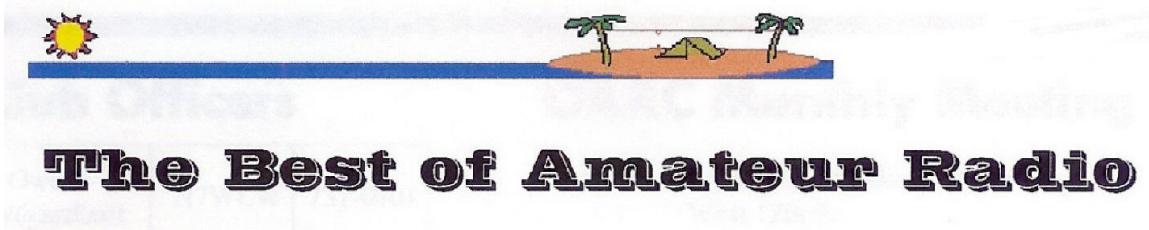




WATTS NEWS



The Best of Amateur Radio

Welcome to the OARC e-Magazine

www.OgdenArc.org

JANUARY 2007

Next Club Meeting

3rd Saturday January 20, 2007; 9:00 am

Topic: What do all the new rule changes really mean to me?



Mike Fullmer KZ7O
President



James Clarke KD7SWL
Vice President



Joan Fullmer N7OLZ
Secretary



Jim Southwick N7JS
Treasurer



Kent Gardner WA7AHY
Director #2



Gary Liptrot N7ZI
Past Pres - Advisor



Val Campbell K7HCP
Webmaster/Editor

(position open)
Director #1

PREVIOUS CLUB MEETING

3rd Saturday December 16, 2006

It has become a tradition to hold a club sponsored "Family Dinner" in place of the December club meeting each year and this year was no exception.

Again like last year, we meet at the Eastern Winds Chinese Buffet in South Ogden on the evening of the 3rd Saturday of December, our regular club meeting day. This event is a real good chance to bring Hams and their family members, hams and non-hams alike, together to enjoy a family out together setting in contrast to the usual technically oriented club meeting held the other months of the year. As usual a good time was had by all that attended.

Earlier that week the FCC announced significant changes to Amateur Radio regulations that could change the future of many new and current Hams in the hobby. Mike Fullmer, our President, made a brief announcement to the group on this subject before dinner was served. Since then details of the FCC announcement have been released and are covered in detail later in this newsletter.

As usual, ham and non-hams "Door Prizes" were plentiful, 13 total winners.

Congratulations

Grand Door Prize Winner!

(Yaesu/Vertex VX-150 2 meter hand-held transceiver w/power adapter)

Randy - KA7ZLU

Other Door Prize Winners this month!

- Mike - N9NZ
- Tom - AF7J
- James - KD7SWL
- Brett - KE7IES
- Mike - W7DNI
- Stan - WOKP
- Pauline Thompson
- Gale Sjol
- Janal Hudman
- Cathy White
- Zachary Roylance
- Ashton Roylance

Not much else to report except that the food was great.

Until next year,
73, Val K7HCP

CLUB MEETING PICTURES GO HERE
(More pictures on OARC web site "Photo Gallery")





Teacher Arrested. A New Terrorist Group?

At Phoenix Sky Harbor airport today, an individual later discovered to be a public school teacher, was arrested trying to board a flight while in possession of a ruler, a protractor, a setsquare, slide rule, and a calculator. At a morning press conference, an FBI spokesperson said he believes the man is a member of the notorious Al-gebra movement. He is being charged by the FBI with carrying weapons of math instruction. "AI-gebra is a fearsome cult," the spokesman said. "They desire average solutions by means and extremes, and sometimes go off in tangents in search of absolute values. They use secret code names like 'x' and 'y' and refer to themselves as 'unknowns', but we have determined they belong to a common denominator of the axis of medieval with coordinates in every country. As the Greek philanderer Isosceles used to say, 'There are 3 sides to every triangle.' When asked to comment on the arrest, one of the arresting officers said, 'If God had wanted us to have better weapons of math instructions, He would have given us more fingers and toes:

(From George Seaman, via the internet)
Submitted by Kent Gardner WA7AHY

A MESSAGE FROM OUR PRESIDENT

Mike Fullmer KZ7O



It is January, 2006 is over! I enjoyed the holidays and hope that everyone else did. I took a lot of time off and got stuff done at home. I even found some time for some ham stuff.

I turned on the HF rig and made a few CW contacts. I even made a couple of CW contacts on New Years Eve as part of SKN or straight key night. I have to always make at least one CW contact on New Years Eve. Then I can party.

I have been experimenting with a better local 80 meter antenna and now have a $\frac{1}{4}$ wave long wire for 80 meters strung around my yard. I have always shunt fed my 45 foot tower for 80 meters and it works, but it is very inefficient because of inadequate ground and receives a lot of noise. In fact the noise is so bad that it is easier to listen on a 20 ft wire and transmit on the tower. But the wire seems to work ok and does not have near the noise as the tower. The wire is only 15 feet high. Time will tell if it will work for local 80 meter stuff better. I check into an 80 meter net on Saturday mornings and the band has been just horrible this past month.

I also made a couple of satellite contacts. I got on FO-29 and made two CW contacts. If you want a different challenge this is a good one for you. All the normal rules you have learned are different when working the satellites. You have to continue tweaking your VFO dial because the Doppler is moving your frequency.

Did anyone else do anything fun over the holidays with their radios? If so, tell me. If it was really fun we can even publish your experiments in the newsletter.

Our January club meeting is dedicated to "what do all the new rule changes really mean to me?" There have been two major FCC actions come out. One came out the middle of November and another one the later part of December which will eliminate CW from testing. I have read the rule changes and can discuss with everyone all the particulars. If you have questions bring them to the meeting and ask away. We will have some new color band plan charts to hand out for those that would like one.

Just a note for the future...Februray 24th is the VHF Society swap meet at the Utah State Fair Park. If you want to see lots of junk and a few good things for sell, this is the place. It is in the morning and the details can be seen on the VHF Society web site.

73s for now
Mike, KZ7O

CLUB NEWS

WANTED !!! YOU

OARC Officer - Director #1 Board Position Opening

A "volunteer" or "nomination" is needed to fill a recent opening in the OARC board/officers. The position of Director #1 needs to be filled by appointment for the remainder of the term for this club year, which runs thru August 2007.

Please consider volunteering for this position. You will be glad you did.

Next Club Meeting

When: 3rd Saturday January 20, 2007
Time: 09:00 AM

Location: Riverdale Fire Station
(See OARC website for MAP)

Topic/Activity: What do all the new rule changes really mean to me?

Talk-in: **-146.90 (pl=123)**

Repeater Update

The 146.90 repeater on Little Mountain has been working without the fancy controller after the recent lightening burst. The controller has been repaired and will be back out to the site any day (it may be there by the time you read this). A lot of surge protection stuff is getting added to everything associated with the controller to try to protect everything. As I get more information I will let you know.

Mike, KZ7O

MORE CLUB NEWS

NEWS RELEASE - Standard Examiner From the Ogden Amateur Radio Club (OARC)

FCC to Drop Morse Testing for All Amateur License Classes.

In an historic move, the Federal Communications Commission (FCC) has acted to drop the Morse code requirement for all Amateur Radio license classes. On 16 Dec 06, the Commission adopted a Report and Order (R&O) in WT Docket 05-235. In a break from typical practice, the FCC only issued a public notice on or about the close of business and not the actual Report and Order, so some details -- including the effective date of the R&O -- remain uncertain. The public notice is located at, http://hraunfoss.fcc.gov/edocs_public/attachmatch/DOC-269012A1.pdf.

The wholesale elimination of a Morse code requirement for all license classes ends a long-standing national and international regulatory tradition in the requirements to gain access to amateur radio frequencies below 30 megahertz. The first no-code license in the United States was the Technician ticket, instituted in 1991. The question of whether or not to drop Morse requirements altogether has been the subject of often-heated debate over the past several years, but the handwriting has been on the wall. A number of countries, including Canada, no longer require applicants for an Amateur Radio license to pass a Morse code test to gain high frequency operating privileges. The list has been increasing regularly. International requirement changes have primarily contributed to the initial movement toward no code.

Mike Fullmer, Ogden Amateur Radio Club President, will make this a major point of discussion at the clubs regular monthly meeting on Saturday 20 Jan 07 at the Riverdale fire station beginning at 9:00AM. It is located at 4334 S. Parker Drive in Riverdale. Further information can be viewed at the club's website at <http://OgdenARC.org>. Also being discussed will be the new FCC changes (the so-called "Omnibus" Amateur Radio proceeding, WT Docket 04-140) authorized on 15 Dec 06 relating to adjustments in the ham radio bands and frequencies. Many who have considered becoming ham operators, but were uncertain about learning Morse code or those already having code free Technician licenses will certainly want to find out the details. The public is welcome.

Submitted by:

Kent S. Gardner, WA7AHY
Director #2 Ogden Amateur Radio Club
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South Ogden, UT 84403
801 475-6282
L7MFCC@Juno.com

AR HOBBY NEWS

Radio jammer Jack Gerritsen KG6IRO gets 7 years + fines

QST de W1AW
ARRL Bulletin 17 ARLB017
From ARRL Headquarters
Newington CT September 19, 2006

To all radio amateurs

It was a day a lot of radio amateurs in Southern California had been anticipating for a long time. On September 18, US District Court Judge R. Gary Klausner sentenced convicted radio jammed Jack Gerritsen, now 70, to seven years imprisonment and imposed \$15,225 in fines on six counts -- one a felony -- that included transmitting without a license and willful and malicious interference with radio transmissions. Before sentencing, Gerritsen apologized to the federal government, the FCC and the local Amateur Radio community, which had endured the brunt of Gerritsen's on-air tirades and outright jamming. "I'm sorry, and I apologize to everyone here," Gerritsen told those in the courtroom.

In addition to the prison time, Klausner fined Gerritsen \$225, payable immediately, and an additional \$15,000 to be paid through the Probation Department. Klausner tacked on two years' supervised probation and recommended Gerritsen remain in custody in Southern California during that period.

He told Gerritsen he could not use any identification, including his previous Amateur Radio call sign KG6IRO, other than his real name when identifying himself, and he told Gerritsen he could not own, possess or use any radio transmitting equipment.

The FCC had been investigating complaints of illegal radio transmissions linked to Gerritsen for four years. According to court documents, the FCC investigation revealed that Gerritsen transmitted both prerecorded messages and real-time harassment and profanity for hours at a time, often targeting local Amateur Radio repeater systems and precluding their use by licensed operators.

Following trial last December, Gerritsen was found guilty of causing malicious interference with a communications system operated by the United States -- a felony. The court also found him guilty of two misdemeanor counts of willful or malicious interference with radio communications and three misdemeanor counts of transmitting radio signals without a license. Gerritsen has been in custody since his conviction.

The FCC has already levied \$52,000 in fines on Gerritsen for violating its rules and the Communications Act.

FEATURE ARTICLE

Technician Class Licensees

FCC modifies the Amateur Radio Service rules by eliminating the Morse code exam requirements. The effective date of the FCC's action will be 30 days after publication in the Federal Register -- most likely in February.

In an historic move, the FCC has acted to drop the Morse code test requirement for all Amateur Radio license classes. The Commission adopted the long-awaited "Morse code" proceeding (WT Docket 05-235), and released it December 19. The FCC's action will eliminate the Morse code test as a licensing requirement to operate on HF.

Technicians Gain Operating Privileges

Once the changes are in effect, all Technician licensees -- whether or not they have passed a Morse code examination -- will have "Tech Plus" operating privileges. This means you will have all of your current VHF/UHF and above frequencies and also will have access to the Novice/Technician Plus frequencies on HF.

No Morse Code Test to Upgrade

Technicians can upgrade to General by passing the General (Element 3) written exam and to Amateur Extra by also passing the Extra (Element 4) written exam. No Morse code test will be required. Visit the ARRL VEC exam search web page <http://www.arrl.org/arrlvec/examsearch.phtml> for test session locations.

Navigating through the Upgrade Process

1. Technician Amateurs who wish to upgrade to General have a couple of options.

- a. We recommend that Technician licensees who have NOT yet passed the General written exam (Element 3) wait until the new rules take effect to upgrade. At a session, the candidate must present a photo ID and their current license, pay the \$14 test session fee and fill out the NCVEC form 605. If the Element 3 written exam is passed, the VE team will issue the candidate a CSCE for the upgrade to a general class license.
- b. Technician licensees who have already passed the General written exam (Element 3) or wish to pass the General written exam before the rules take effect, will then have to apply for the upgrade at a VE session once the new rules are in place. At a session, the candidate must present a photo ID, their current license and the non-expired CSCE document, pay the \$14 test session fee and fill out a NCVEC form 605. If the Element 3 written exam credit is valid, the VE team will issue the candidate a CSCE for the upgrade to a general class license. If the CSCE for Element 3 credit has expired (a CSCE is only valid for 365 days), you will have to retake the examination element in order to receive the credit toward your upgrade.

2. Post Session Process

The VE Team must prepare and mail all session paperwork to the coordinating VEC. Once the session arrives at the VEC, in accordance with FCC rules, the VEC staff must verify all session documentation. All 605 forms and CSCEs must have the candidate's signature and 3 VE signatures. The CSCEs used for General written exam element credit must be validated as being passed within the previous 365 days and/or the test documents must be confirmed as being passed. Finally, the session data and information from the 605 forms can then be keyed and submitted to the FCC. The upgrade should appear in the FCC database <http://wireless.fcc.gov/uls/> within a few hours and a new license copy will arrive in the mail in 7 to 10 days.

VEC Test Fee

As you can see, much of the same work is involved in both types of General class upgrades, therefore the administrative costs are embedded in the process.

The FCC has mandated that all paperwork only upgrades be done through a VEC via their VE Teams. The processing and administration of FCC "projects" such as this, actually places a greater demand on all the VECs. This is not a special case involving only a few people; we expect to receive a flood of upgrades to General. The paperwork only upgrade is not automatic for the amateur and the forms may not be sent directly to the FCC or the VEC office (again the upgrade must occur at a test session and follow FCC guidelines). The VEC test session fee is regulated (per annual agreement) by the FCC.

A New Era

When the new rules are in place, we hope you explore your new band allocations, enjoy your new privileges and have fun!

ANNOUNCEMENTS

Next Club Meeting: 3rd Sat January 20, 2007

- The Ogden Amateur Radio Club meetings are usually held on the 3rd Saturday of each month.
- Time: 09:00 AM
- Location: Riverdale Fire Station
(see website for map)
- Topic/Activity:
What do all the new rule changes really mean to me?
- Talk-in: -146.90 (pl 123.0)

Check OARC web site for details

www.ogdenarc.org

- Please invite a friend to join you. You do not have to be a member of the club to participate in our club meetings or activities. We invite all to join us.
- If anyone is interested in doing a presentation on something or just have something unique to show at the meetings.
- Please get a hold of any of the officers and let us know.

Next Weber Co VE Test Session: February 07, 2007 (Wednesday)

- Exam sessions are held in Ogden every few months, *usually* the first Wednesday in February, June, and October.

Time: 05:00 PM Walk-ins allowed

Location:

WEBER CENTER
2380 Washington Blvd,
Room # 112
OGDEN, UT 84401

Contact: VE Liaison:

Mary Hazard w7ue@arrl.net (801-430-0306)

Cost: \$14.00

Two forms of ID, one of which must be a picture ID.

For "Upgrades" bring current license and a copy of current license, and any CSCE's

Most calculators allowed. Calculator memories must be cleared before use.

Club Web Site

Be sure to visit our club web site.

- www.OgdenARC.org

Club membership is open to anyone interested in Amateur Radio. You do not need an amateur license to join us. Dues are used to operate the club, field day activities, and repeater equipment maintenance.

You do not need to join the club to participate with us.

Club Call Sign

Listen to the club repeaters for this very familiar CW ID. You do know Morse Code don't you?

- **W7SU**

ARRL Field Day is held on the last full weekend of June every year.

Location may vary each year so watch this notice for details as time draws near.
See you there.

| OARC REPEATERS | | | |
|----------------|-------------------|-------|------------------------------|
| FREQ | CLUB | TONE | LOCATION |
| 146.820- | OARC | 123.0 | Mt Ogden |
| 448.600- | OARC | 123.0 | Mt Ogden |
| 146.900- | OARC “Talk-in” | 123.0 | Little Mtn (w/auto patch) |
| 448.575- | OARC | 100.0 | Little Mtn (w/auto patch) |

| OTHER AREA REPEATERS | | | |
|----------------------|-------|-------|---------------|
| FREQ | CLUB | TONE | LOCATION |
| 146.620- | UARC | none | Farnsworth Pk |
| 147.120+ | UARC | 100.0 | Farnsworth Pk |
| 449.100- | UARC | 146.2 | Farnsworth Pk |
| 449.500- | UARC | 100.0 | Farnsworth Pk |
| 147.040+ | DCARC | 123.0 | Antelope Isl |
| 447.200- | DCARC | 127.3 | Antelope Isl |
| 449.925- | DCARC | 100.0 | No Salt Lake |
| 145.290- | UBET | 123.0 | Brigham City |
| 145.430- | UBET | 123.0 | Thiokol |
| 448.300- | UBET | 123.0 | Thiokol |
| 146.640- | BARC | none | Logan |
| 146.720- | BARC | 103.5 | Mt Logan |
| 147.260+ | BARC | 103.5 | Promontory Pt |
| 449.625- | BARC | 103.5 | Mt Logan |
| 145.250- | WSU | 123.0 | * coming soon |
| 449.250- | WSU | 123.0 | * coming soon |
| 145.490- | K7HEN | 123.0 | Promontory Pt |
| 146.920- | N7TOP | 123.0 | Promontory Pt |
| 449.775- | N7TOP | 123.0 | Promontory Pt |

AREA CLUB MEETINGS & WEB SITES

| CLUB | WEB SITE | DATE/TIME | LOCATION |
|---------------------|-----------------------------|---|--|
| Ogden ARC | ogdenarc.org | 3 rd Saturday 09:00 am | Check OARC web site ... |
| WC ARES | ogdenarc.org/join.html#ares | 2 nd Thursday 06:30 pm | Weber Co. Library Ogden Utah |
| WC Sheriff Comm-O | | 1 st Saturday 09:00 am | Weber Co. Sheriff Complex West 12 th Street Ogden Utah |
| Barc | barconline.org | 2 nd Saturday 10:00 am | Cache Co. Sheriffs Complex 200 North 1400 West Logan Ut |
| CSERG | dcarc.net/ares.htm/ | Last Wednesday 8:30pm | Clearfield City Hall Clearfield Utah |
| Dcarc | dcarc.net | 2 nd Saturday 10:00 am | Davis Co. Sheriff Complex Farmington Utah |
| NU Ares | home.comcast.net/~noutares/ | 3 rd Wednesday 7:00 pm | Cache Co. Sheriff Office Logan Utah |
| Uarc | xmission.com/~uarc/ | 1 st Thursday 7:30 pm | UofU EMC Bldg Room 101 Salt Lake City Utah |
| Ubet | 27meg.com/~k7ub/ | 4th Thursday 6:30 pm | BE-Thiokol: 24 East 100 South Brigham City Utah |
| Utah DX Association | udxa.org | 3 rd Wednesday check web page for details | check web page for details Salt Lake City area |
| UvhfS | ussc.com/~uvhfs/ | Each Tuesday 8:00 pm (refer to web site) | Weekly 2 meter net (no eye ball meetings) |
| WD Arc | westdesertarc.org/ | 1 st Tuesday 7:00 pm | Tooele County Courthouse Tooele Utah |
| WsuArc | arcweber.edu | 3 rd Thursday 5:30 pm | WSU Blding #4 Room ? Ogden Utah |

| LOCAL AREA NETS | | |
|----------------------------|-------------------------|---|
| DATE | CLUB | FREQ |
| Daily @ 12:30 PM mt | Utah Beehive net HF | 7.272 Mhz HF LSB |
| Daily @ 07:30 PM mt | Utah Code net HF | 3.708 Mhz HF CW |
| Daily @ 02:00 UTC | Utah Farm net HF | 3.937 Mhz HF LSB |
| | | |
| Sunday @ 8:45 AM | Ogden Old Timers HF net | 7.193 Mhz HF LSB |
| Sunday @ 7:30 PM | UBET ARC | 145.430 - 123.0 (training net) |
| Sunday @ 8:30 PM | SATERN Net | 145.900 - 123.0 |
| Sunday @ 9:00 PM | Morgan | 147.060 = simplex |
| Sunday @ 9:00 PM | UARC Info net | 146.620- no PL tone required |
| | | |
| Monday @ 9:00 PM | 2-meter SSB net | 144.250 Mhz 2-meter USB |
| | | |
| Tuesday @ 6:30 PM (winter) | Weber ARES | 448.600 - 123.0 |
| Tuesday @ 8:00 PM (summer) | Weber ARES | 448.600 - 123.0 |
| Tuesday @ 8:00 PM | VHF Society Swap | 147.120 + 100.0 |
| Tuesday @ 9:00 PM | Bridgerland ARC | 147.260 + 103.5 |
| | | |
| Wednesday @ 8:00 PM | UBET ARC | 145.290-, 145.430-, 448.300- (all 123.0) |
| Wednesday @ 8:30 PM | CSERG | 145.770 simplex |
| Wednesday @ 9:00 PM | No. Utah 10m HF net | 28.313 Mhz HF USB |
| Wednesday @ 9:00 PM | 6-meter SSB net | 50.125 Mhz 6-meter USB |
| | | |
| Thursday @ 6:30 PM | Davis Co Elmers Net | 147.040 + 123.0 New Hams |
| Thursday @ 7:00 PM | Davis ARES | 147.420 = simplex |
| Thursday @ 8:00 PM | Weber State ARC | 146.820 - 123.0 (coming soon) |
| Thursday @ 8:00PM | RACES State VHF | 145.490 - 123.0, 146.680 - 123.0 3 rd Thursday - even months only |
| | | |
| Saturday @ 8:00AM mst | RACES State HF | 3.920 Mhz HF LSB 3 rd Saturday – odd months only |
| Saturday @ 11:00AM mst | QCWA net HF | 7.272 Mhz HF LSB |

OARC OFFICERS

President: Mike Fullmer KZ7O
Vice Pres: James Clarke KD7SWL
Secretary: Joan Fullmer N7OLZ
Treasurer: Jim Southwick N7JS

Director #1: (position open)
Director #2: Kent Gardner WA7AHY

"WATTS NEWS" e-Magazine

Editor: Val Campbell K7HCP

OTHER CLUB FUNCTIONS

Webmaster: Val Campbell K7HCP
VE Liaison: Mary Hazard W7UE
Repeater Engr: Mike Fullmer KZ7O
Past President - Advisor:
Gary Liptrot N7ZI

73 es cul de W7SU

www.OgdenArc.org