

AMATEUR RADIO A NATIONAL RESOURCE

FC-ARC QSO'ER JANUARY 1989

	FOX CITIES AMATEUR RADIO CLUB	
A	<u>(SPECIAL SERVICE CLUB)</u>	A
R	CLUB STATION "W9ZL"	R
R	318 EAST BREWSTER STREET	R
L	APPLETON, WISCONSIN 54911	L
	ARRL CLUB NO. 2132	

***** 1988 - 1989 BOARD *****

PRESIDENT:	LARRY SIEBERS	KD9IA	788-3823
VICE PRESIDENT:	DON BAKER	NB9J	766-3886
SECRETARY:	DAVE BOLAND	W9NWX	836-3275
TREASURER:	LES PARDEE	KA9MPP	766-1750
MEMBERSHIP COORD:	JIM SHEETZ	K9OQO	739-7695

The December 19, 1988 meeting was called to order at 7:00 pm by Vice President Don Baker, NB9J. The meeting was held at Roosevelt Jr. High School.

APPROVAL OF MINUTES: Minutes were read and approved .

TREASURER'S REPORT:(BALANCE) \$1506.67 as of December 19, 1988 plus \$ 580.66 in special Hamfest account

***** THE NEXT MEETING WILL BE JANUARY 16th *****

FCARC HAMFEST

The FCARC Hamfest and raffle is at the present time, THE ONLY FUND-RAISING EVENT the club has. This being the case members are expected to sell at least ten tickets to provide the financial base the club needs to continue.

In other words, we need YOU to invest some of your time and money in the club so that we can continue providing its many worthwhile programs.

We are sending each club member 10 raffle tickets with this newsletter. If you need more tickets see Les, KA9MPP at the meeting. Either bring your money and stubs to the meeting or mail them to Les Pardee, KA9MPP , 1005 Lawe St., Kaukauna, Wi. 54130.

INFORMATIONAL ITEMS

1. VOLUNTEER EXAMS -Mike, KN9P reported that the exam session on December 10 at Roosevelt 17 people tested with 5 upgrades. In the three years our VE team has existed they have given tests in 6 cities, tested 299 people with 159 upgrades. (N=9 T=69 G=32 A=27 E=22)
2. EMERGENCY COMMUNICATIONS - Wayne, WD9FLJ reported that all Outagamie County ARES members should have received their mailing. Mike, WB9BBI is new asst EC, Don, NB9J is other asst EC.
3. NON-EMERGENCY COMMUNICATIONS - Don, NB9J reported that a bus will be going to the swapfest in Waukesha on Jan 14, need 30 people/\$12.00 each. Contact Don for more info.
4. HAMFEST 89 - It was reported that the Hamfest date will be March 4th at Appleton East HS commons. Raffle tickets are available - see Les, KA9MPP to get yours. This year all the prizes are cash.
5. FCARC LOGO - Don, NB9J reported on the cost, etc of getting the club logo made so that it could be included on club plaques/awards. It was moved, seconded and passed that the club have the logo made.
6. HAM OF THE YEAR - Members at the meeting voted for the ham of the year - results will be at winter banquet.
7. WINTER BANQUET - Will be on Jan 28, 1989 6:30 PM at Liberty Hall 1200 W.Kimberly Ave. Kimberly, Wi. Cost is \$7.50 per person. Sign up and pay Les, KA9MPP or send him a check. Lets have a good attendance (of 1/6 only 37 were signed up).
8. FIELD DAY - Rick, N9ALF and Wayne, WD9FLJ have offered to head up a field day team. Their offer was accepted. The field day site will be Clayton School, HY45 Neenah. The Green Bay club has offered the use of some generators and possibly some people. Lets start thinking of how we can make this field day a great success. Contact Rick or Wayne with ideas and offers to help/operate.
9. The December prize winners were: 50/50 drawing for \$11.00 - Kate Dean and a WorldRadio subscription - Hub, W9OUT.
10. Those present for the December meeting were the following:

W9NWX	KH9JAC	KA9MPP	NB9J	WB9BBI	N9ALF
KE9MV	N9ECS	K9DHR	KA9TGR	KA9NNI	N9CSG
K9OQO	K9JZI	KA9MSR	N9DCW	WD9FLJ	W9UVZ

AC9E	ND9Z	WD9GOR	KB9AMW	W9OUT	KA9BXG
NQ9F	KN9P	W9EYT	WD9CYW	N8IOJ	N9ACP
WD9HID	W9TA	WA9GON	C.VANDERBURGT		M.SIETH
M.CHRISTENSEN		J.SHEETZ			

33% of membership in attendance

MISCELLANEOUS

1. The December program was the Christmas Social - thanks to all who brought "goodies".
2. Wayne, WD9FLJ discussed the Red Cross 4X4 program. If you are interested in helping contact Wayne for more details
3. Jim, K9OQO passed around the membership information sheet for correction. Check with Jim at a meeting to confirm the listed information if you didn't check your info.
4. We need volunteers to help with food and admissions for the Hamfest - if you can help let George, W9MDP know.
5. Elections will be held in May. If you are interested in running or willing to be on the nominating committee, contact Don, NB9J.

JANUARY PROGRAM

MARS and TRAFFIC HANDLING

BOB DUNN, N9GJI/NNN0AKF and ERNEST CHRISTENSEN RMC,USN NNN0ASG

WELCOME WELCOME WELCOME

Thank you for joining our club and we are looking forward to having you become an active member

BOB DUESCHER, KA9BXG

FOR SALE :KENWOOD 430S HF RIG
 KENWOOD PS30 POWER SUPPLY
 KENWOOD AT250 AUTO ANTENNA TUNER
 SOME TUBE EQUIPMENT
 TOWER SECTION CONTACT ANDY PETERSON
 733 - 0828

Radio waves can cook toxic wastes right out of the soil...

" A Chicago research group says it can clean up the nation's toxic waste dumps by zapping them with low-frequency radio waves. The technique literally cooks hazardous wastes out of the soil, say scientists with the IIT Research Institute.

See Business Week 11/21/88 p117 for article.

Amateur Radio Call Signs as of 11/1/88

Group A	WE9C
Group B	KE9NQ
Group C	N9HXL
Group D	KB9QB

See page 77 of January QST for current US Amateur frequency allocations.

FCC has increases the maximum VEC fee for exams to \$ 4.75. Also, the FCC requires that your ORIGINAL licence be presented for proof at examination sessions. Without it you can be denied the chance to take the exam you applied for.

If you did not receive a copy of the FCARC library listing at the last meeting see one of the officers at a meeting to get your copy.

Respectfully submitted,
David P. Boland, W9NWY
Secretary/Newsletter Editor
FOX CITIES AMATEUR RADIO CLUB

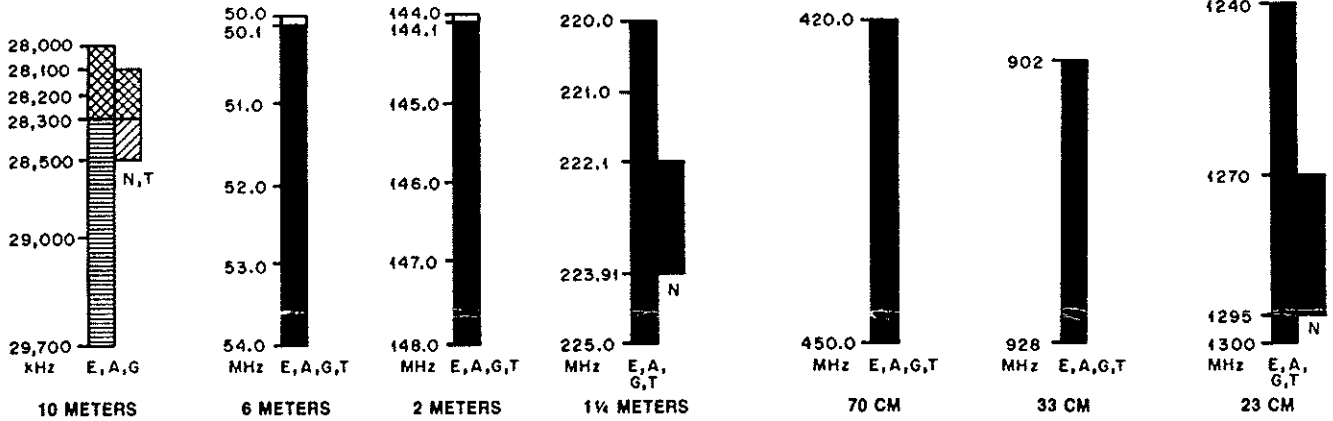
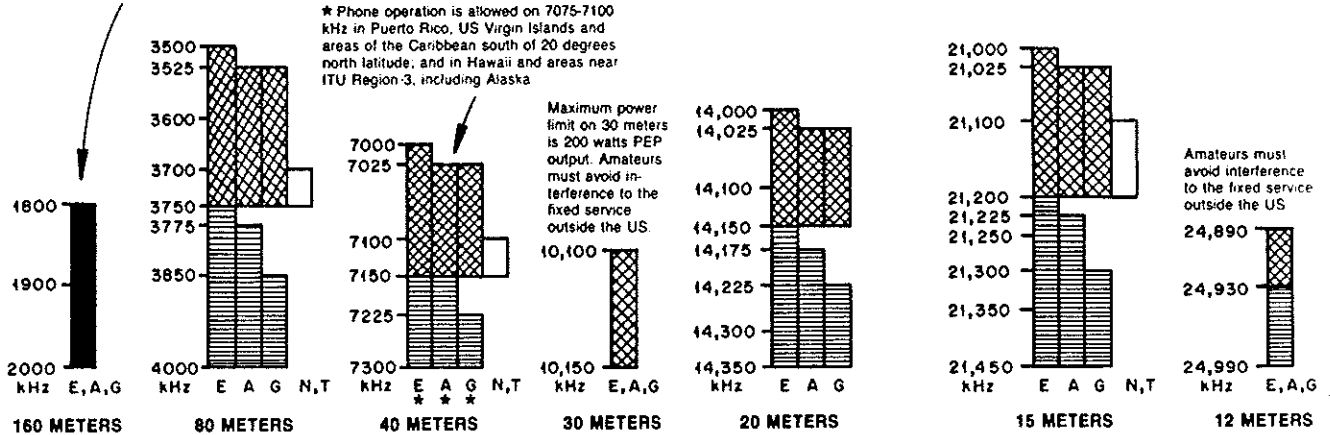
Amateur stations operating at 1900-2000 kHz must not cause harmful interference to the radiolocation service and are afforded no protection from radiolocation operations; see January 1986 Happenings for details.

US AMATEUR BANDS

(Effective 0001Z, March 21, 1987)

* Phone operation is allowed on 7075-7100 kHz in Puerto Rico, US Virgin Islands and areas of the Caribbean south of 20 degrees north latitude, and in Hawaii and areas near ITU Region 3, including Alaska

Maximum power limit on 30 METERS is 200 watts PEP output. Amateurs must avoid interference to the fixed service outside the US.



Operators with Technician class licenses and above may operate on all amateur bands above 50 MHz. For more detailed information see *The FCC Rule Book*.

5167.5 kHz Alaska emergency use only (SSB only) E, A, G, T, N

- = CW ONLY
- ▨ = CW AND RTTY
- ▤ = CW, VOICE, SSTV AND FAX
- = CW, VOICE, SSTV, FAX AND RTTY
- ▩ = CW AND SSB
- E = EXTRA
- A = ADVANCED
- G = GENERAL
- T = TECHNICIAN
- N = NOVICE

US AMATEUR POWER LIMITS

At all times, transmitter power should be kept down to that necessary to carry out the desired communications. Power is rated in watts PEP output. Unless otherwise stated, the maximum power output is 1500 W. Power for all license classes is limited to 200 W in the 10.100-10.150 MHz band and in all Novice subbands below 28.100 MHz. Novices and Technicians are restricted to 200 W in the 28.100-28.500 MHz subband. In addition, Novices are restricted to 25 W in the 222.1-223.91 MHz subband and 5 W in the 1270-1295 MHz subband.

The "Considerate Operator's Frequency Guide"

Some frequencies that are generally recognized for certain modes or certain activities (all frequencies are in MHz):

1.800- 1.830	CW, RTTY and other narrow-band modes	14.070-14.0995	RTTY
1.830- 1.840	CW, RTTY and other narrow-band modes; intercontinental QSOs only	14.100	NCDXF beacons
1.840- 1.850	CW, SSB, SSTV and other wide-band modes; intercontinental QSOs only	14.230	SSTV
1.850- 2.000	CW, phone, SSTV and other wide-band modes	14.313	Maritime mobile
3.590	RTTY DX	21.070-21.100	RTTY
3.610- 3.630	RTTY	21.340	SSTV
3.790- 3.800	"DX window"	24.920-24.930	RTTY
3.845	SSTV	28.070-28.150	RTTY
7.040	RTTY DX	28.200-28.300	Beacons
7.080- 7.100	RTTY	28.680	SSTV
7.171	SSTV	29.300-29.510	Satellite downlinks
10.140-10.150	RTTY	29.520-29.580	Repeater inputs
		29.600	FM simplex
		29.620-29.680	Repeater outputs

ARRL band plans for bands above 29.300 MHz are shown in the ARRL *Repeater Directory* and *The FCC Rule Book*. For suggested packet frequencies, see p 54, Sept 1987 *QST* and p 51, Mar 1988 *QST*.

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