



FARC General Meeting On the Air
Second Friday at 7 P.M. on the W6TO repeaters

FARC BOARD MEETING DATES
 The 1st Tuesday of the month

FARC Nets
 Morning Drive Time Net:
 Weekday mornings-
 7:30—8:00 a.m.
 W6TO/R 146.940

FARC Net:
 Sundays @ 7:00 pm
 W6TO/R 146.940

Web page:
W6to.com

Join us on the second Friday of the month for an on the air meeting at 7 P.M.!

No physical meetings at the moment– stay tuned in on the club repeater!
 Meeting at 7 P.M. Jan. 8, on the club repeaters!

2021 membership dues:

The board has voted that any paid up 2020 member will be considered paid also for 2021, as our expenses have been lighter during this pandemic time.

The Fresno ARC would also encourage new members to fill out the form on the last page of any Skip. New members are at last year's rate.

Straight Key night is coming on Jan. 1st, all day. Here is a new project that John, K6MI hopes to have on, his first novice transmitter from 1963. Old radio or new, try cw. Straight key preferred, but use what you have.



UC Merced center is closed for the rest of 2020. On the air meetings until the COVID 19 is under control.

Elected at the Oct. meeting were four directors for 2021-2023.

Jim Erbe	W6NIF
Larry Lion	W6OWL
Ken Holden	WA6OIB
Mike Chico	KM6MRT

The terms are for two years. The directors met at the Dec. board meeting and elected the officers for next year.

Officers for 2021:

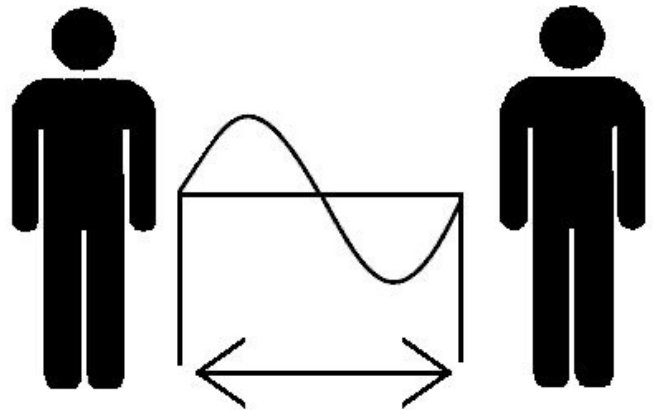
President Stu, WB6VRJ
Vice Pres. Ken, WA6OIB
Sec. Jim W6NIF
Treas. Mike, KM6MRT

On the even years four directors are elected, and on odd years three directors are elected.

I plan to start the new year off brushing up on CW skills on Straight Key Night, January 1 from 0000 UTC through 2359 UTC. I will be using this WW-II vintage "Flame Proof" US Navy straight key. This key has the contacts enclosed in a metal housing to minimize the chance of a shipboard explosion if operated in a flammable atmosphere.

73, Larry WA6ZBL

Social Distancing



**Keep one wavelength
apart at 146.52 MHz**



FARC– New Members! 2020 members are already paid for 2021!
Send your dues check to FARC, PO Box 5912, Fresno 93755-5912
Board meeting on the first Tuesday of the month. Details from Stu, WB6VRJ

Starting into Radio Work, Professional and Ham.....

Greg Stewart KM6GSO

"So, do you think you could come with me to Barstow??"

Chris Connely KK6QCP, stood there waiting for my reaction....

"Sure", I said. I was not really sure what I was getting into, but it was a paid job. Sooo, this was my immersion into KLOVE radio, working as a tech with Chris in December of 2015.

This job was just picking up some small sat dishes and equipment from the storage locker in Barstow, Ca. then transporting it back to Fresno.

Professionally, I've been a design draftsman/ industrial designer, working with AutoCAD & SolidWorks computer drafting. Working with several mechanical engineers since 1980, I've worked with Vendo, Fruehauf trailers, Union Metal (Chowchilla), Flow way Pumps (Weir Pumps), UpRight Aerial Work Platforms (scissor lifts & telehandlers) in Selma, Ca., MEC Aerial Work Platforms (Selma, before they moved to Kerman).

Then I worked with a couple of high end architectural wood working firms here in Fresno, doing work in Pebble Beach, Carmel, Silicon Valley, San Francisco, and Lake Tahoe.

Then just before starting in with KLOVE, I did a stint with US Tower down in Woodlake, Ca. I specialized in the exploded views of tower assemblies, showing how to rig the replacement cables so the tower could properly "stage" their raising and lowering. Again, using SolidWorks, the tower could be shown rising up from the collapsed condition, to fully raised.

I miss the work, but not the drive. Fog, mixed with citrus grove mechanical equipment coming out of the trees right up to the edge of the road very suddenly; quite a few times the heart went up into the throat!!

Since one of my specialties was making drawings of how to replace or repair components, it fit right in with the company. I was able to show how to fix problems, and have instructions on fixing issues that the tech could see

beforehand. This would allow them to correct the problem, having all the right equipment and parts before going up to the tower sites.



Kingsburg transmitter site

Yup, proof that an old shipping container can have a new lease of life. KAWF sits here on the edge of the Kings River, surrounded by a peach orchard. We're constantly fighting dust, as they disc, then trim and mulch the trimmings from the trees.

The tower is just off to the right of the building, at 480' high, has the requisite lights for keeping aircraft from hitting it.

On the next page is the equipment rack and transmitter for KAWF



Equipment rack with exciter, EAS which has system and the battery backup (APC)



The Nautel transmitter, since been replaced with a new Nautel NV 7.5 unit

One of the joys of working with Chris, and this specific type of work, I get to be outside! About 98% of the time, if it's raining, the work is inside the transmitter building. But, a couple of the sites are in the Sierra's, and snow becomes an issue.

Our Coarsegold site (actually on Miami Mtn, just inside the Mariposa county line, north of Madera County off highway 49), is just about halfway between Oakhurst and Mariposa. At 4250', we've had to deal with snow, downed trees (thank you bark beetles!) and the 'ring of padlocks, which I'm sure a lot of you know about, dealing with mountain sites..... Every so often, someone doesn't put the padlock back in the right place, and leaves you out (relocks the gate, but bypasses YOUR lock, so it's hanging by its self, outside the 'loop of padlocks'. A bit frustrating....

Fresno Amateur Radio Club

After working with Chris Connely for a couple of years, he encouraged me to get my ham license, and in November of 2018, I got my tech license, KMGSO.

My first handheld radio was a YAESU FT-60, which I've used to great effect, staying in comms with other hams, especially when working at the Miami Mtn site. Last year I got an ICOM IC-208H VHF/UHF transceiver for my Dodge Dakota pickup I use for my trips to the mountains. Nice to be in coms as I come down the hill when there's no cell phone reception.



KAWJ, formally KRPW site on Miami Mt. just inside Mariposa Co.



Interior of the container, home to KAWJ, 94.5 FM. Transmitter lower left, a Harris ZX2000. Exciter is on it, is a Harris MicroMax 30W exciter.

In addition to the items listed on the details of the rack, above right, are the satellite receiver (two items below the Relio Unit (top blue faceplate)), and the lower blue face plate of the EAS (Emergency Alert System). This one has three channels it works from: KMJ am radio, NPR radio, and the NWS out of Hanford. At the very bottom is the Emergency backup battery system (APC).

Last February, I found mountain lion tracks just 20 yards from the transmitter's entrance. I leave the building a little differently now (banging on the door before

Fresno Amateur Radio Club

I open it.....), and keeping in touch with W6NIF (Jim) and others as I start out the door. This is to be sure I haven't become "Cat Food" after I finished the work up there, and heading back to Fresno.

I really appreciate talking with all the guys on FARC, and the Turlock Club, as I leave the mountain areas, since I work alone, and the road is muddy. I've slid a few times on that road, and if I went over, it would be a while before I'd be found!

Greg Stewart, KM6GSO, 73!

Amazing!!

There is nothing to this operation IF you have steady nerves, great depth perception, and excellent hand-eye skills - watch this pilot put it all together like it is simple.

https://www.youtube.com/embed/qJHIXe_RnYo<https://nam12.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.youtube.com%2Fembed%2FqJHIXe_RnYo&data=04%7C01%7C%7C4c88d64648fb422496ac08d881cd2855%7C84df9e7fe9f640afb435aaaaaaaaaaaa%7C1%7C0%7C637402065420103589%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQI-joiv2luMzIiLCJBTiI6Ikk1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=q9FFuaDXfBQosyiwB6dF7V76pYgcXZLV2ZEHlxpw3%2FE%3D&reserved=0>

Here is a Youtube.com talk:

I did an intro talk at DEFCON this year about APRS and the ISS. Nothing crazy but it make for a fun project. Eric Escobar, PE KJ6OHH

https://youtu.be/XyrmdDVQN_A

Shane's repeater, 146.82, is back on line. Remember it was burned up as shown in this a past Skip. Keyed it up a few minutes ago and is strong. De Jim W6NIF

Fresno Amateur Radio Club
Tube Of The Month

X-375

Starting in 1942, EIMAC started assigning “X” numbers to experimental tubes. One of the most common of the “X” tubes is the X-375. You will find it in many tube collections which is surprising when you consider that there was no known use for it. The tube is a double tetrode allegedly made from parts from 3C24 tubes. It is also unusual in that it uses a giant 7-pin socket like an 813. The X-375 was made of thick hard glass and should have been able to take very high voltage. From some EIMAC notes, we find the project was started in April 1944 at Salt Lake City, with the X-159 and continued for over a year ending with the X-375. Why at the peak of WWII , would EIMAC expend such an effort and then abandon it?

If this tube was probably made to replace an existing tube and that tube must have been about the same size and shape. The SLC plant was very busy making vast numbers of VHF triodes for use in RF and pulse service at this time. The newer RADARs used magnetrons, so pulse modulators would still remain in demand. Several of the early RADAR units used the RCA 3E29 dual tetrode as a pulse modulator. The 3E29 is a pulse rated version of the 829B which was a popular pre-war VHF tube. In pulse service, it could handle 5000 volts. Much of the tube development was pushed by the military to have more rugged and dependable tubes. Many early RADAR sets were still in service and they may have wanted to modify them with stronger tubes. The pulse duty cycle is very hard on tubes.

It's just a theory

Why would you use a giant 7-pin socket? The giant 7-pin socket has the same mounting pattern as the 7-pin septar socket that the 3E29 uses. When you want an easy modification



to a piece of gear, you don't want to cut up the chassis to mount it. The X-375 like the 3E29 has a pair of tubes with 6.3-volt filaments. EIMAC didn't make many tubes with 6.3-volt filaments. The exchange would only require a screwdriver and a soldering iron. EIMAC was in full production until August 1945 when it stopped abruptly when something happened that they never planned on. The Army dropped a bomb, the war was over and soon all the gear that needed tubes was available in surplus for small change. Many of the “X” tubes after this date were reserved for post war tetrodes like the 4-250A and other tubes for commercial as well as military use.

Visit the museum at <http://n6jv.com>.

AMATEUR RADIO EXAMS IN FRESNO

Exams given for TECHNICIAN, GENERAL, and AMATEUR EXTRA

Sponsored By the FRESNO VE TEAM

And The FRESNO AMATEUR RADIO CLUB, INC.

2021

All dates cancelled at this time, due to the location not being available.

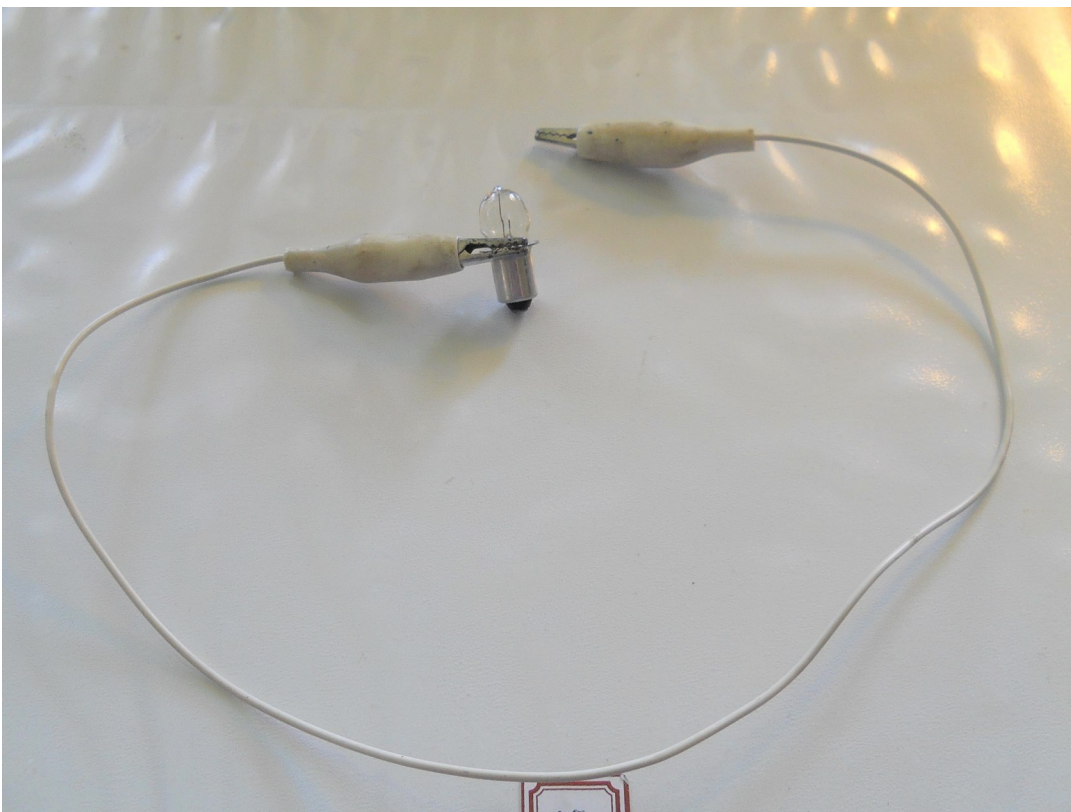
BATTERY TESTER

For all you hams out there: a lot of us use batteries in more than one item. Yes, we all have the experience of a battery, or more than one of them, go dead. The problem is that sometimes the battery is simply weak or diminished in capacity.

The standard Volt-Ohm meter or battery tester does not really do the job-they simply test the battery for voltage, but that is a “no-load” voltage. A lot of used batteries will still show full voltage when tested that way.

The better way is to test the battery under load. That’s how this device comes into play.

. It is simply a #47-flashlight-bulb [6 volt] with a wire soldered to the lip of the bulb. The wire is terminated in an alligator clip.



To use, simply place the end tip of the bulb on the positive tip of the battery, and the alligator clip on the negative place on the battery-the glow of the bulb tells the strength of the battery by the brightness of the glow.

A simple, but effective method of testing the battery under load-which is what you want to know.

Fresno Amateur Radio Club

Ken WA6OIB, reports the following:

XYL Gwynne said, "For Christmas take \$200 and buy me a Nativity set and if there's anything left over you can spend it on Ham Radio stuff!"



Want to try running both RTTY and FT4 this year? Get information on how to set up N1MM+ for this type of multi-mode operation. Start here.

<https://n1mmwp.hamdocs.com/manual-windows/wsjt-x-decode-list-window/?hilite=%27ft4%27>



Jim W6NIF has a new stealth antenna for 2m, very wide frequency bandwidth. Handles lightning strikes well, or maybe was the result of one.

Holiday Greetings to everyone,

I finally have the recording of our meeting uploaded to YouTube. If you missed it in real time, now is your chance to catch up.

<https://youtu.be/mPcC8Gqlbj4>

Thanks again to everyone who attended and to those who wrote to me after the meeting. I think we had a great discussion and I look forward to more meetings like this.

Have a wonderful rest of the Holiday Season and a great 2021!

ARRL Pacific Division
Director: Kristen A McIntyre, K6WX
k6wx@arrl.org

Fresno Amateur Radio Club



Don't know if any of you seen the video of the Arecibo antenna collapse down in Porto Rico, very dramatic. They had a drone right at the cab when the cables snapped.

Allen WA6IPZ

[Arecibo's Collapse Sends Dire Warning to Other Aging Observatories - Scientific American](http://www.scientificamerican.com)

Robin George Andrews is a volcanologist and science writer based in London. The U.S.'s famed Arecibo Observatory survived all manners of threats since its construction...

www.scientificamerican.com

NZ6Q

John Litz
1434 Douglas Road
Stockton, CA 95207
San Joaquin County

Grid: CM98 ITU Zone: 6 CQ Zone: 3

Confirming QSO with	Date Day / Mo / Yr	UTC	MHz	RST	Made	QSL
						Per Thru

QSL TONKST: @n6q.com



From our SJV ARRL
SM, John, NZ6Q

And from Glen,
N6HEW

I hope that you and
yours will have a Merry
Christmas and a healthy
prosperous New Year.
Although I am not in Cal-
ifornia (ABQ New Mexi-
co) I think of you often.
Wish you the best.

Glen T. Caine N6HEW

Sm,

Thank you for your leadership
in Fresno Amateur Radio Club and
in the San Joaquin Valley Section.

I'm looking forward to working
more closely with you and the
club in 2021.

73,

John
SJV Section Manager

and Goodwill to All

Merry Christmas & a Happy
Happy New Year

John NZ6Q

&

Annie N6ACL

FARC BOARD OF DIRECTORS

FARC Officers and Board members:

Stuart Home, WB6VRJ President	wb6vrj@w6to.com	(559) 485-8659	12/2021
Ken Holden, WA6OIB VP	wa6oib@w6to.com	(559) 323-6753	12/2022
Mike Chico KM6MRT Treas.	km6mrt@w6to.com	(559) 277-8918	12/2022
Jim Erbe, W6NIF Sec.	w6nif@w6to.com	(559) 222-7524	12/2022
Larry Lion, W6OWL	larrylion2@outlook.com	(559) 227-5159	12/2022
Dennis Holloway, KI6NVG	dki6nvg@hotmail.com	(559) 323-7386	12/2021
Rob Egan, KM6SRR	egan@netpic.net	559) 868-2888	12/2021

Web master Aaron Lusk, K6USY k6usy@w6to.com (559) 301-1022

Skip Editor John Morrice, K6MI k6mi@pacbell.net (559) 275-7373



You can download this and past Skip issues under the Document Archive menu by visiting w6to.com.

For sale adds on the next to last page of Skip!

Take advantage of the opportunity, send your adds to K6MI at pacbell.net

Event-Date

Jan. 8 Fri. FARC meeting 7 P.M.

Dec. 31 Straight Key Night

Feb. 12 Fri. FARC meeting 7 P.M.

March 12 Fri. FARC meeting 7 P.M.

April 9 Fri. FARC meeting 7 P.M.

Western Public Service System (WPSS) meets nightly on 3952khz, roll—at 7:30 PM local Pacific Time.

The Mission Trail Net meets nightly on 3.8567.5 MHZ at 8:00 PM local time.

Northern California Net 2 (NCN2) The slow speed training session of NCN, meets nightly on 3.533 MHZ at 9 PM Pacific Time. Handling traffic on CW is a good way to improve your CW skills.

**Sunday and Wed. Night 2m Bozo Net, 8 P.M.
144.24 Mc. USB**

Monday 220 Mc. 8 P.M. USB 222.1 Mc

Tuesday 8 P.M. USB 1296.1 Mc.

Thursday 8 P.M. 432.1 SSB net

**Wednesday 7 P.M. 10M cw
net, 28.140**

**Wednesday 8 P.M. 10M ssb
net 28.445**

San Joaquin Valley Nets:

The Noontime net meets on 7.268.5 MHZ. This net handles a lot of messages.

The California Traffic Net meets daily on 3.906 MHZ and 6:00 PM local time.

The Golden Bear Amateur Radio Net meets nightly at 7:00 PM local time on 3.975 MHZ.

Northern California Net (NCN), the Section Traffic Net, meets nightly on 3.533 MHZ at 7 PM Pacific Time.

San Joaquin Net meets Monday-Saturday on 3918 khz, at 6 PM Pacific Time.



Local Amateur Radio Repeaters

<u>Organization</u>	<u>Call Sign</u>	<u>Frequency</u>	<u>Offset</u>	<u>PL</u>
CARP	K6ARP	147.675	-	141.3
CARP	N6JXL	224.380	-	141.3
CARP	K6ARP	444.725	+	141.3
CARP	NI6M	440.350	+	141.3
CONDOR	WB6BRU	224.900	-	156.7
FARC	W6TO	146.940	-	141.3
FARC	W6TO	223.940	-	141.3
FARC	W6TO	444.200	+	141.3
BRA	W6FSC	145.230	-	141.3
BRA	W6FSC	443.450	+	141.3
KINGS ARC	N6CVC	145.110/444.95	-	100.0
NC9RS	NC9RS	927.6625/902.0125	-	146.2
MADERA ARC	W6WGZ	147.180	+	146.2
MADERA ARC	W6WGZ	441.175	+	146.2
QCWA	WQ6CWA	146.850	-	141.3
QCWA	WQ6CWA	443.250	+	107.2
RACES	KJ6OUG	147.150	+	141.3
KE6JZ	KE6JZ	146.820	-	141.3
TURLOCK ARC	W6BXN	147.030	+	100.0
Fresno Low	K6WGJ	145.43	+	141.3
Meadow	N6VRC	147.165	+	141.3
Meadow	N6VRC	440.025	+	141.3
Santa Rita	N6VRC	147.285	+	141.3
Santa Rita	N6VRC	442.275	+	141.3
Visalia	N6VRC	442.525	+	141.3
Porterville	N6VRC	443.825	+	141.3
Fresno Low	K6WGJ	444.975	+	141.3
Bear Mt.	N6VRC	443.950	+	141.3
Mt. Bullion	N6VRC	442.350	+	141.3
Bear	N6VRC	927.05	+	141.3
Meadow Lakes	WA6OIB	146.61	-	141.3
WA6IPZ	WA6IPZ	52.84	-	82.5

Remember to keep you dues current for both the attendance prize and the birth-day and anniversary listings.

Ten meter net, CW and Phone, every Wednesday
7 P.M. for CW at 28.140

8 P.M. for SSB at 28.445

This is a local net, the cw part run by KF6ZXO, and the SSB with various net control ops.. Have fun checking in on one or both modes.

Birthdays

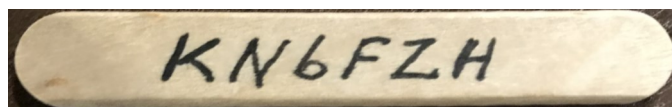
1/19 Glen N6HEW
1/27 Stephen AG6JI

Anniversaries

1/04 Chris KD6HTV
1/07 Rob KM6SRR
1/16 David KM6YFF
1/19 Joan & Perry K6XJ
1/25 Glenita KB6PKN & Jack WY6B
1/31 Gloria & Mikeal KM6MRT

The monthly attendance prize! Suspended until we meet again.

The attendance prize in March. was won by Elijah, who was not present. Must be present to win. Next drawing will be \$20, when meetings resume.



THE DX CORNER

By Charles McConnell W6DPD

January 2021

Many DXpeditions are being postponed or rescheduled due to Covid-19 travel restrictions.

"DX is the one you want but you don't have. That is the way it has always been, that is the way it will always be."

Of the most recent DXpeditions, "If you worked it, it was the best DXpedition ever. If you missed it, it was probably not so good." "And so it goes."

All things are relative, some more than others. Thanks Hugh Cassidy, WA6AUD SK.

If you want help with DX, you can contact the local members of the Central California DX Club for some assistance. Charles W6DPD 431-2038, or Perry K6XJ 299-2802, can give you advice. The big thing about finding DX is to tune the bands.

The DX Breakfast is currently not meeting due to Covid restrictions

Check out www.spaceweather.com and www.solarham.net for information on the solar cycle. The higher the solar flux and the lower the A and K Indices, the better the band conditions. As the solar cycle heads toward the minimum by the end of the decade, working DX becomes more of a challenge. The high bands become less useful until the solar cycle heads toward the maximum, some years from now. There were over 100 sunspot free days in 2017

The address of the Sixth District QSL Bureau is P. O. Box 970, Fairfax CA 94978-0970. You can send up to 10 address labels and \$0.80 for each envelope to the address above. They will put 1 unit of First Class postage on the envelope. You can contribute \$10 or \$20 online using Paypal. If you work DX, you should have envelopes at the bureau so you can get your cards. You may be able to check your status at the bureau at <http://www.qslbureau.org/>

The ARRL Outgoing QSL Service has **rolled back the rates** to those of 2011. The rate is \$2 for up to 10 cards, \$3 for 11 to 20 cards in one envelope, and \$0.75 per ounce for 21 or more cards. There is no longer a transaction fee. These changes began May 15, 2019.

Overseas postage is still \$1.15 per ounce. Domestic postage is \$0.55 for 1 ounce. Additional ounce for domestic mail will go from \$0.21 to \$0.15. Postcards stay \$0.35. Postage for flat rate boxes and envelopes will increase.

If you don't get a DX Bulletin and you belong to ARRL, you should register on the members only web page and check the box for the ARRL DX Bulletin. This one is emailed each Thursday. Or you can go to the ARRL web page in the News/ Bulletin section and view the bulletins there. You can also read the OPDX Bulletin or the 425 DX Bulletin on the web.

Search OPDX Bulletin or 425 DX Bulletin to get the URL. You can subscribe to the Daily DX, or Weekly DX. These bulletins will keep you informed of DX operations and QSL information.

Scientists writing in NATURE magazine are predicting a Grand Solar Minimum beginning in 2020 are lasting for 3 solar cycles. Hopefully, they are wrong. NOAA Scientists predict the Cycle 25 peak will occur in July 2025 plus or minus 8 months.

Continued from the last page

The following operations are scheduled:

Sudan **ST2NH** is learning FT8 and is active

Ethiopia **ET3AA** Now

Uganda **5X1JT** now until 2022

Djibouti **J28PJ** for 3 to 5 years

Ascension Island **ZD8AC** now for 2 years

Senegal **6W1SU** now for 2 to 3 years

Rwanda **9X0TA** August 5, 2017 for 3 years

Antarctica **VK0HZ** Davis Station for 1 year

Antarctica **ZL5A** Scott Base for 1 year

South Sudan **Z81C** now for at least a year

Chad **TT8SN** December 1, 2019 for 3 to 4 years

Ascension Island **ZD8HZ** Mid January to December 2021

Minami Torishima JG8NQJ/JD **October 14 to mid January 2021**

Seychelles **S79VU** September 30 to June 30, 2021

Guantanamo Bay **KG4MA** June 2020 to March 2021

St. Pierre and Miquelon **FP/KV1J** postponed to June-July 2021

United Arab Emirates A60AAP **October 11, 2020 to January 11, 2021**

St. Pierre and Miquelon **T05T** **Postponed** to August 8 to August 16, 2021

Swains Island **W8S** postponed to spring 2021 due to travel restrictions

Sable Island **CY0C** October 14 to October 28, 2021

Somalia **60100** November 20, 2020 for 2 months

Rotuma **3D2AG** December 16, 2020 to January 14, 2021

Maldives **8Q7CQ** January 4 to January 29, 2021

Bolivia **CP1XRM** January 9 to January 26, 2021

Botswana **A25VR** April 28 to May 24, 2021

Jan Mayen **JX0X** **Canceled**

Chesterfield Islands **TK/C** Postponed until 2021

Galapagos Islands **HC8** planned for 2021

New Zealand Sub Antarctic Islands **ZL9** 2021-2022



Charles, W6DPD



Watch the DX Bulletins for up to date information. As the time for the operation is at hand, watch the DX Summit (www.newdxsummit.fi) for listings.

There are a number of state QSO parties each year. Check the contest corral in QST or the ARRL web page. State QSO parties are a good place to collect states for your Worked All States award.

Good luck, tune the dial, and listen.

116TH CONGRESS
2D SESSION

H. RES. 1201

Expressing support for the designation of April 18, 2021, as “National
Amateur Radio Operators Day”.

IN THE HOUSE OF REPRESENTATIVES

OCTOBER 23, 2020

Mrs. LIESKO submitted the following resolution; which was referred to the
Committee on Oversight and Reform

RESOLUTION

Expressing support for the designation of April 18, 2021,
as “National Amateur Radio Operators Day”.

Whereas amateur radio, or “ham radio”, is an important
hobby that brings people together, regardless of profes-
sion, sex, or race;

Whereas amateur radio is the oldest form of digital commu-
nications;

Whereas amateur radio has played an invaluable role in de-
veloping new forms of electronic communications;

Whereas amateur radio offers individuals a chance to learn
new technological skills;

Whereas groups such as Youngsters On the Air (YOTA) are
working to ensure that there is a next generation of ama-
teur radio operators;

Fresno Amateur Radio Club

2

Whereas amateur radio groups and amateur radio clubs across the Nation provide communities an important way to communicate with one another;

Whereas the amateur radio operator's code contains as a major principle ideals that are important to country and community;

Whereas a key purpose of amateur radio is to have a group of skilled volunteers to assist emergency responders in an event of a disaster;

Whereas members of the amateur radio community, such as the Amateur Radio Emergency Service (ARES) have provided invaluable emergency communications services following recent natural disasters, including but not limited to helping coordinate disaster relief efforts following Hurricanes Katrina, Wilma, and Maria and other extreme weather disasters;

Whereas, on April 18, 1925, the first International Amateur Radio Union was formed in Paris; and

Whereas April 18, 2021, would be an appropriate day for the celebration of "National Amateur Radio Operators Day":
Now, therefore, be it

1 *Resolved*, That the House of Representatives—

2 (1) supports the designation of "National Ama-
3 teur Radio Operators Day" and its celebration
4 around the United States; and

5 (2) recognizes that continuing importance of
6 amateur radio operators and their role in bringing
7 communities together in times of need.

○

•HRES 1201 IH



The QCWA meets on the fourth Monday on 146.85 repeater at 7:15 P.M.

Ham Radio Mantra

We're all mostly stuck at home.

Let's do some radio therapy and have fun on the air!

Everyone works everyone and with stay-at-home there should be beaucoup activity.

Forty-eight plus days of fun.

Rules:

1. Stay away from people.
2. Wash hands frequently
3. Don't touch face.
4. Turn off TV news.
5. Take care of each other.

"This is Ham Radio" Film (vintage 1970 with excerpts from 1969).

Re-mastered by ARRL and officially posted onto YouTube in on 10/24/11:

<http://www.youtube.com/watch?v=nuIExTh4CF8>

Operate Exuberantly!

We are amateur radio operators! We have been the masters of "virtual" technology for over a hundred years and have been leaders all that time in bringing the kind of instant, distance connectivity to the world that makes it possible in this moment for so much in our civilization to carry on, even when we are personally separated.

Fresno Amateur Radio Club

Anything to sell? Send info to
k6mi@pacbell.net for next month's
Skip

Your add or card here!
Talk to the treasurer about the yearly fee!

10-15 meter
M2 10-15M1DX rotatable dipole an-
tenna
Never used. Still brand new.
\$100
ki6qel@sbcglobal.net



TELEWAVE, INC.

Wireless Communications Manufacturer since 1972

Designs & Manufactures
High-Quality Radio System Products for the
AMATEUR RADIO INDUSTRY

Transmitter Combiners • Antennas • Filters • Wattmeters • RF Power Monitors
Cello • High-Q Cavities • Preamplifiers • IM Suppression • Receiver Multicouplers • Preselectors
Duplexers • RF Loads & Terminations • Isolators • Wireless System Engineering

➤ Order Today! 800-331-3396 ◀

660 Giguere Court, San Jose, CA 95133
Email: sales@telewave.com • <http://www.telewave.com>

CMAS Contract # 3-06-58-0122B GSA Contract # GS-35F-0248J



ANTENNA SYSTEMS, INC.

Michael Staal
V.P. & Designer
K6MYC

- Antenna Design & Production from DC to Microwave
- Machine Work & Manufacturing Services
- System setup & Installations

4402 N. Selland Ave. Fresno, CA 93722
559.432.8873 Fax 559.432.3059 website: www.m2inc.com

For Sale:

From the N6IG estate, 40 meter (with wire sides for 30, 20, 15, & 10M) DX Engineering 30' tilt over vertical with radials. \$50. New-500\$

Contact John, K6MI for details 559-275-7373, or email at k6mi@pacbell.net

For Sale

1. Yaesu G5500 az/el rotator w/50 ft. control cables - \$650
2. K3NG Arduino rotator controller/interface for above - \$75

TNX/73, Richard N6FUB (559) 285-9772

For Sale

Henry 2k linier amp, beautiful condition
Bill, AA6S in Visalia. aa6s@comcast.net

1. Modulation Analyzer - HP8901B 150KHz to 1.3 GHz (have manual)
 2. RF Sweep Generator also have uWave plug in (no manual)
 3. Scalar Network Analyzer with probes (no manual)
 4. Also have some old lab power supplies contact me for more info.
- Hickok uVolt signal generator-
Some bands outputs look good, the higher frequency bands come and go depending on the dial setting...
- I may just need a little TLC or tweaking. I also have the original printed manual with schematic.
- Trade for 2meter/220 MHz or HF transceiver or offer.

Best regards, Lou WB6YFW



Fresno Amateur Radio Club

Only if you are a new member! All current 2020 members are good for 2021!

Fresno Amateur Radio Club (FARC) New Membership Application

Name _____ Call _____ \$20 Dues ___ Date _____

Street Address City State Zip _____

Home Phone (____) _____ Cell Phone (____) _____

Email ADR _____ (for delivery of Skip Newsletter)

License Class _____ Year 1st Licensed _____

Birthday (Month/Day) _____ Wedding Anniversary (Month/Day) _____

ARRL Member? _____

Additional Family Member(s) in same household (\$5 each)

Spouse Name _____ Call _____

Son/Daughter Name _____

FRESNO AMATEUR RADIO CLUB, INC.
P.O. Box 5912
Fresno, CA 93755-5912

