



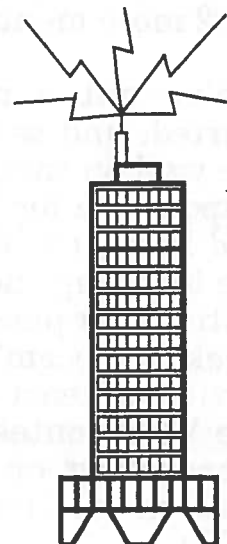
# XARC

## Monthly Newsletter

The Voice of the Xerox Amateur Radio Club

Xerox  
Amateur  
Radio Club

WB2SUN/R  
224.26/444.825  
KE2MK/R  
145.29



Bob Karz	K2OID	President
Shannon Wixsom	WV2J	Vice President
Mike Ishler	KE2LU	Secretary
Rick LaDonna	N2IJI	Treasurer
Pete Secrist	WB2SUN	Repeater
John Wright	KE2MK	Trustees

November 8, 1990

### Next Club Meeting

**November 15th, 1715 hrs**

**Ed Kessler will speak on**

**M.A.R.S.**

### **ALSO** **ELECTIONS!**

### Changes in the Wind

Recent communications from the Corporate offices indicates that recreational DL's will disappear at the end of the year. As this may include the XARC DL we need to contemplate the alternatives. We could start a private DL, send hardcopies or not communicate at all (Hams not communicate?). In the event we resort to hardcopy please be sure your membership application reflects your correct internal address.

### **Nominated for Club Office**

The following people were nominated for club offices:

<b>President-</b>	<b>Bob Karz</b>
<b>Vice President-</b>	<b>Mike Ishler</b>
<b>Secretary-</b>	<b>Pete Fournia</b>
<b>Treasurer-</b>	<b>Rick LaDonna</b>
<b>Repeater Trustee-</b>	<b>John Wright</b>

As you can see it will be a hard fought election and I hope a clean one. I for one have seen enough mud slinging for one year.

### Karzs Corner-

Field Day results are out and we are all to be congratulated. 166 out of 517 is a **very respectable showing indeed**. In fact, we would have done about 11 places better if only we'd worked two more novice stations on CW for the 100 additional bonus points. One of the most striking aspects of our score was that 44 stations actually had **MORE** contacts than us but **FEWER** points. That's because they (a) made most of their contacts on phone and/or (b) they didn't aggressively go after bonus points. In contrast, only 4 stations had fewer contacts but more points. Next year our effort will be bigger and better I'm sure

as we continue to gain experience. Only 7 1/2 more months to FD'91!

We've got a new group of novices started, and several of last year's class are well on their way to upgrading. I'm responsible for honing their CW skills, and Barry (N2EVS) and Mike (KE2LU) are teaching theory. They are all right on track for passing the exam the second week in December. That gives the new novices at least a shot at participating in the VHF contest at the end of January (depending on whether the holidays slow down license processing at the FCC).

On October 29th we successfully participated in a Los Angeles County civil defense exercise by linking up with the El Segundo emergency preparedness team and passing a number of fictitious messages back and forth. The major lesson learned is that it's much easier to make contact than it is to pass traffic quickly, accurately and efficiently. We could all use a little practice. We are trying to QSO with EL Segundo monthly, and we gladly welcome volunteer operators. Please contact Ray Crandall (WR2T), Barry Rickett (N2EVS), or me if you're interested.

We finally had the Webster Sesquicentennial QSL's printed, and they're beautiful if I do say so myself. If you worked the station on September 7, please send me a QSL and I'd be more than happy to QSL back.

Bonnie, KB2JQP, Lisa, KB2JQQ, Sam, KE2OX, and I helped out at the Webster Marching Band's "Autumn Fanfare" last month. Joe Rowe, AG2Y (also from Xerox and hopefully soon to be a member of the club) helped as well. In addition, we had most of Pete's (WB2SUN) VHF gear and his moral support from home where he was a bit "under the weather". If you weren't able to make it to Autumn Fanfare this year,

keep it in mind for next year. It's lots of fun (especially if it doesn't rain - hi hi) and greatly appreciated.

Pete's "retiring" as repeater trustee to devote more time to his responsibilities as an officer at RARA. However, he plans to continue to help on the repeater committees. I'd like to express my appreciation to Peter for being a driving force in establishing our club repeaters and for sticking with it for so many years.

Along those lines, I now know why we have the best repeater site in Western NY. I joined a work group a week ago Sunday on top of the Square to prepare the site for the new two meter machine. The view from there is nothing short of astounding. You literally look down on **EVERYTHING** from up there including the TV transmitting towers on Pinnacle Hill. The reason you can work the machine from Batavia to the Bristol Hills to the Other side of Sodas is that you can actually see at least that far from the roof!

The station in 337 is in fine shape. In fact, it's at least as good as anyone's home rig, so if you haven't checked it out lately give Barry (N2EVS) a call. It's lots of fun to operate, and with a tribander at 60 feet and a 600 watt amp, it's not hard at all to be heard through the QRM and QRN.

We have another great meeting planned this month. Rick LaDonna (N2IJV) has invited Ed Kessler to speak to us about the Military Affiliated Radio Service better known as MARS. Please note that the meeting is scheduled for 5:15 PM. The elections to follow should be at least as interesting as those we had earlier this month. See you there.

73 for now.

Bob, K2OID

## Repeater Memory Assignments

It has been some time since there has been a general 'maintenance' of the memory assignments for the XARC repeater. In conversation with our club treasurer, we decided that the first of January he will provide me with a list of 'PAID' members. At that point I will attempt to contact those who have memory assignments but who have not paid their 1990 / 1991 dues to determine if they are going to continue to be members. I then will be purging the memory of all locations which are not assigned to dues paying XARC members. This activity will also include the associate members who have assignments in the other block of memories.

Thanx Barry N2EZX  
Repeater Memory Coordinator

## Club Library

The club now has a library which is used to maintain copies of equipment manuals and related articles of projects, radio mods and the like. Anything which may now or in the future be of interest to amateur radio is appropriate to include in the library. Anyone who has ever purchased a used piece of equipment without the manual and then tried to get a copy of the manual can appreciate the value of this library. I am soliciting all of you to make copies of any manuals or related articles you may have and mail them to me for inclusion in the library. I will occasionally publish an index of what is in the library and of course queries are welcome at any time.

Thanx Barry N2EZX

## QSL Cards

I would like to make a display for the XARC club station of members' QSL cards. To that end, would ALL members of the club please forward to me a blank QSL of theirs so I can put this display together to be shown at the club station in building 337?

Thanx Barry N2EZX

## The Club Station

The last year and a half have seen us through some pretty dramatic changes to our club station located in Building 337.

We first were finally successful in getting our tower up on top of the building. This gives us approximately 60 feet of elevation at our antennas. Of course, what good is a tower if you don't have antennas to put on it? So we followed by obtaining and installing a Mosley Classic 33, three element, tri-band beam, a 5 element 6 meter beam, and a 440 isopole. These were in addition to the Cushcraft 20 element, dual polarized 2 meter beam we already owned. A couple of months ago we purchased a Mosley TA33 for use during field day or any other event. We also have a Cushcraft 5 band vertical on the roof of the recreation building.

Inside, we retired the HW101 to back-up service in favor of a Kenwood TS140s and an Ameritron 600 watt amplifier. These items were provided to us by west coast Xerox security to enable our functionality as part of their Emergency Communications Preparedness effort. We also purchased a Yaesu FT610b, which is a solid state 6 meter rig. It will get a workout in the January Sweepstakes effort. We've added a 24 hour clock to the station, an MS-DOS personal computer with 20 meg hard drive, 2 Xerox 820II systems, an oscilloscope, and various other small

items to enhance the stations capabilities.

At the risk of stealing some of their thunder, I will briefly mention we have a couple of active committees pursuing / enhancing our emergency communications capabilities with the west coast and the rest of the world and also working towards a club operated MARS station ( Military Affiliated Radio Service ).

Our near future plans are to buy a 220Mhz antenna and get it mounted on the roof and to procure a Packet TNC so we can enable the relatively new digital mode of Packet radio. We are also looking into a set of paddles and an electronic keyer for those of you who prefer the old 'Charlie Whiskey' mode of operation.

I would be remiss if I didn't mention that changes like these don't just happen. We are very fortunate that we have a good group of members who are always there and ready to help when you need them. It is by them and through them that we see the extraordinary changes and improvements such as I have just outlined. You who have helped know who you are, the rest of us owe you, at a minimum, a sincere thank you!

Lastly, the performance of our HF station has been described by KE2MK as like "shootin' fish in a barrel". If you like solid, reliable communications, and breaking through pileups to grab the 'rare' ones, then you'll love our station. If you haven't tried it, please do so. The station is available to all club members. If you need any more information, contact me or any of the club officers.  
Barry N2EVS

## Equipment loans

As many of you know the XARC has recently increased its equipment inventory by leaps and bounds over what we had just a short time ago. I

have been asked, as the chairman of the station committee, to publish a list of equipment which is available for short term loan to members of the club. When borrowing a piece of equipment, a note should be left in the club station with the item borrowed, the date borrowed, the anticipated return date, and the borrowers name and call.

The following is a list of equipment located at the station in building 337 which is available for lending per the above guidelines. All other items are not to be removed from the station for personal use.

Heathkit HW101 transceiver with speaker and power supply  
KDK 2 Meter FM transceiver  
12 volt power supply (blue box type)  
Bird wattmeter, 3 - 30 Mhz, up to 100W  
Kenwood VHF/UHF watt/SWR meter, 140 - 500 Mhz  
Headphones  
ARRL Handbook  
ARRL Antenna book  
US and Foreign area call books (1988 issue)  
Software library disks, Amateur related, ( 5 1/4 and 3 1/2 DSDD disks)

All of the equipment located at the station is, of course, there for the use of all our members at any time. I would strongly encourage you to use the station. The performance of the station is better than most would imagine.

Thanx Barry

## QSL Cards Available

Members wishing to have one of the QSL cards from the 50th anniversary station should contact Gene Parker x22245 there are a limited quantity available.

**Do you have QSL cards to send?**

As a club we are entitled to combine ARRL members cards in one mailing. Just order your cards as always, include current mailing label from QST and give them to one of the club officers.

## Is your ARRL membership up for renewal?

If so remember to renew through the club. See Mike Ishler(x28964) for details.

## Hamfests/Auctions

If anyone knows the dates of a hamfest not listed here please forward the information to Mike Ishler ~~114/22D~~

## For Sale/Wanted

The following are items for sale.

-----  
Tektronix 310A scope  
w/manual \$85  
contact Fred Miller WO2P x29126  
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Yaesu FT-707 8 band,solid state,digital  
xcvr,240w dc input  
Yaesu FV-707DM matching digital 12  
memory vfo  
Yaesu FC-707 matching swr / pwr mtr,  
ant tuner, dummy load  
mic, mobile mounting bracket, relay box  
for amp, all books.  
contact Gary Bauer, KA2CKR X26715  
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## Minutes of the July Meeting of XARC

After a talk on packet radio the business meeting was called to order by President Bob Karz at 2033 hrs. on Thursday the 18th of October 1990. There were 14 members and 2 visitors present. The reading of the minutes was waived as they are included in the newsletter. The treasurer's report was not presented but is as follows:

### XARC TREASURERS REPORT 10-18-90

<b>Balance 9-27-90</b>	<b>\$1,111.01</b>
<b>Income:</b>	
6 Meter Amp(MP)	\$ 80.00
Student Texts(5 Novice + 2T/G)	\$ 91.95
Dues(2)	<u>\$ 20.00</u>
<b>Total Income</b>	<b>\$ 191.95</b>
<b>Expenses:</b>	
Student Texts	\$ 199.64
Contest Software	\$ 25.00
6 Meter Amp	\$ 240.00
Repeater Antennas	<u>\$ 171.00</u>
<b>Total Expenses</b>	<b>\$ 635.64</b>
<b>Accounts:</b>	
Savings Account	\$ 184.89
Checking Account	\$ 290.48
Funds on Hand	<u>\$ 191.95</u>
<b>Total Funds (10-18-90)</b>	<b>\$ 667.32</b>
<b>Funds Allocated:</b>	
Repeater Funds	\$ 351.32
Antenna	<u>\$ 171.00</u>
<b>Total Allocated</b>	<b>\$ 180.32</b>
<b>Total Funds Available (10-18-90)</b>	<b>\$ 487.00</b>
<b>Misc Accounting:</b>	
2 Meter Duplexer Fund(Collected)	\$ 485.00
Power Supplies(Collected)	<u>\$1,310.00</u>

Richard LaDonna N2IJI

**Treasurer**

**Long range planning committee report:**

No report...

**Club Station report:**

No report...

**Repeater Committee report:**

Barry reported we had permission to drill another access hole for the coax for the new repeater.

John reported that the committee for the repeater upgrade was in place and the target date for putting everything on line was Dec. 6th.

**Membership and Training:**

New class for Novice, Tech and General has started.

**Packet Report:**

No report...

**Special Events/Field Day report:**

Bob reported that the QSL cards for the Webster Special Event station arrived. Bob would also like to organize a club special event.

**Program Committee report:**

Ed Kessler is scheduled to give a talk on packet at the November meeting.

**Old Business:**

The check for the logging program has not been sent yet.

There is no progress on the keyer project, a paddle has not been purchased yet.

Barry again asked for donations for the club library.

Bob thanked Rick and Barry for their work in getting the linear amp on the air.

The west coast links are still in operation and disaster exercise is scheduled for next month.

Ray Crandall has agreed to coordinate the nets

Bob has held discussion regarding access to the radio room with no concrete resolution yet. In the event of a disaster we need prompt access.

**New Business:**

Mike Ishler is getting power supply manuals printed, to be available next month.

Barry asked for \$60 for a 220 antenna as part of the continuing effort to improve the facilities at the club station. Moved, seconded and passed.

The JOTA(Jamboree On The Air) was a big success, Barry and a group of scouts manning his station from 4:30 pm to 10 pm.

Barry made a request that the designation of HF station for the club station in 337 be changed simply to club station. This is in the form of a bylaws amendment and must be voted on next month. There were no opponents.

It was also requested that the by laws be amended to remove the 2 year maximum for holding office from every position except president. There was no disagreement. This item must be voted on next month also.

The following were nominated for offices in the club-

President- Bob Karz

Vice President- Mike Ishler

Secretary- Pete Fournia

Treasurer- Rick LaDonna

Repeater Trustee- John Wright

Meeting adjourned 2125

### **Agenda for November**

#### **Election of Club Officers**

#### **MARS Radio talk By Ed Kessler**

- "The acceptance of members into the MARS program is based on the needs of the program." This is how the propaganda goes. I don't think that any qualified person would be turned down. There are certain areas of the State that either have no members or only have one or two active members. These areas would have applicants accepted almost immediately.
- We are looking for members who are willing to go through the training programs and be trained in the military traffic handling procedures. Because we provide back-up communications for the military, we must know the military procedures.
- We do not want people who have been handling NTS type traffic and who expect to show MARS members how to handle traffic.
- Some people want to join the MARS program because they might have a son or daughter in the service and wish to communicate with their son or daughter. This can't be done. We can't send traffic to personnel stationed aboard ships even if the ship is in drydock here in the CONUS. Some Marine Units in the



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Western Pacific are mobile forces and could be anywhere in the world at any time.

- We are looking for members who will be willing to make a commitment to the program. Some people want to join the program to receive military surplus equipment. There are very few pieces of surplus equipment available and these would go to active members who request a piece of surplus equipment.

- Band usage (USB):

Time	Frequency	Purpose
9:00 am	4042.5 Khz	Traffic (Except Sunday which is Admin Net)
5:00 pm	4045 Khz	Traffic
6:30 pm	4008.5 Khz	Traffic
7:00 pm	4042.5 Khz	Traffic
8:00 pm	148.375 Mhz	Local MARS repeater ( + 600), Monday night or as required
9:00 pm	4042.5 Khz	Traffic

- The participation requirement is 18 hours per quarter. This is less than 2 nets per week. One hour of participation will be given for each net that a member checks into (whether the net runs 5 minutes or 1 hour (the 9:00 am and the 5:00 pm nets are the only ones that could (but never) run for an entire hour)).

**Official Ballot**

**If unable to attend the meeting**

**Return to the secretary by 5pm November 15th 1990**

**Please vote for one candidate per office.**

<b>President-</b>	<b>Bob Karz</b>	<b>.....</b>
<b>Vice President-</b>	<b>Mike Ishler</b>	<b>.....</b>
<b>Secretary-</b>	<b>Pete Fournia</b>	<b>.....</b>
<b>Treasurer-</b>	<b>Rick Ladonna</b>	<b>.....</b>
<b>Repeater Trustee-</b>	<b>John Wright</b>	<b>.....</b>

**Return to Mike Ishler 139-24A**

**or**

**Ishler:Wbst129:Xerox**