



P.O. Box 6421 Auburn, CA 95604

July 2021

<http://w6ek.org> [info@w6ek.org](mailto:info@w6ek.org)

**At The Key of SFARC:**

**PRESIDENT**

Brian Gohl, AI6US  
AI6US@titaniumsatellite.com

**VICE PRESIDENT**

Greg Dolkas, KO6TH  
ko6th.greg@gmail.com

**SECRETARY**

Michele Bauer, WH7QC  
mickybauer2012@gmail.com

**TREASURER**

Jeff Morgan, KM6RGO  
jamontrail@gmail.com

**DIRECTORS**

Gerry Brentnall, WA6E  
Wayne Stilwell, W6DT  
Chip Bautista, KM6MDF

**FIELD DAY CHAIRMAN**

*To be filled*

**REPORTERS**

Satellites: Greg, KO6TH  
Sunshine: Roy, WH7DH

**GROUPS io**

Dennis Gregory, WU6X

**PIO**

Scott Vogelsang, WA6YNE

**REPEATERS**

145.430 (-0.6 MHz/PL 162.2)  
440.575 (+5.0 MHz/FUSION)  
223.860 (-1.6 MHz/PL 110.9)

**CLUB NET**

Thursdays, 7:30PM, W6EK/R 145.430

**CLUB MEETINGS**

Second Friday of the month,  
Online Zoom starts @7:30pm  
Meeting ID: 962 6167 5605

**CLUB BREAKFAST**

Last Sat of the month at Mel's Diner  
1730 Grass Valley Hwy, Auburn 7:30AM

**NET CONTROL OPS**

Dave Jenkins, WB6RBE  
Orion Endres, AI6JB  
Chip Bautista, KM6MDF

**NEWSLETTER EDITOR**

Barbara Anderson, W6EVA  
anderson51@wavecable.com

**WEBMASTER**

Herb Garcia, KM6JBI

**STATION TRUSTEE**

Clyde Campbell, AB4CC

**VOLUNTEER EXAMINER**

Andrew Silvester, K6OP

**Calendar of Events**



**July 9<sup>th</sup> @ 7:30pm**  
*Zoom General Meeting*

**July 24-25<sup>th</sup>**  
**TEVIS**

**July 31<sup>st</sup> @ 7:30am**  
*Club Breakfast*

~ ~ ~

*Join us every morning @  
7:30am for the Coffee Break  
Net on the W6EK repeater  
145.43, PL 162.2*

**Inside this issue**

- ***President's Message***
- ***Photos from Field Day***
- ***Western States***
- ***What Is It? AND Blue Light Special***
- ***Board & General Meeting Minutes***

**We encourage members to receive Sierra Signals via email to save the Club the cost of reproduction and mailing**

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## President's Message

*By Brian Gohl – AI6US,  
President*

### **SFARC Field Day 2021**

Thank you for being part of a very successful Field Day 2021 at the Georgetown CA Airport Campground, June 24-26th. We had 166 visitors sign in during the 3 day event including 43 guests and 6 youth operators ages 6-13 years old. We gave out 7 ARRL FD 2021 pins to first-time radio operators. Many operators said that this was the first time they had operated on HF since being licensed. It certainly was great to see so many familiar faces and to finally meet so many of our new members. I was amazed at how many folks camped for the entire weekend, the number of families attending and how many kids got on the air.

Field Day set-up started at 11am on Friday and by 6 pm, 10 antennas were installed, power distribution from the 45KW generator was run and 5 stations plus a VHF GOTA station were on the air. The large club tents were stocked with food/drinks/snacks and a radio direction finder project display. Visitors were greeted at the welcome canopy that was stocked with ARRL brochures, a chance to win a FT70DR HT by signing into the daily attendance log and a chance to say hello on the hosted Zoom live feed. Emergency services were ready for almost anything, but only called into action to apply a few band aids. Friday evening, we enjoyed hot local pizza with micro brews, Alan - AI3A entertained us with fiddle playing and many worked HF late into the night, taking advantage of "Zero Noiseland."

After a hearty breakfast we gathered for an event overview and went over the logging, antennas and filter usage. About a half dozen volunteered to be event Elmers and help visitors with their questions. The first contact in the log was made shortly after the 11am start using FT8 by Herb - KM6JBI. The stations remained active throughout the event with good band conditions, but it was frustrating to have the logger server go offline several times. Fortunately, several network gurus quickly came up with a solution got everything back online.

82 visitors spent Saturday working the stations, visiting with new and old friends in the shade of the oak and cedar trees and snacking from the huge spread of snacks and drinks. The weather was almost perfect with a light breeze coming up in the afternoon. Several planes came in and a few pilots came over to check out the action. While the temperatures were warm, it was great to be out of the extreme valley heat!

A tip of the hat goes out to Peter – WB6POT. With the assistance of Wayne – W6DT, they copied and verified the entire 3 paragraph W1AW Field Day message via cw! What an outstanding feat, especially being positioned so close to the social tents! There should be additional bonus points for cw copy of this structured message! Way to go!!!

SFARC Field Day may be the only location to be protected by our own dedicated fire truck. In addition to providing the generator and laying a gravel road to minimize road dust, Scott – KK7AIR brought over his Mosquito Railroad fire truck and had it standing by. Fortunately, the truck was only used for dust control and a backdrop during his educational activity. Scott's presentation was on the Georgetown area history, demonstrating a 1912 news film camera used during the Hindenburg Airship disaster and a segment on railroad signaling devices and synchronization. Thank you Scott for arranging the use of the airport campground and for being a gracious host!

BBQ dinner was another delicious home run prepared by Jim, KQ6VP. Dinner was truly an all you could eat of tri-tip, chicken, potato salad and topped off with banana splits! Several operators obviously overdosed and were observed napping after that carb load! Slowly the day crowd dispersed and the overnight crews settled in accompanied by the bottomless coffee pot.

After another large pancake breakfast, and the tradition of counting down to the 11am stop time, a large crowd was on hand to tear down. The antennas, gear and camp were disassembled and stowed in record time with most folks on the road by 1pm.

This event took an enormous amount of planning and coordination to pull together. Please join me in thanking everyone who pitched in to make this one of the most fun and largest Field Day event in the club's history. If you would like to see more photos or upload your FD photos, please click on the w6ek.org website photos tab at: <http://www.w6ek.org/PhotoGallery.html>

Our Field Day logs are being reviewed and readied for submission. The results will be shared along with the drawing for the FT70DR HT winner at the July 9<sup>th</sup> club meeting. We thank the many club members who supported us and other FD 2021 participants from your homes or portable locations. We appreciate your contact and for submitting your FD logs with the club affiliation filled out for Sierra Foothills ARC. We look forward to seeing both our W6EK score and the SFARC members aggregated score!

### **Warm August Nights**

Mark your calendars and RSVP for the upcoming Ice Cream Floats and Watermelon event at Recreation Park in Auburn, CA on Saturday evening, August 21<sup>st</sup> @ 6PM.

RSVP: <https://forms.gle/Yz31pUShHexc8KVv8>

Bring your lawn chairs and picnic blankets and join us for a fun evening in the park. SFARC will be serving root beer and orange soda ice cream floats and watermelon slices. Rumor has it that there might even be a watermelon seed spittin' contest. You still have time to practice your winning technique. I have seen several YouTube videos that might give you a leading edge over the competition!

### **Fall Camp Out**

Time to RSVP and reserve your camp site for the SFARC Fall Camp out at Stampede Reservoir, Logger Campground for the weekend of September 10-12.

Come hang out for the weekend or stop by for the day. Bring a camp chair, tent, hammock, sleeping bag or a mega RV... All are welcome! A great location for recreation or relaxing. Book your own camp site ASAP. Many sites are available and being near the end of the season, likely will have drive-up spots available for last minute arrivals.

Lin - KN6KRD and I will be serving a free pancake breakfast on Saturday and there will be a potluck (and



hopefully S'mores around a campfire) on Saturday night. We have booked a double site at #230 for a social area. Will have a radio shack and you are welcome to share the IC-7300, 8010 end fed and maybe the Hexbeam. You are welcome to bring your own gear and there is discussion about a SOTA activation. Please RSVP and let us know you will be camping with us.

RSVP: <https://forms.gle/iBFg96nJYpWg2VNc9>

Campsite Reservation: [www.recreation.gov/camping/campgrounds/232858](http://www.recreation.gov/camping/campgrounds/232858)

Have a wonderful summer and be safe!

Looking forward to talking with you again, a little further down the logbook!

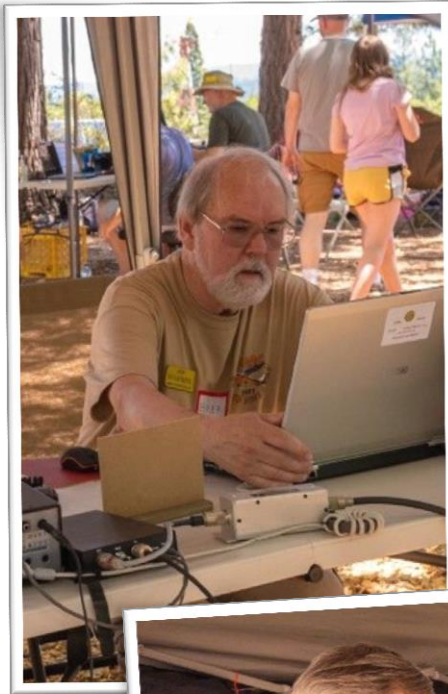
Until then, 73

Brian Gohl – AI6US

**SFARC President**









While everyone else was at Field Day, several members of the club were also assisting with comm needs at **Western States 100 Mile Endurance Run (WSER)**.

Bruce K6BAA and I did a tour of duty at Robinson Flat (mile 30). We went entirely solar this year. I ran a Winlink station so we had two laptops, a wireless access point, an FT8900R with connected TNC and a phone charger going on my solar system. I got home and plugged my battery in to top off / see how it did and it was fully charged within just a few minutes. Tip of the cap as well to Matt KK6YMJ, Greg Siino KM6YKT and son, Nick KM6YVW who were at Devil's Thumb - mile 47.8 - and to Orion AI6JB and Greg KO6TH at Cal 2 (mile 70.7). Heard a few other call signs I know sounded familiar, so apologies and tip of the cap to others who also participated.

*~ Submitted by Ken - NB6S*



## What is it?

***Hint:*** This item was used by amateurs to assist in winding coils. (It is not a torture device)



***Answer is on page 14 of this newsletter***



**ATTENTION!!! ATTENTION!!!**

# SFARC SHOPPERS



**AISLE  
"W6EK"**

All items are first come, first served. "As-is" (but checked out and good-to-go), US Dollars, pick-up at WA8MPA's.

This incomes will go directly to the SFARC Club treasury.

**THIS MONTH'S  
BLUE LIGHT SPECIAL**

**1500 Watts PEP  
2Mhz - 30 Mhz  
Manual Included  
Condition A+**

~~\$450.00~~ **THIS WEEK ONLY** **\$300.00**



WA8MPA | 530-305-0237 | Weimar, CA

**"Palstar AT1500BAL Tuner"**





## BOARD OF DIRECTORS MEETING MINUTES

### Video Conference Zoom Meeting

June 11, 2021 @ 1800

President: Brian/AI6US opened our Board meeting at 6:00 pm. The May 2021 minutes were accepted as submitted.

Vice-president: Greg/KO6TH announced the program for the General meeting.

Secretary: Michele/WH7QC had no report for the meeting; however, due to the fact, that the Bauer's will be going away this fall and not returning until about April 2023, a secretary replacement is needed before they leave.

Treasurer: Jeff/KM6RGO reported that we have 7 new SFARC members.

The club has received no PG&E bill. The club needs to reimburse members for their expenses for the "Coffee and Donuts in the Park" event which was a great success. There was a total cost of about \$478 and donations of \$205. Our AT&T phone bill stayed the same and our internet bill went down.

Directors:

Gerry/WA6E is out of town and had no report. Wayne/W6DT and Chip/KM6MDF had no reports.

Membership Chair: The Board is planning on having a membership chairperson, separate from the Treasurer. This will be a committee position, rather than a Board member one. Among the duties will be to collect membership applicants, membership renewals, welcome letters, and congrats to VE exam passers. Roy/WH7DH suggested that whoever does the "Greeter" position also do the Membership. All the Board members agreed. Roy/WH7DH, Jeff/KM6RGO and Orion/AI6JB will work together on organizing this committee position—Membership/Greeter. They will have a job description set for the July 9 Board meeting.

Repeater Trustee: Clyde/AB4CC had no report.

The Board all gave their congratulations to Amir Larian/N6ADL and his wife, Michelle for the birth of their baby daughter, Farah Rose, who weighed in at 7 pounds and 11 ounces, with a length of 23 inches. Congratulations to our new little SFARC family!

Web: Herb/KM6JBI reported that "Go Daddy" does not integrate well with other programs, but for now, it is our only option for SSL. He is bringing Amir onto his web page team which will be a great help. Thank you, Amir for volunteering for this important aspect of the club! They want to make the site accessible for the sight-impaired which is a super idea! "Go Daddy" is expensive and does not give all we need, so we need a change after our subscription expires. Herb and Amir will prepare an alternative domain site for us, which will include SSL and have options ready for the Board to review at our July 9<sup>th</sup> meeting. Jeff/KM6RGO commented that when we change things like the web site, the domain causes problems/hassles. Herb and Amir will run their findings with Jeff.

Groups io: Dennis/WU6X is out of town; however, but we have a few members added lately.

Social Media: Orion/AI6JB had no report.

VE Exams: SFARC is still working with Portland (which works very well), and we still have no access to Raley's room for in-person exams at this moment.

Volunteer Events: Chip/KM6MDF reported that the Western States Endurance Run is on for June 26-27 and the Tevis Cup for July 24. He has not heard from Bob or Ken regarding volunteers for the latter event.

Contests: Dennis/WU6X being out of town and had no report; however, there are no contests at this time, except for Field Day which is coming up soon!

Field Day: Gerry/WA6E will be at the General meeting via internet from Colorado. He said that there will be a donation bowl set out. Brian/AI6US will bring a laptop and Herb is arranging for WiFi.

Public Information Officer (PIO): Scott/WA6YNE recently wrote a great information article regarding Field Day. Thank you, Scott!

Nomination Committee: We need a nomination committee for our elections. It was suggested that Rich/AA6RS do the job. He has done it in the past and will do a great job of it.

Hamfest: Orion/AI6JB proposes that we resume the next Hamfest on March 19, 2022, as there is realistically not enough time or suitable timely dates available. The Board wholeheartedly agreed.

New SFARC Location: Jim/WA8MPA reported that his pastor was not available so he will check again next week. Greg/KO6TH is also looking into a church space near where he lives. The club is looking forward to meeting indoors in-person for September 2021, or October at the latest.

Picnic Chairs: Roy/WH7DH and Michele/WH7QC-Roy reported that a wonderful idea has transpired that the club hold a root beer float/watermelon social in lieu of the annual picnic. The event is being planned for Saturday, August 21 in the evening from like, 5-8 pm at a local park. Roy also announced that there will be a watermelon spitting contest to add to the fun! It is essential that we have watermelons loaded with black seeds, of course! 😊

For Field Day, there will be a FT-70DR/DE to be given out at Field Day. You must attend and sign up each day to be eligible for the prize, which is already paid for.

Brian/AI6US has proposed a camp out for September 10-12 at Stampede Reservoir. Brian and his wife, Lin/KN6KRD will cook breakfast. Club members are invited to it and there is no money involved. Club has liability insurance, but we probably need to update it due to vast growth of our club lately. Those interested in the camp out will need to reserve their personal camp site in advance. Attendees also need to RSVP to Brian and Lin if interested in being a part of their breakfast plans.

The club has 202 members, and 7 newbies will be voted in tonight. It was suggested that the Board members have a list in advance for future voting in order to view names of the newbies. Names will be submitted with the monthly updated roster.

The Board meeting was adjourned at 19:10. Submitted by Michele Bauer.





## GENERAL MEETING MINUTES

### Video Conference Zoom Meeting

### June 11, 2021 @ 1930

President, Brian/AI6US welcomed everyone to the General meeting. He announced that our famous “Coffee Break Net” received its 10,202 check in this morning!! The last couple of weeks have brought in folks from places like Britain, Hawai’i, and India!

He announced that on Saturday there will be a special Veterans’ benefit event at the Armed Forces Pavilion. The time is around 10-3 pm and the address is 955 Lincoln Way in Auburn.

Clyde/AB4CC has been hired as the new full-time manager for HRO store in Sacramento. Congratulations Clyde on your new, very appropriate job! The store will be open Monday-Saturday from 10-5:30 pm.

Jim/WA8MPA announced that the club needs a PC, preferably with Windows 10 to use for Field Day, Jamboree, etc.

The meeting was called to order at 19:50 and we all participated in the Pledge of Allegiance.

Al/NI2U was present for a very special presentation of “Honorary Life Member”!! Gerry/WA6E announced Al Martin as having been an Elmer, Mentor, the first person Gerry met as he joined SFARC—and clearly the “backbone of the club” for a long, long time! Al has always given far and beyond the call. He has served as past SFARC president, vice-president, Net control, and a VE Examiner at Raley’s and Granite Bay until Covid hit. He has been a Field Day chair, program Tech Ten presenter, hosted Ham classes, founded a scholarship, hosted the Elmer Net—Al has clearly done it all! Gerry displayed (via internet) a nice certificate award to the group that will be presented to Al in person after Gerry’s return from his trip.

New Members: Seven names were submitted for the vote of the club: Mark, Matthew, Brett, Jim, Matthew K and Russell. Roy/WH7QC motioned and Carl/N6CKV seconded for the club to welcome these seven newbies. The voting was unanimous.

We have 202 new members this week.

The May 2021 minutes were approved as submitted.

We are getting SSL to our website and looking for an alternative provider for the web site after our contract with AT&T expires.

We are hunting for a new in-person meeting location and hope to start meeting in September or October 2021. Since the Covid hit, our SFARC has grown tremendously, and we have far outgrown our space!

Roy/WH7QC announced that in lieu of our annual club picnic we are planning on a root beer float/watermelon social to be held on Saturday, August 21, in the evening from about 5-8 pm at a local park (should be a cooler time of day). We will of course need RSVP’s for the event to have enough of the goodies. Oh, and plan on a traditional seed spitting contest to add to the fun (“float & spit”)?! 😊

Brian/AI6US announced that there will be a camp out that the club is invited to at the Stampede Reservoir on September 10-12. Everyone that plans on camping needs to reserve their camp site in advance and RSVP for the breakfast that Brian and his wife, Lin/KN6KRD will be preparing for the group and the rest of the meals will be potluck.

### Tech Ten

Rick Littlefield/N6KLB

Greg/KO6TH announced our first Tech Ten presenter for the evening. Rick told our group that this is his 15<sup>th</sup> year as a Tevis volunteer, except in 2008 when the American River Complex Fires hit and of course, when the Covid-19 hit last year. This year's Tevis will be held on July 24-25. The Tevis Cup entails a 100-mile, one day trail ride. There is no cell service for the majority of the ride. Net control will be in Auburn, with 22 Vet checks for the horses, and 3 Tevis Ride official shadows. There will be 55-60 communication volunteers, 14-15 Net control people—from about 5:00 am until nighttime. Voice communications will be on VHF and UHF Repeaters. There will be about 300 horse riders and 22 check points and each rider will be tracked from start to finish. The dirt and gravel roads will have been smoothed out by Tevis weekend.

Rick said that sometimes volunteers need to be ready to stop a riderless horse, as he did one year, after the rider fell off after falling asleep. She of course was very concerned about her horse! An important point that Rick made during his interesting presentation is that the horse people care more for their horse than for themselves. The time commitment can be a 12-hour shift or longer. The Master control shift is usually 6 hours. Interested in volunteering? Get on: [radio@teviscup.org](mailto:radio@teviscup.org). Thank you, Rick for attending our club meeting and for your very informative presentation!

### Show Us Your Shack

Clyde/AB4CC

Clyde presented his radio shack which is choke full of radio stuff! He also has SFARC items there as he is the Repeater Trustee. Thank you, Clyde for your unsurprisingly, impressive, full to the brim radio shack!

The SFARC congratulated Amir Larian/N6ADL and his wife, Michelle on their new baby girl! Her beautiful name is Farah Rose, weighing in at 7 pounds, 11 ounces, with a length of 23 inches. Congrats to our new little SFARC family!

### PROGRAM

#### Field Day

Brian/AI6US asked the attending club members who has attended Field Day the longest. The “winner” is AI/N6ADT who, impressively has attended Field Day since 1965!! Way to go AI!!

Gerry/WA6E came on and announced our Field Day schedule being June 26-27, with set up taking place on June 25 at 11:00 am—all at the Georgetown Airport. Gerry said that Field Days started as a means of testing communications. Last year-2020-Field Day was held on an individual basis with folks setting up their portable radios and equipment at home or at various places like parks or up in the mountains—all socially distanced from everyone else. Field Days are always tons of fun and this year we look forward to a big group, especially after the long, Covid “lock downs”. This year's event will be a ton of fun and has been very well planned by Gerry and his committee. MANY THANKS TO GERRY AND HIS CREW!!



Gerry's committee took turns announcing various parts of this year's Field Day. Here are some main points mentioned:

- ✓ 58 have signed up so far for Field Day
- ✓ GOTA and contact scoring begins on Saturday at 11:00 am and ends Sunday at 10:59 am, followed by take down, pack up and site clean-up.
- ✓ The W6EK Repeater will be the official call sign (of course).
- ✓ First time operators will get an ARRL pin.
- ✓ Tee shirt sales are now closed due to the deadline of getting them made on time for the event, but some will be available for sale at Field Day or Brian's office a few days before the event.
- ✓ There will be pop-up tents
- ✓ Bring your own chairs
- ✓ Name badges will be ready for Field Day
- ✓ There will be a Public Information table
- ✓ Brian/AI6US and Lin/KN6KRD Gohl will be providing breakfast for Saturday and Sunday
- ✓ Friday night we will pool money resources for pizza
- ✓ Saturday night's main meal will be BBQ cooked by Jim/WA8MPA
- ✓ RSVP is mandatory for any meals desired with the group so as to make sure there is enough!
- ✓ There can be mosquitos in the evenings so be sure to bring bug spray and jackets for cool evenings.
- ✓ Yaesu FT-70DR will be a great prize handed out to one lucky winner. One MUST be in attendance and sign in each day to be in the running!

Field Day has been an annual event since 1933 and remains the most popular event in ham radio. The Georgetown Airport Campground is a beautiful location where there is plenty of room/shade for stations, antennas, and socializing!

Thank you so much, Gerry/WA6E and all those who worked so tirelessly in the planning and preparation of this popular and much-anticipated event! Thank you, Sal/K6SAL for being our Field Day committee chair for the weekend!

#### Calendar of Club Events

Western States Endurance Run: June 26 with Joe/K6SAT, Committee Chair

Field Day: June 25-27 with Sal/K6SAL, Committee Chair for the weekend

Tevis Cup: July 24 with Rick/N6KLB, Committee Chair

Root Beer Float/Watermelon Event in the Park: August 21, Roy/WH7DH & Michele/WH7QC, chairs

Campout at Stampede Reservoir: September 10-12, Brian/AI6US, chair

#### Announcements

Club Nets-Every Thursday @ 7:30 pm (145.430, PL=162.2)

Elmer Net-Every 1<sup>st</sup> & 3<sup>rd</sup> Wednesday @ 7:30 pm (145.430, PL=162.2)

Radio Direction Finder-Every 2<sup>nd</sup> & 4<sup>th</sup> Wednesday @ 7:30 pm online Zoom

Coffee Break Net-Every morning @ 7:30 am (145.430, PL=162.2)

Club Breakfast-Last Saturday @ Mel's Diner in Auburn-June 26<sup>th</sup> @ 7:30 am

Club Board Meeting-2<sup>nd</sup> Friday of the month, July 9, 2021 @ 6 pm, online Zoom

Club General Meeting-2<sup>nd</sup> Friday of the month, July 9, 2021 @ 7:30 pm, online Zoom

### Prize Wheel

Thanks to Joshua/KK6JHH for wheeling in for Dennis/WU6X!!

Paul/W2OHV—ARRL Field Day 2021 button/pin

David/N6OJJ—ARRL Field Day 2021 button/pin

Michael/KM6UPJ—ARRL Field Day 2021 button/pin

Jim/WA8MPA—ARRL Field Day 2021 button/pin

Ron/KA6AUI—ARRL Thermal Mug

Clyde/AB4CC—ARRL Field Day 2021 Tee shirt, size XL

By 10:00 pm we had no more quorum, so “Donuts and Coffee in the Park” reimbursements will have to wait until our July 9 meeting.

The meeting adjourned at about 22:00. Submitted by Michele/WH7QC



### **“WHAT IS IT?”**

#### **Answer:**

*Magnet wire is a thin, solid-core conductor that has a clear coating of enamel. This enamel acts as an electrical insulator. The usual way to strip away the enamel and reveal the shiny copper underneath is to scrape it off.*

*For small prototypes an exacto or utility knife blade works.*

*For low/medium volume builds (engineering prototypes) a manual scraper as shown below speeds the process by stripping off both sides simultaneously. 2-3 strips and bare copper if ready for solder.*

*For volume production automated strippers are the ticket but now you’re talking about manufacturing 1000s of transformers, inductors, etc per day/week*



**SIERRA Foothills Amateur Radio Club**

P.O. Box 6421, Auburn, CA 95604

**2021 MEMBERSHIP APPLICATION**

Name: \_\_\_\_\_ Call: \_\_\_\_\_ Class: \_\_\_\_\_ e-mail: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Associate Name: \_\_\_\_\_ Call: \_\_\_\_\_ Class: \_\_\_\_\_ email: \_\_\_\_\_

Phone: \_\_\_\_\_ Cellphone: \_\_\_\_\_ Application is: (New / Renewal) \_\_\_\_\_

**Dues / Donations:**

Membership: yearly*	\$22.00 or 20x__	Name Badge:	\$ 10.00/15.00	Yes (special name) _____
Associate: yearly*	\$ 7.00	Repeater Donation:	\$ _____	
Auto Patch Donation:	\$ _____	Newsletter Booster:	\$ _____	
Misc. Donation:	\$ _____	Christmas Donation:	\$ _____	ARRL member? (Yes/No/Life) _____

**TOTAL: \$ \_\_\_\_\_ Please add \$1 if paying via PayPal**

\*Prorated dues for NEW Members/Associates Only

July	\$ 20 /6	October	\$ 14/3 + following year	<b>New - - New - New - Multi-year DISCOUNT Membership *\$20 per year for 2 or more years (new or renewal)</b>
August	\$ 18/5	November	\$ 12/2+ following year	
September	\$ 16/4	December	\$ 10/1 + following year	

<b>OFFICE USE ONLY:</b>	<b>DO NOT WRITE BELOW THIS LINE</b>
Date: _____	Treasurer: _____
Secretary: _____	Roster: _____
Payment: _____	Check Number: _____
Cash: _____	PayPal: _____

Rev. 5-11-2018



**Dennis H. Gregory**  
Instructor/Technician

## MISSION CONTROL

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Reasonable rates, free consultation  
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Phone: 530-305-0180      Email: yourmissioncontrol@att.net  
Auburn, CA                      Web: www.yourmissioncontrol.com



## Macintosh Computer Repair

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support@carlschultz.biz

**Carl Schultz**  
Hardware, Software, Network, Tutoring

## SACRAMENTO RADIO EXPO



**Doug Wilner**  
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4343 Marconi Ave. Ste. #2  
Sacramento, CA 95821

sacramentoradioexpo.com