



Celebrating Our 25th Anniversary!

Volume XXVI, no 2

<http://www.w8lky.org>

February 2012

Serving the Tri-County area since 1986

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You Can Design The Next Club QSL Card!

In recognition of the clubs 25th anniversary, we have announced a competition to design a 25th anniversary QSL card. This card will be used for all contacts with W8LKY, during 2012.

Also, we are soliciting certificate designs for contacts with our special event station, which will be on the air sometime in August.

So, get your best ideas together for a club QSL, and/

or Special Event Certificate. All entries should be in a format that is easily readable, but we should be able to read about any type of file.

All entries should be forwarded to Frank, WA8WHP. They'll be voted on at the March meeting. Prizes to be announced.

AARC General Classes Online!

The AARC General classes are breaking new ground, with the posting of class session audio, & video online.

At the last meeting, we were approached by a prospective student who had had to work on class night, so asked if we could record the sessions.

Ben, KD8KMQ took on the challenge, and has posted the last two sessions to his blog at: <http://monkeytoast.net/>.

Since they've been posted, we've heard from one more student who is following the class via the internet.

ARRL to Permit Use of LoTW for CQ Awards

Applicants for CQ's WPX award will soon be able to use ARRL Logbook of the World (LoTW) credits in their applications, under an agreement between CQ and the ARRL announced on January 24. Previously, ARRL had prohibited the use of its LoTW system by any outside organization. The target date for starting WPX support on LoTW is April 1, 2012. Support for additional CQ awards will follow, although no timetable has been set.

Meeting

Announcement

Our next meeting will be on Wednesday, February 8th, 2012 at the Alliance Community Hospital, in the Cafe conference room. Our meetings begin at 7:30 PM

This months program, will be a video on the Summits On The Air Program.

Before the meeting, you're invited to join us at 6pm for dinner.

This month, we'll be meeting for dinner at the Alliance Community Hospital Cafeteria,

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Editor

John Myers, KD8MQ
(See above)

Rambling

By John, KD8MQ

Hi everyone, welcome to the February issue of the Zero Beat.

Last month, I said I'd be one happy camper to be on the air on Straight Key Night. Did I make it? No, but I had the station set up, and I was able to do some listening.

The bottom line is that I found myself overwhelmed lately. Even in my downtime, it was difficult to relax. Things are improving, but don't be surprised if I take a more laid-back posture with my club duties this year.

Show us your shack!

Last month, I asked for two things; A) pictures of your shack, and B) your Straight Key Night Pictures.

I am pleased with the response; thank you! The results are in this issue.

AARC General classes

We have 5 students, and classes are moving along; not as quickly as I'd hoped, but I've always been my own worst critic. There isn't, yet, an instructors guide, or PowerPoints available for the new question pool. So, I've been making my own, likely going deeper into the subject matter than I need to.

AARC 25th Anniversary

As voted on at the last club meeting, our 25th anniversary celebration will consist of printing special QSL cards to be used for all contacts with W8LKY this year. Also, a special 25th anniversary certificate for all con-

(Continued on page 6)

Meetings

The Alliance Amateur Radio Club meets on the Second Wednesday of each month. Check the meeting announcement on page 1, for the location. Talk-in is on 145.37 R.

Meetings begin at 7:30 PM. Visitors are always welcome.

Nets

Thursday is our "net night," with the following nets held:

Ten meters

CW @ 8PM on 28.400 MHz
SSB @ 8:30PM on 28.400 MHz

2 meters

9 PM on 145.37 MHz

The Homeland security Net meets on the last Tuesday of the month, at 8:00 PM, on 147.51 simplex

Internet

Web: www.w8lky.org

E-mail: W8lky@w8lky.org

We are also on Facebook!

Newsletter Information

The Zero Beat is a publication of the
Alliance Amateur Radio Club
P.O. Box 3344
Alliance, OH 44601

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You can submit material to the Zero Beat via e-mail to kd8mq1@gmail.com

January Minutes

January 4, 2012

The regular meeting of the Alliance Amateur Radio Club was held on January 4, 2012 at 7:30 PM in the first floor conference room of the Alliance Community Hospital with club President John Myers (KD8MQ) presiding.

The pledge of allegiance was recited followed by introductions.

There were 15 members present along with

- Miriam Sanor,
- Elaine McDaniel,
- Dana Evans (KC8LKB) and guests
- Don Kemp (NN8B),
- Dave Sprouse (N8GOB),
- Art Barbetta (N8RKA),
- Frank Tompkins (W8EZT)
- Chuck Lazear (N8PLM).

President John announced birthdays for the month which included Tony (KD8BBK) and Art (N8RKA).

Secretary Don (AB8KV) gave the Secretary's report. He noted that the December minutes were in the newsletter and then reported that Dave (N8NLZ) was in the hospital with pneumonia. He added that phone calls and cards would be appreciated but please don't visit if you have a cold or other bug. With nothing further, the Secretary's report was approved on a motion by Frank (WA8WHP) and seconded by VP Howard (K8DXR).

The Treasurer's report was then given by Treasurer Mary Ann (KB8IVS) and was approved on a motion by Don (K8OMO) and seconded by Tony.

Committee reports/old business:

•ARES & nets: Don (K8OMO) noted that the Homeland Security net was still operating well with the simplex repeater still shut down. He added that he had checked in with the PCARS ARES net.

•President John then handed out awards to VP Howard, which included a certificate for serving as Vice President for three years, a pin for being the second place operator at Field Day 2011 and a certificate for providing the ribs at Field Day.

•Classes: President John noted that the General license classes will begin Tuesday, January 10 at 7:00 PM and that six people had signed up so far. The instructor's books had already been received with student books on order. The cost of the books are \$22.50 each. The classes will be held in a room next to the library at Marlinton high school. John was hopeful that a VE session might be scheduled for the last class.

•John then addressed the issue of the 25th club

anniversary celebration. Frank proposed a motion that a contest among club members be held to design a QSL card and certificate for the celebration and any special event operations associated with it. This would include a prize for the final QSL design chosen. There followed some discussion about what kind of special events and how many might be held, with no final plans set in place at this meeting.

Don (K8OMO) reminded the club that anyone desiring to operate using the club call sign needed his permission to do so.

After some further discussion, President John seconded Frank's motion and it was approved on a voice vote. It was decided that submissions should be made by the March meeting.

•Butch (WA8SHP) told the club that the Info-Tech unit the club had obtained had been cleaned up and was operational. He and Don (K8OMO) described the unit and how it was used and noted that it was available for anyone to borrow and use. John then requested that information about the unit be sent to him to be included in the newsletter.

•John then reminded the club about upcoming ham-fests. These included the Tusco event on January 29 and Mansfield on February 12.

(Continued on page 4)

Wayback Machine-cont.

(Continued from page 20)

latest foxhunt. The foxes, were Don, K8OMO, and Dave, KC8WY, who used a continually rotating antenna to confound, & confuse the hunters.

•Jack Bennett, W8WEN had been chosen our 1992 Ham of the Year.

•WI8T, WX8G, and N8LVO worked the ARRL 160 meter contest from a portable location in Mahoning county.

•6 weeks later, they were one of two multi-op teams from the club who took on the CQWW 160 meter contest. The other team was N8DZA (now K8LTG), KF8LZ, and KC3CL.

February, 1997 (Editor, N8SH)

•Don, K8OMO had submitted an interesting article on his experiences with grey-line DX.

•The 1986 Christmas party seems to have been replaced with a mid-winter party scheduled for January. Ham of the Year ballots were to be submitted by the end of the January 2nd meeting.

•K8OMO was chosen as Ham of the Year.

•No more information had been received concerning the K8JZN scholarship fund.

•The Canton ARC was sponsoring Novice-Tech licensing classes at the Stark County Safety building.

•We were collecting E-mail addresses from our

members. As of this issue, we had 9 club members on line.

•Jerry noted that the temperature was 65 degrees on January 4th, 1987.

•

February, 2002 (editor, KD8MQ)

•The announcement was made that the Zero Beat was going to be published bi-monthly until October, to better accommodate the editors schedule.

•The first ever "Super Meeting" of Stark County area clubs was scheduled for March 27th. The scheduled speaker was Joe Phillips, K8QOE.

February, 2007, (Editor, K8VE)

•New part 97 rules were set to take effect in February, 2007. The rules abolished the Novice, Tech Plus, & Advanced licenses, and did away with the code requirement for all licenses.

•An interesting story reprinted from the pages of Electronic Design, was titled "Who Really Invented Radio?".

Minutes-cont

(Continued from page 3)

With no further items to discuss, the club business meeting was adjourned for the break at 8:05 PM. After the break, Frank (W8EZT) presented a program about station grounding.

Minutes respectfully submitted by Don (AB8KV), Secretary.

Lightsquared claims GPS tests were rigged

In the January 23, issue of Network World, there was a small item regarding Lightsquared communications; the carrier which wants to set up a LTE(Long-term Evolution) network near the frequencies which are allocated to GPS satellites.

Apparently, they failed a GPS interference test in November. Lightsquared is complaining that they were "set up to fail" the test. They claim that the tests were rigged by the GPS makers who submitted old, and incomplete GPS units for testing.

Lightsquared is seeking a waiver from the FCC requirement, which requires that all harmful interference to GPS be resolved.

Care & Feeding of the Pet Ham

The Pet Ham is one of the most intelligent of pets; often seemingly almost human.

But he can also be one of the most difficult to raise. Only a person with a great deal of patience and understanding should attempt to raise a Pet Ham.

The following is a short guide to some of the most important things that you should know about caring for your Pet Ham:

Living Area

Your Pet Ham should have a private area of his own; an entire room, if possible, where he will not be disturbed. He will spend many happy hours alone there with his collection of "treasures" (These usually consist of boxes, bits of metal, glass, plastic, paper, etc that he will bring home regularly). He should be encouraged to confine his activities to this nest room -- in order to protect the rest of the house from his natural tendency towards noise, clutter, and making holes in the walls.

Expenses

Raising your Pet Ham can turn into an expensive hobby. But, unlike most pets, the Pet Ham can often be trained to work outside the home for short periods and so bring in enough money to cover part or all of his expenses.

Feeding

The well behaved Pet Ham will be able to eat with the family on occasion. But he usually feels more comfortable and secure if he can take many of his meals in the privacy of his nest room. It will be your responsibility to see that your Pet Ham is kept well supplied with food and drink during the long periods of time that he will spend alone in his nest room

Housekeeping

Most Pet Hams can be trained to use the family toilet facilities. But an occasional stubborn case requires a porta-potty in the nest room- The Pet Ham can be trained to respond to a few simple commands; the easiest for him being SIT and SPEAK. Once your Pet Ham has learned these commands, he will sometimes practice them on his own for hours at a time.

Health Care

The Pet Ham is especially subject to the minor irritations of lower back pain and sorethroat -- from too much sitting and speaking.

Traveling

Your Pet Ham will gladly travel with you in the family car if he is allowed to bring along some of the collection from his nest room. His favorite trips will be to places where he can associate with Pet Hams from other families.

Breeding

If you plan to breed

your Pet Ham, you should do so as soon as possible after you get him. As the Pet Ham matures he becomes more and more reluctant to engage in any activities not connected with his nest room collection.

(This is from one of the old newsletters. In the interest of continuing education, it is re-peated here.)

Digi-QST?

(Here's an excerpt from this month's "Weavers Words". To put this in context, Jim is describing the latest ARRL Board meeting)

ONE TOPIC MANY members will appreciate is a free, digital version of QST via the Internet. This version offers the ability to read our membership journal online in a manner quite similar to that in which we read the hard-copy version. It also offers the ability to include full schematics and other information that sometimes can merely be referenced in the print edition, as well as direct links to items contained in the ads.

Becoming accustomed to the online version may require a little familiarization, but I believe it will become a welcome enhancement to membership.

It is inevitable that two questions regarding digi-QST will arise. The first is if a member can opt-out of receiving the hard-copy version.

The answer: yes. The second question is: Is there a reduction in dues for members who opt-out of the print version. The answer to this is no. The hard-copy version is financed largely by advertisement, not by membership dues.

Digi-QST should be unveiled yet this winter or early spring.

Rambling-cont.

tacts with our special event station in August.

You can have a hand in the design of each. More info on the competition will be found in this issue.

3rd Annual Stark County VHF QSO Party

Well, here we go again. Can you work all of Stark County? Look for the info in next months issue. I'd have premiered it this month, but I have a new addition this year, which I need to run past the board first.

The dates for this years contest will be April 7th, from 12 noon - 6 PM.

It should be noted that there was a major oops in scoring the last contest. This resulted in 2 club plaques being issued; one in error. The fault was entirely mine, due to a family emergency which we were dealing with at that time.

The error **will not** be repeated.

ARRL Diamond DXCC Challenge

Is anyone working towards this one? If so, please let me know, so we can post our club standings in the newsletter. Information was in last months zero Beat. The Last Word

That's all I have for this month. I hope to see you at the next meeting. 73, de John, KD8MQ

Winter Field day

Thanks to Tony, KD8BBK for forwarding these photos of Winter Field Day 2012.

Tony, along with Mike, KD8ENV, Scott, N3JJT, and Tom, WD8MBE invaded Mikes cabin for this years event.

Winter Field Day, sponsored by SPAR (Society for the Preservation of Amateur Radio) is held every January. If nothing else, it reminds us that we need to be prepared for emergencies, no matter when they occur; not just on the 4th weekend in June.



Shack Shots

Thanks to everyone who submitted pictures for Shack Shots. It's not too late to get your shack into the Zero Beat.

(top: Tony, KD8BBK,
Middle 2: Jim, K8LTG
Bottom: Mary, KD8RFZ)



AARC Swap n Shop!

Do you have something Ham-related for sale, or something you are wanting to buy? Nothing to list this month. If you have something, contact KD8MQ; His e-mail address is below.

From various estates, come the following. Better grab a cup of coffee. This is a long list. Call Don, K8OMO (330-823-5639) for more information on the following.

- ARRL Repeater Directories 1994, 95, 97, 98, 99,2001
- Satellite Experimenters Handbook (2nd Edition)
- ARRL Antenna Handbook (16th Edition)
- 1992 ARRL Handbook (Hardback Edition)
- 1950 Radio Amateur Handbook \$10
- 1958 Radio Amateurs Callbook Hardcover
- 1996 Radio Amateurs Callbook
- Extra Class License Manual (5th edition)
- FCC Rule Book (9th Edition)
- Packet Radio (2nd Edition)
- Packet Radio Handbook, by Glen Rogers, K4ABT
- Satellite Handbook
- 1996 ARRL Handbook
- 1959 ARRL Handbook
- Police Call frequency Guide (1994)
- CDE Rotator, + Box, & Mounting plates
- Roll of cable (RG-59?)
- Air Balun (N Connectors) copper 2 Meter
- Simpson VOM in case
- H & B Data switch
- Tuner – Coax & wire (Looks good!)
- Weather alert Radio
- Home Made Dipole

If interested, contact Don, K8OMO, at 330-823-5639

(Continued on page 9)

Swap & Shop rules: We'll keep the rules simple.

1. All ads will run for two months, unless you contact me to cancel, or extend it.
2. You are allowed to post anything as long as it is Ham Radio, or Computer related.
3. Please, no converted CB equipment.

To place an ad: contact John, KD8MQ (e-mail: kd8mq@arrl.net)

AARC Swap n Shop!

(Continued from page 8)

- 2 cell phone antennas
- F connectors
- 14 panel meters
- MFJ 989 Antenna Tuner (Air Roller inductor)
- Bencher paddle (has 3 buttons on side for triggering memory keyer)
- Train Transformer
- 3 Low Pass Filters
- Western Union Signal Set
- Wall Speaker
- Antron 2M/440 Mag Mount
- CB type Rubber Duck
- Motorola Car Speaker
- Motorola P-10 Handheld
- 2 Climbing Belts (Nylon – Rose Mfg)
- Midland CB
- Realistic CB
- ARRL License Manual (13th edition)
- CQ Magazine
- 1961
- April, 1953
- Assorted QST Magazines:
- August, 1950
- April, 1951
- February, 1952
- June, 1953
- November, 1953
- February, 1953

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AARC Swap n Shop!

(Continued from page 9)

If interested, contact Don, K8OMO, at 330-823-5639

- April, 1954
- March, 1954
- August, 1954
- February, 1954
- February, 1955
- May, 1955
- Window Coax feed-through panel (has SO-239 connectors)
- 50' CAT5 Cable
- HR40 Key, on Board
- Bird 19" Watt Meter & Pickup
- 8877 RF Deck (All Copper)
- Air Castle Shortwave Radio (AC/DC)
- Assorted Crystals
- 2 boxes of ECG MOV's
- NOS 6.3V Filament Transformer
- Crimp on N Connectors
- IC3-AT Accessories
- 2 YH55 Headphones
- Heil Proset Boom set
- Misc Box of Cables
- 2 Mtr Mag Mount
- 440 Ringo Ranger
- 2 Meter Ringo Ranger
- 10 Meter Vertical
- 10 Meter Vertical (Needs painted)
- 10 meter antenna (Broken NMO connector, No Base)
- TE Systems 0510G 6 Meter Mobile Amp

(Continued on page 11)

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AARC Swap n Shop!

(Continued from page 10)

If interested, contact Don, K8OMO, at 330-823-5639

- Field Strength/SWR Tester (HF)
- Watt/SWR Meter (HF + 11 Meter)
- RadioShack SWR/Power meter (2 KW HF)
- MFJ-924 UHF antenna tuner
- Homebrew 4 position coax switch
- Royal Sound SWR/Field Strength Meter
- 50-450 MHz Signal Amp
- Cobra 19LTDII CB w/ Echo Mic
- Fanon Emergency Radio (Goes on Bicycle?)
- Microphone Stand – 2 Holders?
- GE Emergency CB Radio
- 2 Big Mouth Speakers (4" X 4")
- Nye Viking Low Pass Filter 2 KW (Square)
- Nye Viking Low Pass Filter 2 KW (Round)
- EF Johnson Low Pass Filter 2 KW
- Realistic 4" Speaker
- DX Solutions CT232TNC
- Astron 12V 35A Power Supply (V/A Meters)
- Antron AL1200X 2KW Amp with 10 Meter & WARC Bands
- 5 element 6 Meter Beam
- 4 sections Rohn 55G
- Yaesu GS800 Rotor
- Alinco DJ-C4 440 Credit Card radio
- 2 Parts boxes (Coax connectors, plugs, lightning arrestors, AC adaptors, lots of etc.
- Various lengths of Coax, jumpers, etc.
- Software for Packratt
- White PVC Center loaded antenna Frequency unknown

(Continued on page 12)

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AARC Swap n Shop!

(Continued from page 11)

If interested, contact Don, K8OMO, at 330-823-5639

- 2 Push to Talk Foot switches
- Vacuum Variable Capacitor 5-30pF
- Tubes
- 8321 Amperex
- 4X150 JAN
- 3 4X150A Eimac
- 4X150A Jan
- K4XD2871 (11 pin – same size as a 4X150)
- 2 8072 (Final for a Signal One)
- 416B Western Electric
- 1E35225 VHF/UHF Tube
- 2 7289 (Jan – includes RF Mount + Blower Guide)
- 3 2C39AG RF Amp (215 – 235 MHz – Telechrome)
- 3C22 (GE 125 Watts -1.4Ghz Radar Tube)
- 3 2C39 (Eimac With Partial socket)
- 4X150D NOS in can – Eimac
- 3 4CX1500B (Eimac / JAN8660)
- 8877 (NOS Eimac)
- 7 8791 (Cermolox 1KW UHF)
- 4CX5000 (Big Tube 5KW +)
- Bird Slugs
- 25D 25 Watt / 200-500 MHz
- 1000D 1000 Watt / 200-500 MHz
- 2500W 2500 Watt / 100-250 MHz
- 25C 25 Watt / 1000-250 MHz

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AARC Swap n Shop!

(Continued from page 12)

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This is the list of books that are available

ARRL Handbook 1937 (cover is missing)
ARRL Handbook 1945
ARRL Handbook 1948
ARRL Handbook 1952
ARRL Handbook 1960
ARRL Handbook 1961
ARRL Handbook 1963
ARRL Handbook 1967
ARRL Handbook 1968
ARRL Handbook 1971
ARRL Handbook 1973
ARRL Handbook 1975
ARRL Handbook 1976
ARRL Handbook 1978

VHF UHF Manual RSGB (Radio Society of Great Britain) by G.R. Jessop C Eng Miere G6JP first edition copy write 1969

VHF UHF Manual RSGB (Radio Society of Great Britain) by G.R. Jessop C Eng Miere G6JP second edition copy write 1971

The Radio Amateurs VHF Manual ARRL 1965 First edition by Edward P. Tilton W1HDQ

The Radio Amateurs VHF Manual ARRL 1965 First edition by Edward P. Tilton W1HDQ

The Radio Amateurs VHF Manual ARRL 1965 First edition by Edward P. Tilton W1HDQ

The Radio Amateurs VHF Manual ARRL 1968 Second edition by Edward P. Tilton W1HDQ

The Radio Amateurs VHF Manual ARRL 1972 First edition by Edward P. Tilton W1HDQ FM chapters by Douglas A. Blakeslee W1KLLK

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AARC Swap n Shop!

(Continued from page 13)

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Radio Communication Hand Book with dust cover Hard back RSGB forth edition third printing Feb 1971

VHF UHF Manual with dust cover Hard back RSGB by D.S. Evans G3RPE and G.R. Jessop G6JP Third edition 1976

Radio Hand Book Hard cover ninth edition second printing copy right 1942 solid advice on how to use, design and build a ham radio repeater

The Practical Hand Book of Amateur Radio Fm & Repeaters by Bill Pasternak WA6ITF with Mike Morris WA6ILG technical advisory

Celwave Land mobile and Marine Radio Technical Hand Book by Edward M. Noll 1985

Care & Feeding of Power Grid Tubes Eimac Division of Varian by Robert I Sutherland Laboratory staff 1967

The Best of FM March 1968- June 1969 articles appeared in Fm Magazine By Ken Session K6MVH 1971

Radio Handbook twelve edition by William Orr W6SAI Editors and Engineers

The Radio hand Book fifth edition first printing 1938 by Editors of Radio

RCA receiving Tube Manual Technical Series RC-26 1968

Hints & Kinks for the Radio Amateur ARRL 1959 vol. 6

Hints & Kinks for the Radio Amateur ARRL 1968 vol. 8

New Sideband Hand Book by Don Stoner W6TNS #103 second printing 1959

VHF Projects for Amateur & Experimental by Wayne Green W2NSD First edition Sept 1972

If interested, contact Don, K8OMO, at 330-823-5639

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AARC Swap n Shop!

(Continued from page 14)

If interested, contact Don, K8OMO, at 330-823-5639

Specialized Communications Techniques For the Radio Amateur ARRL 1975 First edition
The ARRL Antenna Book 1968 eleventh edition

Bean Antenna Handbook by William I Orr copy right MCMLV First edition

The Mobile Manual for Radio Amateurs ARRL copy right 1955 First edition

The Mobile Manual for Radio Amateurs ARRL copy right 1969 second edition

The VHF Amateur by Robert M Brown K2ZSQ/W9HBF first edition 1968 Editors & Engineers

VHF Hand Book by William Orr W6SAI H G Johnson W6QKI First edition copy right MCMLV

RCA Transmitting Tubes copy right 1962 Technical Manual TT5

RCA Transmitting Tubes copy right 1962 Technical Manual TT5

RCA receiving Tube Manual Technical Series RC-17 1955

FM and Repeaters for the Radio Amateur By ARRL Headquarters staff Thomas McMullen W1SL
second edition 1974 copy right 1972 Autograph by Earl T Bromm Page 186 196

FM and Repeaters for the Radio Amateur By ARRL Headquarters staff Thomas McMullen W1SL
second edition 1974 copy right 1972

National Electrical Code 1971 copyright 1971 National Fire Protection Association second printing

Novice and Technician Handbook William Orr W6SAI and Donald Stoner W6TNS copyright
MCMLVI first edition

United States Listing 1978 Radio Amateur Callbook 56th anniversary edition 73 Special Coax
Handbook copyright 1968

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AARC Swap n Shop!

(Continued from page 15)

If interested, contact Don, K8OMO, at 330-823-5639

Ham and CB Antenna Dimension Charts by Edward M. Noll W3FWJ First edition fifth printing 1977

Radio Amateurs Mobile Handbook William I Orr W6SAI first edition copyright 1953

Public Service Communications a manual for your emergency and traffic operations Amateur Radio Public Service Corps by ARRL 25 pages

Electronic Construction Practices by Robert Lewis W8MQU copyright MCMLXI

Antennas and Antenna Systems War Department 30 November 1943 TM11-314

Catalog L General Radio Company 1948 (radio and parts book)

Operating an Amateur Radio Station copyright 1971 fifty third edition ARRL 31 pages

Ameco Amateur Radio Theory Course preparation for novice, technician, general and conditional classes of FCC licenses copyright 1963

Ameco Novice Class Radio Amateur License Guide copyright 1979 printed 1980

The Radio Amateur's License Manual copyright 1968 sixth-first edition ARRL

Principles of frequency Response text of the ISA Film Instrument Society of America copyright 1958 24 pages

Surplus Radio Conversion Manual Volume III by William I Orr copyright 1960

Most Often Needed 1926-1936 Radio Diagrams and Servicing Information cp, piled by M. N. Beitman copyright 1941 volume one

Midland Television Inc. Kansas City, Missouri put it out some are dated 1940 and 1941 -- Police Division -- Lesson 1 through 5 - Hi-Speed Radio Communications

Midland Television Inc. Kansas City, Missouri several are dated 1940 they are In 2 binders -- Aviation Division -- Lesson 1 through 35 -- Hi Speed Radio Communications

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Swap & Shop rules: We'll keep the rules simple.

1. All ads will run for two months, unless you contact me to cancel, or extend it.
2. You are allowed to post anything as long as it is Ham Radio, or Computer related.
3. Please, no converted CB equipment.

To place an ad: contact John, KD8MQ (e-mail: kd8mq@arrl.net)

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(Continued from page 16)

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Midland Television Inc. Kansas City, Missouri -- no date -- Special Unit in Radio Telegraphy -- Lesson 1 through 5 Spark Transmission, Arc Transmission, Auto Alarms, Radio Compass Equipment, and Rules and Regulations

World Wide Broadcasting Foundation University club Boston Mass. Modern Radio Course Section I

Kenyon Amateur Transmitter Manual A Manual of outstanding xmth circuits by Kenyon Transformer Co. Inc.

Hamanual Third edition Amateurs' Transmitter Circuits by Stancor

Federal Civil Defense Guide February 1967 Emergency communications

ARRL Handbook 1987

Restricted TM 11-850 War Department Technical Manual Radio Receivers BC-312-(), BC-314-(), BC342-(), and BC-344-() June 4, 1942

How to Pass Radio License Examination by Charles E Drew copyright 1938 front cover missing.

Magazines

Communication Engineering 1953 complete Jan-Feb 1954

Radio-Craft Dec 1942, May, June 1943, Nov Dec 1944, Apr Sept Oct Nov Dec 1946, Feb Jun Jul Aug Nov Dec 1947, Jan through Aug 1948

Radio-Electronics Oct 1948, Jan Feb Mar Jun Jul Aug Sept Oct Nov Dec 1959 Jan Feb Mar Apr May 1950

FM and Television July 1947, July 1949, Jan May Jun Jul Aug Sept Oct Nov Dec 1950, Jan through Dec 1951, Jan through Dec 1952

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Radio June July 1942, Nov Dec 1943, Jan Apr 1944

Communications Apr 1947, Mar Apr May Jun 1948, Feb Mar Apr May Jun Jul Aug Oct Nov 1949

Radio News May 1938, Jul Sept Oct Nov Dec 1940, Jan Jun Jul Aug Sept Oct Nov Dec 1941, Jan Feb Mar Apr May Jun Jul Aug Sept Nov Dec 1942, Jan Feb Mar Apr May Jun Jul Aug Oct Nov Dec 1943, Jan Feb Mar May Jul Sept Oct 1944, Jan Feb 1945

Complete set of Ham Radio magazines

miscellaneous 73's CQ, and QST

If interested, contact Don, K8OMO, at 330-823-5639

Comet CHA-250b Vertical Ant. 80-6m. 23.5 ft. tall. No radials required
Contact Doug, KB8DNQ, at KB8DNQ@hotmail.com

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February 2012

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																																																				
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Alliance Amateur Radio Club
P.O. Box 3344
Alliance, OH 44601

The AARC Wayback Machine

Here again are some of the highlights from the last 20 years of the Zero Beat. you can read them at <http://www.w8lky.org/newsltrs/>.

February, 1987 (Editor, KB8AKQ)

- The latest venture of the AARC was a raffle of a Yaesu FT-209 HT. The winning ticket was to be drawn at the Annual meeting in May, 1987

- Four members had either upgraded, or were in the process:

- Bob, N8HUI upgraded to Extra
- Patti, N8FVU upgraded to Advanced
- John, KD8MQ passed 20WPM for extra
- Ron, KC8VG (now WC8F) also passed his 20 WPM.

- The Eastern Stark County ARES Net, precursor to today's Thursday night net had just begun.

Net manager was John, KD8MQ. At that time, we replayed the Westlink report, which was similar to today's AR Newslines.

- Eric, N8HHV was drumming up support for a two meter code practice net. Times were tentatively set for Tuesday, and Thursday nights, at 7 PM.

- Dick Rutan, KB6LQS, and Jeana Yeager, KB6LQR, had just completed the first round the world un-refueled flight. Their plane was named "Voyager"

- Planning for the AARC's first ever Mall Show was in the works. We were setting up at the Carnation Mall in conjunction with the "Balsa Bees".

- We had ten students in our latest Novice classes.

February, 1992 (Editor, KC3CL)

- KC3CL, and KB8LJN had won the AARC's

(Continued on page 4)