

Welcome To The Yavapai Amateur Radio Club

The Yavapai Amateur Radio Club (YARC) is an ARRL affiliated club. The club participates in many activities in the tricounty area including providing communications for local events, emergency communications, volunteer exams, and promotion of the hobby throughout the community. Membership in the YARC is open to any interested amateur or non-amateur alike. Dues are \$20.00/yr. The YARC meets at 7:00 PM local time on the 3rd Thursday of every month at the Granite Mountain Middle School, 1800 Williamson Valley Rd. in Prescott. It is about 1/2 mile north of Iron Springs Rd and all amateurs and non-amateurs as well are invited. Programs of interest are included as part of the meeting. The weekly NET is held every Wednesday at 7:00 PM local time on the 146.880- repeater. All amateurs are invited to participate and visitors are always welcome. The Yavapai County ARES/RACES NET is held on Monday nights approximately at 6:45PM local time on the 147.220+ repeater on Mingus Mtn.

Club Repeater

The local 146.880- MHz repeater is the official adopted repeater for the YARC. It is located on the hill above Willow Creek Rd and requires a PL of 100.0 Hz. If you hear a 1400 Hz pulsing tone, the repeater is on backup battery power and usage should be limited to necessary communications. The 147.040+ (100.0 PL) repeater is back up and running in Prescott Heights. Many thanks to Bill Kafka, W2YAV for the upkeep and use of the repeaters.

Yarc Officers For 2003

President

Bob Smith-WB6ODR
lrsmith@cableone.net

Vice President

Terry Pemberton-KB7TR
kb7tre@aol.com

Secretary

Tony Masvidal-W7PCU
W7ocu@webtv.net

Treasurer

Al Crook-KD7MTJ

YARC Board of Directors (includes Club Officers)

Lee Cunningham-KC7CBK

Bob Kane-K7KOL

Bob Rosevear-WB7RRQ

Jack Ragan-W3/VQ

Weekly Net Control-Dale Leslie-N7XFD

Newsletter Editor-Hal Tritel-N6OVE



Thoughts from WB6ODR

Ascending to the Presidency of YARC the way I did was not the way I would have liked to have been placed in this position. On June 30 I finished my 4th year of leadership in my Toastmasters club and I was looking forward to 6 months of relaxation from being an officer in any club I belonged to. Just 13 days before I was to leave office at Toastmasters, YARC lost its President. As your elected Vice President it was my job to step up to the plate, sort of speak, and do the best I can to keep the club rolling. I will do this to the best of my ability, BUT, I need your help to do it. YARC will need speakers and programs for the rest of the year and into the next year. I need all of you to think about these needs in our club. I need all of you to think about 2004 officers to continue this club into the future. With all the irons that I have in the fire, I need to slow down a little as well.

When I retired from the phone company in San Diego with 30 years of service, I thought I was going to have all the time in the world to do all the things that I used to set at my desk and dream about. Well I have been retired for 12 years now and you

know I have not been fishing but 1 time. I have been hunting several times and that was work but enjoyable. I have not completed several ham projects, a tower lies at the side of my garage that I need to put up, someday.... I want to get back to more rifle and pistol shooting. I am a range officer for USPSA/IPSC pistol shooting and competition and there just is no time to get into that here.

I guess what I am trying to say, is, think about the future of YARC and how you can help keep it going.

73 Bob WB6ODR



Photo taken behind his Jeep last March during a trip to Mt. Union to install a pre-amp. The forest service lookout was the one who held the camera and took our picture. John and I would often go to the mountain to repair, adjust or modify his repeater. Typically, only John and I were up there, as we never had anyone else with us to help move antennas, take measurements and enjoy the day with.

Rex Mauldin N7NGM

Yarc Minutes of June Meeting

Meeting came to order at 7pm by the new President Bob-WB6ODR. Our past President, John-KM6BF became a silent key on June 17th. A prayer for John-KM6BF was done first.

A memory about John-KM6BF was done by both Don-KC7AGL and John-KD6AHH, both fireman. They had found John Wilson slumped over in his chair working on the YARC roster. He had died of SMI.

A motion was carried that John Wilson was to be added to the YARC website in his memory along with Frank-N7VOJ.

Motion was also carried to make Terry-KB7TRE as the new VP of the club.

The secretary Tony-W7PCU read the minutes. A correction was made to John's C/S from a 7 to a 9. Motion passed.

The July meeting will be held on the 24th (4th) thursday due to ARRL people coming to that meeting and the Ft. Tuthill hamfest.

The treasurer Al-KD7MTJ, gave his report of \$1952.27 in the funds.

Emergency services. Lloyd-WA6ZZJ, gave his report of the Cherry fire. It had jumped the line and EOC was activated for tuesday, wednesday and thursday. Frontier day parade. Need 6 hams on street from about 0730 to 1030 ish.

The comm's van will be in the parade. Field day. The new

"F" category. Downtown EOC will be manned from 12 to 5pm.

Road rally. Bob-WB7RRQ says everything is on track.

Visitors: Rich Bozeat, Tomy-KF7GC, and Terry-KD7TUL.

Rex-N7NGM gave us an update on the 220 mhz equipment on Mt. Union Meeting ended 807pm.

833pm- program began. ticket was won by Terry-KB7TRE.

John Wilson's family was present and talked about John and his love of ham radio.

Hal-N7OVE, has volunteered to take over the YARC newsletter. The Board members will be getting together for a discussion of what has happened.

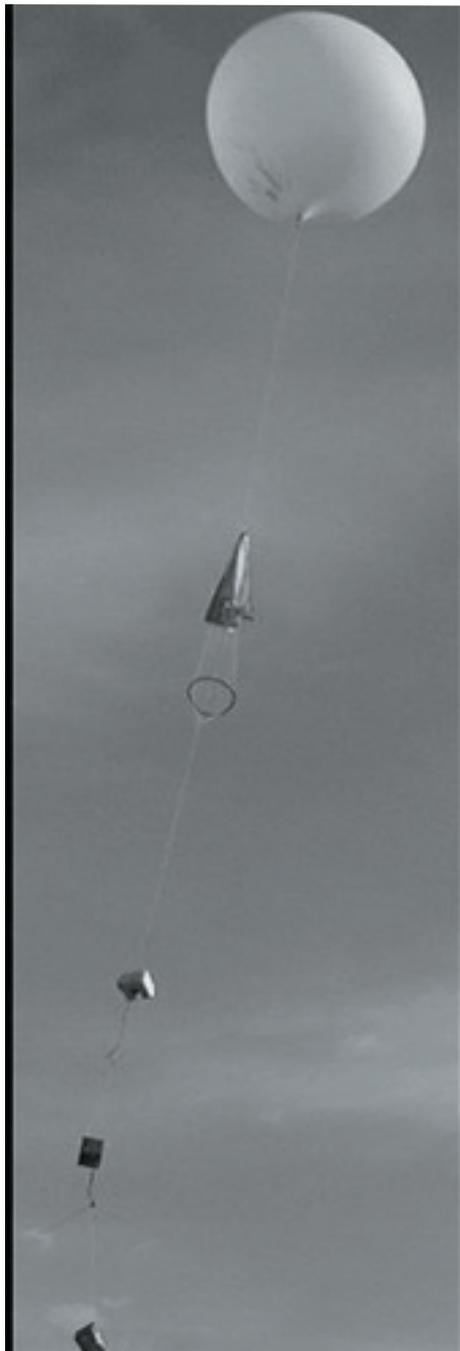
(NOTE) there have been over 14,000 hits on the YARC website.

Program closed at 840pm

Submitted by
Tony Masvidal-W7PCU

Arizona Near Space Research News

Each flight of the Arizona Near Space Research continues to draw attention of the crowd at Ft. Tuthill and once again, a flight is scheduled to take place this weekend with liftoff to be about 9 a.m. near space BB-05. The 1200 gram balloon is expected to reach about 90,000 and will have a cross-band repeater on board. The downlink frequency is 445.525. you can listen there for news and other information. the web sites regarding the balloon can be found at [//www.ansr.org](http://www.ansr.org) and [//www.kd7lmo.net/ansr](http://www.kd7lmo.net/ansr). Packet will be aboard as well as a Tv camera.



Lloyd Coppock N7QZQ at his radio assisted by his XYL Naomi

Lloyd Coppock N7QZQ

Long-time YARC member Lloyd Coppock N7QZQ, enjoyed a home visit from the Prescott VA Hospital on Father's Day.

Lloyd had a good day, visiting his family and home environment after a long absence, and then operating his two meter ham station, talking with club members.

Lloyd's regaining his vocal and body strength slowly and his wife Naomi's help with the mike made it easier for Lloyd to QSO.

QZQ and his family wish to thank Walt Loesch WF7J for the earlier radio test, and Lee Cunningham KC7CBK, Dale Leslie, N7XFD, Tony Masvidal, W7PCU and Jim

Blackmore, W6KCF for the two meter QSO. It was great to see QZQ re-establish his comfort with the equipment. We all waited for a report about his favorite desert, strawberries and cream, but it was too early in the day. The calories came later.

Lloyd Coppock N7QZQ passed away at 0500 Sunday, July 6, 2003 at the Prescott VA Hospital.

He had been hospitalized there since November, 2002 because of complications from a hip and shoulder fracture caused by a fall at home. Lloyd suffered from Parkinson's Disease, and the fall exacerbated that condition.

His memorial service was at the First Congregational Church on Gurley and Alarcon, Prescott at 1700 Sunday, July 13.

Field Day on Willow Lake

Field day was celebrated by America's hamdom this last weekend of June with radio amateurs heading for the hills to set up rustic radio stations replete with auxiliary power systems spewing enough kilowatts to cool linears and long-necks or with solar/battery combos firing up bare-foot rigs supported on chests of ice-cooled Cokes, Coors and cheese sticks. A good time was had by all these pioneers.

Other hams set up their stations in more civilized surroundings, fully equipped with running water and flowing electricity, such as a place once called "Jackass Flats". The four-legged animals are long gone from Doctor Bob's environs, replaced by the bipeds of modern society.

And several Prescott aficionados descended into the bowels of civic structures to perform radio magic with community supplied appliances to hone their skills in crises communications. One thing is certain; all learned something about their surrounding environment and their place in it, and faced the challenge of operating an amateur station sans home-style comforts.

I spent my field day in a 12 foot, composite kayak paddling with friends on Willow Lake, sneaking up on blue herons, Western grebes and scores of cormorants. At the lake's dam, I passed under hundreds of bulbous, look-alike, occupied swallow nests. As I glided past, the birds understood me to be a predator, and took off in an explosion of wings and screeches that made a World War 2 sortie departing a soggy English airdrome look like a cross-country sojourn. The birds beat into the wind and then turned north, finding refuge from the foreigner in rocky formations.

Leaving the constricted dam area, I paddled out to mid-lake and turned on my two meter hand-my two meter hand-held and called "CQ two meters" on the Prescott 146.88 MHz repeater, signing; K7KOL, Maritime Mobile! Maritime mobile in Prescott is rather unusual, and three local hams immediately came back to me: KB7FRV Leonard Beers, WF7J Walt Loesch, and W7PCU Tony Masvidal. Leonard and I talked at some length about our work years at the nation's major airlines, Eastern for Leonard, and Western and Delta for me. Eastern of course, was a pioneer airline shaped by Eddie Rick-enbacker, a giant whose name meant air transportation as Ford meant autos, into the



dominant airline in the eastern United States. Western Air Express was the pioneer airline of the Rocky Mountain region, once owned by General Motors and once the original "WA" in TWA, Transcontinental and Western Air. "T" and "WA" later divorced and TWA became Trans World Airlines. Western was later merged into Delta Air Lines.

Leonard cautioned me to "keep the blue on top", an old aviators admonition to keep the blue sky above your head, and the black earth below, as shown by the basic, two colored cockpit indicator known as an artificial horizon. If the cockpit indicator's colors reversed position, so had the airplane! I'll keep it straight and level, Captain.

Walt, WF7J jumped in and we discussed the field day events out in Jackass Flats at Doctor Bob's. Walt was tied up with "honey-do's", so he missed out on the field events at the "Flats", but satisfied his duties by talking with me on the lake. Walt's always so involved in hamming, but this field day, the domestics took over.

Tony, W7PCU gave me a chuckle as we reminisced about "the old days" and deep water radio operating. All ship radio operators were required to observe radio silence and listen on the international calling frequency of 500 kc for distress cw calls from 15 to 18 and again from 45 to 48 minutes past the hour. It was mandatory that if you must sink and send an SOS, the water must cover the main deck only during those designated six minutes!! Tony advised me to go back to my kayak's emergency radio room and come up on 500 kc, cw. I told him to stand by, as I would have to leave my helmsman's position, and swim back to the aft radio room. We never discussed

antennas, so I don't know what I would do about that, only two feet above sea level! Plenty of counter-poise below me, but no aerial above.

The day was good for me. I enjoyed the serenity of the lake, the stone-still herons along the shore line, the squadrons of swallows, the paddling companions, and the fun of talking, via the magic of my little hand held appliance, with three friends many miles away from my watery spot. What more could a guy want?

I hope that all field day hams enjoyed equal satisfaction with their hobbies as I.

73's,

Bob Kane

K7KOL, Maritime Mobile (on occasion)



And this is the boat that your editor lived on for seven years before moving to Prescott. I helped start a ham radio club at the Seal Beach Yacht Club, but did not have my own station until we moved here in 1990. I sometimes miss the ocean, but we love living in Prescott,

Activation for Both Cherry and Spruce Fires

ARES/RACES was activated for both the Cherry and Spruce Fires recently. The Cherry Fire activation was called at 1300 on June 17th when the controlled burn jumped the fire lines and the County Emergency Operating Center was activated. The radios in the EOC were on the air by 1340 with communications between the EOC and the National Forest Fire Center, located at Love Field in Prescott, which came on line at 1345. By 1600 homes in the Federal Mine area were being evacuated and people sent to Dewey Fire Station 54 to register. At this time a radio operator was sent to the Fire Station for possible Red Cross communications. With registration being only a few people Dick, W6CCD, was released from the Fire Station to return home and monitor from there at about 1900. Operations were secured at 2230 for the night. The EOC was back on the air at 0600 the next morning and the Fire Center at 0715. Fire Center operations were suspended at around 1015 and the rest of the day was spent monitoring Public Service VHF communications of different agencies and additional operators were called in with the EOC operating until 1800 on the 18th. The EOC was back in operation at 0800 on the 19th and monitoring operations continued with relief operators coming in. The EOC operations were secured at 1530. A total of 52.75 man hours were put in by amateurs on this event.

Operators taking part were: KC7CBK, WB9VGJ, W6CCD, KB7TRE, W7PCU, W7OPM, KF6SPS, AB7NK, N7XFD and WA6ZZJ.

ARES/RACES was activated again on Saturday July 5th when the Spruce Fire erupted in the Walker area. The fire broke out at 1918 with evacuations taking place almost immediately. The County EOC was once again activated and radio communications established between the EOC and Fire Center shortly thereafter.

The evacuation registration area was set up this time at Yavapai College with well over 100 people registering. It was determined that a radio operator would not be needed at the College. Quick action by the Forest Service and local Fire Departments helped to keep this fire to 24 acres and EOC and Fire Center operations were suspended at 2345. A total of 18 man hours were put in

by Amateurs on this event.

Operators taking part were: KC7CBK, W7PCU, WB9VGJ, KD7VBG and WA6ZZJ.

On both of these fires we were extremely fortunate that no structures were lost, but we are not 'out of the woods' yet by any means. So... as we always say "Keep your Go-Kits packed and your batteries charged". You never know when our services will be needed again.

Tuesday July 1st a 2 meter radio and antenna along with battery back-up power were installed at the Crown King Fire Station to be used for emergency communications should they be needed.

Amateurs taking part were: KC7CBK and WA6ZZJ.

YARC Public Service

Members of the Yavapai Amateur Radio Club once again participated in and provided communications for the Frontier Days Parade in downtown Prescott on Saturday July 5th. The CommVan, WA6ZZJ, along with Lee, KC7CBK, in his vehicle and Tom, W2JKG, who was 'bicycle mobile' were in the Parade and six of our members were stationed throughout the route to provide public safety communications. Amateurs on the route were: KB6AH, W6HDP, N7XFD, KC2FWT, WB6ODR and WB9VGJ. Net control for the operation was run from the CommVan by KD7VBG.

A big THANK YOU to all who participated. Events such as this get the Yavapai Amateur Radio Club and Amateur Radio itself out in the public eye.

Upcoming events include the Road Rally which will be October 3rd and 4th this year. Please circle these dates on your calendar as a large number of operators are needed for this event. More information will be forthcoming from Bob, WB7RRQ, on this event.

Until next month.....

Lloyd WA6ZZJ



The repeater—Motorola 70 watts 4 cavity duplexer



The antenna: 4 vertical dipoles—9db offset

On the Loss of a Listener

When John Wilson, KM6BF left us, the ham community suffered an untimely loss. He was a ham and scribe who immensely enjoyed the techniques of both radio and printed word as a means of communications to his ham audience. He was a wordsmith whose editorial talents were quickly appreciated from the first reading of the monthly Yavapai Amateur Radio Club's newsletter, "The Yavapai Signal".

This club's newsletter is the best I've ever read because of its lucid, informative content, and John's careful editing. I to have him as board" for the arted for publication.

John and I discuss an idea and he would I intended to use serif type face, to reply (after writer's reference stick with serif!"



was fortunate my "sounding ticles I submit-

would often for print style, jokingly ask if a serif or sans-which I would checking my works), "I'll Serif is the kind

of type of being used now – notice the little curved extensions at the base of the letter "m." These added flourishes at the head and feet of letters are commonly used for newspaper and magazine type, which makes for an easily read page. Fonts and scripts are a study in themselves, originating in the ancient Hebrew and Arabic languages, and John had a working knowledge of the array.

We also discussed "leading" (pronounced ledging) of the page, or the amount of space allocated to line separation. He'd say, "I'll lead it up a little to spread the story up and down the column". He had an impressive knowledge of printer's techniques, and knew how to apply them to electronic publishing. Not only was he concerned about font size and style, he also had in mind the overall appearance of the finished page, and the efficient use of available space.

I'll miss the camaraderie that we nurtured over the years and regret to say, "my favorite ear no longer listens."

The Club and the ham fraternity have lost a dedicated, energetic organizer who always had the hobby's vigor uppermost in his mind by encouraging new hams through quarterly examination sessions, and honorably serving us as Club President, newsletter editor and very active club member. He'll be missed.

Bob Kane, K7KOL

Achievements are accomplished not only through hard work, but most often by working smarter. As an example, this is the month for the 34th anniversary of the apollo 11 lunar landing. it certainly took hard work to build th rockets, load them with cargo, launch and later retrieve them. But i also took planning, forethought and an understanding of physics and other sci-ences in order to bring it all about. the understanding of physics, science, astronomy adn a host of other disciplines made the Apolo flights come about be-cause people chose to study, read and learn rather than good off, get into trouble and cause others pain.

Many people who attended John's me-morial service recently were able to se first hand the positive ersults of John's involvement with his two children, who during their younger years often heard their father give advice about reading, studying and ignoring temptations to slip away into non-productive ventures by tel-ling them-Its Ok to be a nerd.

spiff stuff huh1

ed note; This stories and others are what John and I would share with each other during our time together. I will miss him greatly, - Rex



Weekly Information Net

Wednesday Nights @ 7:00 pm 144.880 (100 PL)
*If you don't have PL, transmit on 144.88 simplex
when the repeater drops out.*

All amateurs welcome

Monthly Meeting

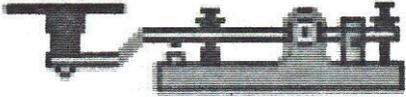
3rd Thursday @ Granite Middle School 7:00 pm
(N 34°43'56.5" W112°27'15.4")

Next Meeting Thurs. August 21, 2003 7pm

Wednesday morning breakfast—*Iron Horse Cafe,
S.Hwy 89 in Chino Valley (N 34°43'55.5" W112°27'15.4")*
Informal—All are invited.

Thursday morning breakfast—*Michael's Restaurant in the
Safeway Shopping Center, Hwy. 69 Prescott Valley
(N 34°35'13.33" W112°19.44.6") All are invited.*

Location data provided by Fred Zimmerman NPJ, per WSG84 Datum



SIZE: 24,000 acres

CONTAINED:75%

CAUSE: Lightning

Personnel: 408

COST TO DATE: \$5.2 million

FUELS: Fire is burning in a mixture of ponderosa pine, pinyon-juniper, chaparral and grass.

TODAY : The fire burned well in the northeast portion as the burnout was completed yesterday in all areas except Big Canyon. Isolated torching and short range spotting were observed, however in the more moist areas of the fire some smoldering and creeping was observed. Activities planned for today include burnout operations in near Big Canyon, mop up and patrol of the fire line.

PERSONNEL : 408 fire resources are assigned to the fire, however several crews will be demobilized and made available for other national wildfire incidents.

FIRE RESTRICTIONS : Fire restrictions on the Fort Apache Indian Reservation and Arizona National Forests remain in effect. This includes the area closures along the North Fork drainage, including the Lower and Upper Log Campgrounds and Diamond Creek area.

Resources:

5 Type Two Crews

23 Engines

8 Water Tenders

6 Helicopters

10 Type Two Crews

11 Dozers

YAVAPAI AMATEUR RADIO CLUB

P.O. BOX 11994

PRESCOTT, AZ 86304

Visit us on the web at: <http://www.w7yrc.org>

Many thanks to Bob Smith-WB6ODR, our Webmaster

