, KE6MLF

The RF bar graph **PCB project** has been purchased. They **MAY** be here in time for the next meeting. Price will be \$5 each.

Have you started to collect your parts?

www.digikey.com - Premier electronic component supplier. All authentic, no counterfeit parts.
www.mouser.com - Same as digikey.

www.allectroincs.com - A real brick and mortar store in Van Nuys. May not have all parts.

www.sparkfun.com - Good for the latest in electronics development supplies and tools.
www.adafruit.com - A close second to sparkfun.

www.amazon.com, www.ebay.com - Yes, you can get parts for cheep! Counterfeit? Meets the manufacturer's original specifications? Maybe!

The Arduino is a "Arduino Nano". I get them three at a time from Amazon.com.

The only foot print specific part is the potentiometer, a Bourns 10k in 3299Y package.

I do not buy the resistors and capacitors I need, I get an assortment. Lots of extras, or if the LEDs are too dim or bright, I have other resistor values.

9 volt battery and clip? Or some wire bits to connect to your 12 volt radio supply. Some standoffs and screws to act as feet?

I will bring my laptop to the next few meetings and will program up the Arduinos if you can not download, install, and get running yourself.

A bit of discussion on the components:

All resistors can be from 1/10 to 1/4 watt.

Arduino Nano. You usually have to solder on the 0.1 inch headers, ON THE BOTTOM SIDE !!

Resistors R1-R11 - Value depends on your leds. How bright do you want LEDs.. 220 - 3.3 K ohms.

LED D1-11 - Color? Anything with 0.1 inch lead spacing.

Capacitors are 0.1 inch radial packages.

U1 is a through hole DIP package.

Diode D14 is 1N4001 axial lead.

Diodes D12 and D13 can be most any Schottky diode.

Tin/Lead solder, none of that fancy RoHS stuff.

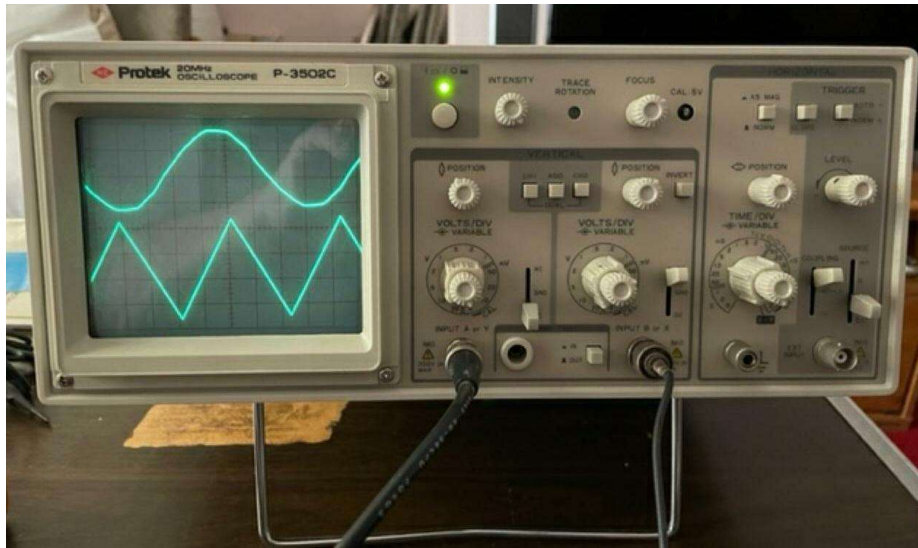
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SSARC Marketplace

This section of the newsletter is for Simi Settler club members to post various used or previously owned items for sale that they may no longer have a need or use of. Please submit a brief description of the sale items (along with a photo if possible) and suggested price to Eric Oberg KE6MLF, the newsletter editor, at least two days before newsletter publication. It is suggested that a portion of each sale be donated to the SSARC treasury to help support the club's several activities. The term "OBO" means "Or Best Offer" and serves only as a starting point in negotiating a fair price.

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PROTEK 3502C OSCILLOSCOPE



This dual channel oscilloscope ranges from DC to 20 MHz. Input impedance is 1 M Ω shunted with 20 pF. Vertical deflection ranges from 5 mV to 20 V/Div over 12 ranges. Time base ranges from 0.2 μ sec to 0.5 sec/DIV on 20 ranges. Channel inputs can be selected for either Channel A or Channel B separately, Channel A and B displayed together, or a display of Channel A signal summed with Channel B. X-Y operation can be selected as well to display various lissajous patterns as desired. Two scope probes are provided with the unit. Perfect for testing applications and/or general experimental use.

Condition: Excellent Price: \$60 or OBO. Contact Mike Tweedy KV6I (805-231-9683)

EICO 390 FUNCTION GENERATOR

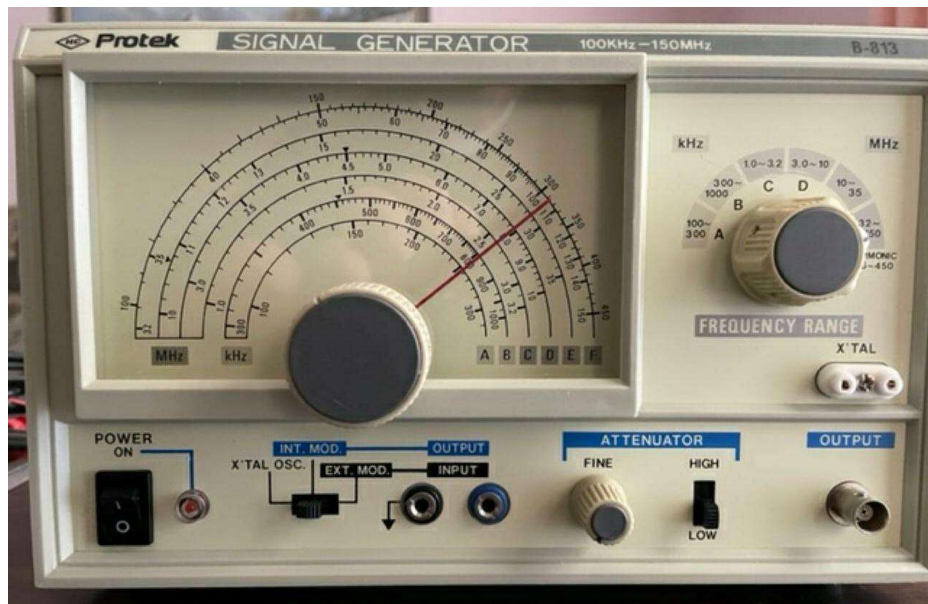


This function generator can provide sine wave, triangular wave or square wave outputs with a frequency range of 0.2 Hz to 200 KHz selectable over 4 ranges. Output waveforms can be selected to perform a wide variety for testing of electronic equipment. Output up to 10 v p-p is provided which may be attenuated from 0 to -50 dB. This unit also provides a sweep generator which can provide linear or logarithmic sweep modes of up to 1000:1 sweep range with a choice of three different sweep speeds.

Condition: Excellent Price: \$25 or OBO. Contact Mike Tweedy KV6I (805-231-9683)

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PROTEK B-813 SIGNAL GENERATOR



This signal generator provides an RF sine wave signal from 100 kHz to 150 MHz over 6 different frequency ranges. The output level can be adjusted from 30 mV to 250 mV RMS Max via the attenuator control. The unit also allows a 1 MHz to 15 MHz external crystal to be used for operation on a fixed frequency in lieu of VFO operation. Output is modulated at a 1 kHz signal at a 1V RMS level.

Condition: Excellent Price: \$25 or OBO. Contact Mike Tweedy KV6I (805-231-9683)

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MOBILE HAMSTICK ANTENNAS



I have five MFJ 1/4 wave hamstick-type antennas for sale, ranging from 75m, 40m, 20m, 15m and 10m plus a 5/8 wave Hustler CG-144 for operation on 2m. All of them feature a standard 3/8-24 threaded mount with a Hustler QD-2 quick disconnect adapter installed for quick R&R when operating on different bands. Typically the MFJ hamsticks sell for around \$30 new, the Hustler 2m antenna currently lists for \$73 while the Hustler QD-2 quick disconnect adapters sell for \$35 per set.

Condition: Excellent Price: \$100 for all or OBO. Contact Mike Tweedy KV6I (805-231-9683)

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PORTABLE TRIPOD ANTENNA TEST STAND



This tripod test stand features a 3/8-24 female threaded mount to allow installation of such antennas as a hamstick or any other antennas for testing or operational purposes. The bottom of the tripod has a SO-239-type female UHF connector to allow connecting a standard RG-8U or similar coax feedline. The three tripod legs can act as a small counterpoise for antennas under test and the entire unit can be installed on top of a motorhome or other vehicle for temporary use or actual operational use. Note: the sale is for the tripod stand only and does not include the hamstick and coax cable that are shown for demonstration purposes only.

Condition: Very Good Price: \$10 OBO. Please contact Mike Tweedy KV6I (805-231-9683)

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Simi Settlers' Amateur Radio Club Web Page: <http://www.simisetters.org/index.htm>
 Simi Settlers' ARC Yahoo Group: <http://groups.yahoo.com/group/SimiSettlersARC>
 Mail: P.O. Box 2125 Simi Valley, CA 93062-2125

Simi Settlers' Leadership				
President	Brian Hernandez	KM6MIN	(805) 813-7595 cell	km6min_bh@yahoo.com
Vice President	VACANT			
Secretary	Ron Nelson	K6RIN		rnelson759@sbcglobal.net
Treasurer	Glenn Daly	WA6GNB		gnb.2112@yahoo.com
Committee Chairpersons				
Webmaster	Matt Griffin	KN6SEC	(661) 361-5955 cell	mgriffi79@yahoo.com
Newsletter	Eric Oberg	KE6MLF	(805) 791-0745 cell	ericoberg1@gmail.com
Membership	Jim Parker	KJ6LXJ	(805) 368-6745 cell	kj6lxj@gmail.com
PIO	Linda Parker		(805) 558-1731 cell	kj6lxj@gmail.com
Raffle Prizes	Rick Galbraith	W6DQE	(805) 433-4513 cell	rick@keymaterial.com
Youth Coordinator	VACANT			
Historian	Mike Tweedy	KV6I	(805) 231-9683 cell	mtweedy@roadrunner.com
Net Coordinator	Brian Hernandez	KM6MIN	(805) 813-7595 cell	km6min_bh@yahoo.com
Food Services	Bill Everett	KI6KSV		ki6ksv@gmail.com
Room Coordinator	Linda Parker		(805) 558-1731 cell	kj6lxj@gmail.com
Elmers and Members at Large				
Past-President	Bill Woods	AB6BW	(818) 694-9019 cell	AB6BW1@gmail.com
Advisor	Bill Everett	KI6KSV		ki6ksv@gmail.com
Advisor				

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Simi Settlers Amateur Radio Club

P.O. Box 2125 Simi Valley, Ca 93062-2125 --- (www.simisetters.org)

Membership Application



Type of Application:

New Member
Renewal

Type of Membership:

Individual (\$25/yr)
Family (\$30/yr)

Name: _____ Day & Month of Birth: _____
(Omit year)

Call: _____ Class: _____ ARRL: Yes No

Address: _____ City: _____ State: _____ Zip: _____

Phone: (____) _____ Alt. Phone: (____) _____

E-Mail Address: _____

Additional Family Members:

Name: _____ Day & Month of Birth: _____
(Omit year)

Call: _____ Class: _____ ARRL: Yes No

Name: _____ Day & Month of Birth: _____
(Omit year)

Call: _____ Class: _____ ARRL: Yes No

Name: _____ Day & Month of Birth: _____
(Omit year)

Call: _____ Class: _____ ARRL: Yes No

Badges requested: Yes No How many? _____ X \$18.00 = \$ _____

Name (s) Call(s): _____

Shirt Printing: Yes No How many? _____ X \$25.00 = \$ _____

Name (s) Call(s): _____ (Self Supplied Polo Shirt, no emblem or pocket)

Hats Requested: Yes No How many? _____ X \$20.00 = \$ _____

Name (s) Call(s): _____

OFFICE USE ONLY

Application type: New Renewal Membership type: Individual Family

Date Received: _____ Amount Received: _____ Database completed: _____

Badges and Shirts ordered: _____

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