



Yavapai Signal

The Yavapai Amateur Radio Club – Prescott, Arizona – DM-34 – Volume 35 – No. 6 – June 2020

Upcoming Club Events				
Event	Date	Time	Place	Contact / Info:
General Meeting	CANCELED	1900 MST 7 p.m.	Prescott Rodeo Grounds	Club Website
YARC Breakfast	CANCELED	0800 MST 8 a.m.	BackBurner Restaurant, Prescott Valley	Don WB7TPH or Jeff WB7RFY
Transmitter Hunt	CANCELED	1300 MST 1 p.m.	OneAZ Credit Union parking lot, Gail Gardner Way & Willow Creek Rd., Prescott	Pete K6VVR or John WB9VGJ
General Meeting Programs — See page 4.				
Public Service Event Communication — See page 5.				

YARC:	Badges	Patches	Shirts
Features:	Name & Call	Club Name & Logo	With or Without Name & Call
Contact Person(s):	Sam Prather K7SCP	Sam Prather K7SCP	Pete Morrison K6VVR
Cost:	\$8.00 each	\$3.00 each	Without Name & Call \$20.00 — With Name & Call \$24.00 each

Club Website Registration
In order to receive the <u>Signal</u> (the club's official newsletter), you must be a member of the club. Make sure your email is correct by logging into our website (www.w7yrc.org), then clicking on the members tab and viewing your profile.

Welcome to the Yavapai Amateur Radio Club

The Yavapai Amateur Radio Club (YARC) is an ARRL affiliate Special Service Club. The club participates in many activities in the quad-city (Prescott, Prescott Valley, Chino Valley, and Dewey-Humboldt) area by providing communications for local events, emergency communications, and promotion of the hobby throughout the community.

Membership in YARC is open to any interested amateur or non-amateur alike. Dues are \$20.00 per year (full-time students \$15). YARC general meetings are usually at 1900 MST on the first Thursday of every month at the Danny Freeman Building, Prescott Rodeo Grounds, 840 Rodeo Drive in Prescott.

www.w7yrc.org

YAVAPAI AMATEUR RADIO CLUB – PO BOX 11994 – PRESCOTT AZ 86304-1994

Club Nets

Band	Mode	Frequency	PL	Night	Time
2M	FM	147.260 MHz	+103.5 Hz	Wednesday	1900 MST
2M	SSB (USB)	144.250 MHz	N/A	Wednesday	2000 MST
10M	SSB (USB)	28.444 MHz +/- QRM	N/A	Thursday	2000 MST
¾M	FM	447.650 MHz	-100.0 Hz	Saturday	0900 MST
Yavapai County ARES/RACES Nets					
2M	FM	147.260 MHz	+103.5 Hz	Monday	1830 MST
2M	FM	145.290 MHz	-127.3 Hz	Monday	1900 M
Club Repeaters					
2M	FM	146.880 MHz	-100.0 Hz	Open Use 24/7	Open Use 24/7
¾M	FM	447.650 MHz	-100.0 Hz	Open Use 24/7	Open Use 24/7

Submission Deadline for the Yavapai Signal from editor Loren Singh, AE7CG

The usual deadline for submission of articles and photos to appear in the Yavapai Signal is the 18th calendar day of each month. That gives me time to edit and format submissions, and to have the newsletter available for distribution to the club membership by the 20th calendar day of each month. The aim is to have the newsletter in the hands of club members approximately 10 days or so before the holding of the general meetings on the first Thursday of each month.

ae7cg@arrl.net

Share Your Surplus Items

Bring any ham related surplus items that you no longer need to the next club meeting. There will be a table at the meeting where your items can be placed. Let your fellow club member take those things that they want. The table will be available at each monthly meeting.

Canned Food Donations

Bring your non-perishable food items to the monthly club meetings and Terry Pemberton KB7TRE will take them to the local food bank. Give your bagged items to Terry.



CORONAVIRUS
COVID-19



From the President's Desk by Bill Noe, WG7W

As we look forward to June I want to also look back a year ago. They are two entirely different pictures. A year ago we were looking at the Prescott Hamfest at Embry Riddle Aeronautical University. A large group of our members had expended a great deal of labor and energy to an event that everyone looked forward to. That expenditure made for a fun and memorable event.

Later in the month of June 2019 was Field Day at the Jeep Posse house. Again there was that expenditure of effort and planning by a group of our members that brought about another event that we all could enjoy.

This year we will have neither event. Not because of club issues but forces outside our organization. The venue for the hamfest became unavailable early on. But then an event called the COVID-19 pandemic came about. Our events, meetings and other social activities like our annual party were canceled.

As I write this some activities around the state are being restarted. Businesses, retail outlets, restaurants, barber and beauty shops are opening with restrictions. Some activities like the Prescott Rodeo will continue. Many others still remain delayed or canceled altogether.

Your Board of Directors will be meeting online soon. We have some difficult decisions to make, about where we will head from here. When will we bring back our meetings? When will we resume activities like the monthly T-hunts, third thursday breakfasts? When will we resume the public service events. Parts of the answers are when we feel comfortable being together again and when the sponsors of the public service events resume and ask for our assistance.

I mentioned Field Day earlier. That event is one week prior to the Rodeo Week. At this time we do not feel comfortable with holding a public event in a very public location with little or no protection for the participants. No matter how personal feelings may lie the good of the whole is all important.

Yes, we are tired of an isolation whether it is thrust upon us or self imposed. As amateur radio operators we are social creatures. For some merely making contacts via RF is sufficient. For others the personal face to face contact is just as important. For me that is why I continue to work to return to those days.

Most of this message is to discuss and contemplate our current state of affairs. But part of it is to plant a seed. I mentioned the large group of people that worked on the hamfest, not only last year's fest but the one that we didn't have this year. There were other events, the annual party, Field Day, that more folks worked on. Even during this time of canceled meetings and events your Board has been working.

Okay, what seed? The one that making an organization like YARC a success isn't the work of a few. It is the work of many. That many work as a team toward a common outcome. This year we will elect several new officers when time comes for the elections. Prior to that we, the collective we, should search for the right people to fill those positions. While holding office is a job and there is work involved, it's really a labor of love, love for your hobby or avocation. Yes, it's early to be thinking of the election. Doing so will provide greater opportunity to find those individuals to hold office suited for them. Perhaps one of those individuals is you. Again, this is the perfect opportunity for you to find if you would or could take on one of the soon to be vacant positions.

The past few elections have been pretty much decided by acclamation. We have had some great people doing a great job but... One of the things that would indicate to me is that not too many members really care where the club goes or how or why. My suggestion to you is to get involved. Give of yourself back to the organization that has given to you. You have time. Please consider it.

The Board will keep you informed as to their decisions on activities via email. If you receive an email from the club please read it. If you have questions or comments you may reply to me, via email, WG7W@ARRL.net.

Meeting Minutes

By decision of the board of directors, minutes of the board and general meeting minutes will no longer appear in the Yavapai Signal. They are posted online at the club's website:

www.w7yrc.org → [Members](#) → [Login](#) → [Reports](#)

- |
- [Board Minutes](#)
- [Club Minutes](#)

Mentor / Buddy

Our club is in need of help for new and no so new inexperienced Hams. There are a number of club members that have passed their license test but are asking, "Now what?".

Anyone interested in helping our club members in need or, if you are someone who needs help, please contact:

Dave Erlach W7VSX at w7vsx@w7yrc.org .

Mentor Buddies

Name	Call Sign	E-mail	Telephone
Don Bauer	WB7TPH	dbauer2250@aol.com	928.775.4690
Frank Bender	K8FB	fhb47@hotmail.com	928.379.5575
Pete Morrison	K6VVR	pm-service@cableone.net	928.899.8555
Bill Noe	WG7W	wq7w@arrl.net	928.710.6925
Dick Hughes	W6CCD	w6ccd@arrl.net	928.759.0337
Ron Purcell	KI7EVK	728rwp@gmail.com	707.849.7099
Jack Szelka	AI1KL	radioaik@gmail.com	401.580.0330
Mike Reid	N7IEP	n7iep@arrl.net	480.250.6093
Sandy Meadowcroft	KF4JHC	sandymeado2@yahoo.com	928.660.8323
Mike Belanger	W1DGL	Fix_broke_airplanes@hotmail.com	520.831.4893
Jerry Warzaha	KØFC	jerry.warzaha@hotmail.com	612.205.3810

YARC General Meeting Programs, 2020

by John Snedden, KT7P

Month	Presenter	Subject / Details
June	CANCELED	CANCELED
July	TO BE DETERMINED	TO BE DETERMINED

Note: Schedule subject to change according to evolving conditions.

YARC Public Service Events

Due to the COVID-19 pandemic, the Yarnell Memorial Run on June 6 has been cancelled. The only potential public service event remaining this summer is the Prescott Rodeo Parade on July 4. The City of Prescott and the Prescott Rodeo are looking to see how they can hold a safe parade.

Rob Redford KG7LMI and Frank Bender K8FB are not optimistic that they will be able to stage the parade this year in a safe manner. The club's main concern here is the safety of our members. As a result, we are waiting until around the end of May to determine if we are going to support the parade this year or not. That is why we have not been soliciting sign-ups for parade volunteers yet. Stay tuned for future updates.



Socially Distanced In-Person Exam Session

With some states starting to relax restrictions on events and activities, the Grant County, Oregon, Amateur Radio Emergency Service (ARES®) held an in-person exam session on April 26 in the town of John Day that adhered to social distancing recommendations.

Exam organizers held the gathering to within Oregon's 10-person limit for gatherings, keeping everyone 6 feet apart and requiring all participants to wear face masks. The exam session was held outdoors under a car port.

"We had an exceptionally successful test session with candidates passing exams at every amateur radio level," said Ed Elleson, AF7YX, the ARRL Volunteer Examiner Liaison for the Grant County Amateur Radio Club. Grant County Emergency Coordinator Steve Fletcher, K7AA, noted that many clubs had canceled their planned sessions due to the coronavirus pandemic. "Grant County decided to approach the problem by obeying all the restrictions but still holding the exam," he said. "As a result, we had people come here from all over the state."



6L6 Oscillator by KF7SEY



Unpacking an Elecraft KX2



KK6VF at Field Day GOTA Station

LED Lighting RF Noise
by Kevin G. Smith, KK6VF
Campbell, California

Just an FYI for anyone considering getting LED lights. As we have quite a few new hams in the club [West Valley Amateur Radio Association, San José, California], I thought I'd send this out to save some headaches and head scratching.

I just installed new LED lighting in my garage and I am now getting a noise floor of S5-7 on 2 meters on the radio in my garage (Yaesu FT-1802, antenna is also in the garage about 6 ft. from one of the lights). My other radios seem to be fine as their antennas are roof mounted.

The lights I purchased from Home Depot are:
Metalux ST2 (from Eaton).
Two 4 ft. "tubes" totaling 4400 lumens.

For myself, I can live with the increased noise floor as I understand the impact. I may increase the physical distance between the antenna and lights sometime in the future. Your mileage may vary.

Thursday Night 10M Net — Check-ins
by Bill Noe, W7PVA

The 10M net meets every Thursday, except for the General Meeting Thursday, at 2000 MST on **28.444 MHz**, +/- if QRM. It's a friendly round-table with plenty of time to rag-chew. Check-ins of the past few nets areas follows:

April 16:

KG6AY ART; W7HAM RALPH; WN7E TOM; N7IEP MIKE; KG7SDY STEVE; KA9CLD MIKE; WG7W BILL.

April 23:

W7WWB RON; WN7E TOM; W7HAM RALPH; N7IEP MIKE; KG6AY ART; KA9CLD MIKE; WG7W BILL.

April 30:

N6KZ JIM; W7HAM RALPH; W7WWB RON; WN7E TOM; K6PSR TONY; N7IEP MIKE; KG7SDY STEVE; WG7W BILL.

May 7:

W7WWB RON; W7HAM RALPH; WN7E TOM; KA9CLD MIKE; N7IEP MIKE; WG7W BILL.

May 14:

W7WWB RON; W7HAM RALPH; WN7E TOM; KF7SDY STEVE; WG7W BI



W7VSX Antenna Installation

The Elmer Group recently helped Dave Ehrlach W7VSX install a 6 Meter Yagi on his roof mount tower. Assisting Dave were Art KG6AY, John KT7P, Jim N6KZ, and Dave KD7NRS. In the above photo, Art is on the right side wearing a face mask.

Net News — Potpourri by Bill Noe, WG7W

Wednesday 2M SSB Net — Each Wednesday following the 2M FM Net WN7E Tom hosts a SSB, Single Side Band, net at 144.250 Mhz, USB. This is also an informal round-table type of net. Depending on participants and information exchanges the net can last an hour. If you have equipment capable listen on frequency and join in if you can copy.

Nets To Come — Your Repeater Committee have been working on plans to upgrade and update some of our equipment. We have several available repeaters along with the equipment to operate them. What we don't have are usable frequency pairs.

WN7E Tom has acquiesced to host a C4FM Wires Net when the equipment becomes available. There are several C4FM repeaters in the area along with more than a few operators with capable equipment. Once that net becomes a reality it should be fun.

KA1SQW Cathy had asked about a ladies net. She also said that she would host if we could work out some equipment issues. Ladies, if you are interested and willing to help out or participate, contact Cathy. Your Board hopes to make some of these changes once the stay at home orders are lifted and people feel comfortable enough to get together and work. Stay tuned....

A modest proposal (for the next Extra Class question pool) by Dan Romanchik, KB6NU

At our last club meeting, I was discussing the changes to the Extra Class question pool with someone, and the topic of memorizing the answers popped up. As I always do, I mentioned that many of the questions you can only get right by memorizing the answer. At that point, someone down the way piped up. "Not me," he said, "I studied the material so that I didn't have to memorize the answers."

At that point, the president called the meeting to order, so I didn't get to challenge him on that point, but that statement is just plain wrong. First of all, it's true that some questions you can only get right by memorizing the answer. Almost all of the rules questions are that way, for example.

Secondly, there is no way to study the rest of the material in any depth and still have time to actually be an amateur radio operator. The amount of material that the Extra Class question pool covers takes an electrical engineering student four years or more to study thoroughly. And even then, some topics are bound to get short shrift.

So, we're back to memorizing. I would say that even an "engaged" person will memorize about half the answers. I'd go even further and say that those that "study" the technical topics, don't study it as thoroughly as a college student would.

For example, there are a dozen questions in Section E7G – Active filters and op-amp circuits: active audio filters; characteristics; basic circuit design; operational amplifiers. Despite the name, you don't need to know how to design or build an op-amp filter. All you really need to know is that op-amps are high gain devices.

These concepts are relatively easy to learn. but there are also two questions on filter "ringing." Honestly, you're better off just memorizing the answers to those questions unless you have a real interest in active filters that use op amps. Wading into the mathematics isn't all that hard, but when you consider this is only one of dozens of topics, you can see where doing any kind of in-depth study is going to take you months, if not years, to accomplish.

A modest proposal

The end result of this approach to testing is that we have many Extra Class licensees who know about a lot of things, but not in very much depth. Perhaps that's OK. Perhaps that's just what the question pool committee of the National Council of Volunteer Examiner Coordinators (NCVEC) was shooting for. If, however, we want an Extra Class license to denote that the licensee has some real technical expertise, I have a modest proposal.

Basically, my idea is that instead of testing on an incredibly wide range of topics, we test applicants on a set of basics, plus one or two particular topics. These would be topics that the person has expertise in already or enough of an interest in to study the topic in some depth.

Below are the topics that I would consider to be basic and some that I consider to be more specialized. This is, of course, not an extensive list.

- Basic questions (20 questions, everyone takes this part of the exam)
 - Safety
 - Rules and regulations
 - Electrical principles/basic circuits
- Technical Interests (Choose two, 20 questions each)
 - Antennas and transmission lines
 - Radio wave propagation
 - EMI/RFI
 - Analog and digital design
 - Digital communications and networking
 - Software/software-defined radio
 - Operating: contests, DXing, direction finding, etc.
 - VHF/UHF

The questions in each of the technical interest question pools would be designed to really test the knowledge of the person taking the test. We'd have to figure out a way to make them difficult enough so that one couldn't just simply memorize the answer. Questions could appear in one or more technical interest test. For example, a question on VHF/UHF propagation could appear in both the Radio Wave Propagation and VHF/UHF question pools.

Having said all this, I realize that this would not be easy to implement. You'd have to first decide on the topics and then enlist experts for each of the topics and get them to come up with a list of 80 – 100 questions each.

I realize that this has very little chance of being adopted, but it's interesting to think about, no? And, we have four years to do this, so it could be possible.

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Dan Romanchik, KB6NU, is the author of the KB6NU amateur radio blog (KB6NU.Com), the "No Nonsense" amateur radio license study guides (KB6NU.Com/study-guides/), and often appears on the ICQPodcast (icqpodcast.com). When he's not thinking up ways to make the lives of the NCVEC question pool committee more difficult, he likes to build stuff and operate CW on the HF bands.



WN7E Roof Tower Installation

The Elmer Group also recently installed a roof mount tower and a VHF/UHF antenna for Tom Griswold WN7E. Art KG6AY, John KT7P, Jim N6KZ, and Dave W7VSX from the Elmer Group did the installation. Kudos to Art for going into Tom's cramped attic to secure the roof mount. In the above photo, John is on the left and Dave is on the right.



The Xiegu G90S — Initial Impressions
by Richard E. Berger, KC3MIO
North American QRP CW Club (NAQCC)
Jim Thorpe, Pennsylvania

Earlier in April, I worked an op in Texas, but the QSO broke up fairly quickly. I followed up with an email and he responded that he lost me in the noise and that he was running 15 watts with a Xiegu G90. I asked how he liked it and he told me that except for a glitch with a firmware update, he really liked it. I went back and read the review in March 2020 [QST](#). He also liked the G90S very much.

After going through online reviews on eHam, I felt comfortable enough to order one from Connect Systems on April 8th. The price was \$425. It came two days later, early enough that I was able to get it on the air later that day (I downloaded and read the manual while I was waiting for delivery).

Overview of the G90S

The G90S is made in China by Xiegu, which has offered a number of other rigs. The radio measures approximately 5½" W x 8¾" D x 2¼" H and weighs 3 lbs. 10 oz. The front panel has three knobs, a volume control, and a multi-function knob on the left and a main tuning knob on the right. There are 13 small buttons that control basic functions of the radio, including a Func button that opens up submenus.

On the top of the radio are buttons to select the mode (CW, CWR, AM, LSB and USB) and the band (160-10 meters). The sides have connections for the headphones and microphone and firmware updates for the detachable front panel.

The back has connections for the antenna, keys (straight and paddle), various interfaces for firmware updates, computer control and power (Tamiya connector). Power output can be varied in one-watt increments, from 1-20 watts maximum. The radio has a built in automatic antenna tuner (ATU). The unit also has dual VFOs (it can work split) and 64 memory channels, which store frequency, mode, bandwidth and power setting.

On the Air

My main antenna is a 80-10 meter doublet, 125' long and up about 50' at the ends, fed with 600-Ohm ladder line. I use a MFJ 939 tuner with my Icom 7300. I disconnected the antenna and hooked up the G90S and powered it up. I turned on the ATU and it tuned the doublet without difficulty. I made contacts with 5 watts on CW and also with 20 watts, including one with SV8 in Greece on 30 meters. I then tried SSB with 20 watts and focused on Parks on the Air stations. I was able to work POTA activators to the south, the Midwest and even one in ID. Finally, I worked SK9WARD in Sweden and IK4GRO in Italy, who I have worked quite a few times before and who was quite surprised at my signal with only 20 watts SSB. The G90S is a software defined radio (SDR) and as such gives you tremendous flexibility in signal manipulation. The filter can be adjusted down to 50 Hz and the rig has most of the basic functions you would expect in more costly radios. The display is fairly small (1¼" x 1½") but surprisingly useful with a spectrum display covering +/- 24 kHz from your operating frequency. The S-meter appears to register the standard 6dB unit (as opposed to the 7300 which has a 3dB S unit); it also reads signal strength in dBm. As noted above, it has a very useful ATU. It tunes my doublet on all bands, and even tuned my 40/30/20 EFHW on 80 meters. After you tune the radio, you can engage an SWR sweep that shows SWR over a range +/- 125 kHz centered on the tuning frequency.

After 14 days, I feel comfortable with the controls and menus, although I do refer to the manual to learn more. The G90S has a built in Morse decoder. I have played around with it and although it is quirky, it does work in a fashion—for example, it frequently translates I as two Es. The manual is available at <http://www.connectsystems.com/products/top/radios/G90/G-90-Manual.pdf>

There is a users' group at <https://xiegu90.groups.io/g/main/topics>

Summary and Random Observations

Since the G90S arrived, I have hardly used my 7300 (which I like very much). I have to remind myself that it is a \$425 radio. The buttons are small. Some reviewers on eHam have had difficulty depressing them. I built a small wooden tilt stand to hold the rig and the buttons are fine. The radio seems very sensitive and the adjustable filters are very useful in crowded bands. I tried it out with AM on the broadcast band and it brings in quite a few stations that I have difficulty receiving on a consumer AM radio. I wish it had a built-in clock.

The additional power and the SSB mode make this a very good choice for POTA activations. When conditions are very bad for QRP, the extra power can come in handy. 20 watts is 6dB over 5 watts and only 7dB down compared to my 7300's 100 watts, so this radio fits in well between the two power levels.

The radio is a bit heavy for hiking to a remote location, but for use in an RV or walking a short distance to set up should be no problem. The reported 4.4A drain at full power means that you can run all day if you run a mixture of QRP and QRO on a 12AH battery.

Will this radio hold up? Will a bad firmware update "brick" it? We shall see. Could this be your main radio? I can see this as a second radio or a unit for a vacation home. I have to keep reminding myself: \$425.

If you have any questions or comments, you can email me at the address on my QRZ page. 73 KC3MIO

Weekday Noon-time Net News — Check-ins
by Bill Noe, WG7W

In May we started a Noon-Time Weekday Net using the Willow Creek Tank repeater, **146.880 MHz, (-), 100.0 Hz PL**. This net was to allow folks contact during the stay at home.

Check-ins were as follows:

May 6:

KB5FIO JAMES; WN7E TOM; W7HAM RALPH; KJ7WED ROBERT; K7PVY TIM; N7IEP MIKE; K6VVR PETE; KC7MBP DAVID; KI7JLU KATIE; N6KZ JIM; NO1D DOUG; WG7W BILL.

May 7:

W7WWB RON; WN7E TOM; K6VVR PETE; K6PSR TONY; W7HAM RALPH; WA6AQK KEN.

May 8:

W7WWB RON; WA6AQK KEN; KF7FPD JERRY; WG7W BILL.

May 11:

K7COM RAY; KG6AY ART; W1DGL MIKE; K6PSR TONY; K7NGK DON; WQ6V LARRY; KT7P JOHN; W7WWB RON; KJ7WED BOB; W7OTB VINCE; WG7W BILL.

May 12:

KF7FPD JERRY; KT7P JOHN; KA9CLD MIKE; WG7W BILL.

May 13:

W7WWB RON; WN7E TOM; KJ7WED BOB; KB5FIO JAMES; WA6SCW PAT; WB6ODR BOB; K6PSR TONY; WG7W BILL.

May 14:

WQ6V LARRY; KB5FIO JAMES; KG6AY ART; N7EP MIKE; KT7P JOHN; K6PSR TONY; WG7W BILL.

May 15:

WB6ODR BOB; K6VVR PETE; K6PSR TONY; KA1SQW CATHY; W7PMS PATTI; WG7W BILL.

Saturday 70 cm Net News — Check-ins
by Bill Noe, WG7W

Each Saturday at 0900 MST there is a net on our 440 MHz repeater on Mt Union. The repeater operates at **447.650 MHz (-), 100 Hz PL**. The net has become very informal. It's fun to check in and rag-chew while exchanging information. Recent check-ins have been:

May 9:

N7NRE DAVID; KI7ALL ALLAN; WN7E TOM; WA6SCW PAT; K6VVR PETE; W7HAM RALPH; WG7W BILL.

May 16:

N6MY RAY; WN7E TOM; WG7W BILL.

Bob WB7RRQ
and
Judy KC7MTY Rosevear
→

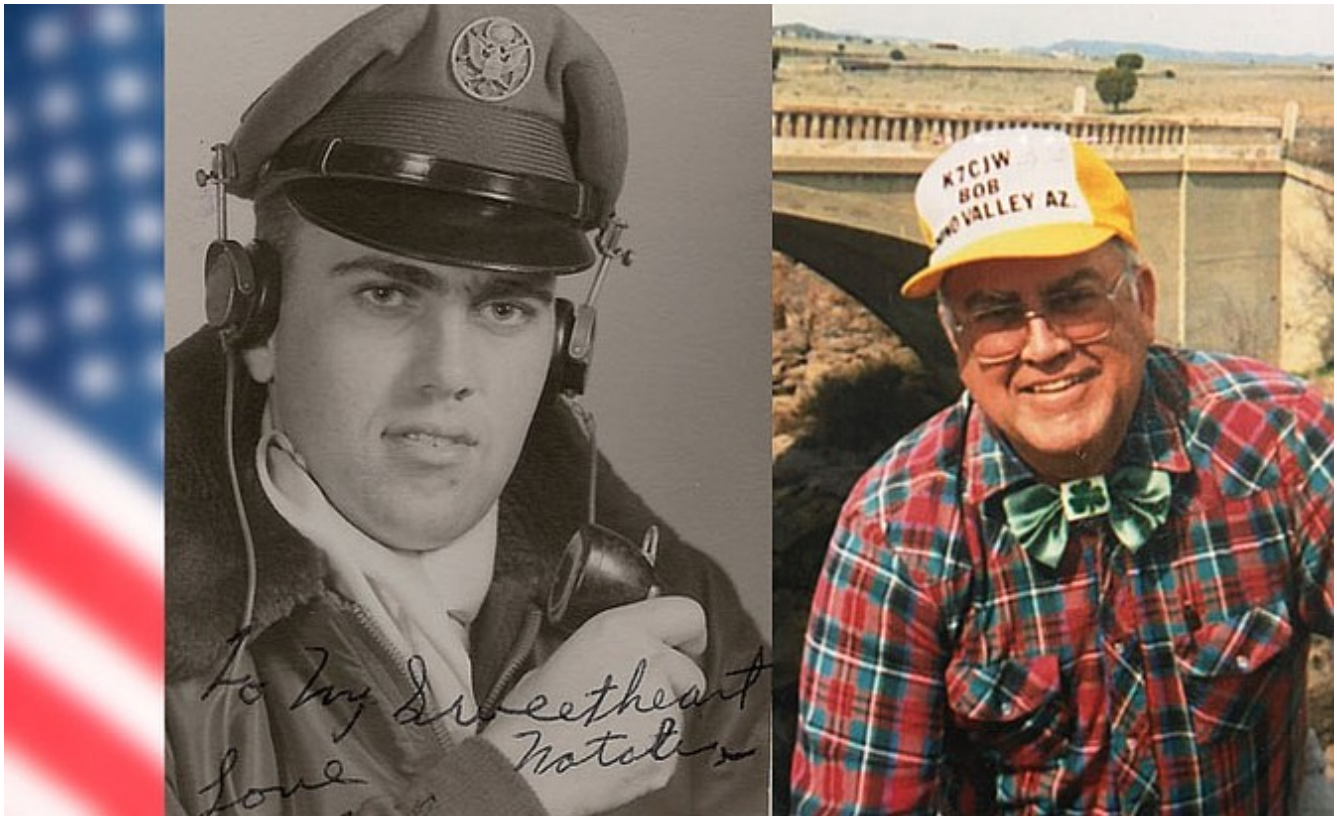


W7YRC 2M FM Net — 147.260 MHz, PL +103.5 Hz — Wed., 1900 MST

Notes: 1) NCS = Net Control Station

2) List of check-ins for 04/29/20 is not available.

Call	Name	04/15/20	04/22/20	05/06/20	05/13/20
K6VVR	Pete	x	x	x	x
KF7ANX	Frank	x	x	x	x
KF7FPD	Jerry	x	x	x	x
KF7INF	Dennis	x	x	x	x
KF7PQV	Dan	x	x	x	x
KG6AY	Art	x	x	x	x
W7HAM	Ralph	x	x	x	x
WA6AQK	Ken	x	x	x	x
WN7E	Tom	x	x	x	x
KG7EWD	Patrick		x	x	x
K7LMJ	Mike	x	x		
W7WWB	Ron		x	x	x
KJ7WED	Bob		x	x	x
N7IEP	Mike		NCS	x	x
KT7P	John	NCS	x	x	x
K1AN	David		x		
W8GEM	Heather		x		
WA6SCW	Pat	x	x	x	x
K6PSR	Tony		x	x	x
K7PRS	John				x
NO1D	Doug	x	x	x	x
WG7W	Bill	x	x	NCS	x
W6TSH	Tish	x	x		x
KB7TRE	Terry		x		x
KG7SDY	Stephen	x		x	x
KF2TM	Arnott	x	x	x	x
KA1SQW	Cathy	x		x	
KC6UUG	Ovie	x			
KF4HJC	Sandy	x	x		
KC4UVA	Rich		x		
KA7ECQ	Dave		x		
KB5FIO	James			x	x
WQ6V	Larry			x	x
KM6XX	Steve				x
KJ6KMK	Kathy				NCS



Obituary — Robert Joe “Bob” Tilman, K7CJW (SK)

Prescott Daily Courier, May 6, 2020

Robert Joe ‘Bob’ Tilman, age 86, Ham Operator K7CJW, signed off from home, Thursday, April 30, 2020. Bob was born in Perry, Oklahoma on November 30, 1934, one of 5 children of Troy Cletus and Anna Mae Tilman. He found the love of his life, Natalia Ponce while stationed in Tucson with the Air Force. They moved to Bermuda during the cold war where he flew with the 303rd air-refueling squadron, keeping America’s B-47 line of defense in the air 24/7.

Bob is survived by Natalia and their 6 children, William, Dolores, Maria, Paul, Rudy and Joe, plus 19 grandchildren and 11 great-grandchildren. He is also survived by his sister, Virginia Helm of Owasso, Oklahoma.

They moved to Prescott Valley in 1967 and after two years made their home in Chino Valley, to this day. Bob retired from Prescott’s Love Field as an air-traffic controller and weather advisory for the Federal Aviation Administration (FAA). He was the ‘go-to’ weatherman of Chino Valley because of his interest in following the weather and keeping accurate records over the years.

As an avid sportsman, Bob also worked on water-projects for the preservation of the Arizona Desert Big Horn Sheep and herd counts of the local Pronghorn Antelope. Bob was an accomplished ham radio enthusiast and served in ham radio communications for many local car rallies, bicycle races, and other events. Because of State Corona Virus precautions, visitation and services are for family only. Mass will be held in Robert’s name on August 30, 9:30 am, at St. Catherine Laboure’ in Chino Valley. Information provided by survivors.



CORONAVIRUS
COVID-19



Brown Bag Net

During the COVID-19 coronavirus pandemic, restaurants in Arizona are not allowed to provide dine-in accommodation — and are only allowed to fill drive-through and take-out orders only.

The every **Monday Dan Nichols (W6SAK SK) Memorial Lunch** gatherings have been **canceled for the duration**.

In place of them, an on-the-air replacement has been developed. It is the **Brown Bag Net**. It meets every **Monday at 1130 MST (11:30 a.m., 1830 UTC) on the W7EI/r repeater, 147.220 MHz, PL (+) 162.2 Hz.**

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Yavapai Amateur Radio Club — W7YRC Club Station Access List — Effective March 4, 2020

Permanent Station Access (defined by YARC role) —

Name:	Call:	Lic. Class	Notes:	Telephone:
Bill Noe	WG7W	E	YARC President	928.710.6925 – Do not contact for access
Frank Bender	K8FB	E	Station Manager	928.379.5575 – OK to contact for access
Pete Morrison	K6VVR	E	W7YRC Trustee	928.899.8555 - Do not contact for access
Bud Semon	N7CW	E	ARES/RACES DEC	928.899.7400 - Do not contact for access
Rob Redford	KG7LMI	G	ARES/RACES EC	623.252.3980 - Do not contact for access
Jo Schultheiss	KF7WOT	G	ARES/RACES EC	928.925.0956 - Do not contact for access
Jim Zimmerman	N6KZ	E	Elmer Group	928.713.0542 - OK to contact for access
Art Protas	KG6AY	E	Elmer Group	928.227.2954 - OK to contact for access
Doug Freeman	KV8TD	E	N7GMH Trustee	928.759.0958 - Do not contact for access

Building Access for Other Reasons (includes station access) —

Donald Bauer	WB7TPH	E	VE Chair	928.775.4690 - Do not contact for access
Kathy Laing	KJ6KMK	E	License Classes	928.778.2526 - Do not contact for access

Rotating Access (changes every July 1st)

This category is limited and consists of volunteer members —

Mike Belanger	W1DGL	E	Rotating Member	520.831.4893 - OK to contact for access
Jim Custer	WØHJ	E	Rotating Member	507.720.4053 - OK to contact for access
Tony Jackson	K6PSR	G	Rotating Member	562.644.0528 - OK to contact for access

Note to YARC Members —

**For station access, first try to contact the Rotating Access members.
If you are not able to contact the Rotating Access members, then try to contact the other “OK to contact for access” members.**

Club Officers, 2020

Officer	Name	Call Sign	Email Address
President	Bill Noe	WG7W	wg7w@arrl.net
Vice President	John Snedden	KT7P	vice.president@w7yrc.org
Treasurer	Sam Prather	K7SCP	treasurer@w7yrc.org
Secretary	Tim Norton	K7PVY	secretary@w7yrc.org
Director	Dave Erlach	W7VSX	w7vsx@w7yrc.org
Director	John Laing	K7PRS	k7prsextra@gmail.com
Director	Sandy Meadowcroft	KF4JHC	sandymeado2@yahoo.com
Director	Kathy Laing	KJ6KMK	kj6kmk.yarc@gmail.com
Director	Mike Reid	N7IEP	n7iep@arrl.net
Editor Emeritus	Joseph Oliver	AC6AA	joliver@cablone.net
Editor	Loren Singh	AE7CG	ae7cg@arrl.net
Webmaster	Randy Dashiell	W6TYV	webmaster@w7yrc.org