



# YAVAPAI SIGNAL



The Yavapai Amateur Radio Club • Prescott, Arizona • DM-34 • Volume 21 – No. 2 • February 2006

## From the Desk of the President



YARC is embarking on another year. I am hopeful 2006 will be even better than 2005. Thanks to Bob, WB6ODR, we'll have license classes this year.

Chuck, K7QO, did a fantastic job in 2005, but his schedule for 2006 won't allow him to teach any classes. By the time you read this, we'll have had our post holiday party. Based on the interest shown in it, I expect it to be well attended.

With the results of the 2005 survey Joe, AC6AA, conducted, we have some data on interests of members of the club. One result from this is it looks like there will be a club picnic this year. There seemed to be sufficient interest for it on the survey and with a show of hands at the January meeting. Mike Paget, KD7DGT, informed me that the Jeep Posse facility could be made available for a picnic. This would seem to be an excellent location. The board will be looking at the survey data to help determine areas where YARC could focus on in order to make the club more interesting.

If you have e-mail capabilities, you received an e-mail regarding an Arizona Senate bill coming up this session that will require two license plates on motor vehicles, except motorcycles, trailers and semis. Hams were being asked to contact their senator to urge a change to the bill to get rid of the \$25.00 vanity plate fee for amateur call sign plates. As it turns out, there is some history and some politics behind such a request, which has been made in the past, as well as to the initial reason call sign plates were considered vanity plates and subject to the

\$25.00 fee. The Amateur Radio Council of Arizona (ARCA), <http://www.arca-az.org/arca/>, to which YARC belongs, is involved in this issue. It seems the best way member clubs can be kept up to date on ARCA activities officially is by having a club delegate. Bob, WB6ODR, has volunteered to be the YARC delegate to ARCA. Thank you Bob!

I'm looking forward to a busy year for public service and emergency communications activities. The club may be participating in a local parade or two. We will be invited again to have a booth at the Prescott Valley World Arts Festival, and it is likely we'll be called upon to provide communications for the Groom Creek Run for the Red. We participated in both of these events for the first time in 2005. If we participate in our normal events during the year, we will, indeed, be busy. I encourage all members, especially newer ones, to consider participating in these events. It is a lot of fun and good practice for honing our emergency communications skills.

73, John, WB9VGJ

YARC Officers for 2006	
<b>President</b>	<b>Vice President</b>
John Broughton, WB9VGJ wb9vgj@arrl.org	Dick Hughes, W6CCD w6ccd@arrl.net
<b>Secretary</b>	<b>Treasurer</b>
Pat Oliver, K7DUC joliver@commspeed.net	David Passell, K6UWV davidrex@northlink.com
<b>YARC Board of Directors (includes Club Officers)</b>	
Rex Mauldin – N7NGM	
Ken Severance – WA6AQK	
Richard Bozeat – KE7DTR	
Walter Schumann – KF6SPS	
<b>Newsletter Editor:</b> 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. 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 1/2 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 local 146.880- repeater is the official adopted repeater for the YARC. It is located on the hill above Willow Creek road 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.

Many thanks to Bill Kafka, W2YAV ■



## 2006 Board Members

From Left to Right:

**Ken, WA6AQK—Director**

**Walt, KF6SPS— Director**

**David, K6UWV—Treasurer**

**Pat, K7DUC — Secretary**

**John, WB9VGJ—President**

**Dick, W6CCD — Vice-President**

**Richard, KE7DTR — Director**

**Rex, N7NGM — Director**

### Minutes of January 5, 2006 General Meeting



John, WB9VGJ called the meeting to order at 1905. The Pledge of Allegiance was recited and members introduced themselves.

**Visitors:** Michael Nesmith, NP2LY;

Vi Hughes; Lois Diddams; Tony Jackson, KI6AHH; Marty Goyette, KF6BTV; and Ruth Collins.

**New Members:** John Gross, W5VJH; Peter Hasnik, KE7FMJ; Dan Nichols, W6SAK; Jeff Hanna, WB7RFY, and Jim Zimmerman, N6KZ were voted into the club by a motion made by Tom, W2JKG and seconded by Ken, WA6AQK.

**Meeting Minutes:** A motion to approve the Board minutes of December 1, 2005 Board was made by Jack, KE7FMD and seconded by Ken, WA6AQK. A motion to approve the General meeting minutes was made by Ken, WA6AQK and seconded by Jim, N5RO. Both were unanimously approved by membership.

**Treasurer's Report:** Dave, K6UWV reported a balance of \$2447.66. The report was approved after it was moved by Bob, WB6ODR and seconded by

Lloyd, WA6ZZJ.

#### Committee Reports:

• **ARES/RACES/Public Service events:** Lloyd, WA6ZZJ reported that the first ARES/RACES training meeting will be held on Saturday, Feb. 4 at the County Public Works Ready Room. The Mingus Mountain repeater is operational as of Dec. 10<sup>th</sup>. We will participate in the Whiskey Row Marathon on Saturday, May 6<sup>th</sup> and will need 18-20 people for that event. The VVARA meeting will be held Wed., January 25<sup>th</sup> at the Cottonwood Public Safety building.

• **Newsletter:** Joe, AC6AA reported that 12 people contributed to the newsletter this month.

• **IRLP:** Jack, W7JLC reported that the club's IRLP needs to get a fair amount of use and is working out well. Rex, N7NGM will be writing articles on the IRLP node for the newsletter.

• **Patches/Badges/Shirts:** Dave, K6UWV has club patches for \$3.00; Bob, WB6ODR has badges for \$5.60, and Dick, W6CCD can order regular club shirts for \$19.00 without the member's name. Names can be silk-screened on the shirt by the member for an additional \$1.00.

• **License Class:** Chuck, K7QO will not be available to teach the license class in 2006, but has offered his

teaching aids to anyone teaching the class. Discussion was held as to the possible teacher. Bob, WB6ODR offered to teach the class and John was going to search for a helper. If we cannot have the Jeep Posse room for the class, Terry, KB7TRE has offered his classroom. Times will be worked out.

• **Post-Holiday Party:** Bob, WB7RRQ reported that the dinner will be held January 21<sup>st</sup>. He also reported on the road rally and passed out pictures of the event to the membership.

#### Old Business:

• **Club Survey Results:** John presented the results of the 2005 survey. We will be looking at Field Day to possibly give VVARA more assistance. Interest was shown on reviving the club picnic. License classes were felt to be very important. Much interest was shown in being a VE, making kits to earn money for the club, ARES/RACES, HF, and IRLP. We will be looking for ways to address the high-interest areas in the coming months.

#### New Business:

• **Certificates of Appreciation:** were given to the retiring board members and members contributing greatly to the club.

• **Members Welcome at Board Meetings:** John said that if members wish to attend, they might as observers. Guidelines will be drawn up.

• **Newsletter Advertising:** We would have to look into the legalities of this. Our club does not need more money at this time and, as of now, we have more than enough to fill the newsletter.

• **Enter Local Parades:** John asked the membership if there was interest. The board felt that we could afford the entry fees at present, but who would drive the ARES/RACES van and participate. There did seem to be interest, and we will look into it for future action. County Fair entry problems will be looked into by Doug, KV8TD and Rex, N7NGM.

• **Joint YARC/WVARA Meeting:** John, WB9VGJ spoke to Bob, K8EQC regarding a joint board meeting to discuss ways that the two clubs could work together. It was thought to be a good idea and they will pursue a meeting time and date.

• **FM Simplex Contest:** This might be a good idea to pursue to get new techs more air experience. Bob, WA7YUL will explore this further and will bring it to next meeting.

• **Membership:** Jim, N7KPU will be given a year's membership in thanks for allowing us to link the IRLP.

• **Public Information:** Jim, N5RO asked for us to listen to public service announcements that are being submitted to local radio stations.

#### Announcements:

• **Programs:** The programs for the next 3 months were announced.

A motion was made by Tom, W2JKG and seconded by Doug, KV8TD to adjourn the business portion of the meeting at 2007. The motion carried and there was a break for refreshments.

**Drawing:** Jim, N5RO won \$22.00 in the 50/50 drawing.

**Program:** Doug, KV8TD and John, WB9VGJ gave very informative programs on Chasing DX and Paper Chasing.

Respectfully submitted,

Pat Oliver, K7DUC

Secretary ■

### Minutes of Board Meeting on December 1, 2005

A Board meeting was held at 1815 on January 5, 2006. Present were John, WB9VGJ; Pat, K7DUC; Dave, K6UWV; Dick, W6CCD; Richard, KE7DTR; Rex, N7NGM, Ken, WA6AQK, and Walter, KF6SPS.

The results of the club survey were passed around for the board members to see. Joe, AC6AA was thanked for compiling the results. The data was transferred to slides for showing and discussion at the general meeting for possible input of ideas.

The party prizes were discussed. Rex, N7NGM stated possible plans to find prizes. It was decided that \$150 would be appropriate for this years budget.

Jim Ogden, N7KPU, has allowed us to hookup the IRLP to his repeater. It was decided to give him a free membership to thank him. A letter will be sent to him to this effect. In the future, if the repeater is damaged by weather, the club would discuss helping to defray the cost of repair.

We have a request from a scanner club to advertise in the Yavapai Signal on a free basis. It was discussed and decided to look into the legality of advertising and the possibility of charging. Space was felt to be tight in the newsletter at this point. Although Joe, AC6AA has added two pages, some things were left out in order to get other articles in. It was decided to table the matter for later.

A letter was received asking about the possibility of YARC entering local parades to raise awareness of the club and hobby. The ARES/RACES communications van would be available if a qualified driver was available and we could have one or two cars with our banner with members following. Entry fees were about \$20.00 per parade. Several parades were discussed. The possibility of having an area in the County Fair also was discussed, but was thought to have a problem with staffing, due to length of time. It was decided to bring this up to the

membership for discussion and input.

Chuck, K7QO will not be available to teach any classes in 2006. We need these classes to continue, and possible teachers and helpers were discussed. Jack, W7JLC is considering teaching. Doug, KB6TWC may be able to help. It was decided to bring the discussion to the membership for input. If we are not able to get the Jeep Posse building for the class, Terry, KB7TRE has offered his classroom as a possibility.

A couple of members have requested to be allowed to attend board meetings. It was thought that the members should be observers only. They would be allowed to ask questions after the meeting was completed. Executive sessions would be held when matters of a sensitive nature were discussed, in which case, members would be asked to leave. Dick, W6CCD will draw up guidelines to address members attending Board Meetings.

It was suggested that there should be a joint board meeting between YARC and WVARA. It was thought to be a good idea. John, WB9VGJ and the president of the WVARA would discuss the particulars.

Club dues were discussed and it was decided to keep them as they are. All board members requested current rosters and they will be provided.

The meeting adjourned at 1855.

Respectfully,

Pat, K7DUC — Secretary ■

A rectangular sign with a white background and a black border. The words "For Sale" are written in a large, bold, red font with a black outline.

Kenwood TM-G707A Dual  
Band mobile transceiver.

**\$200.00** Bob Smith WB6ODR  
Call: 443-9321

## Radio Nostalgia Stories Part 3

by Paul, N6DMV

Paul is president of the International Hungarian Amateur Radio Club with nearly 200 members in 19 countries. This series of articles relates his experience as a lad in Hungary, with stories involving radio during and after World War II.

### Growing Up in Communism - The Scattered Set.

As World War II was nearing the end, I spent my days at the West side of Hungary in a small village near the Austrian border. As the Germans were pushed out of the country, the Russian troops took over. We were now under another dictatorship: Communism. The first thing they did was to confiscate all radios. We were not entitled to news any more. Also, it was declared that if anybody is found in the possession of a radio, they will be immediately executed on the spot! This last sentence immediately prompted me to look around to find another radio - I like challenges - ours was taken.

On the top of a large bad-smelling garbage dump, I saw something which could be construed as an executed radio set. The wooden housing was in shreds; looked like a bomb had hit it. I think somebody got furious of the new rules and hacked his radio to smithereens, rather than surrendering it to the Communists. The inner guts were strewn all over the dump. I carefully collected all parts which could be found and headed for home. Fortunately, the main parts and three of the five vacuum tubes were in one piece, along with the loudspeaker. I got out my soldering iron and simplified the set, bypassing some of the circuits of the broken tubes. And it worked. It worked good enough with a piece of short wire under the rug [to avoid detection] to be able to hear the German State radio network announcement in German. A trembling female voice - with cannon fire in the background - announced: "This is the last transmission. The latest information is that Chancellor and Leader Adolf Hitler gave his life in the heroic defense of Berlin!" The last transmission and the last lie too, but we did not know that at the time. We all took a big breath - the war, finally, is now practically over! ■

## YARC TREASURER'S REPORT for January 2006

By David Passell, K6UWV Treasurer



### INCOME

#### New Members (see applications for additional information)

John Gross	W5VJH	01//07	01/05/06	cash	20.00
Peter Hasnik	KE7FMJ	01//07	lic. class grad.		nc
Jeffrey T. Hanna	WB7RFY	01//07	12/02/05	1174	20.00
Jim A. Zimmerman	N6KZ	01//07	01/03/06	cash	20.00

#### Renewals (Update Roster)

John Broughton	WB9VGJ	10//06	12/05/05	761	20.00
Jim Clark	N5RO	02//07	01/05/06	cash	20.00
Rose Clark	KE7DTY	02//07	spouse		nc
Richard Courtney	KE7DTX	05//06	01/05/06	cash	20.00
Richard L. Diddams	W7QHE	02//07	01/05/06	5 001	20.00
James Grimm	KD7RMV	10//06	12/07/05	2228	20.00
Richard A. Hughes	W6CCD	04//07	01/05/06	7028	20.00
Robert Ower	WA7YUL	02//07	01/05/06	cash	20.00
Michael Paget	KD7DGT	10//06	12/12/05	1690	20.00
Larry Smith	KE7BAI	10//06	12/08/05	1047	20.00
Richard Strick	N9CEX	01//07	01/05/06	cash	20.00

#### ARRL Renewals

Joe Oliver and XYL	AC6AA		01/05/06		44.00
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#### Other

Joe Oliver	Oscar Green	AB7YR	donated:		
Tuner and Mag Mount			12/05/05	1150	180.00
Amp., Transceiver, Code Reader & Microphone			12/31/05	1587	586.00
50/50 drawing		43 tickets	01/05/06	cash	43.00
Bob Smith	WB6ODR	T-shirt (special)	01/05/06	cash	15.00
<b>Total Income</b>					<b>\$1148.00</b>

### EXPENSES

Jim Clark	N5RO	50/50 winner	01/05/06	cash	22.00
David Passell		cookies	01/05/06	837	13.56
Dick Hughes		5 T shirts	1/05/06	838	92.64
ARRL		renewal	01/05/06	839	42.00
ARCA		club renewal	01/10/06	840	30.00
Insty Print		Jan. Newsletter	01/12/06	841	37.76
<b>Total Expenses</b>					<b>\$237.96</b>

**Cash Flow (Income - Expenses) .....\$910.04**

<b>Deposits</b>	12/30/05	\$ 80.00
	01/04/06	\$766.00
	01/09/06	\$236.00
	01/10/06	\$44.00

**Total Deposits.....\$1126.00**

**PREVIOUS REPORTED CHECKBOOK BALANCE.....\$2447.66**

**CURRENT CHECKBOOK BALANCE.....\$3357.70**

## This Month's Featured Hams — Mary, AB7NK & Neil, KA7JAS

By Pat Oliver, K7DUC



Mary, AB7NK at her Console



Neil, KA7JAS at his Station

February's featured Hams are Mary, AB7NK and Neil, KA7JAS Vince.

We first found the Vince's home by the antennas. There is a vertical, then a tower and another tower, and OK yes, there is one on its side on the ground. We have reached the home of a couple of Hams.

Mary got her first license in 1993 and Neil got his in 1980. Mary works mostly 2, 20, and 80 meters, while Neil works all bands from 160 meters to 70 cm. Mary doesn't participate in contests and Neil plays, but doesn't participate formally. About a month ago, he worked 300 stations in 4-5 hours on 10 meters. Although they have digital capabilities, Neil prefers other modes, while Mary prefers digital.

Mary's most memorable contact wasn't with a particular person, but rather the way the contact was made. She soldered a couple of alligator clips to a Budwig connector, and while out RVing, fastened them to a pair of crutches and stretched out a wire counterpoise. When she called CQ, two fellows came back, and gave her a Q5, S7-8 report. They didn't believe what she was using for an antenna. Next, she tried lawn chairs for an antenna...called CQ again and the same two fellows gave her an S9 report. Finally, she connected her radio to the awning of the RV, which resulted in everything going dead – it blew the circuit breaker in the RV!

Neil's most memorable contact was working his last county, making him the 825<sup>th</sup> person to work all 3076 counties. He also has had fun contacts, including Senator Goldwater and hams in Antarctica.

Mary dislikes CW, but Neil enjoys this mode. Mary has made an emergency antenna from TV twin lead, and Neil has made just about everything. Neil mainly fixes things now instead of building equipment.

Mary has been Assistant Emergency Coordinator twice in

ARES/RACES, and is now the Emergency Coordinator for this area. She is also the VE Coordinator for the area. Neil joins her both in ARES/RACES and as a VE. He also is one of our club's Technical Specialists.

Neil's most memorable mail comes in the form of special event certificates. He collects certificates such as Lewis & Clark, county fair, etc.

Mary is at home now, but she used to be the accounting manager for an insurance agency in Sun City and Sun City West. Neil currently works as an electronics technician for Wulfsberg, and has worked as an avionics technician for 25 years at Cutter Aviation.

Mary would like to see more club members join ARES/RACES and more members becoming Elmers to teach new hams. Neil feels that the club is now progressing well.

We were shown "Studio A", which is their main ham shack. Mary uses a huge "Neil-built" console with which she can operate on everything and anything. It was truly magnificent. Neil just reconfigured many things in the shack, including his operating position and work bench area. The shack was full of Collins and other types of equipment, including Neil's high school's Heathkit transmitter.

We next visited the "Hen House", another small building, where a variety of radios and test equipment were stored from floor to ceiling.

Finally, we visited their huge garage, which contained a large back room, "Studio B", that was filled with all sorts of interesting radio equipment. The main garage contained a multitude of parts, materials, and additional equipment stored and being worked on.

We are very fortunate to have two such valuable, active members, as the Vincens, in our club. ■



# YAVAPAI COUNTY ARES/RACES



By Lloyd, WA6ZZJ

- What is ARES/RACES and what do we do?

ARES, short for Amateur Radio Emergency Service and RACES, short for Radio Amateur Civil Emergency Service consists of Amateur Radio operators who have registered their stations and agree to participate in training and providing emergency or alternate communications, when conventional communications are not working or become inadequate.

We also use as training, in cooperation with the Yavapai Amateur Radio Club, providing public service communications for the Whiskey Row Marathon, America's Walk for Diabetes, Prescott Road Rally and other events.

Yavapai County ARES/RACES works directly with the Yavapai County Office of Emergency Management and coordinates closely with cities and towns, and other emergency organizations in the county.

- What are the requirements to be a part of ARES/RACES?

To belong to ARES/RACES one must complete a registration form. This registers you as a person and gives the local Emergency Coordinator an idea of your equipment capabilities, license class and other useful training and or resources which may be helpful in an emergency. This enables us to make appropriate assignment in an emergency, or even for training purposes. A willingness to participate in training and to make your station available to provide emergency communications for major events. Those events may include but not be limited to: fires, floods, severe weather and other public events where fire, police or emergency medical communications might be inadequate.

- How can I help ARES/RACES and what does it take for me to be of use in providing Emergency Communications?

It is very important, especially for new members, to participate in training. Without training there is confusion and disorganization. If we all start on the same page, with the same information, we can better and more effectively communicate the information our served agencies request. By becoming involved in training you add exponentially to your value as a communicator to our organization. Learning the art of message handling, net control duties, packet radio operation, how to set up an emergency communications station, antenna skills, etc. will increase your value to our team.

Secondly is the availability of good basic portable equipment. Equipment such as portable antennas, power back-up (like gel cells, deep cycle batteries and or generators), mobile or portable radios capable of more than just a few watts and a good 'go bag' (well stocked with pens, pencils, paper and many other personal items).

Thirdly is the motivation to serve the public good. We need people who can interface with any environment, paramilitary or civilian. Understanding the different kinds of environments is as important as having radios and being willing to help. Often our served agencies do not understand how we can provide communications that rivals the dependability of their systems.

In short, get all the training you can within your organization or outside (we highly recommend that everyone take at least the ARRL Level 1 EMCOMM Course). Have good working dependable equipment ready to go. Be motivated and versatile. Know our operating policies and be ready to go when called upon.

- When something happens how do I know where to report or what should I do?

As in many emergencies, a good way to find out if ARES/RACES is active is to LISTEN on our primary ARES/RACES repeater frequencies. The frequencies are 147.260 Mhz (Mt. Union) and 145.290 Mhz (Mingus Mt.). If for some reason either one or both of these repeaters are down, tune to the 146.880 Mhz or 147.220 Mhz repeater. 147.420 simplex is also a frequency we will use. A net is likely to be in progress or soon to start if the event is getting underway. ARES/RACES is activated any time the Yavapai County Emergency Operating Center is operational. If you are able to be deployed or assist in the event, first have your things together and be ready to go before getting on the net. Radios, antennas, masts, power sources, go bag, personal items, etc.. Make sure your vehicle is ready to go or that you have lined up transportation.

When you do check in, let net control know your call sign, what your basic equipment capabilities are, transportation limitations and the duration that you are available. An example would be as follows: W7ABC is the net control for the initial Resource/Logistics net and the person clearly in control of the frequency. Listen first for details! He will ask for stations that are available to check in and use them as he has assignments that need to be filled.

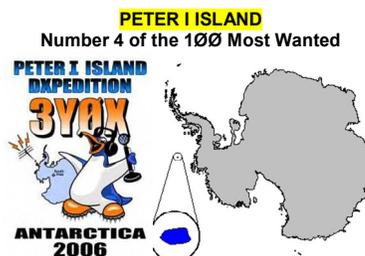
See **ARES/RACES**, Page 7

# CQ DX de YARC – FEBRUARY 2006

By Dick Diddams, W7QHE

DATE		DXCC ENTITY	CALL	QSL VIA	REPORTED BY	INFORMATION
START	END					
Now	2006 Feb28	Chad	TT8PK #97/100	F4EGS	F5NQL 20051130	By F4EGS; 20-10m, perhaps 40m; digital modes, perhaps SSB.
Now	2006 Mar06	Cambodia	XU7ADI #93/100	SM5GMZ	SM5GMZ 20050825	By SM5GMZ; HF + 6m; CW SSB PSK31 RTTY; spare time only.
Now	2006 Apr30	Gabon	TR8FC	F4BQO	F5BQL 20051229	By F4BQO; fm 1800z; 14190 21020 24900 kHz
Now	2006 Feb20	Belize	V31	Per Op Inst	425DXN 20060107	By DJ4KW DK9GG as V31YN (CW, focus on 160 80m)
Now	2006 Mar31	Kerguelen	FT5XP #43/100	Per Op Inst	425DXN 20060114	By TU5KG; sporadic operation fm land while sailing in the area
Now	2006 Feb18	Marquesas	FO #62/100	HA8IB	425DXN 20051231	By HA9RE fm Nuku Hiva (OC-027) and Ahe (OC-131); 160-10m
2006 Feb01	2006 Feb14	Austral Islands	FO/a #83/100	DL3APO	DL3APO 20060112	By DL1AWI DL5XU DL9AWI fm Raivavae (OC-114 FO-122)
2006 Feb01	2006 Apr05	Grenada	J37LR	VE3EBN	VE3EBN 20060119	By VE3EBN; 40-10m; RTTY PSK SSB CW
2006 Feb04	2006 Feb17	Senegal	6W	G3SWH	G4WFO 20051211	By G4WFO as 6W/G4WFO; 160-10m; mainly CW RTTY, some SSB
2006 Feb04	2006 Mar31	Crozet	FT5WK #14/100	Per Op Inst	425DXN 20060114	By TU5KG; sporadic operation fm land while sailing in the area
2006 Feb07	2006 Feb19	Peter I Island	3Y0X #4/100	N2OO	NG3K 20051209	By K0IR K4UEE FM5CD N6JRL W8MV; dates are tentative
2006 Feb13	2006 Feb20	Bahamas	C6	Home Call	425DXN 20060114	By N4BP (C6AKQ) K4PG (C6APG) W4OV (C6AOV) N8PR (C6AHR)
2006 Feb17	2006 Mar03	Guadeloupe	TO2FG	F6HMJ	OPDX 20060116	By F6HMJ; 80-10m; CW SSB RTTY; perhaps QRV fm La Desirade Is
2006 Feb19	2006 Feb28	Ogasawara	JD1 #95/100	Home Call	OPDX 20051114	By JI5USJ JI5RPT as JD1BLX and JD1BLY from Chichijima Is

## --- MONTHLY HIGHLIGHTS ---



**PETER I ISLAND**  
Number 4 of the 100 Most Wanted

Fabian von Bellingshausen discovered Peter I Island off West Antarctica on January 21, 1821. It takes its name after the Russian emperor Peter I.

Ola Olstad made the first successful landing on February 2, 1929 and claimed the island for Norway. The claim is suspended under the terms of the Antarctic Treaty, like the claims to any other territory south of 60°S. The other Antarctic territory claimed by Norway is Dronning Maud Land. Peter I Island is the only Antarctic claim area under the Antarctic Treaty that is not a sector like all the other areas claimed under the Antarctic Treaty.

The island has an area of 243 km<sup>2</sup> and reaches a height of 1755 metres on Lars Christensen Peak and is also a volcano. It is not known whether it is extinct or not, for the upper part is apparently unmodified by glaciation. It lies at 68° 50' South, 90° 35' West, approximately 450 km from the coast of West Antarctica. It is surrounded by pack ice except for a brief period in late summer, and is 95% glaciated.

The 2005 Most Wanted Countries – World-Wide “Weighted” Rankings were just published. The top ten Most Wanted World-Wide are as follows:

- (1) BS7, (2) VU7, (3) P5, (4) 3Y/P, (5) 7O, (6) KP1, (7) KP5, (8) 3Y/B, (9) FR/G and (10) VU4

### • ARES/RACES – Continued from Page 6

You have collected your things and prepared yourself and are now ready to check in. It should resemble something like this:

(You) W7ABC this is KC7RRR.

(NCS) Go ahead KC7RRR.

(You) this is KC7RRR, I am in Prescott, and I have 50 watts on VHF and 35 watts on UHF, with capability for packet on VHF. I have batteries for emergency power. I currently have a vehicle with a full tank of gas and am ready to be deployed. I am available until midnight as I do have to work tomorrow.

If net control doesn't have a current assignment, do not just proceed to a location, where you think you might be needed! We have specific protocols that dictate how many folks we have at each location. Usually not more than two! We as an organization, need to exemplify the highest level of professionalism. Agencies that we serve want the highest level of service and we try to accommodate them. We strive to be sharp and look sharp!

Plan to attend the upcoming ARES/RACES training meeting Saturday, February 4th, to be held at the Yavapai County Public Works Ready Room. The meeting will be from 10:00

a.m. until noon and the topic will be ‘Net Control Operations’. All amateurs are invited to attend.

### YARC Public Service

Upcoming events...

Saturday May 6th is the, Whiskey Row Marathon, our first scheduled event of the new year. We will need 18 to 20 operators for this event with four having high clearance vehicles. We will start taking commitments for this event at the March meeting. This is a early morning event supporting the YMCA and YARC is listed as a sponsor on their Marathon banner and also on their T-Shirts. ■

## Technician License Classes Start February 20, 2006

Classes will be held on Monday night, 6:00 - 8:00 P.M. at the Jeep Posse Building in Pioneer Park off Commerce Drive in Prescott, across the street and around the corner from the MVD & DPS.

For more information contact Bob Smith, WB6ODR at 443-9321 or [lrsmith@cablone.net](mailto:lrsmith@cablone.net)

VE testing will be held for all license classes, at a time and place to be announced.



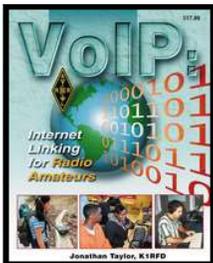
December 2005 Meeting

## Record Attendance at YARC Meetings

Meeting attendance was up in December and January and is a good indication of the number of new members joining our club recently, as well as the increased interest shown by many of the old timers.

January's YARC Roster will be available at February's meeting for members that were not able to receive an e-mail copy.

With a variety of activities planned, along with continuing good program speakers, we have an opportunity to make YARC even a better club in 2006. ■



## Node Talk

By Rex, N7NGM

### IRLP/Echo Link and the Great Balloon Chase

Activity on our IRLP node still remains low, however this past month I have noticed a few new operators using the node, including one visitor whose call sign I missed. I thought I heard a K?6??? attempt to use the node about a month ago, was unsuccessful, and then never tried again to my knowledge.

So it seems the word is getting out about our club node and this is good, as it gives locals who might be traveling, a means to contact friends in our area and so too can visitors from elsewhere rely on a node by which to contact their friends back home.

In the past, the node would be tied up to the Dallas reflector, node number 9453, and at times, nobody would be heard talking, leaving locals here wondering if the node were free to use or not. Now that this routine seems to have abated, it seems to have bolstered others to feel free to use the node with confidence that they are not interfering with someone else, which has led to some interesting and different conversations.

Our node has recently proven itself to be rather useful in an unexpected manner by allowing the recent flight of ANSR-28, which ended up in the southwestern portion of New Mexico, to be retrieved. This showed all those who were listening, just how valuable IRLP can be. This particular flight was a long duration flight, which lasted far longer than any others before it, and thus drifted far into New Mexico after nearly 12 hours of flight instead of the usual 2-3

hours.

Because of the distances involved, the quickest means to contact ham operators in New Mexico of the approaching balloon was to make calls using IRLP and Echo Link, in order to alert operators in the southern central area of New Mexico to listen for the beacons and down link frequencies.

While Jack, W7JLC made contact with someone in New Mexico using IRLP and coordinated with hams in New Mexico, I was using my echo link station at home to alert anyone I could find about the flight. I was successful in doing so by contacting two people who in turn alerted their friends to listen for the balloon along with the beacon frequencies.

Thanks to the New Mexico hams, the balloon was retrieved in a timely manner, which was due to the quick and reliable communications via IRLP and possibly echo link. By using these means of communication, there was no need to 1) search for New Mexico hams on HF, which would have been a time consuming chore, 2) make numerous long distance phone calls, or 3) spend a great deal of time sending out emails to anyone found with a listing in QRZ, people who might not have read the messages in time to take any action in finding the balloon or even listening for its signals. The flight was expected to take a long time, but not quite as long as it did. ■

#### Plan to Join the ARRL or Renew Membership?

Ask our Treasurer for a special ARRL Club Membership Application or download the appropriate form from the YARC website. 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 ARRL dues.

## February Program

**Chief Dave Curtis,**

**Central Yavapai Fire District**

After being discharged from the Army in 1978, Dave Curtis started his fire service career as a Hot Shot with the Prescott National Forest. About the same time, Central Yavapai Fire District was looking for volunteer firefighters for a new station. A year later he tested and received the position of a fulltime firefighter. Since that time he has worked in almost every position in the District until he was promoted to the Fire Chief position in January of 1994.

Chief Curtis has earned an A.A.S. in Fire Science from Yavapai College, a B.S. in Business from the University of Phoenix and a graduate of the Executive Fire Officer program from the National Fire Academy.

Chief Curtis is currently on the executive board of the Arizona Fire District Association as the representative to all the Fire Districts in Yavapai County.



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"This is the new RF Exposure device I came up with. When you reach the maximum cumulative exposure, the red center pops out. My wife says its perfect for a turkey like me."

## YARC Post-Holiday Dinner



Bob, WB7RRQ and Judy, KC7MTY Rosevear

This year's annual Post-Holiday Dinner was held at Pete's Family Restaurant on Iron Springs Road. About fifty members and guests attended.

Thanks to Bob, WB7RRQ for coordinating this event.

There was plenty of good food served. The menu included large portions of Pot Roast, Malibu Chicken, or Grilled White Fish, topped off with a huge piece of chocolate cake for those selecting that type of dessert.

A Raffle ticket was given to each person, and when the drawings were concluded, almost everyone received a prize of some sort.

A great time was had by all.

For more photos go on-line to: <http://tinyurl.com/bxa6g>



## Weekly Breakfasts



### Tues. & Thurs. Morning Breakfast – 7:00 a.m. at Michael's Restaurant

(In the Safeway Shopping Ctr., Hwy 69 Prescott Valley)

(N 34°35'13.33" W112°19'44.6")\*

Informal – all are invited.

### Wed. Morning Breakfasts: 7:00 a.m. at

#### Iron Horse Restaurant

(S. 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,

2<sup>nd</sup> Floor; above Bank of America)

informal – all are invited

\* Location data (per WGS84) provided

by Fred Zimmermann, N7PJJ

## Area Repeaters

Frequency	PL	Location	Owner/Club	Auto-Patch	Rem. BaseOr Linked	Vo IP	Notes:
52.560-	100.0	Mt. Union	N7NGM				-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	W2YAV/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				
442.150+	100.0	Mingus Mtn	W1OQ/Northlink				
442.350+	100.0	Glassford Hill	N7KPU			IRLP	
448.475-	100.0	Flagstaff-Elden	ARA	Yes			
448.500-	100.0	Prescott	KB6TWC	Yes	RB to White Tank 146.940		E-mail owner for instructions
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**

**442.350+ MHz with a**

**PL of 100.0 Hz**

For more Repeater Information & Listings refer to:

- [www.w7ara.org/Web/](http://www.w7ara.org/Web/)
- [www.azrepeaters.net](http://www.azrepeaters.net)
- [www.azfreqcoord.org/listings.htm](http://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

