



SCOPE

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Palomar Amateur Radio Club

September 2017

It's Picnic Time!

Members of Palomar Amateur Radio Club, and HAM Friends in the community! Join Palomar Amateur Radio Club for a fun day of radio, T-Hunting, food, and rag-chewing at San Dieguito Park, in our usual area #4, on Saturday September 30 2017.

Hamburgers, Hot dogs, and Veggie burgers will be provided, along with the fixins, plates, and flatware. Members and guests are asked to bring an item from the following list based on their last name:

- A-K Side dish or casserole
- L-R Salad vegetables or fruit
- S-Z Dessert

We will also hold our yearly Participation Drawing for some fun prizes, and see some show-and-tell to include your boat-anchor radios and new toys or projects you might be working on, feel free to bring items to show off!

Exact schedule TBD, but we will be there in the morning at park opening (08:00) to setup, through lunch, and into the afternoon. We have the space all day so feel free to hang out as long as you like!



It Appears By Spears



First I want to apologize for the table of contents error last month. Since I was going to be out of the country in July, I produced a short issue to promote the program but forgot to change the table of contents. (I am glad to see everyone reads that part:)

This month we have another article about one of the early Ham Radio pioneers.

There are also articles about upcoming events including our annual picnic, auction and the Maker Faire.

We are still looking for articles about ham radio. In addition if you

have a new product you think people would like, please write a few lines and submit it.

Have a great labor day.

See you at the Picnic!

73 de KM6CXW

Keith Spears

Editor

Presidents Corner

“Our Picnic will be in September again this year,!”



As you've seen above, our Picnic is fast approaching! We decided again to hold it in September, in an effort to avoid the heat, and considering how warm it's been this past week, it's probably a good idea! Come join us for this social event, bring your boat anchors or

other projects to show-off, and relax in the park!

See page 17 for info in the auction next month! Please note the changes about items that go for under \$10. We are trying to get more interesting items and speed things up, as well as make the

book-keeping more stream-lined.

See page 18 for an invitation to join the DEFCON booth at Maker Faire and share Amateur Radio and your own projects with others!

Thanks and 73 de K6JPE!



Board Members and Committee Chairs

Board of Directors

President	Joe Peterson, K6JPE	(619) 630-8283
Vice President	Michael Gottlieb, KB6D	(858) 212-4646 Text Welcome
Treasurer	Tom Ellett, W0NI	(858) 546-1148
Secretary	Sandy Pratt, KK6EED	(858) 748-2611
Director 1	Kevin Walsh, KK6FRK	(858) 722-5069 (Text Welcome)
Director 2	John Kuivinen, WB6IQS	(760) 727-3876
Membership Chair	Glen Christensen, AI6RR	(858) 735-1144
Repeater Technical Chair	Mark Raptis, KF6WTN	
Scope Editor	Keith Spears, KM6CXW	(858) 472-8442 Text Welcome

Not on Board

Repeater Site Chair	Mark Raptis, KF6WTN	(Acting)
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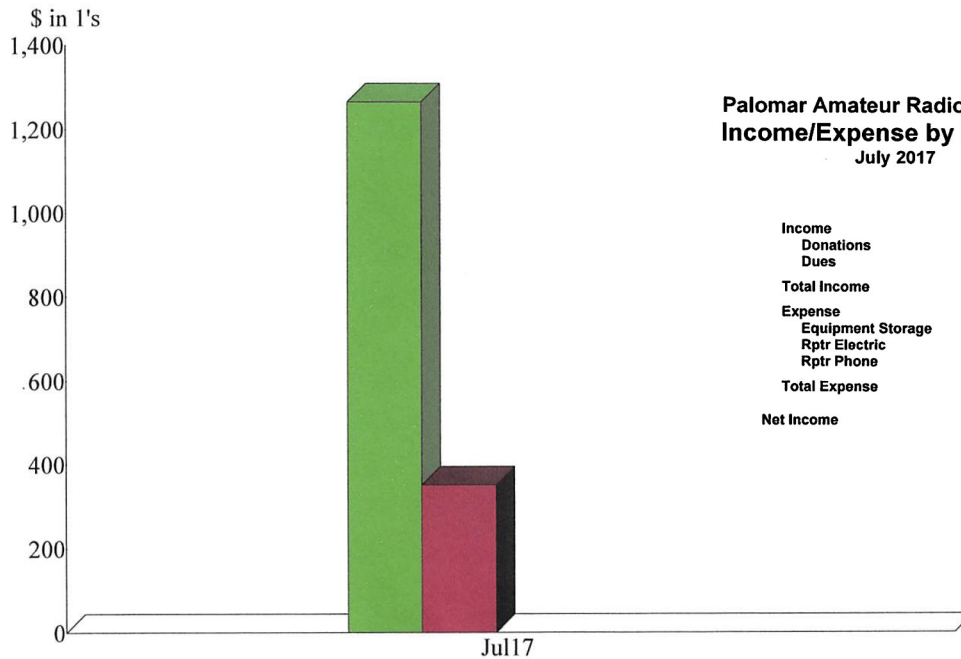
Committee Chairs

Boy Scouts	Michael Palugod	mpalugod@yahoo.com
Digital ATV	Michelle Thompson, W5NYV	mountain.michelle@gmail.com
Echo Link	Bernie Lafreniere N6FN	N6FN@niftyaccessories.com
HF Remote	HF Remote SIG	hfremote@palomararc.org
Mesh Networking	Michelle Thompson, W5NYV	mountain.michelle@gmail.com
Operating Day	Tom Martin K6RCW	k6rcw@amsat.org
SANDARC Representative	John Walker AC7GK	ac7gkjohn@gmail.com
SANDARC Representative	Paul Williamson KB5MU	kb5mu@amsat.org
SD Microwave Group Liaison	Kerry Banke N6IZW	kbanke@sbcglobal.net

WANTED: Book "Ampilfing devices and low pass amplifier circuits", 1968, by Cherry and Hooper. Can buy or have many other books to trade.

Mike Zuccaro, AG6mQ, 858-271-8294 or mjzuccaro@aol.com

Palomar Amateur Radio Club, Inc.
Income and Expense - July 2017

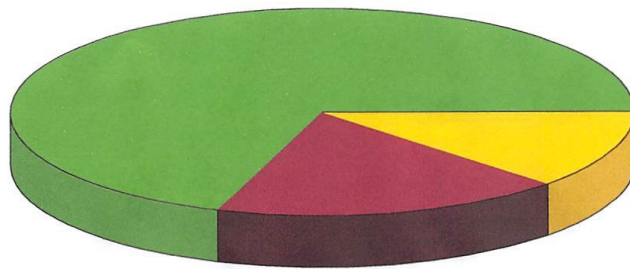


Palomar Amateur Radio Club, Inc.
Income/Expense by Category
July 2017

	Jul 17
Income	
Donations	198.00
Dues	1,068.55
Total Income	1,266.55
Expense	
Equipment Storage	245.00
Rptr Electric	64.90
Rptr Phone	42.04
Total Expense	351.94
Net Income	914.61

Expense Summary
July 2017

Equipment Storage	\$245.00
Rptr Electric	64.90
Rptr Phone	42.04
Total	\$351.94



By Account

September Program—September 6th

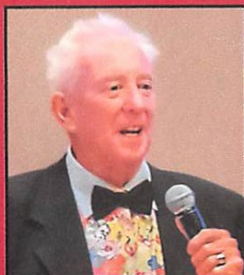
Join us as our own Dennis Vernacchia, N6KI shares his experiences of being a Ham Radio operator during the Vietnam War. He will also discuss radios's role during the war.

This is an interesting presentation and has been updated since it was last presented. Don't miss this exciting look at the history of ham radio.



Upcoming Events

Wednesday, September 6th	7:30	PARC Meeting	Carlsbad Safety Center
Wednesday, September 13th	7:00	PARC Board Meeting	Poway Fire Station #3
September 15-17	All	HamCon	Torrance, CA
September 30th	10:00	PARC Picnic	San Digeo Park
Wednesday, October 4th	7:30	PARC Meeting	Carlsbad Safety Center
Saturday, October 7th	7-3	San Diego Hamfest	Lakeside Rodeo Grounds
Wednesday, October 11th	7:00	PARC Board Meeting	Poway Fire Station #3
October 20-23	ALL	PACIFICON	San Ramon
Wednesday, November 1st	7:30	PARC Meeting	Carlsbad Safety Center
Wednesday, November 8th	7:00	PARC Board Meeting	Poway Fire Station #3



Saturday Breakfast
with Gordon West

Saturday Banquet
with Special Speakers

Wouff Hong
Initiation



Latest
Ham Radio
Equipment for Sale

One Day
Technician License
Prep Class

Ham License Testing



ARRL PACIFIC DIVISION HAM RADIO CONVENTION

Featuring Youth & Education

Produced by the Mt. Diablo Amateur Radio Club

October 20, 21 & 22, 2017
San Ramon Marriott
2600 Bishop Drive
San Ramon, California 94583

**GENERAL ADMISSION:
\$25 IN ADVANCE - FOR ALL 3 DAYS!**

*Tickets at the door will cost \$30; 17 years old & under are free;
College Students with valid student ID (25 & under): \$5*

*** Some events are additional ***

If you need hotel accommodations
either call Marriott Hotel Reservations at
925-867-9200 by Sept 20, 2017 (per availability)
to ask for the Special Pacificon rate of \$138/night,
or reserve your room on-line at www.pacificon.org

**Go to the Pacificon Website for
Events - Schedules - Registration
WWW.PACIFICON.ORG**

*** Events are subject to change – check website ***

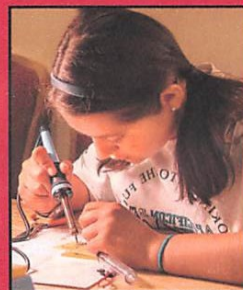


Outstanding
Technical Forums

Sunday Swap Meet

Kit Building

Ham Radio 101 & 201



All Day Friday
Antenna Seminar

Ham Instructor
Academy

Special Events Station
Get-On-The-Air



Repeater Status

This list includes W6NWG repeaters operated by PARC and other repeaters open to use by PARC members. All W6NWG repeaters are located on Palomar Mountain and are open to all amateurs.

Frequency	TX	Tone	Call sign	Remarks
52.680	-	107.2	W6NWG	Back on the air. Performance tweaking in progress
146.730	-	107.2	W6NWG	System Fusion enabled. See Note 1
147.075	+	107.2	W6NWG	System Fusion enabled. See Note 1
147.130	+	107.2	W6NWG	System Fusion enabled. See Note 1
447.000	-	107.2	W6NWG	FM only for EchoLink Call Sign N6FN-R
224.900	-	107.2	WD6HFR	Convair/220 ARC
224.380	-	107.2	KK6KD	HARS Hispanic Amateur Radio Society Open
224.940	-	107.2	KK6KD	HARS: Sharp Chula Vista Hospital, Open
145.260	-	107.2	KK6KD	HARS: San Diego Open
147.945	-	107.2	KK6KD	HARS: System Fusion Mt. Miguel Open
448.460	-	151.4	KK6KD	HARS: Mt. Miguel, San Diego Open
145.460	-	110.9	XE2DXA	HARS: Tijuana, Mexico Open
146.970	-	107.2	KA3AJM	Vista-Sponsored by MetroNET
146.175	+	107.2	N6FQ	Fallbrook ARC; linked to 445.600
445.600	-	107.2	N6FQ	Fallbrook ARC; linked to 146.175
145.050	s	N/A	W6NWG-1	Packet node; linked to metro 9600 net 1
146.700	-	N/A	W6NWG-3	Packet duplex repeater; Duplex 3

PARC operates an armature fast-scan television repeater. It's currently off the air. Currently there are not links to other ATV sites.

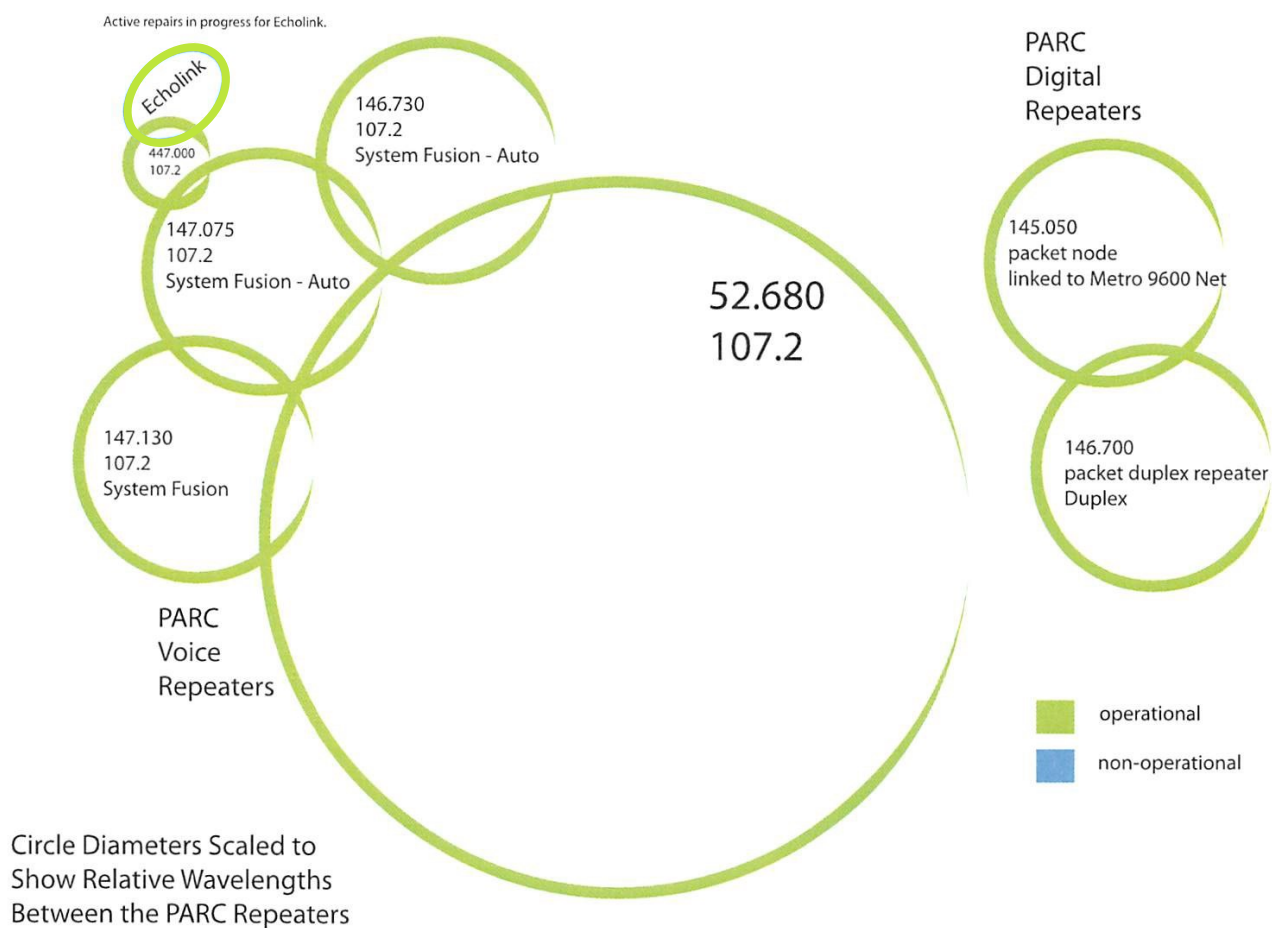
- ATV in: 915 MHz WBFM audio subcarrier 5.8 MHz
- ATV in 2441.5 MHz WBFM, audio subcarrier 6.0 MHz
- Intercom: 146.415 MHz NBFM simplex (tone 79.7). Currently not working.
- ATV out: 1241.25 MHz VSB, NTSC Standard

The PARC repeater site on Palomar Mountain is located at 5560 feet above mean sea level and 2132 above mean terrain. It covers most of San Diego County and beyond into Mexico and out to sea, and is shielded from the North.

Note 1: All Fusion enabled repeaters require a CTCSS tone of 107.2 Hz to access the repeater and also transmit a 107.2 Hz tone. Since the repeater output has a 107.2 tone you can enable CTCSS receive tone squelch on your transceiver which will eliminate interference from spurious noise and other repeaters. Control operators have the capability of setting the Fusion Repeaters to FM only operation. Consequently if you can't bring up the repeater in C4FM digital mode, try using normal FM mode. When in FM mode all Fusion repeaters have a 3 minute maximum transmit time, after which the repeater will cut off transmission until after the received signal drops. To prevent timing out the repeater after someone finishes talking, wait until you hear the courtesy beep which indicates that the 3 minute time has been reset. If a transmit timeout happens the repeater will provide a voice message indicating that the maximum transmit time has been exceeded.

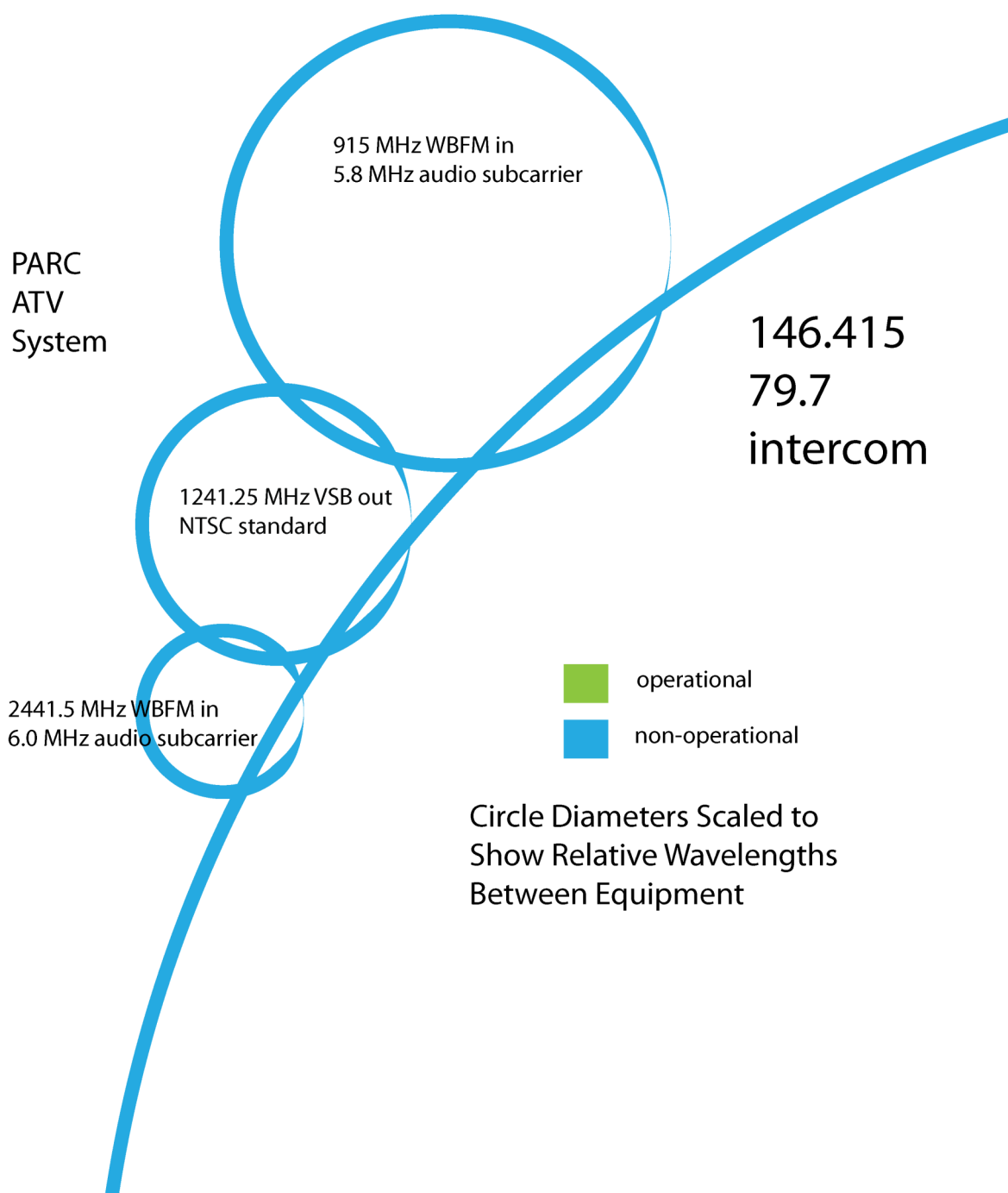
Note 2: PARC no longer operates an autopatch or packed BBS

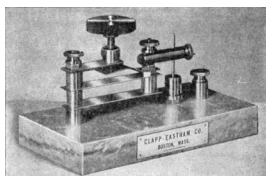
Reported Repeater Status



Thanks to Michelle Thompson, W5NYV for the repeater status graphics.

Reported ATV Status





"His interest in radio was 'sparked' at a very young age during three Trans-Pacific voyages he and his family took in 1911, 1913 & 1916"



PARC Pioneer Fred Johnson Elser – KA3AA, PI-3AA, K3AZ & 1ZA March 1, 1906 – July 12, 1988

Fred Johnson Elser was known as "FJ" to the ones with whom he communicated in CW mode, from his first two-way wireless contact in 1916 from Manila, Philippine islands (PI) and the numerous QSO's that followed from exotic locations in the world spanning close to 70 years. His station slogan was "OUR SIGS COVER THE WORLD, NOT THE TUNER."

Fred, in October 1919, has the distinction of being the first licensed amateur radio operator in the Philippine Islands, then a U. S. Possession. He operated ARS 1ZA, PI-3AA, K3AZ and KA3AA.

His interest in radio was "sparked" at a very young age during three Trans-Pacific voyages he and his family took in 1911, 1913 & 1916. The ships back then were equipped with "spark-gap" wireless

transmitters and the "noise" these units made drew his attention and interest. Fred learned the

In the early years, there was no licensing authority for Ham Radio and remained unregulated until 1912.



International Morse Code on wire telegraph during the years of the WW-I...what was a young man to do then? In the few years to follow, he was operating his own spark-gap station.

Fred was a pioneer of radio in the PI's not only in Amateur Radio but also in Broadcast Radio. In 1923, he built a low-power broadcast station putting out 100 Watts located in Ermita. Far Eastern Radio purchased his



Fred Johnson Elser — Continued

transmitter and contracted him to build a 500 Watt station to become KZRQ at the Manila Hotel, inaugurated in December 1924. During this period the broadcasters were usually Hams too. He

League's Board to "throw out" the Philippine Hams along with the Pacific Division. He made his views known to the League and campaigned strongly for these Ham Operators to regain

operated in the ARMY and NAVY CLUB Manila and who was visiting him at Baguio City, were inspired to sponsor an operating award. This award, a wooden trophy carved by the indigenous Igorots of the region, is

"Elser-Mathes Cup" to be awarded to the first Amateur Radio two-way communications between Earth and Mars"



published a 124-page book "Radio In The Philippines" in 1925.

He was Stateside in 1920 – 1923 operating "6ANM (W6ANM)" in California.

Fred joined the ARRL in 1921 and remained a loyal member. However, in 1930, he was disillusioned with the ARRL when one of its directors got the

their representation within the League endorsing W6HM in the 1931 elections for Director of the Pacific Division.

Fred returned to Manila in 1928 during which time he and Stanley M. Mathes – 1CY (ex-7OE, K1CY), a Lieutenant Commander with the USN & ARRL SCM (1928-29)

known as the "Elser-Mathes Cup" to be awarded to the first Amateur Radio two-way communications between Earth and Mars. The trophy is on display at the ARRL Museum where it's been since 1929 waiting to be claimed!

Fred received an Electrical Engineering

(Continued on page 12)



Fred Johnson Elser - Continued



"In 1934 he was granted U. S. Patent #1957327 for his "Magnetically Modulated Vacuum Tube Oscillator."

degree from Massachusetts Institute of Technology (MIT) in 1931. His thesis, co-authored with a fellow named Henry Geddes Hartwell, was entitled: "An Experimental determination of the field distribution about crossed loop antennae excited at high frequencies." In 1934 he was granted U. S. Patent #1957327 for his "Magnetically Modulated Vacuum Tube Oscillator." He served as an Officer in the U. S. Army's Signal Corps retiring with a rank of Colonel. He was married and had two daughters and a

son, none of which became Ham operators; he put it this way "More radios for me!" In 1981, to fulfill requirements for the Degree of Doctor of Philosophy in American Studies at the University of Hawaii, Fred submitted a dissertation titled: "Amateur Radio – An American Phenomenon." Serving with the U. S. Military, Fred traveled the world allowing him to enjoy the hobby under different operating conditions. He was a recipient of various operating awards: DXCC, WAC,

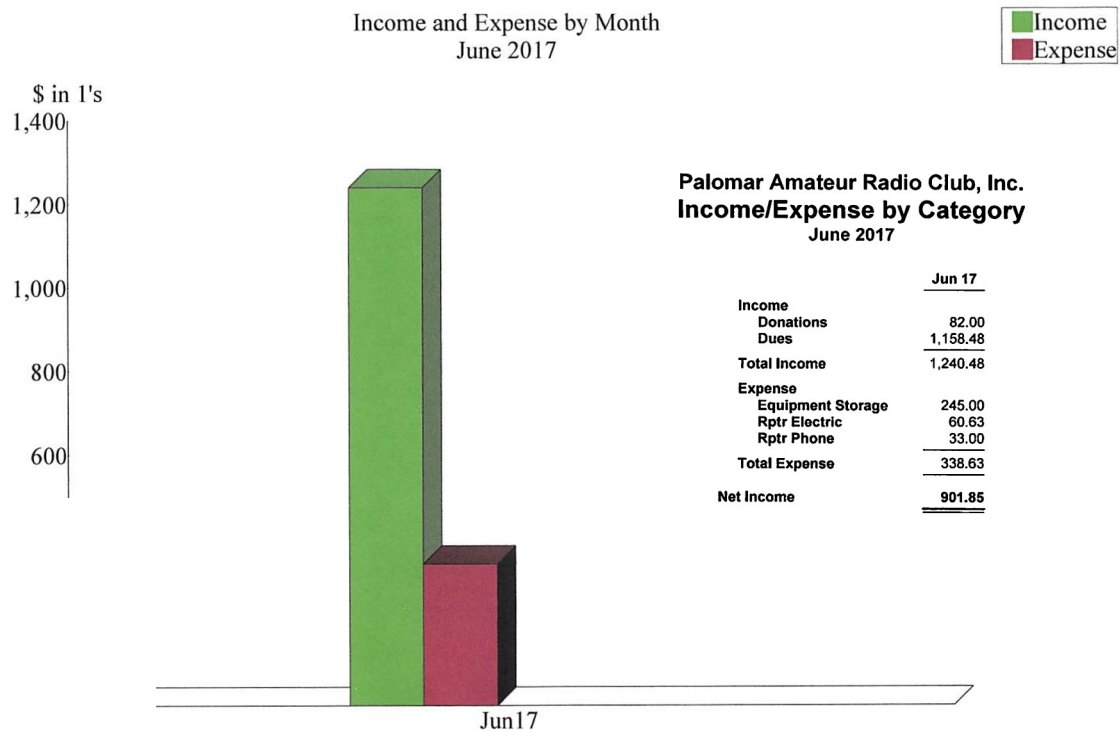
WAS, WAZ and many others. Altogether, Fred held about 57 call-signs in his lifetime. Later, Stateside: W6FB, W7OX and KH6CZ. Mario "Ricky" Maipid, KB4SAD
February 2010



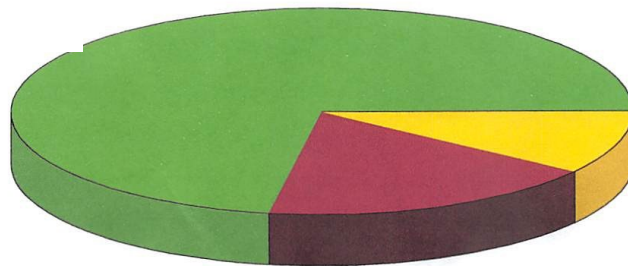
Fred Johnson Elser, W6FB (ca 1960's)



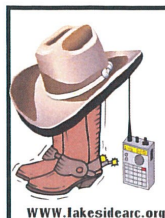
"Elser-Mathes Cup"

Income and Expense by Month
June 2017Expense Summary
June 2017

Equipment Storage	\$ 245.00
Rptr Electric	60.63
Rptr Phone	33.00
Total	\$338.63



By Account



San Diego Hamfest 2017



DATE: October 7, 2017

- All Local Ham Clubs Welcome
- Button Hole "QSO's" with other Hams
- Visit Ham Club Booths
- ARRL Forum
- Ham Radio Vendors
- Door Prizes
- VE Testing
- T-Hunt
- Speakers
- "FREE" Antenna Friendly Parking

Time of the Event: 7 AM-3 PM

"Old Radio Trade Show" Starts at 6 AM

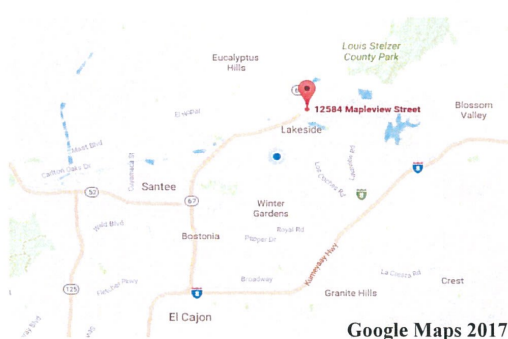
Old Radio Trade Show in parking lot!
Set-up a table and sell your unwanted
Old Radio Gear
ONLY \$5.00 a space!

Hamfest Cost: \$5.00

Trading Post: "Consignment Booth"



MAP



Sponsored by: Lakeside Amateur Radio Club
Visit us on the Web at
WWW.LakesideARC.org

Location

Lakeside Rodeo Grounds
12584 Maplevue St., Lakeside CA

*You are cordially invited to attend the
3rd Annual San Diego Hamfest 2017.*

We plan on starting out the day with an

Old Radio Trade Show, Vendors,

Speaker Forums, and VE Testing.

So come on out and let's Ham it Up!

**Like Us on
Facebook !**



For the most up to date information
Please visit: WWW.SDhamfest.org

Ver 1.0

Membership Report

From the Membership Table. You can check the status of your membership 24/7 at Member List or go to the club's website and navigate to Join and click on "here" at the top of the page. Enter your call sign into the box and click the "Look up my membership status

now" button. To renew your membership or extend your membership, fill in the form on the Join page. Make sure you select the correct value from each of the drop-down menus (Type of Membership, How many years, I'm an ARRL Member, Newsletter option and

License Class). If you want to receive an email when your membership is coming due for renewal, please make sure that I have a valid email address for you. To do that, please send an email to Membership@palomararc.org.



Check the status of your membership 24/7 at [Member List](#). If you don't find your name and callsign on that page, then your dues have lapsed. If you have questions, send email to Membership@palomararc.org.



Polo Shirts

We're ordering Polo shirts! Some of you already have orders in with me from the last meeting, please be ready to pre-pay for them so we can get the order placed ASAP! We need

20 shirts to get the price I've been quoted. If we end up with 30+ then the price goes down and I'll have a little change for those who have pre-paid once your shirts come in! Base price: \$21.00 includes printing on the front, PARC logo on one side and your name/

callsign over the pocket. Add \$2.00 for 2XL, \$3.50 for 3XL, or \$5.00 for 4XL. Add \$5.00 if you also want the logo printed large on the back.

73 de K6JPE
Joseph Peterson



HAMCON 2017

ARRL Southwestern Division Convention

September 15-17, 2017

Torrance Marriott Redondo Beach Hotel
3635 Fashion Way
Torrance, CA 90503



Hamcon, Inc. is a 501(c)3 Non Profit Organization

"Ham Radio for Everyone" is our theme with much to see and do at HAMCON 2017

- Full range of Tech Talks by experts on radio equipment, operating techniques, public service, DXing, technical subjects, and much more
- 10,300 sq. ft. Vendor/Exhibit Hall with 63 booth spaces
- Distinguished speakers at Saturday lunch and dinner, and Sunday breakfast
- Extensive prize drawings
- Free testing of HT radios by ARRL's Bob Allison, WB1GCM, ARRL Asst. Lab Manager using advanced spectrum analyzer
- W1AW/6 Special Event station
- ARRL Forums, VE testing sessions, QSL card checking
- Young ham forum
- Sunday swap meet
- Discount hotel room rates (available through Aug. 24 via Marriott link on our website)
- With more to come . . .

AND FOR THE FIRST TIME EVER

Special Friday Afternoon tour of the Battleship Iowa

- Includes Catered Buffet Dinner in the Officer's Wardroom
- Tour the Radio Room (not open to the general public) and operate the ship's NI6BB amateur station
- Bus transportation to and from the Marriott Hotel included
- Limited to 80 guests so register early

For complete convention details, registration and hotel bookings log onto:

WWW.HAMCONINC.ORG



PARC AUCTION!

**Wednesday, October 4th
Carlsbad Safety Center
2560 Orion Way, Carlsbad**

- Sellers can setup between 6:00 and 6:30
- Please have your name and on all items
- Buyers can examine the merchandise between 6:30 and 7:00
- The auction will start at 7:00
- All items should have some nexus to amateur radio
- Information on the condition of the item is appreciated
- Small items can be grouped together in a lot
- Any item that sells for less the \$10 will be considered a donation to the club
- We accept cash, credit cards and gold bouillon but no bitcoins



Maker Faire® San Diego

Maker Faire San Diego, a celebration of the Maker Movement and the do-it-yourself culture, returns to Balboa Park October 7-8. With air rockets, robots, towering sculptures, and a world of virtual reality, San Diegans are invited to be creative, engage some amazing technology, and get their hands dirty.

Early bird tickets for Maker Faire San Diego are on-sale now! Adult prices start at \$22 Children prices start at \$13 Admission includes entry to participating venues. To purchase tickets on the newly redesigned website, visit www.sdmakerfaire.com

The Balboa Park Cultural Partnership and San Diego Makers Guild will partner with the City of San Diego to put on the event showcasing innovators and creators. Part high-tech science fair, part-county fair, part something entirely new, Maker Faire is an all-ages gathering of tech enthusiasts, engineers, artists, scientists, cosplayers, and more. Makers will be sharing, showing, and making awe-inspiring creations that are practical, built for fun, or constructed just to push the limits of imagination and technology. All of these makers come to Maker Faire to show what they have created to a community that fearlessly celebrates innovation, creativity, and learning-through-doing.

Over 10 institutions in Balboa Park will be participating in this year's Maker Faire San Diego:

- Japanese Friendship Garden
- Museum of Photographic Arts
- Reuben H. Fleet Science Center
- San Diego Air & Space Museum
- San Diego Art Institute
- San Diego Automotive Museum
- San Diego Hall of Champions
- San Diego History Center
- San Diego Model Railroad Museum
- San Diego Natural History Museum

WHAT IS MAKER FAIRE:

Maker Faire is an award winning, family friendly event celebrating technology, education, science, arts, crafts, engineering, food, sustainability, and more. Maker Faire has become part of pop-culture, a place for experiential marketing, debuting new technologies and inventions, and celebrating geekdom. Maker Media produces two annual flagship Maker Faires, partners with museums to produce Featured Maker Faires, and works with communities to license Mini Maker Faires around the world.

MAKER FAIRE SAN DIEGO:

Maker Faire San Diego is a festival of invention, creativity and resourcefulness, and a celebration of the Maker Movement and Do-It-Yourself Culture in the San Diego Region. Unique from other Maker Faires, MFSD will incorporate all of Balboa Park in what is being called an “outside-in” model to include Maker exhibitions within the museums as well as throughout the Balboa Park.

HISTORY OF MAKER FAIRE: The first Maker Faire launched in May 2006 in the San Francisco Bay Area and was quickly followed by Faires in Austin, Detroit and New York City, as well as others around the world. Technology has lowered the barriers to becoming a Maker and this has launched the Maker Movement, which fuels Maker Faire. Maker Faire was designed to be forward-looking, showcasing Makers who are exploring new forms and new technologies. But it is not just for exhibiting what is new in technical fields - Maker Faire features innovation and experimentation across the spectrum of science, engineering, art, performance, and craft.

ABOUT SAN DIEGO MAKERS GUILD:

The San Diego Makers Guild is a nonprofit that is committed to fostering the maker community and to promoting, showcasing, and encouraging adoption of making by individuals and public and private institutions, with the goal of advancing education, innovation, commerce and lifelong learning. Our vision is to help develop San Diego into a nationally known maker city. Learn more at www.SDMakersGuild.org.

AMATURE RADIO AT MAKER FAIRE:

So where does amateur radio fit into to Maker Faire? Plenty of places! One of the most recognizable amateur radio installations has been Not Your Grandfather's Ham Radio. Members of the San Bernardino Microwave Society have anchored this interactive, engaging exhibit for the past several years.

For 2017 The DEFCON 619/858 Group has applied for space at San Diego Maker Fair. The booth will be about hacking with Ham Radio prominently featured. They would appreciate support for PARC for the booth. Contact Michelle, W5NYV for more information at mountain.michelle@gmail.com.

We are also hoping to have a special event station for most of the weekend. We will need volunteers to staff it. Contact Keith, KM6CXW at keith437@roadrunner.com for more information.

World Scout Jamboree Over the Air Camp Balboa

Friday, Saturday and Sunday



Cub and Boy Scouts please join us for the 60thth annual World Boy Scout Jamboree Over the Air – JOTA/Internet October 20 – 22

- Friday 6 PM to AM to Sunday 11 AM at Camp Balboa

- Radio Merit Badge workshop presented by the SDIC Radio Scouting Committee

- Unit overnight camping available Friday and Saturday, including Jamboree On the Air activities Friday evening through Sunday morning**

- Other specifics:

- Registration will open soon on Doubleknot

- Cost: \$7.00 Merit Badge and award pre-requisites will be published soon

- Scouts should bring lunch, beverages, and snacks for the day Saturday

- Units that want to camp can participate as a group may register and pay for overnight camping directly with the Council Camping Department, and must bring all food and camping gear

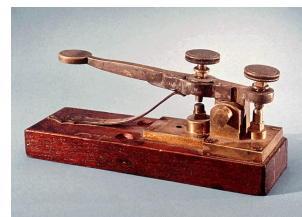


Request to Borrow Equipment

To the Board Members,
I am currently seeking
to borrow a Keyer, and
a Keyer paddle for CW
Academy. The course
is 16 weeks via a Skype
classroom. I checked
with HRO for this
equipment costing

about 138.00. I
thought to try PARC
members for a
temporary loan for the
duration of this class.
Please let me know if
there is anyone willing
to loan the equipment
and/or other resources

to access. The CW
academy starts next
week on September
7th for the level 1 class.
thanks for listening,
Gwen Lee
W6OKY



Radio Scouting

Call out for help for Radio Scouting:

- 1) Need volunteer to test Kenwood TS 430S, and Yaesu FL 7000 linear amp with Yaesu 990 (as a system). Gear was donated to Scouts. Condition unknown.
- 2) Need volunteers to help replace 5 - 6 sheets of drywall in Scout Radio Room at Camp Balboa. Entails removing damaged drywall and replacing with new.
- 3) 4) Need volunteer to test and repair antennas in Scout Radio Room at Camp Balboa. Parts are there, but in disrepair.

See kk6frk@arrl.net if you are hankering to help.

Donate to PARC by Shopping at Amazon

As publicized earlier this year, PARC is now a not-for-profit charity, and funds donated to PARC are deductible for income tax purpose if you itemize.

PARC also announced that in cooperation with Amazon, it is now

possible to shop on Amazon at NO cost increase, and have Amazon distribute a percentage donation to PARC.

This is done by shopping on www.smile.Amazon.com.

If you choose to avail yourself of this opportunity, when shopping on www.smile.amazon.com, specify Palomar Amateur Radio Club as your charity of choice for donation.



SCOPE
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CLUB

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Editorial Policy

The Scope welcomes and encourages members to submit articles, photos, stories, equipment reviews and any other items of interest to ham radio.

The Palomar Amateur Radio Club reserves the right to edit all submissions for content and length.

Please submit documents in MS Word format and photos as JPEG or GIF. Flyers may be submitted in PDF.

All submissions need to be received by the 20th of the month.

Send submissions to:

scope@palomararc.org



Palomar Amateur Radio Club

The Back page is a place for ham radio humor. If you have a joke, cartoon or just a fun story about ham radio, please share it with me.



Antenna Party

One Saturday morning, Sam held an antenna party at his house. About a half dozen hams showed up, and the antenna went up pretty quick. At this point, they all headed inside for lunch...except for Joe. Sam asked the other guys, "Hey, where's Joe?" After getting a bunch of blank stares, Sam headed outside to find Joe.

As it turned out, Joe was still up on the roof. Sam yelled up, "Hey, Joe. What are you still doing up there?" To which Joe replied, "Well, didn't you say that the drinks were on the house?"

Maybe it was his Wooden Teeth

George Washington and his father used Morse code! When young George chopped down the cherry tree his father asked "Who di-dit?" and George replied "I di-dit da-dah"

The Perfect Wedding

Did you hear about the two antennas that got married ? The wedding wasn't much but the reception was great !