



Meeting location! East of Hwy. 41 on Shaw Av. 7 P.M. on the second Friday of the month at the University of California Center at 550 E. Shaw.



FARC General Meetings

are held the 2nd Friday of each month, 7 p.m. at the University of California Center on Shaw Ave. unless otherwise noted. Stay tuned in for new announcements.

2019 FARC BOARD MEETING DATES

1st Tuesday of each month at 2 P.M., this month at WB6VRJ's QTH

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



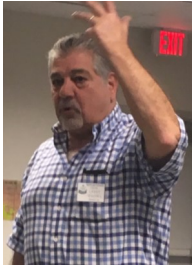
Fresno Amateur Radio Club

January: Ken, WA6OIB, led a good presentation on the stations at W1AW, ARRL headquarters.

The February meeting had a presentation by Jim, W6NIF, who has found a way to take old computer power supplies, and make them useful for 12v 15 amp power supplies

The March program was a very interesting video on the beginnings of USA ham licensing.

April brought us a program on oil and oil changes by our member with great insight on this, Larry, W6OWL.



The May meeting program was presented by Pat, W6YEP, on the origins of radios and the universe.

The June meeting is a FD meeting. FD chairman Dennis, KI6NVG, presided.

July is "Old Radio and Ice Cream" night. Something Old, Something New, and Something Blew. New radio from Dayton (Icom IC-9700), old radio (TS-790?), and a blown up radio (and Root Beer Floats).

August is club picnic month, hosted by WA6OIB and WA6VZM. Sat. August 17, 4 P.M. on to the end of the Bingo games.

November meeting is a Sat. Swapmeet in place of the regular meeting.

December brings us to the banquet.



Top picture is new member Doug, KB6UOZ, at the June meeting. Doug also was at the FD site. Bottom picture is John, KG6ALK, first prize winner at the June meeting, with his new dual band HT.

PREZ SEZ:

FIELD DAY 22-23 JUNE 2019

Got to Larry Lion auto shop around 0700. Chaps were still setting up stuff. I swept the sidewalks for Larry. Later, Patti Lion showed up and we had a laugh over that. Around 0900, KAREN showed up and we laughed for a while. Ken was very busy trying to set up the CW station. The station had a dipole antenna and also a beam antenna. The chaps decided to use the beam antenna-I am of a different opinion-but let it go. The keyboard was set up so the various functions such as sending the call and the required message would go out. Ken had set up a logging program on the computer with a large screen monitor. The rig is a YAESU FT-450D, a nice small all band rig. It has a built in keyer, which could operate off the keyboard/computer.

During the day, Karen and Steve operated the CW station. At 1600, Phyllis came to take me to her dad's birthday party.

Finally, around 2100, dinner broke up and I came back to the field day site. I am the only CW operator at this time. I was encountering a lot of high speed chaps-in excess of 25 WPM. So I switched on my MFJ code reader-then could tune in a CW signal, and get the MFJ reader to copy it-and I would send my info by hand key-sometimes a bit sloppy-and the Yaesu rig was touchy about making adjustments. MFJ was a bit touchy about tuning in the signals-but at least I was able to get the exchange info from MFJ and successfully log in some contacts.

With Ken asleep [it is 0147 now] I will have to wait a while to get the rig and the keyboard properly functioning again; I tried, but no luck!

0157-I just found out how to adjust keyer speed-push in the KEYER button, and rotate the DSP knob [2nd from left] until CWSPEED shows in the lower right hand half of the screen. The word MENU also appears. Push that knob again, and now the actual speed appears. Rotating that knob changes the speed. Then push F on the right side, and MENU and speed disappear and the VFO-A [or B] now appears.

Now, I have to get the computer keyboard functioning again. I tried turning it off and back on and that did not work! Then Ken woke up and came over and got it all working again. On the screen are the various functions for the F keys, and he moused on one of those, and it is all back working again.

The CW speed is also on the screen and that can be raised or lowered with the mouse! I guess one can spend a lot of time learning about this program, and learning to use it! 0331-and now I can get back on the air-oops-I can get a cookie first!

I then quit when Phyllis came in at 1030, met Karen, and we went home. QRT

W. Stuart Home WB6VRJ

* An ode to Field Day from N6MI **

Field Day is the search for radio club glory.

Field Day is not an operating event.

Field Day, of course, is no time to rest.

Field Day is erecting a moldy tent.

Field Day, at its best, is a true contest.

Field Day is hitting antennas (like Van Damme).

We will see you soon, Mr. Mosquito.

Field Day is coffee all night and high bedlam.

(Hey, could I have the rest of that burrito?)

Field Day is code, phone, and new modes galore.

Field Day is chili and beans all over the dance floor.

Field Day is the late night shift on 40.

FARC

Send your dues check to FARC, PO Box 5912, Fresno 93755-5912

Board meeting on the first Tuesday at Stu's place.

Fresno Amateur Radio Club

**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.**

2019

Exams for all Amateur license classes will be conducted on the following dates in Fresno California. All exams are given on Saturday and begin at 9:30 AM.

August 17 November 16

LOCATION:St. James Episcopal Cathedral, 4147 E. Dakota, Fresno CA 93726

DIRECTIONS: This is at the northwest corner of Cedar and Dakota in Fresno. Enter the campus from Dakota. There is a large parking lot. Exams are given in Room 2.

Theory exams are multiple choice. First Class mail is used to send paperwork to ARRL, who sends data to FCC via electronic mail, thus assuring the fastest possible service on new licenses, which typically are posted to the FCC database by the end of the second week following the exam.

BRING. Two ID's, one with photo. Taxpayer ID Number (Social Security Number), or FCC Registration Number (**preferred**). Fee **\$15.00** per test session. Bring exact change. **Original** and **copy** of **Amateur License**. Talk in on 146.94 repeater.

Walk in's only, no pre-registration. More Info?? Contact Charles, (559) 431-2038



A recent QCWA lunch, held on the fourth Tuesday of the month at the Blueberry Café. Members are hams with more than 25 years since their first ticket, and members of the national QCWA group. There are no local dues.

Two of the QCWA members, who are also FARC members, just worked China on 6 meters, on the multiple sporadic E mode. Charles, W6DPD, and Perry, K6XJ, were very pleased to work a new country on 6, which is hard to do during the sun spot minimum.

Fresno Amateur Radio Club



2019 FARC FD

Thanks to Larry, W6OWL, for furnishing the location for the club FD set up!

All radios and antennas were set up just before the event, and the club generator was used to provide emergency power.



Fresno Amateur Radio Club

More FARC FD pictures, showing the different station set ups and some of the operators, along with Ken, WA6OIB, fixing an antenna for Jim's (W6NIF) digital set up. Jim was able to work FT-8 on 6m and the hf bands, working a considerable number of stations.

Antennas for the main two stations consisted of a three element tri-band beam at 70', and a two element 40 meter beam at 80', with an eighty meter inverted vee for 80 meters.

The digital station set up used portable ham stick antennas. There was interaction between the digital station and the main two stations, so a bit of time share had to be worked out.

A highlight of our FARC FD event is always the food, happily prepared and served by Duane, KI6QEL, and his XYL Karen. Picture on the front page of this Skip.



FARC BOARD OF DIRECTORS

FARC Officers and Board members:

Stuart Home, WB6VRJ President	wb6vrj@w6to.com	(559) 485-8659	12/2019
Ken Holden, WA6OIB VP	wa6oib@w6to.com	(559) 323-6753	12/2020
Ted Miller, W6TLM Tres.	w6tln@comcast.net	(559) 431-1441	12/2020
Jim Erbe, W6NIF Sec.	w6nif@w6to.com	(559) 222-7524	12/2020
Bob Sherwood, W6AIY	w6aiy@w6to.com	(559) 275-4319	12/2019
Larry Lion, W6OWL	larrylion2@outlook.com	(559) 227-5159	12/2020
Dennis Holloway, KI6NVG	dki6nvg@hotmail.com	(559) 323-7386	12/2019

Web master

Aaron Lusk, K6USY	k6usy@w6to.com	(559) 301-1022	Ted, W6TLM, Treasurer
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Skip Editor

John Morrice, K6MI	k6mi@pacbell.net	(559) 275-7373
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Breakfast on Saturdays at Blueberry Hill located at Blackstone North of Dakota, starting at 6:30 A.M.. Join the DX'ers and all the area hams for breakfast

Also Breakfast every Tuesday at 8 A.M. at Denny's on Shaw, East of West.

The Quarter Century Wireless Association Lunch is held on the fourth Tuesday of the month at Jeb's Blueberry Cafe on Blackstone at 11:30 to 1 P.M..

The Thursday ham radio lunch get-together meeting location is:
Jeb's Blueberry Hill
3851 North Blackstone Avenue
Fresno, CA 93726



Send Skip items to Skip editor John Morrice, K6MI at: k6mi@pacbell.net

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

Event-Date

July 12 FARC meeting 7 P.M.

Aug. 17 Club Picnic

Sept 13 FARC meeting

Sep. 14-15 VHF Contest

Oct. 11 FARC meeting

Oct. 19 Pacificon

Nov. 9 Sat. Club Swap (no regular meeting)

Dec. 13 Friday Club Banquet



San Joaquin Valley Nets:

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

Daytime Region 6 Traffic Net meets daily at 3:30 pacific time on or near 7.275 MHz. This one is probably not in operation at this time.

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 3918khz, at 6 PM Pacific Time.

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

The Mission Trail Net meets nightly on 3.856 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

2019 VHF CONTEST

The Father / Son team, Larry, WA6ZBL and Kevin, KE6LYN operated the 2019 June VHF contest from Burrough Mountain East of Tollhouse. Burrough Mountain at 4200 feet ASL is accessible via a 3 mile rough dirt road only by a 4 wheel drive high clearance vehicle.

This year's operation was limited to Saturday using smaller antennas than in the past. Four bands were used, 6 M through 70 CM, SSB and FM.

The FM operation used mobile antennas not shown in the photos.

As usual, Murphy made several appearances to add to the challenge.

There were no 6 M Es openings and the Central California activity seemed less than in past years. Never the less, contacts were made and it was an enjoyable outing on a gorgeous spring day.



Fresno Amateur Radio Club



Top right and left are both pictures of Pat, W6YEP, but there is a few years separating the pictures! Pat on the right is shown at the May meeting with an impressive collection of radios that he brought to talk about, as well as these older pictures of Fresno hams.

Top left, with Pat in the center, also includes Howard Bobbit, WA6BUH, and Dave Phillips, WA6WLJ, with Herb Lion, W6OWL, and his wife just below.



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	N6HEW	147.150	+	141.3
SJVARs	KE6JZ	146.820	-	141.3
TURLOCK ARC	W6BXN	147.030	+	100.0
CVRC	K6WGJ Fresno Low	145.43	+	141.3
CVRC	N6VRC Meadow	147.165	+	141.3
CVRC	N6VRC Meadow	440.025	+	141.3
CVRC	N6VRC Santa Rita	147.285	+	141.3
CVRC	N6VRC Santa Rita	442.275	+	141.3
CVRC	N6VRC Visalia	442.525	+	141.3
CRVC	N6VRC Porterville	443.825	+	141.3
CVRC	K6WGJ Fresno Low	444.975	+	141.3
CVRC	N6VRC Bear Mt.	443.950	+	141.3
CVRC	N6VRC Mt. Bullion	442.350	+	141.3
CVRC	Bear	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 birthday and anniversary listings.

Birthdays

7/04 Greg KM6GSO
7/14 Brian KM6ZYC
7/21 Stuart WBVRJ
7/31 Bob W6AIY

Anniversaries

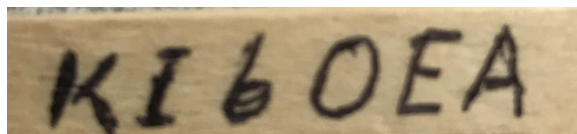
7/03 Jeff WA6IMA
7/10 WA6OIB Ken & Gwynne WA6VZM
7/10 W6VPS Paul & Bev
7/18 N6HEW Glen & Vicki
7/24 KK6LT Bob & Gloria KC6ZOI
7/25 KM6ZYC Brian
7/26 W6OWL Larry & Patti

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.

The monthly attendance prize!

The attendance prize was won by KI6OEA, who was not present. Must be present to win. Next drawing will be \$20, at the July meeting.



THE DX CORNER

By Charles McConnell W6DPD

July 2019

"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 every Saturday at Jeb's Blueberry Hill Café, 3851 N. Blackstone Ave in Fresno. This group gathers about 06:30 AM. All are welcome.

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.

Fresno Amateur Radio Club

Continued from the last page

Scientists writing in NATURE magazine are predicting a Grand Solar Minimum beginning in 2020 are lasting for 3 solar cycles. Hopefully, they are wrong.

The following operations are scheduled:

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

Bouvet **3Y0I** Will try in fall 2019

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

Cape Verde Island **D44KZ** July 14 to July 24, 2019

Madagascar **5R8PX** August 3 to August 17, 2019

Panama **H31A** now through August 15, 2019

Chad **TT8RR** March 2019 **POSTPONED DUE TO SECURITY ISSUES**

Somalia 60100 June 1 to July 31, 2019 except July 1-July 10

Ghana **9G6GS** June 7 to July 2, 2019

Palestine **E44WE** July 6 to August 6, 2019

Isle of Man **MD/WJ20** July 11 to July 17, 2019

Luxembourg **LX50MOON** July all month Special Event

Maldives **8Q7SU** July 31 to August 7, 2019

Maldives **8Q7GB** August 6 to August 18, 2019

St. Paul Island **CY9C** August 2019

Samoa **5W0VR** September 9 to September 16, 2019

Tonga **A35JT** September 23 to October 7, 2019

Liberia **A82X** and **A82Z** September 28 to October 11, 2019

Tristan da Cunha and Gough **ZD9EI?** September/October 2019

St. Pierre and Miquelon Island **FP/KV1J** September 24 to October 8, 2019

Uganda **5X0T** September/October 2019

Western Kirabati **T30GC** October 7 to October 23, 2019

North Cook Islands **E51GC** October 10 to October 28, 2019

Pitcairn Island **VP6R** October 18 to November 1, 2019

Tokelau **ZK3** September 25 to October 16, 2019

Lakwadshadweep Islands **VU7RI** October 19 to November 23, 2019

Western Kirabati **T30GC** October 7 to October 23, 2019

Norfolk Island **VK9/N** October 18 to November 11, 2019

Marquesas Island **TX7T** November 6 to November 17, 2019

Ghana **9G5W** November 16 to November 27, 2019

Cocos Keeling Island **VK9CZ** November 17 to November 27, 2019

Vietnam **XV9D** November 17 to November 30, 2-19

Norfolk Island **VK9NK** January 12 to April 12, 2020

Sable Island **CY0C** postponed to Fall 2020

South Orkney Isl **VP8/VP8DXU** February 20 to March 5, 2020



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.

Fresno Amateur Radio Club



EC Report for June 2019

Hello,

The schedule for the month of June, 2019, was 1 Monthly F.C. EmComm Meeting, 4 Monday Night Nets, 2 Message Handling Practices, 2 Digital Practices, 1 EmComm & Coffee, and 1 Public Service Events.

ARES Traffic/Digital Practice

Fresno ARES/RACES is conducting an on-the-air Traffic Handling practice twice a month alternating with FLDIGI after our regular Monday night EmComm Nets. Brian has been sending a message using the ARRL Message Form. After the practice the copied message was emailed to Brian to check accuracy and log your time on ARES Connect.

On the digital side we have a short net using Fldigi with Psk-31. This lets us iron out any problems we are having and allowing us practice using macro setting. We will soon be applying Flmsg into the mix; this will allow us to send message forms preparing us to better serve our served agencies.

If you are interested in taking part with the digital modes and would like assistance getting started you may go to our website and read the slide presentation provided by Brian (K6OGR) in the training section. If you need more help, you may contact Brian (K6OGR) at k6ogr@outlook.com, Richard (KE6SHL) at Richard_pac@prodigy.net or myself at N6HEW2@gmail.com.

The practice will continue after the nets so join us and have some fun.

What is Flmsg?

FLMSG is a simple forms management editor for the amateur radio supported standard message formats. Form data can be transferred between computers either using standard internet email or via radio frequency broadcasts typically made by an amateur radio operator on your behalf. flmsg forms can be very complex and include embedded images and other controls that make data entry less prone to error. The template information is not transferred between computers, only the volatile information contained in the form entry controls. The form template must reside on each flmsg computer that will be used to create, edit, or review the data.

For more information you can use the following link and read more on their website.<http://www.w1hkj.com/flmsg-help/>

EmComm Website

We are now posting events and meetings on the calendar as well as posting articles on the home page. There is a lot of new information and links added to the site as well thanks to our **Webmaster Brian (K6OGR)**. Check us out at fcemcomm.org

FC EmComm FB Page

We have a Fresno County EmComm presence on Facebook. There you can find posts related to local events and emergencies. To access it, search for @fcmcomm.org on Facebook, or you can click on the Facebook icon at the bottom of the web site at <https://fcmcomm.org>. It is just a page so there is no membership to join. To keep up to date you just need to like and follow.

Upcoming Emcomm Service Events

As you know we assist CARP with their Public Service Events and use them as a training venue. Please consider helping with these events, they are not only a great training venue but a lot of fun. After you sign up, please go to ARES Connect and check the events on the calendar so you will get your time logged onto ARES Connect when you participate.

2019 EMCOMM EVENTS

September 21, 2019 – Tour de Fresno Bicycle Ride

September 14, 2019 – North Fork Grizzly Century

October 12, 2019 – FCC Bass Lake Double Century Bicycle Ride – Sign up

November 16, 2019 – FCC Raymond Gravel Grinder Ride -- If you are interested and want to sign up for one or more events please go to the CARP Website (k6arp.org) and go to their sign up link.

EmComm meeting place: Hinds Hospice Building at 2490 W. Shaw Ave. Fresno. The time is 19:00 hr. please arrive a little early for we have to be escorted in for this is a secured building.

Moonlight Madness

Moonlight Madness is a 4 wheel drive event held in the Sierras. This is one of the largest events of its kind in the state. It will be held July 19 to 21. We have been asked to have people monitor the Madera Deadwood repeater 147.18 PL 146.2. We will monitor for 30 minutes every third hour, starting at 12:00 hr on July 19, the last shift of the day will start at 24:00 hr. We are going to make phone calls for those that have either broke something or forgot something so that they can have what they need brought up by friends or family.

I will be setting up a schedule around the second week of July. This will be an easy gig, just sit in your shack and make a phone call if needed.

Net Control Staff Needed

We are looking for volunteers to take a turn as net control on Monday nights. This is not a difficult task. We will provide the preamble and net roster. This is a great way to enhance your skills running a net for emergency situations. If you are interested, please contact Gary (KI6OYW) at 559-269-1340 or email g_greenberg@att.net

Our Calendar

Don't forget the **Monday Night EmComm Net** at 19:30 hr. on the 147.15 MHz PI 141.3. We have some good information and camaraderie. On the third Friday of the month there is the **EmComm & Coffee** located at Denny's, 39 W. Herndon Ave (North East corner of Blackstone and Herndon) 07:00hr. And last but not least the EmComm Meetings are held on the Fourth Thursday of month. Our next meeting is at the **Hinds Hospice Building, 2490 W. Shaw Fresno.**

Best of 73's
GLEN CAINE (N6HEW)
Fresno County ARES EC/ RACES Officer
559-999-7590
N6HEW2@gmail.com

A Little Hummer:



https://www.nature.com/articles/s41598-019-45584-3?fbclid=IwAR368ti9BOYbc2_QKbQog8vOsH33iomegOKfvIC31MwHrzTupNDhSpL0SRw

Gentlemen:

This showed up on the NDB list... a rather long fairly technical article about solar cycles and the Maunder minimum.. which I have heard of. and was relatively fairly recent..and a number of other cycles..?? it will take a while to read this article!

I think this gives some insight and explanation as to why?? HF band conditions have been lousy for some time..?? it appears there are cycles on top of the well known 11 year cycle???? but counting sunspots is "only" a couple of hundred years old???? and of course the computer analysis is fairly new.

73 Marc Goldman WB6DCE

Fresno Amateur Radio Club

Cell phone cw ID!

I had to "upgrade" my cell phone (Android) again due to failure (again). This last one lasted a couple of years so I guess that's sort of the state of the art these days. Unfortunately that meant having to give up the Morse Notifier app that's brought me plenty of enjoyment. That app replaces your ring tone by sending the caller's name in Morse. I know who's calling me even before dragging the phone out of my pocket. Same with SMS.

Evidently Morse Notifier was scratched from the Google store a couple of months ago because they didn't trust it to access your phone list or some such rot.

However, I discovered you can still get the free version here:
http://100dof.com/software/morsenotifier/morse_notifier_free_303.apk

You have to jump through some hoops and heed various warnings about downloading and running "unknown" apps. But it works!

Happy CW! 73, Alan AD6E / KH6TU



Double the fun, double the pleasure. Skip editor John, K6MI, took two tower trailers to FD. Pictured lower right is the two side by side. The larger one went to the FARC FD, and the smaller one went to a 5,140 feet high peak over on the coast at Chew's Ridge.

Club member Erik, NI6G, operated along with five others from John's high school group that started going on FD in 1964, and is still going strong.



Fresno Amateur Radio Club



TELEWAVE, INC.

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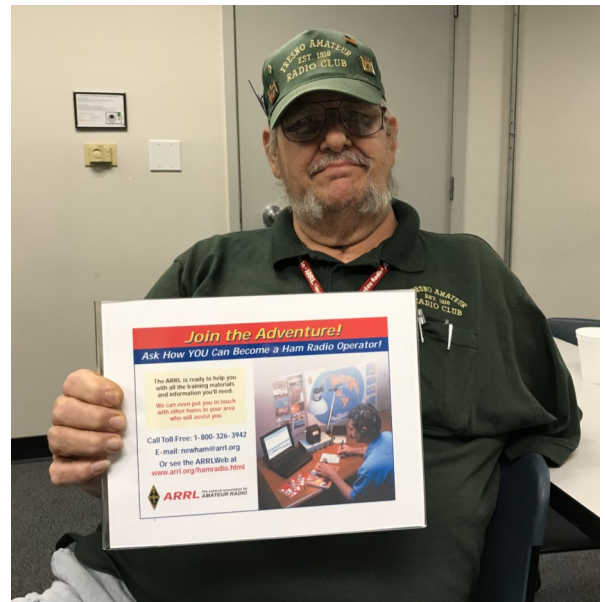
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