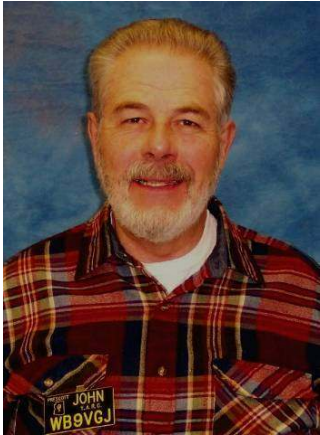


YAVAPAI SIGNAL

The Yavapai Amateur Radio Club • Prescott, Arizona • DM-34 • Volume 20 – No. 9 • September 2005

From the President's Desk



The August meeting turned out to be very interesting. A lot of things are going on in the club. Joe, AC6AA, proposed some

excellent ideas for the Yavapai Signal that were well received. Thanks to Dick, W7QHE, for volunteering to write a DX column for the newsletter, and to Pat, KE7DUC, for volunteering to write a "Shack of the Month" column. I think these will be welcome additions to the newsletter. I'd encourage any member who might have a topic that would interest other club members to submit articles to Joe. There are many interesting facets of the hobby that not all members are involved with, but might be very interested in reading about.

We will have another amateur radio license class starting the second Monday of September. I am sure Chuck, K7QO, will again do an excellent job as he did with the first class. This is good for the hobby as well as for the club. I think the classes will serve as a way to not only increase the number of amateur radio operators in the area, but as a vehicle to help the club grow. New members can bring new ideas and energy to the club and make it even better than it is.

I would ask members who are not ARRL Volunteer Examiners to consider becoming one.

The larger the pool of VEs, the easier it will be to administer the exams at the end of the classes. Those interested can get the information and the manual, which includes the application documents, on the ARRL's Web site at <http://www.arrl.org/arrlvec/> - just click on the 'ARRL Volunteer Examiners' link at the top of the page to get to the link for the manual. The accreditation process is not difficult and it doesn't take long to complete.

The club will have a booth at the Prescott Valley World Art Festival, 'Explore Your Roots,' September 17th and 18th. This will give the club an excellent opportunity for making more people familiar with amateur radio. The Yavapai County ARES/RACES communications van will also be present at the booth. I was pleased when I contacted the Prescott Valley Arts & Culture Coordinator to inquire about a booth, to find out that he was already considering asking us to participate in the festival. I'll have more details for the event and a sign-up sheet for volunteers to man the booth at the September meeting.

The club will be working on obtaining ARRL Service Club status, which is, I believe, a nice feather in the hat of any amateur radio club. We are also exploring the possibility of linking up the new IRLP node to a 440 MHz repeater on Glassford Hill. I hope to have more information on that at the September meeting.

I am very pleased to see these ideas and activities. A club is only as good as its members and the more activities and ideas, the better.

73,

John, WB9VGJ

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 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 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 6:45 p.m. local time on the 147.220+ repeater on Mingus Mountain.

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.

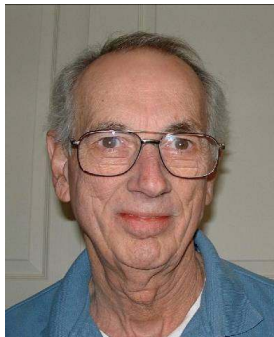
YARC Officers for 2005

<i>President</i> John Broughton WB9VGJ Wb9vgj@arrl.org	<i>Vice President</i> Bob Rosevear WB7RRQ rosevear520@cableone.net
<i>Secretary</i> Joe Oliver, AC6AA joliver@commspeed.net	<i>Treasurer</i> David Passell, K6UWV davidrex@northlink.com

YARC Board of Directors (includes Club Officers)
Rex Mauldin – N7NGM
Terry Pemberton – KB7TRE
Jack Ragen – W3IVQ
Walter Schumann – KF6SPS

Newsletter Editor: Joe Oliver AC6AA
joliver@commspeed.net

Minutes of August 4, 2005 General Meeting



John, WB9VGJ called the meeting to order at 1900. The Pledge of Allegiance was recited and members introduced themselves.

Visitors: Neal Vince, KA7JAS; Mary Vince, AB7NK; Vi Hughes and Lois Diddams, XYLs.

New Members: Erika Schiltneck, KI7JZ, was voted into the club by a

motion made by Terry, KB7TRE and seconded by Lloyd, WA6ZZJ.

Meeting Minutes: A motion to approve minutes of the July 7, 2005 General meeting was made by Doug, KV8TD, and seconded by Hal, N6OVE. ARES/RACES training meeting date was corrected to read August 13th. A motion to approve the Board meeting minutes was made by Jack, W7JLC and seconded by Lloyd, WA6ZZJ. Both were unanimously approved by membership.

Treasurer's Report: Dave, K6UWV reported a balance of \$1617.95. The report was approved on a motion by Dave, K6UWV and seconded by Fred, KC7TIN.

Committee Reports:

• **Lloyd, WA6ZZJ reported on several items:**

- **ARES/RACES/Public Service:** Mary, AB7NK has been appointed Emergency Coordinator/Assistant Radio Officer. Next training meeting will be held on Saturday, August 13th, at the Public Works Facility.
- **Whiskey Row Marathon:** Received a plaque and letter of appreciation from the Prescott YMCA for YARC's major sponsorship and participation in this event.
- **Road Rally:** Scheduled for October 7th and 8th. Bob, WB7RRQ will coordinate this event.
- **America's Walk for Diabetes:** Will take place on Saturday, October 16th on the Yavapai Indian Reservation. John, WB9VGJ will be asking for radio operators.
- **November Race:** A race from Prescott to Prescott Valley is planned for sometime in November. Because of the terrain, only hand-helds can be used by operators.

• **Newsletter:** Joe, AC6AA thanked members for submitting articles and pictures for the August issue of the Yavapai Signal. Dick, W7QHE will be writing a monthly article on DX, and Pat, KE7DUC will be interviewing members to feature a Ham and Ham shack each month. Joe encouraged others to submit technical material and other Ham related subjects. Deadline for submissions is the 21st of the month.

• **IRLP:** John, WB9VGJ and Jack, W7JLC will look into linking the Glassford Hill 440 repeater with the club's IRLP simplex node.

- **Club Brochures:** Jim, N5RO and Hal, N6OVE are still working on picture resolution problems.
- **Amateur Practice Net:** Jim, N5RO reported that this net has been successful. Members are now taking turns as net control each Tuesday, at 7:00 p.m..
- **Patches/Badges/Shirts:** Dave, K6UWV has club patches for \$3.00. Bob, WB6ODR has badges for \$6.50. Contact Dick, W6CCD for club shirts. .

Old Business:

- **Yavapai County Fair Parking:** Mike, KD7DGT circulated a sign-up sheet for members interested in assisting the Jeep Posse on Sept. 22 through Oct. 2 at the County Fair. The pay is \$10/hour for a 6 hour shift. This is an opportunity for YARC members to acquire extra income for themselves or for the club.
- **220 Repeater Owned by John Wilson:** John, WB9VGJ discussed his investigation on the current status of this equipment.

New Business:

- **License Classes:** Chuck, K7QO announced that license classes will start on Sept. 12th and last for 9 weeks. Technician class will be from 6:45-7:45 p.m. and General class from 8:00-9:00 p.m. Mary, AB7NK will oversee VE exams at completion of classes.
- **Prescott Valley World Art Festival:** John, WB9VGJ to follow up on an invitation to set up a Ham station at the Prescott Valley Town Hall on Sept. 17th and 18th for the "Explore Your Roots" art festival.
- **ARRL Special Service Club:** John, WB9VGJ explained what is needed to become a Special Service Club, and the membership agreed that this is an objective to pursue.
- **NRA Birthday:** A special event station using the call sign K7NRA will be set up at the Gunsite Academy on November 17th to celebrate the birthday of the NRA.
- **Public Relations Chairman:** Members were asked to consider volunteering for the position of Public Relations/Publicity Chairman.
- **Peavine Trail:** Tom, W2JKG, who does bike patrol on the Peavine Trail, offered his assistance to anyone wanting to set up or use ham radio equipment.
- **Road Rally:** Bob, WB7RRQ indicated the need for more volunteers for road blocks this year.

YAVAPAI SIGNAL – SEPTEMBER 2005

Announcements:

- **Programs:** Jack, W7JLC to talk this evening on the club's new IRLP node. Next month, John Munderloh, Water Resource Manager, Town of Prescott Valley, will talk on water resources.
- **Net Control:** Net control stations for the Wed. night net are needed for November/December.
- **anchors:** A list of older equipment available to the club was presented. The club showed no interest in disposing of the equipment.

A motion was made by Lloyd, WA6ZZJ and seconded by Jack, W3IVQ to adjourn the business portion of the meeting at 2000. The motion carried and there was a break for refreshments.

Drawing: Fred, N7PJN won \$20.50 in the 50/50 drawing.

Program: Jack, W7JLC presented a slide show describing the club's IRLP node and its operation. He also demonstrated IRLP by making actual on-the-air contacts with Australia. The Program ended at 2100.

Respectfully,

Joe, AC6AA
Secretary

Minutes of Board Meeting on August 4, 2005

A Board meeting was held August 4, 2005. Present were John, WB9VGJ; Joe, AC6AA; Dave, K6UWV; Bob, WB7RRQ; Terry, KB7TRE; Jack, W3IVQ, and Walter, KF6SPS.

John called the meeting to order at 1830. Joe presented Pat, KE7DUC's proposal for a monthly newsletter column featuring a Ham/Ham shack, and discussed other articles that might be suitable for the newsletter, based on Dick, W7QHE's suggestions.

John proposed that YARC become an ARRL Special Service Club. The Board agreed that it would be desirable. John will present his proposal and the club's current qualifications, to the members this evening.

Also, to be included on the agenda for tonight's general meeting --John indicated that he would mention the status of John Wilson's 220 repeater, talk about a list of older equipment that is available to the club, an offer to link the 440 Glassford Hill repeater with the YARC IRLP node, and the program for next month.

The meeting adjourned at 1840.

Respectfully,

Joe, AC6AA
Secretary



YARC TREASURER'S REPORT August 2005

David Passell, K6UWV
Treasurer

INCOME

New Members (see applications for additional information)

Carol-Erika Schiltneck KI7JZ 08///06 07/14/05 cash 20.00

Renewals (Update Roster)

John J. Sullivan WB7DXT 05//06 07/12/05 8135 20.00
Joseph Gasaway KB7SAU 07//06 08/16/05 222 20.00

ARRL Renewals None

Other

50/50 Drawing 41 tickets sold 08/04/05 cash 41.00
T-Shirts 2 ----- 08/04/05 cash 40.50
2 Jim and Rose Clark 08/04/05 4197 41.00
1 Richard Courtney 08/04/05 6951 20.46
Misc. T-shirt /donation 08/04/05 cash 2.00

Total Income \$204.96

EXPENSES

Fred Zimmerman 50/50 winner 08/04/05 cash 20.50
David Passell Cookies 08/04/05 817 3.56
Richard Hughes T-shirts 08/04/05 818 87.00
Joe Oliver Sheet protectors 08/04/05 819 5.41
David Passell 2000 Raffle Tickets 08/09/05 820 7.56
Insty Print August Newsletter 08/09/05 821 32.29

Total Expenses..... \$156.32

Cash Flow (Income - Expenses)\$48.64

Deposits 07/25/05 40.00
08/09/05 124.46
08/16/05 20.00

PREVIOUS REPORTED CHECKBOOK BALANCE \$1617.95
CURRENT CHECKBOOK BALANCE \$1666.48

Scheduled Programs for Meetings

September – John Munderloh, Water Resources Manager for the Town of Prescott Valley, will give a talk on water resources and use.

October – Roy, AD7FW, will give a talk on the National Airspace System.

Free Amateur Radio Classes Start September 12

Two free classes for individuals interested in getting their amateur radio license or upgrading their knowledge of the hobby will start on Monday, September 12. The nine-week introduction to amateur radio class will assume no previous experience with electronics or amateur radio and should enable individuals to get a Technician Class amateur radio license upon completion of the course



and testing. The second class will cover more advanced material and will prepare the students for the General Class license examination. Each class will meet for one hour on nine consecutive Mondays, with the introductory class beginning at 6:45 p.m. and the advanced course at 8 p.m. Optional Morse Code training will also be available. Classes will be held at the Sheriff's Jeep Posse Center on Commerce Drive (adjacent to inline skate park).

The instructor will be Dr. Chuck Adams, K7QO, who has been a licensed amateur radio operator for more than 40 years. The course will include demonstrations of electronics and actual operation of equipment to contact other radio amateurs. Students will need a scientific calculator, a few hours of free time per week outside of class for study, and the ARRL "Now You're Talking" (5th Ed.) book for the Technician course. The book is available directly from the ARRL (www.arrl.org) for \$19.95 plus shipping and handling, or students can order it from the instructor for \$20 prior to August 30. Students interested in the General Class license will need a copy of the ARRL General Class License Manual, 5th Edition (\$16.95 plus shipping and handling from www.arrl.org). Examinations for the licenses will be scheduled following the course completion and will require a small fee.

Students of all ages are welcome.

Register by phone at 771-2623 prior to 8:30 p.m. or email k7qo@commspeed.net.

Like to Submit an Article for the Yavapi Signal?

Share your experiences and/or knowledge with other club members.

Deadline for a submission is the 21st of the month.



Submit to Joe, AC6AA
via mail,
or e-mail:
joliver@commspeed.net

Richard, KE7DTR Receives an Award

Chuck Adams, K7QO awarded Richard Bozeat, KE7DTR with a Ten-Tec Corsair transceiver at our last meeting. Richard was the only person from the last Technician class to take and pass the 5 WPM code test. Richard plans to operate CW on the HF bands. Right now, Richard is improving his code speed, studying the transceiver manual, and will take the General class to earn a more advanced ticket.



Upcoming Ham Radio Events

Sept. 1, 2005 – YARC Meeting.

Sept. 9-11, 2005 – ARRL Southwestern Division Convention in Riverside, CA.

Sept. 12, 2005 – Technician/General License Classes begin.

Sept. 17,18, 2005 –Prescott Valley World Art Festival.

Sept. 17, 2005 – Kingman 13th Annual Hamfest.

Sept. 22-Oct. 2, 2005 – Yavapai County Fair Parking.

Oct. 6, 2005 – YARC Meeting.

Oct. 7-8, 2005 – Road Rally.

Oct. 16, 2005 – America's Walk for Diabetes.

Nov. 3, 2005 – YARC Meeting.

Nov. 5, 2005 – ARES/RACES Training Meeting.

Nov. 17, 2005 – NRA Birthday Special Event

ARES/RACES



By Lloyd, WA6ZZJ

The third quarterly ARES/RACES training meeting was held in Prescott on Saturday, August 13th with 25 members and guests attending. Topics covered were 'Operating in the Yavapai County Emergency Operating Center (EOC)' and 'Operating in the EOC Radio Room' which covered the equipment installed there.



Training is an important part of the commitment to emergency communications. Without it the organization will not be able to meet its responsibilities. Our organization has the responsibility to handle emergency traffic in a fast, efficient and accurate manner. This requires practice and training.

Training meetings help us to get to know each other and the people we will be working with in an emergency. This tends to make us more 'comfortable' in what could be a stressful situation.

Training meetings also help our Emergency Coordinators and their Assistants to know your capabilities and that will assist them when it comes to making assignments during a communications exercise or emergency.

Trained operators will get the message through in a quicker and much more efficient manner.

The next scheduled training meeting will be held in Cottonwood on Saturday, November 5, 2005. Put the date on your calendar.

YARC Public Service Communications

We have been approached to provide public service communications for the Groom Creek Fire Department and Red Cross on Sunday, September 11th for a 10K run to take place in the Groom Creek area. As this is being written I am still awaiting more details on this event and hope to have all the information and a sign up sheet at the September meeting.

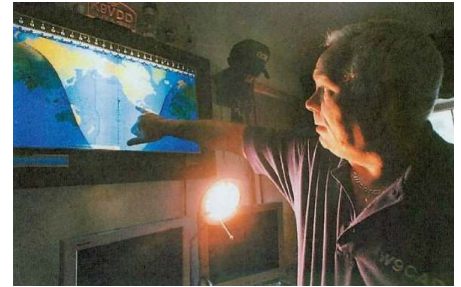
Saturday and Sunday, September 17th and 18th we will have a display set up at the Prescott Valley Art Fair taking place at the Prescott Valley City Hall. Being a two day event we will want to set up a roster of club members that will attend and schedule accordingly. It is our hope to keep operating times to about two hours per person if enough sign up to help. A sign up sheet for this event will be at the September meeting also. Friday and Saturday, October 7th and 8th is the annual Prescott Road Rally, and this year more operators will be needed than in past years due to more roadblocks being set up. Please check with Bob Rosevear, WB7RRQ, and get your name on the list to help at this event. This event is a long standing tradition with YARC, so lets all put our support behind it.

Saturday, October 15th will be the Americas Walk for Diabetes to be held on the Yavapai Indian Reservation. John, WB9VGJ, will be heading up this event so please contact him to get your name on the list.

As well as being a way to get Amateur Radio and the Yavapai Amateur Radio Club in the public eye these events are also a good practice for emergency communications. It provides us a chance to set up and operate under different conditions as well as operation in a controlled net environment. ■



Ham Radio Operators Assist In Ocean Rescue



Ralph Henes points to the area in the Pacific Ocean off the coast of southern Mexico where two boaters put out a distress call that was picked up on ham radios in Madison, Wisconsin by Henes and Ed Toal. The two helped save the boaters by alerting the U.S. Coast Guard and the Mexican Navy.

By Doug Erickson

Wisconsin State Journal July 26, 2005.

Submitted by Dick, W7QHE

Ed Toal jokes that ham radio operators are often misunderstood. When people think of them at all, it's usually in the context of "radio nuts" or "prehistoric geeks," he said.

But ham radio operators are much more, Toal said, a point underscored Sunday when he and fellow ham radio enthusiast Ralph Henes of Madison helped rescue two sailboat operators off the coast of southern Mexico.

The boaters had lost engine power and steerage and were being tossed around in 4-to- 5-foot waves, said Toal, 62, a retired telecommunications manager from Blanchardville. After the boaters' emergency marine radio failed them, they resorted to a ham radio.

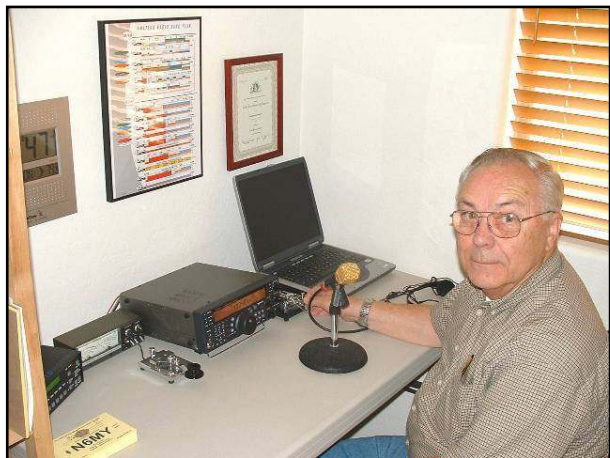
Their "mayday" pleas were heard about 2,000 miles away by Toal and Henes, who, with the help of another ham radio operator in Los Angeles, Dick Mannheimer, notified authorities and talked the boaters through the ordeal.

In a later e-mail to Henes, one of the sailors, Ken Scheibe, reported that he and his friend were rescued on their 35-foot sailboat by the Mexican Navy.

See *HAM RADIO*, Page 7

THIS MONTH'S FEATURED HAM

By Pat Oliver, KE7DUC



Ray Tyrrell, N6MY

On Monday, August 8, Joe, AC6AA and I drove to Prescott Valley to interview and photograph a very interesting new member to our club, Ray Tyrrell, N6MY.

Ray earned his novice license while in high school in 1951. When Novice licenses were first issued, Ray and some friends were first in line at the FCC building in Los Angeles. His call sign at that time was WN6NIC. He has had his present call sign, N6MY, for 30 years and holds an Extra Class license.

Ray works CW 90% of the time on 20 and 17 meters. His modest base station consists of a Kenwood 570DG and a 20 meter SteppIR antenna, which, due to CC&R restrictions, is in his attic at 18 feet. Ray has another home in Carson City, Nevada, with a larger antenna. He has a Kenwood G707 dual band rig and a TS-50 HF rig in his car, and generally has worked CW on 20 meters while on trips. He also has a Kenwood THG71 dual band 2 meter/440 HT.

As a teen, he had his first and most memorable "non-contact". He called CQ, gave his call sign, and another ham returned his call. I think most of us can identify with his next action – Ray got mike (key) fright and shut down his station. Needless to say, this fear was overcome.

Over the years, Ray has designed and built much equipment, starting in his teens. He has built both from kits and from scratch.

Ray went into the military as an Electronic Technician when he was 17, during the Korean conflict. Since Electronic Technicians were badly needed and Ray and his friends were Hams, they were inducted right into the service without requiring boot camp.

After discharge, Ray attended the University of Arizona on the GI Bill, majoring in electronics engineering. After graduation, he worked in the aerospace industry. Concurrently, he taught Electronics Engineering and Technology in the University of Nevada System for 20 years as a part-time instructor. For the 6 years prior to retirement in 1998, he taught on a full-time basis, directing the electronics program at Western Nevada Community College.

Although Ray has been in the area for awhile, he just recently joined our club 6 months ago, because he had a prior Thursday night conflict.

He currently is active in FISTS as an international CW buddy; and has been a QCWA member for 25 years and attends meetings on a regular basis.

Ray is also a Volunteer Examiner, and has worked on 16 sessions, including the session in which many of us became Technicians. He is primarily interested in technical projects and enjoyed the IRLP presentation at our last meeting.

Ray is a very valuable and welcome addition to our club. ■

Rain Static

From Tom Rauch, W8JI



Rain static, or what is called precipitation static, is almost always from corona discharge. This is the noise that sounds like a whining or musical hissing noise. It is generally NOT a charge "stored" in our antennas that we can "discharge" to earth because your antenna is at the potential of earth anyway. It is not noise from individual drops of charged water hitting the antenna.

There is another effect that is a slow popping noise that can be from the antenna charging, and then arcing. In that case, a leak resistor will help. Even hundreds of kilohms are enough. This is the only noise "grounded" elements or grounding reduces.

Most cases of corona noise are eliminated when the antenna is not the tallest structure around, or not "pointed at" a structure with corona. Structures without sharp points protruding into the air also reduce corona noise. That is what a quad antenna can do, and the corona reduction of the blunt sides is actually why the quad was "created".

From that tiny bit of truth comes the exaggerated myth that quads or loops are always quieter than yagis or dipoles. ■



CQ DX de YARC By Dick Diddams, W7QHE

WORLD of DX - SEPTEMBER 2005

Date		DXCC Entity	Call	QSL via	Reported by	Info
Start	End					
2005 Jun24	2005 Sep24	Malawi	7Q7HB	GØIAS Direct	425DXN 20050702	By GØIAS; spare time operation only.
2005 Aug18	2005 Sep01	Cocos (Keeling)	VK9CMO	VK7MO Direct	VK2CZ 20050602	By VK2CZ; digital 2m EME (no HF).
2005 Aug28	2005 Sep16	Malawi	7Q7CE	IN3VZE Buro	IN3VZE 20050727	By IN3VZE fm SW shore of Lake Malawi; holiday style operation.
2005 Aug29	2005 Sep04	Monaco	3A/F5RBB	F5RBB	425DXN 20050716	40-10m.
2005 Sep09	2005 Sep13	Bermuda	VP9/WA4PGM	WA4PGM Direct	WA4PGM 20050801	160-6m; CW SSB; QSL: Kyle Chavis POB 127 Farmville, VA 23901 USA
WAE DX Contest, SSB (September 10-11, 2005)						
2005 Sep17	2005 Sep23	Lichtenstein	HBØ/ ON7TQ HBØ/ ON6UQ	Home Call	ON6UQ 20050428	160-10m, focus on 160 80m; SSB CW RTTY; QSL direct or OK buro.
2005 Sep23	2005 Oct08	Kure Atoll	KH7C	N4XP	KK6EK 20050303	All bands and modes; begin/end dates tentative.
CQ Worldwide DX Contest, RTTY (September 24-25, 2005)						
2005 Sep28	2005 Oct15	Eastern Kiribati	T32SNW T32EJW	Home Call Direct	IZ8CCW 20050416	SSB CW; Target islands: Flint, Vostok, and Caroline.

MONTHLY HIGHLIGHTS

KURE ATOLL - KH7K

According to the Ohio/Penn DX Bulletin, several scientists, including radio amateurs will be traveling to OC-Ø2Ø (Kure Atoll) during the end of September and the first week of October. Their primary mission is to support the wildlife sanctuary, including a study of invasive ants, shipwreck documentation and collection of representative specimens of marine organisms.

Depending on which **100 Most Needed Country** poll one reviews, Kure Atoll is ranked no lower than number 10 worldwide.

MALPELO ISLAND - HKØM

The number 37 country on the 100 Most needed is Malpelo Island. It will not be activated due to rules which permit only two operators on the Island at a time and they would have to stay for an unacceptable 30-days due to transportation issues.

PETER I ISLAND (3YØ). AN-004 is number 6 on the **100 Most Needed Country** poll and will be active starting somewhere between 16 January 2006 and the end of February. Two Chilean companies have signed transportation contracts with the DXpedition. The plan is to be operational for two (2) weeks and operate nine (9) stations on 10 through 160 meters. Due to costs and obtaining permission to operate on Peter I Island, it will be a long time before this country will again be active. Get your station ready to work **3YØ** on multiple bands!

NORTH KOREA (P5). Is number 1 on the **100 Most Needed Country** poll and may be activated by the time you read this. The plan is for KA2HTV to be in North Korea on business from 9 August through at least the 23rd. David Borenstein will be operating, as P5/KA2HTV and the expectation is he will be on the air full-time the last few days of his trip. There is a slight possibility Dave may be operational until the 1st of September.

• HAM RADIO

From Page 5

Ham radio operators are amateur radio operators who are licensed by the Federal Communications Commission and must pass an exam. The license allows them to talk around the world and to provide emergency communication services.

Henes, 62, a retired supervisor for a cellular tower construction firm, said that while ham radio operators often are a valuable resource during local emergencies, playing a role in an international rescue effort is unusual.

"I've been on the air for 47 years and this is the first time something of this magnitude has happened to me," he said.

Toal said a handful of ham radio operators from across the country were talking during a daily chat Sunday around 9 a.m. when they heard, "Mayday."

Toal later learned that the boaters had been putting out a distress call unsuccessfully for about four hours on various frequencies. Their boat was 50 miles off the coast of Salina Cruz, Mexico. Toal figures the boaters heard the ham radio operators talking and focused in on trying to reach them.

The ham radio operators sprung into service, ascertaining the location of the boat and contacting authorities, with Mannheimer calling the U.S. Coast Guard.

Petty Officer Alan Haraf of Coast Guard District 11 in Alameda, Calif., confirmed Tuesday that his district was informed by a ham radio operator of boaters needing rescue. The Coast Guard alerted the Mexican Navy, Haraf said.

Henes said he also called the Mexican Navy, which sent a boat and a helicopter. Another ham radio operator in Mexico City jumped in and helped with translation between the rescue vessel and the boaters, both U.S. citizens. The boat was licensed out of Long Beach, Calif., Henes said.

"This shows the true value of the ham radio hobby-profession," Henes said. "When the chips are down, we're there."

Toal said helping in a rescue is about as good as it gets for ham radio operators.

"Without amateur radio operators, they could have been adrift out there for quite a while," he said. "A lot of times people think we're just a bunch of radio nuts, but we're actually there for this kind of purpose." ■

Area Repeaters

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.
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, 2nd Floor; above Bank of America) .
informal – all are invited

* Location data (per WGS84) provided by Fred Zimmermann, N7PJN

Frequency	PL	Location	Owner/Club	Auto Patch	Rem. Base Or Linked	Vo IP	Notes:
52.560-	100.0	Mt. Union	N7NGM				-500KHz Offset
53.040-	None	Prescott Airport	WB7BYV				-1MHz Offset
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				
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

For more Repeater Information & Listings refer to these web sites:

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

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Many thanks to Bob Smith, WB6ODR, our Webmaster

