

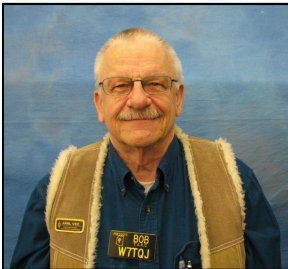


YAVAPAI SIGNAL



The Yavapai Amateur Radio Club • Prescott, Arizona • DM-34 • Volume 24 – No.2 • February 2009

From The President's Desk ...



Opportunities Abound!

Wow! ... It's February already. I knew that time would fly a little quicker during the Christmas holidays, but nothing like this. I was a bit apprehensive about my first club meeting as President of YARC, but I managed to pull it off, but only with all of the help of all of you club members helping me along the way through the meeting. Thank you so very much!

Looking back, 2008 was a pretty good year for the club. We started out with 144 members in January, 2008, and ended up with 158 in December, 2009, an increase of 14 members.

Thanks to the many club members that managed and coordinated each of our public service events as well as all of those who participated in the events. An incomplete list of events included the 54-mile Fun Run Challenge (Lee, KC7CBK), The Groom Creek Community Classic (Richard, KE7DTR), The Whiskey Row Marathon (Lloyd, WA6ZZJ), The Yavapai County Fair (Doug, KV8TD), The Skull Valley Loop Challenge (Lee, KC7CBK), not to mention America's Walk for Diabetes, The Prescott Road Rally, etc.

Because of our outstanding management and organiza-

tion skills relative to all of these public service events we manage and coordinate, YARC has been asked by the Maricopa County Emergency Communication Group (MCECG) to participate and provide assistance with communications in North Central Arizona for the Ragnar Del Sol Relay Race on Friday, February 27th & 28th. A very nice feather in our public service hat! Lloyd (WA6ZZJ) will be coordinating the club's efforts for this event.

The point of all of this is that this represents a lot of opportunities for club members to participate in these events providing radio communications for the good of the community, as well as sharpening operating skills, proper use of tactical calls, and net operating.

I personally participated in two or three of them last year and found that I had a really great time in each event, and went away with a feeling of self-satisfaction at having used my equipment and skills to aid a number of worthy causes. So if you've never been a part of one of these events, contact the club member responsible for managing/coordinating the event and "sign up" – I think you'll enjoy the experience, as well as knowing you contributed something of significance and value to the community – I know I did. ■

/Bob – W7TQJ President, Yavapai Amateur Radio Club (YARC)

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YARC Officers for 2009

President

Bob Erdmann, W7TQJ
W7TQJ@cableone.net

Vice President

Pete Morrison, K6VVR
pm_service@earthlink.net

Secretary

Jeff Hanna, WB7RFY
jeff668@commspeed.net

Treasurer

Mary Vince, AB7NK
ab7nk@ARRL.net

Board of Directors (includes Club Officers)

Terry Pemberton -- KB7TRE

Tom Griswold -- N6LSA

Richard Bozeat – KE7DTR

Walter Schumann – KF6SPS

Newsletter Editor: Joe Oliver, AC6AA

Welcome to the Yavapai Amateur Radio Club

The Yavapai Amateur Radio Club (YARC) is an ARRL affiliated Special Service Club. The club participates in many activities in the tri-city area by providing communications for local events, emergency communications, 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/year (Full-time students \$15). The YARC meets at 7:00 p.m. local time on the first Thursday of every month in the Technology Room 404, at the Granite Mountain Middle School, 1800 Williamson Valley Road in Prescott. It is about ½ mile north of Iron Springs road, 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 p.m. local time on 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 7:00 p.m. local time on the 145.290- repeater on Mingus Mountain. A PL of 127.3 is required.

Club Repeater

The YARC 146.880- repeater is located on the hill above Willow Creek road and requires a PL of 100.0 Hz. Our deepest gratitude to Bill Kafka, W2YAV for allowing us to acquire the original club repeater.

Minutes of January 8, 2008 Board Meeting



Meeting was called to order at 1825 hrs. by the President, W7TQJ. Also in attendance:

KB7TRE, KF6SPS, KE7DTR, N6LSA, K6VVR, AB7NK, & WB7RFY.

Meeting decorum was discussed, Board agreed in consensus.

Program committee discussed possible topics and means by which membership could input suggestions. There are currently no speakers scheduled in 2009, but several 'anytime' presentations available. Digital is area of interest, as well as general HF operation. Nets, will solicit.

Suggestion box or forum, e-mail and/or written survey also considered.

Upcoming events: After-Christmas party, Statehood day, Hamfest was reviewed.

Suggested club repeater use for code practice well received. Present to membership.

Suggested local T-hunts was well received. Present to membership.

Certificates of Appreciation were acknowledged and signed for presentation tonight.

Committee presented to the Board a member for additional recognition of Lifetime Membership. Discussion then was approved.

Meeting was adjourned at 1858 hrs.

Respectfully submitted,
Jeff Hanna
Secretary

Minutes of January 8, 2008 General Meeting

Meeting was called to order at 1902 hrs. by the President, W7TQJ. Following the Pledge of Allegiance, introductions were made.

Attendance: 56 of whom 45 signed in. Visitor W7FSX, Gene Harrelson was welcomed back.

Minutes: of December 4, 2008, on motion by K7CJW, second of K6VVR, were accepted as published.

Treasurer: AB7NK reports beginning balance of \$1525.40; ending balance of \$1546.11, and repeater fund balance of \$367.92. Report accepted as read.

COMMITTEE REPORTS:

ARES/RACES: WA6ZZJ thanked KA7JAS, N7CW, WB7RRQ & KE7KWH for attempts to reach & repair the 147.26+ repeater, although snowfall has so far restricted access to mountaintop. Sign-up sheet available for new Ragnar Del Sol foot race on Friday, February 27. Next training scheduled on Sat. Feb. 7, 2009. Contact WA6ZZJ wa6zzj@cablone.net.

Newsletter: AC6AA emphasized e-mail receipt of newsletter is preferable; printed copies are only provided for those lacking e-mail capabilities.

IRLP: W7JLC reports system running & being used.

PIO: WB7RRQ requests submissions be sent to him, and he will disseminate to media contacts.

Patches: AB7NK has club patches and stickers available at nominal cost.

Shirts: are available through W6CCD for \$19.00 + call application. Contact w6ccd@arrl.net.

Badges: are available through WB6ODR. Contact lrsmith@cableone.net.

VE testing: AB7NK repeated schedule Feb. 21; March 14; April 4; May 30, 2009. ab7nk@arrl.net.

Classes: W7JLC reported on spring class schedule as distributed. Contact jscra@cableone.net.

School Groups: Granite Mountain: KB7TRE has new members as classes restart; 5-8 active; did demos for 6th grade. Recognized WB7UZV, Jim Ball, for gift of new HTs' to the Granite Mountain Middle School program at K7GMG. Bradshaw Mountain: No report.

Elmer: KA7JAS reports everything is fine.

Refreshments: K6UWV says there are some, actually lots, enjoy and please recycle cans.

Young Hams Net: KI6AHH says check-ins are growing. Sunday 7:00 pm 147.22+ (162.2 pl).

Programs: KE7DTR solicited program ideas from membership. Your expertise and ideas are needed. Contact KE7DTR at richbozeat@cableone.net and/or N6LSA mgriz@commspeed.net.

Field Day: WA6ZZJ has submitted forms to secure Watson Lake location.

OLD BUSINESS:

After Christmas Party: reservations for January 17 event have closed. Will be great fun and fellowship.

Awards: On behalf of the membership, the President, W7TQJ presented Certificates of Appreciation to the following:

W7JLC, Jack Crabtree, for Classes, IRLP capabilities & youth services;

KE7NAP, Ellis Rackoff, for implementing & coordinating mentoring program;

AB7NK, Mary Vince, for VE Team coordination & school club assistance;

AC6AA, Joe Oliver, for superb monthly newsletter;

WA6ZZJ, Lloyd Halgunseth, for ARES/RACES coordination & leadership, public service & field day;

W5VJH, John Gross, for club picnic planning & coordination;

KC7MTY, Judy Rosevear, for post holiday party planning;

KB7TRE, Terry Pemberton, for serving as President 2007 & 2008, statehood day event & service to young hams and youth;

W5GBG, Barbara Gross, for club picnic planning & coordination;

WB9VGJ, John Broughton, for serving on Board of Directors 2007 & 2008;

WB7RRQ, Bob Rosevear, post holiday party planning, Prescott road rally & Hamfest cook;

K7DUC, Pat Oliver, for contributions to newsletter;

N0DAJ, Doug Jarmuth, for ARES/RACES contributions;

W6CCD, Richard Hughes, for coordinating club shirts & newsletter articles;

K7GST, Buz Mills, for hosting K7NRA event station & activities;

KD7VBG, Patti Halgunseth, for serv-

ing as Treasurer 2007 & 2008, Hamfest & field day contributions;

KI6AHH, Tony Jackson, for work with young hams;

K6UWV, David Passell, for coordinating meeting refreshments;

KA7JAS, Neil Vince, for service to club, community & youth.

Following repeated applause, it was noted that we enjoy a vibrant and active club because of everyone's' willingness to participate.

W7JLC rose to thank KA7JAS & WB7UZV for assisting KE7WOM to install an HF station.

KE7KWH reports WB6ODR is now using a bone growth stimulator and is seeing improvement.

NEW BUSINESS:

Life Member: Brought by committee and approved by the Board of Directors: In recognition of outstanding and tireless duty to the Ham Community, Yavapai Amateur Radio Club, and Public, the honor of Lifetime Member is conferred to KA7JAS, Neil Vince. Standing ovation.

CW Net: Request from K6VVR & WB7UZV to move the slow speed code practice net onto the club repeater. Can address the issues of modulated FM and time-out timer; proposes 7:30-7:45 pm start time on Sunday evenings and expand to a weekday as well. Consensus of membership is approval.

Fox hunts: K6VVR reports following interest shown at annual picnic, he is constructing a suitable hidden transmitter that will be available for scheduled hunts. Perhaps quarterly at first. First to locate would be responsible to hide for next hunt; is a great social event and way to interest non-hams and newcomers besides

being functional practice. Will report progress. There was much interest expressed.

Statehood Day: KB7TRE will again lead activity on Saturday, February 14, 2009 at Sharlot Hall, adjacent to the Morris Udall Telegraphy display from 9:00 am to 3:00pm. Special event call sign K7A has been secured. Is a great Public demo and garners youth involvement. All are encouraged to visit or assist anytime during the operation.


Tonight's Program: Empire on the Air (History of Radio), a Ken Burns documentary video, Part one.

50/50 Drawing: of \$54.00 was won by KD7YEG.

On motion of K6UWV, second by K6VVR, the meeting was adjourned at 1950 hrs.

Jeff Hanna, WB7RFY

YARC Secretary



Programs

- February's Program will be the second half of Ken Burn's video "**Empire of the Air: The Men Who Made Radio**".


This documentary examines the lives of three extraordinary men who shared the primary responsibility for this invention and its early success. It is the story of Lee de Forest, Edwin Armstrong, and David Sarnoff. The first half of this video was shown at our last meeting and was quite entertaining.

- March's Program Speaker will be Bud Semon, N7CW. His topic will be "**An Introduction to QSLing**".

Membership Count:

1st Thurs. in Dec.....	158
Gain/Loss.....	- 2
1st Thurs. in Jan.....	156*

* Includes 17 3-Month Memberships




THE IMPORTANCE OF ARRL MEMBERSHIP

The Yavapai Amateur Radio Club is an ARRL affiliated club, and as such, our membership roster must have a minimum of 51 percent ARRL members. Therefore it is important we maintain this requirement to remain an ARRL affiliated club.

If you are not presently a member of the ARRL, or if your membership has lapsed for more than two years, there is a good way to join the ARRL and benefit our club as well.

ARRL Membership Application forms can be obtained from the YARC web site: <http://www.w7yrc.org/>. or ask our Treasurer for a Special ARRL Club Membership Application.

Complete the Application and return it to the Treasurer with the application fee.

There is no extra cost to you, and our club gets to retain a portion of the dues. ■

Upcoming Events



- February 5, 2009 - YARC Meeting
- February 7, 2009 - ARES/RACES Training Meeting
- February 10, 2009 - VE Meeting at AB7NK's QTH
- February 14, 2009 - Statehood Day at Sharlot Hall
- February 14, 2009 - Amateur Radio Technician License Class
- February 27 & 28, 2008 - Ragnar Del Sol Relay Race
- February 28 & March 7, 2009 - Amateur Radio General Class License Class
- March 21 & 28, 2009 - Amateur Radio Extra Class License Class
- April 25, 2009 - Whiskey Off Road 2009
- May 2, 2009 - Whiskey Row Marathon
- May 30, 2009 - Annual Prescott Hamfest



YARC Post Holiday Party was a Great Success

This year's Post Holiday Party at St. Michael's Hotel was another successful event. Eighty Four people attended. Everything was well organized, thanks to the efforts of many members, and especially to the Rosevears --Judy, KC7MTY and Bob, WB7RRQ, for arranging the booking and setup for this dinner party.

Prior to the dinner, there was plenty of time to socialize as members gathered for the occasion.

Table decorations were created by Ingrid Schumann. Every table had a clever centerpiece and place cards showing each person's seat as well as his or her entrée of choice. One person from each table took home the centerpiece -- the winner determined by finding a dot on the back of his/her chair.

St. Michael's staff provided great service and their meals were really delicious.

Karen and Ron Sampson provided background music, with Ron playing various saxophones and accompanied by Karen on the keyboard.

After dessert was served, Bob, W7TQJ presented a "Life Time Membership" award plaque to Neil, KA7JAS for his service to the club, to the community and to the youth of our area.

Following the award presentation, Bob was joined by Judy, KC7MTY at the podium to help with the drawing of names for prizes. Each person attending received one of the many prizes that were neatly gift wrapped and displayed on tables.

A special thanks to Mary Vince for preparing the drawing tickets and especially for the efforts of John and Mary Broughton, Tom and Gail Griswold, Ken and Lorraine Severance, Ron Ross, Judy Rosevear, and Ingrid Schumann, for shopping and wrapping all the prizes.

For more photos, go to John, WB9VGJ's website -- <http://tinyurl.com/7br7qq> and Joan, AB7KE's website -- <http://tinyurl.com/6vxpse>. ■



A Good Turnout -- Waiting for Dinner



Ron and Karen Sampson Playing Sax and Keyboard



President Bob, W7TQJ with Judy, KC7MTY



By Lloyd, WA6ZZJ

ARES/RACES....

TRAINING MEETING SATURDAY, FEBRUARY 7, 2009.....

The first training meeting of the year will be held at the Yavapai County Public Works Ready Room (also the Yavapai County Emergency Operations Center) located at 1100 Commerce Dr. in northeast Prescott. The location is just across the street from the Motor Vehicle Department. The meeting will be from 0900 until approximately noon.

It appears there is going to be several new members and some prospective new members that will be attending this meeting. In looking back at the SET Exercise in November there are still areas we could use improvement so this meeting will cover several topics.

- The first presentation will be a quick look at ARES/RACES and just who we are and what we do. This will be good orientation for the new folks and a good refresher for the seasoned members.
- There will be a section on the forms we will be using (yes we will always have paper work). Message Form (both the County message form and the ICS-213), using our Communications Log (IC-309), the Mobilization/Demobilization Log. There will be copies of the forms available for members to interact with and fill out as we go along.
- There will be a section on equipment for emergency communications. Portable, handheld, etc.. Which equipment is the best to use under different circumstances. Some of the long time members can share their ideas with our new members.
- There will be a segment on portable antennas for emergency communications use and have the members who have built some bring them in for all to see.
- More may be added as time gets nearer.

This is not just a training meeting intended for our newer members. We can all use a good refresher course to upgrade our skills in message handling and emergency communications. All amateurs, whether members or not, are invited to attend.

SPECIAL EVENT COMMUNICATIONS.....

Ragnar Del Sol

We have been asked by the Maricopa County Emergency Communication Group (MCECG) to provide assistance with communications for the Ragnar Del Sol Relay Race on Friday, February 27th & 28th. This event is a 182 mile, 36 leg foot relay event running over two days.

Due to the length, both in time and distance, for this event communication is divided into 6 teams. Prescott's involvement will be Alpha Team which is the first six legs of the race on Friday, February 27th. The race starts at Watson Lake Park in Prescott and ends in Mesa. Our coverage area will be from Prescott to Kirkland with the route going out Iron Springs Road.

Our communication objective will be much the same as the Prescott Road Rally with the runners having staggered starts except we will be tracking runners instead of cars to make sure that all are accounted for. This event will also go on into the night so it will be all the more important for them to have our services. Starting times will range from 0600 at the Start to 1200 at Exchange 6 in Kirkland. Finish times will range from 1700 to 2300.

I have turned the list of people who have signed up in to the MCECG coordinators. If you have not signed up, please do so at the February YARC meeting and I will put your name on a backup list in case we have people who have to cancel their participation.

Whiskey Off Road 2009

The Whiskey Off Road mountain bike event appears to be the next event for this year. According to their website it is scheduled for Saturday, April 25, 2009. I hope to have more information on this event soon so I can begin taking sign-ups.

Whiskey Row Marathon

The running of the 31st Whiskey Row Marathon will be on Saturday, May 2, 2009. Sign-up for this event will begin at the March YARC meeting. ■

Yavapai Amateur Radio Club
Treasurer's Summary January 2009

By Mary Vince, AB7NK

Income

* Membership Renewals	15@18.00	\$270.00
Repeater Fund (Renewals)	15@ 2.00	30.00
Repeater Fund		27.00
Fifty-fifty		108.00
ARRL - Renewals		83.00
Post Holiday Luncheon		<u>1,956.80</u>
Total Income		\$2,474.80

Expenses

Ck # 1054	K6UWV	David Passell	Refreshment	\$ 37.68
Ck # 1055	KB7TRE	Terry Pemberton	Coffee	6.30
Cash	KD7YEG	David Morrow	50/50	54.00
Ck #1056		ARRL (Renewal)	AC6AA K7DUC KE7DTR	76.00
Ck #1057		Allegra	Newsletter	27.49
Ck #1058	N7NRE	Mike Campbell	NRA certs	60.00
Ck #1059		St Michaels Hotel	Post Holiday Bal	1,435.80
Ck #1060		Ron & Karen Sampson	Entertainment	<u>100.00</u>
			Total Expenses	\$1,797.27

Beginning Balance 12/15/08	\$1,546.11
Income	<u>2,474.80</u>
Sub total	4,020.91
Expenses	(1,797.27)
Repeater Fund	(424.92)
Ending Balance 1/20/09	1,798.72
Net Income	\$ 252.61

Does This Look Familiar?



This gigantic antenna system called Duga-3 is located near Prypiat in the Chernobyl area. It was built in the 70's as an early missile detection system (over-the-horizon radar system). It was also called the "Steel Yard" hence its distinctive appearance. The antenna was deactivated in 1989.

The "Russian Woodpecker" was a notorious Soviet signal that could be heard on the shortwave radio bands worldwide between July 1976 and December 1989. It sounded like a sharp, repetitive tapping noise, at 10 Hz, giving rise to the "Woodpecker" name. The random frequency disrupted legitimate broadcast, amateur radio, and utility transmissions and resulted in thousands of complaints by many countries worldwide.

Starting in 1976 a new and powerful radio signal was detected worldwide, and quickly dubbed the "Woodpecker" by amateur radio operators.

Transmission power on some woodpecker transmitters was estimated to be as high as 10 MW EIRP. As well as disrupting shortwave amateur radio and broadcasting it could sometimes be heard over telephone circuits due to the strength of the signals. This led to a thriving industry of "Woodpecker filters" and noise blankers. ■

Reprinted from ArtificialOwl -- <http://www.artificialowl.net>

For great pictures of this "Steel Giant," see: <http://www.englishrussia.com/?p=1882>

Get Out of the Car

(This is supposedly a true account recorded in the Police Log of Sarasota, Florida.)

An elderly Florida lady did her shopping and, upon returning to her car, found four males in the act of leaving with her vehicle.

She dropped her shopping bags and drew her handgun, proceeding to scream at the top of her lungs, "I have a gun, and I know how to use it! Get out of the car!"

The four men didn't wait for a second threat. They got out and ran like mad.

The lady, somewhat shaken, then proceeded to load her shopping bags into the back of the car and got into the driver's seat. She was so shaken that she could not get her key into the ignition.

She tried and tried, and then she realized why. It was for the same reason she had wondered why there was a football, a Frisbee and two 12-packs of beer in the front seat.

A few minutes later, she found her own car parked four or five spaces farther down.

She loaded her bags into the car

and drove to the police station to report her mistake.

The sergeant to whom she told the story couldn't stop laughing.

He pointed to the other end of the counter, where four pale men were reporting a car jacking by a mad, elderly woman described as white, less than five feet tall, glasses, curly white hair, and carrying a handgun.

No charges were filed.

Moral of the story? If you are going to have a senior moment....make it memorable. ■

Upcoming VE events

by Mary Vince – AB7NK

VE Meeting

Tuesday February 10, 2009

9:00 A.M.

My house – Coffee & goodies to be served

This meeting is especially important for all new members to the Prescott VE team. We'll be going over the policies and procedures that this team has drawn up. If anyone has any suggestions or ideas that you feel would work better, please let me know by Feb. 1st. Please let me know if you'll be able to attend.

Mark your calendars

Test Dates

Embry Riddle University

3700 Willowcreek Rd

AXFAB – Aerospace Experimentation & Fabrication Bldg

Bldg #75, Rooms 103 & 104

This building is directly across from the one we normally use for testing.

Saturday February 21, 2009

Saturday March 14, 2009

Saturday April 4, 2009

All test sessions will begin at 9:00 A.M.

Prescott Hamfest

Saturday May 30, 2009 – 9:00 A.M.

Granite Mtn Middle School

1800 Williamson Valley Rd

Room #404

An Old Story

Submitted by Bob Sitterley K7POF

Here is a old story most of you may have already seen.

Dear sir,

I am writing in response to your request for additional information for block number 3 of the accident reporting form.

I put "lost presence of mind" as the cause of my accident. You said in your letter that I should explain more fully and I trust the following detail will be sufficient.

I am an amateur radio operator and on the day of the accident, I was working alone on the top section of my new 80 foot tower. When I had completed my work, I discovered that I had, over the course of several trips up the tower, brought up about 250 pounds of tools and spare hardware. Rather than carry the now unneeded tools and material down by hand, I decided to lower the items down in a small barrel by using a pulley, which fortunately was attached to the gin pole at the top of the tower.

Securing the rope at ground level, I went to the top of the tower and loaded the tools and material into the barrel. Then I went back to the ground and untied the rope, holding it tightly to insure a slow descent of the 250 pound barrel of tools and materials.

You will note in block number 11 of the accident reporting form, that I weigh 145 pounds. Due to my surprise of being jerked off the ground so suddenly, I lost my presence of mind and forgot to let go of the rope.

Needless to say, I proceeded at a rather rapid rate of speed up the side of the tower. In the vicinity of the 40 foot level, I met the barrel coming down. This explains my skull fracture, facial lacerations and broken collarbone.

Slowed only slightly, I continued my rapid ascent, not stopping until the fingers of my right hand were two knuckles deep into the pulley.

Fortunately, by this time, I had regained my presence of mind and was able to hold onto the rope in spite of my pain.

At approximately the same time, however, the barrel of tools and materials hit the ground and the bottom fell out of the barrel.

Devoid of the weight of the tools and materials, the barrel now weighed approximately 25 pounds. I refer you

again to my weight in block number 11.

As you might imagine, I began a rapid descent down the side of the tower. In the vicinity of the 40 foot level, I met the barrel coming up. This accounts for the two fractured ankles and the lacerations of my legs and lower body.

The encounter with the barrel slowed me enough to lessen my injuries when I fell onto the pile of tools and fortunately, only three vertebrae were cracked.

I am sorry to report, however, that as I lay there on the tools, in pain, unable to stand and watching the empty barrel 80 feet above me ...

I again lost my presence of mind. I let go of the rope. ■

Testing Your Knowledge

1. The scientist who first observed sunspots and lost vision by staring at the sun:
 - A. Edison
 - B. Galileo
 - C. DaVinci
 - D. Marconi
2. Why is the lowest ionosphere layer to affect radio propagation in North America the D layer?:
 - A. The A,B, and C layer occur only over the poles.
 - B. The A, B, and C layers are too thin to affect HF.
 - C. The D layer is actually the lowest layer.
 - D. The A, B, and C layers occur only during atmospheric disturbances.
3. The radio operator aboard the Titanic sent SOS along with an older distress call:
 - A. Help
 - B. CQD
 - C. QRZ
 - D. QCK

Answers:

1: A

2: C So why did they not name it the A layer? When it was named, the scientists were not sure that it was the lowest layer; they reserved A,B, and C in the event lower layers were discovered.

3: B CQ meant calling any station and the D meant "distress or danger". ■

Official Observer Report

By Bob Sitterley, K7POF

At a recent meeting there was some discussion about OO reports. Most of us have had OO reports -- hopefully just a slap on the hand.

Several years ago I received this one that I thought I would share. Apparently this OO listens to groups and sends these out from time to time. 3 from our group that I know of received them. ■

Good Operator Report

Radio: K7POF _____, your call was heard ^{calling} KE4TOR at 16:10 UTC.
_{working}

Date: 08-20 ~~2000~~ Frequency 18.153 kHz. Mode USB. Your RST 5x8.

We thought you would like to know . . .

That this Official Observer has noted your EXCELLENT radio signal quality/operating procedure as a fine example for all radio amateurs.

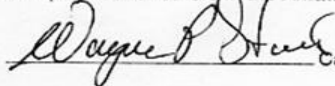
Remarks: ~~Your QSO was a fine example of amateur radio use.~~ Good operators make the hobby enjoyable for

us all. Spread the word! 73.

This observation by the undersigned ARRL Official Observer is a function of the Amateur Auxiliary to the FCC's Compliance and Information Bureau. This Observer thanks you for your excellent example of good amateur practice for others in the Amateur Radio Service. Keep up the good work.

FSD-15(3/95)

Signature

 Call WS8RM

Amateur Radio License Class Series Announcement

Yavapai County Amateur Radio Clubs are happy to announce another series of free Amateur Radio License courses to be held on Saturdays in February and March of 2009. Each course will consist of an intensive one day (Technician) or two day (General and Extra) session(s) that will cover the material required to pass the FCC license exam for that class of license. License exams will be conducted by area Volunteer Examiners on a subsequent Saturday after each course.

The location for all classes and license exam sessions will be at Embry-Riddle Aeronautical University (ERAU), room 103 of the Aerospace Experimentation and Fabrication Building (Building 75-AXFAB), 3700 Willow Creek Road, Prescott, Arizona.

These license classes are sponsored by the ERAU Eagle Amateur Radio Club, the Verde Valley Amateur Radio Association and the Yavapai Amateur Radio Club.

There is no cost for the courses.

Recommended, but optional text books for each course will be the ARRL License Manual series. A quantity buy discount will make the manuals available for \$20.00 (normally \$24.95). Note the ordering deadline for each class of manual below. Textbook details are available from www.arrl.org.

Technician Class- Date: February 14, 2009, 8:00 A.M. to 4:30 P.M.

Textbook: The ARRL Ham Radio License Manual, 1st edition, 2006

Order deadline: February 3, 2009

General Class- Dates: February 28 and March 7, 2009, 8:00 A.M. to 4:30 P.M.

Textbook: The ARRL General Class License Manual, 6th edition, 2007

Order deadline: February 17, 2009

Extra Class- Dates: March 21 and March 28, 2009, 8:00 A.M. to 4:30 P.M.

Textbook: The ARRL Extra Class License Manual, 9th edition, 2008

Order deadline: March 10, 2009

Exams for all license classes will be conducted on February 21, March 14, and April 4. The cost of the license exam is \$15.00. All exam sessions will be held at 9:00 A.M. at the same ERAU location as described above. Additional details of the exam will be made available to those attending the class(es).

Registration for each class is requested. You may register for any or all of these classes by sending an email to the address below. You will be placed on an email list, which will be used to disseminate further information, campus maps, and updates.

Jack Crabtree, W7JLC

Volunteer Instructor Coordinator

Prescott, AZ

928-771-2344

jskra@cablone.net

Testing Only information:

AB7NK@arrl.net

Weekly Breakfasts



Tues. Morning Breakfast:

7:00 a.m. at

Back Burner Cafe

8400 E. Long Mesa Drive
& N. Robert Road
Informal – all are invited.

Wed. Morning Breakfasts:

7:00 a.m. at

Iron Horse Restaurant

(Hwy 89 in Chino Valley)
(N 34°43'56.5" W112°27'15.4")*
informal – all are invited

8:00 a.m.

Masonic Lodge

(1280 Willow Creek Road,
2nd Floor; above Bank of America)
informal – all are invited

* Location data (per WGS84) provided
by Fred Zimmermann, N7PJM

Area Repeaters

Frequency	PL	Location	Owner/Club	Auto-Patch	Rem. BaseOr Linked	Vo IP	Notes:
52.560-	100.0	Mt. Union	N7NGM			Echo	-500KHz Offset
53.040-	None	Prescott Airport	WB7BYV				-1MHz Offset
145.290-	127.3	Mingus Mtn.	ARES/RACES				
146.780-	91.5	Williams Mtn.	BWARC			IRLP	
146.880-	100.0	Prescott	YARC				
146.980-	162.2	Flagstaff	CARC				
147.000+	162.2	Mingus Mtn	MMRG				
147.040+	100.0	Prescott Heights	W2YAV				
147.140+	162.2	Flagstaff/-Mt. Elden	ARA		Linked to Mt. Ord 147.360-		
147.220+	162.2	Mingus Mtn	VVARA				
147.260+	103.5	Mt. Union	ARES/RACES				
224.080-	156.7	Mt. Union	WA7JC				
442.150+	100.0	Mingus Mtn	W1OQ/Northlink				
442.350+	100.0	Glassford Hill	N7KPU			IRLP	
445.300-	100.0	Prescott	WINSYSTEM		Node 3727	IRLP	
448.475-	100.0	Flagstaff-Elden	ARA	Yes			
448.500-	100.0	Prescott	K6JSI				
448.875-	100.0	Flagstaff-Elden	Northlink		Linked		
449.175-	100.0	Towers Mountain	Northlink		Linked		
449.675-	88.50	Prescott Airport	WB7BYV		Linked to P Mtn. 927.3875		
927.3875-	151.4	Prescott	WB7BYV	Yes	Yes	Echo	Be Nice

Y.A.R.C. IRLP NODE
Node Number 3182
442.350+ MHz with a
PL Tone of 100.0 Hz

For more Repeater Information & Listings refer to:

- www.w7ara.org/Web/
- www.azrepeaters.net
- www.azfreqcoord.org/listings.htm

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

