



XARC

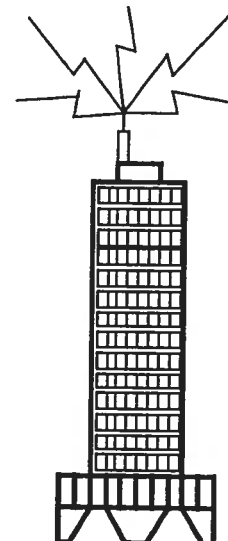
Monthly Newsletter

The Voice of the Xerox Amateur Radio Club

Bob Karz	K2OID	President
Mike Ishler	KE2LU	Vice President
Pete Fournia	WA2BPQ	Secretary
Rick LaDonna	N2IJI	Treasurer
John Wright	KE2MK	Trustee

Xerox
Amateur
Radio Club

KE2MK/R
224.26/444.825
145.29



March 15, 1991

Next Club Meeting March 21st, 1730 hrs Antenna Repair

Club Antennas Take a Beating

A recent work party began the restoration of the club's antenna system by removing the tangled mess from the tower on the recreation building. As bad as it looked from the ground, closer inspection as we disassembled the various antennas revealed much less damage than had been expected. The 440 Isopole separated at the mast before it had the opportunity to driven through the roof when the mast buckled. The 2 meter cross beam suffered several broken and bent elements plus a broken bracket on the matching unit, all easily repairable. perhaps the worst hit was the 6 meter beam which suffered several broken and bent elements. Some TLC and new tubing and it should be as good as new. The Tri bander survived amazingly well one of the elements rotated on the boom and one of the driven elements now droops up instead of down, an easy

repair. The rotor suffered a broken bracket and several stripped bolts, it will be disassembled and checked for internal damage. Probably worst hit was the mast which has a peculiar "J" shape to it. The Butternut suffered a bent tube near the base which will be easily repairable. All in all we were extremely luck as it could have been far worse. The club station should be back on the air soon.

Barry and I took a trip to the Square to survey the repeater and found that the antenna system suffered no damage but that due to the erratic nature of the repeater we decided to shut it down to avoid possible damage.

Big Gun

The club has been donated a UHF (463.925 Mhz) radio from maintenance Xerox Square. As of right now, we don't have any paperwork to go along with it. We're trying to locate some documentation. We can discuss it at the club meeting, but I think this unit would make a dandy 446.000 Mhz January contest radio. It's a 100 watt unit. Right now it's setting in my garage. I can keep it for a short time but not for long, I

don't have the space and that's not a good environment for it.

*** Anyone want to take it on as a project for the club? ***

By the way, my 19 year old and I had ALL we could do to get this in the back of my station wagon, and then the rear door wouldn't close. It completely fills a 7 foot high rack mount cabinet and I estimate it weighs about 300 to 350 pounds, and you all know how I judge weights.

Thanx es 73's
Barry N2EZS

Karzs Corner-

And how did your antennas survive the ice storm? For the club station, the answer is not too well. I've been informed that the lower rotator mounting bracket on the tower failed and that everything above it (the two meter beam, the six meter beam, and the tribander) are hanging from the coax.

The topic for the meeting will be a damage repair clinic. Bring your problems, your expertise, and your ideas, and lets see what we can do to get club members and the club station back on the air as soon as possible.

I discovered during the ice storm that ownership of a generator made me VERY popular. My 2.2 KW unit (the old noisy one that occasionally pops up at Field Day) saw quite a bit of use. At last count its been to nine homes, the last three of which were total strangers. It was returned to me with a new spark plug and a new "top of the line" gas can.

On a new topic, I had an opportunity, with the assistance of Mike Ishler, KE2LU, to do a little "Elmering" for a

new ham last month. Most of the people who take our licensing course are in one way or other associated with Xerox. These people either have family members or co-workers who are hams and typically don't have much trouble getting on the air. An exception is Mike Wren, KB2LWY. Mike's a high school freshman in Webster (14 years old) who has listened to hams on 2 meters using his dad's scanner. He first saw hams in action providing communications at the Webster High School Marching Band's "Autumn Fanfare" tournament in 1988. He has limited resources and no experience setting up a ham station.

With mid winter vacation approaching last month, it seemed a pity to let it pass without getting him on the air, so I asked around and found that Mike Ishler had a SB-102 transceiver he was willing to loan to KB2LWY. I took the 10 meter dipole we used for the special events station last fall, and with some string we threaded it through some trees in his back yard. We must have done something right, because the antenna survived the ice storm completely unscathed!

His family gathered around, and we fired it up. The second contact was UA0FF on Sakhalin Island off the coast of Siberia north of Japan. Talk about making a good first impression! I must admit that with my tribander, my frequency synthesized state of the art (almost) TS-930, and my KW amp, I tend to forget what you can do with a simple rig and an even simpler antenna. Now, over 200 QSOs later, Mike's thoroughly hooked. His parents tell me he's watching much less TV, he's learned a lot about geography, he's met many nice folks (he's even had a few skeds), and he's got a new restriction in his life - he has to finish his homework before he turns on the rig.

From my perspective, I've gotten a lot of pleasure from Elmering a new Novice into the hobby and seeing the enjoyment it has brought him. Mike's already started working towards his tech, and he's looking to buy a used rig so KE2LU can get his SB-102 back. Originally Mike wanted a solid state rig to use with a dipole, but now that he's seen what the older gear can do, he wants a SB-102 or similar equipment, and he plans to use the money he'll save for a tribander on the roof. This kid learns fast.

73 for now.

Bob, K2OID

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

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 a 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 Rick LaDonna(x29477) for details.

Hamfests/Auctions

If anyone knows the dates of a hamfest not listed here please forward the information to Mike Ishler 139/24A , Ishler:Wbst129:Xerox

These are extrapolated dates:

March 30———Drumlins Hamfest
April 27 ———Auburn Hamfest
May 4———Oswego Hamfest
May 17-19 ——Rochester Hamfest
June 15 ———Cortland Hamfest
August 24———Ithaca Hamfest
September 21—Buffalo Hamfest
September 28—Elmira Hamfest

For Sale/Wanted

The following are items for sale.

Tektronix 310A scope

w/manual

\$85

contact Fred Miller WO2P x29126

MINUTES TO MARCH 1991 MEETING

By Peter Fournia, Secretary

OLD BUSINESS

The XARC business meeting was called to order by president Bob Karz on February 21, 1991 at the club station in building 337. Fifteen members attended.

Old business focused on results of the Rochester Cup Contest. Congratulations were in order as Barry Rickett announced we had won the Rochester Cup. Barry summarized the score in each of the 8 categories. The high level of participation (96% club participation) was the key to winning this challenge. Presentation of the Rochester Cup will be made at the Rochester VHF Group dinner on April 20. Tickets to the dinner are limited to 175 with reservation cut off date being April 12. Barry, and Bob Karz have further information on this dinner. Barry moved to invite Steve Edgerton and Scott Baker to attend the banquet. Judy Stonehill seconded this motion. The motion was passed.

Awards were presented to some of the leading club scorers. The highest total score came from Russ Schroeder, W2DYY, with 9120 points. Gene Parker, KE2T, was most improved with a single log, increasing his score from 2352 last year to 6049 points this year. Pete Fournia, WA2BPQ, was most improved when counting total logs, increasing his score from 600 points last year to 5310 this year. Mike Poleshuk, KE2GZ, won the club drawing. Mike took home the "ARRL Antenna Book". The club officers and meeting attendees appreciated the high level of participation from the club membership.

Two new call signs were received by members who upgraded to technician. They are Lisa Karz, N2LPQ and Bonnie Kaplan, N2LPP. Cindy Rickett kept her call sign, KB2LWT.

The Curtis Keyer will be pursued for the club station.

People renewing their ARRL membership are reminded to do so thru the club. The club is returned \$2 from ARRL. Please renew via sending your completed ARRL renewal to treasurer Rick LaDonna in building 102-03L with a check made payable to XARC. Rick will forward your renewal to ARRL with a club check.

Rick LaDonna reports that the local Boy Scouts of America will operate from Camp Cuttler under the call sign K2BSA on Saturday, May 5.

NEW BUSINESS

The RDXA has asked XARC to help with communications at the May 5 Crop Walk. Tony Hubbard is coordinating communications.

A suggestion was made by Jim Taylor at assist Dr. Douglas Stockman with his medical clinic in Liberia. A recent article about this clinic and Dr. Stockman's experience was covered in a recent D&C article. The suggestion was for Dr. Stockman to address the club regarding his project and experiences in Liberia. Furthermore, there is a need for radio education, equipment assistance and communication assistance.

REPEATER COMMITTEE

Rick LaDonna reported the 2 meter repeater was up again and the controller was operating. Intermod problems required raising the squelch threshold. This has seriously degraded the repeater range. John Wright has made arrangements with Rich Place to borrow and tune 2 additional cavities, bring the total to 6, in an attempt to reduce the intermod problem. John has worked with Rich to tune the 220 receiver. It has been returned and is ready for reinstall.

MEETING PRESENTATION

Judy Stonehill gave a highly informative and interesting presentation of her research into communication among whales. She displayed equipment used to detect and record whale songs. With help of slides and tape, Judy related the many interesting experiences from her project, particularly close encounters with these mammoth animals. Judy hopes to voice print individual whales to assist with identification and tracking them. This, in turn, helps researchers understand communication patterns of whales and may better protect the species.

XARC TREASURERS REPORT 2-21-91

Balance 1-17-91	\$ 969.31
Income:	
Dues(21)	\$ 210.00
Dues Family(7)	\$ 7.00
ARRL Renewals	<u>\$ 68.00</u>

Total Income\$ 285.00

Expenses:

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ARRL(Renewals)	\$ 64.00
ARRL(QSL)	\$ 2.00
K2OID(Plaques)	\$ 37.10
Trophy Shack(Plaques)	<u>\$ 62.49</u>

Total Expenses	\$ 165.59
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Accounts:

Savings Account	\$ 187.09
Checking Account	<u>\$ 901.63</u>

Total Funds (2-21-91)	\$ 1088.72
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Funds Allocated:

Repeater Funds	\$ 70.21
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Total Allocated	\$ 70.21
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Total Funds Available (2-21-91)	\$ 1018.51
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Richard LaDonna N2IJI
Treasurer

XEROX Amateur Radio Club, 4/91 - Paid Members (* = ARRL)

Name	Mail Code	Xerox Tel	Home Tel	Call/Class	Electronic Mail	Home Address
Antonelli, Alex	201-03S	24379	266-8567	KD2LZ/A	A Anto:Wbst201A	200Hillview Dr., Rochester NY 14622
Antonelli, Robert,J				KA2VZC		see Alex Anotelli
Alexander, Dave		29470	315-789-3869	N2LEP/T		160 Cherry St, Geneva NY 14456
Avery, Stanley*			473-3150	KE2UX/A		5900 Moran Rd., Canandaigua NY 14424
Buch,James I*	212-06S	21286	377-5063	KB2HVL/A		55 Maple Hill Farm Rd. Penfield NY 14526
Crandall, Raymond*	114-39D	21797	334-7720	WR2T/E	WR2T:Wbst128	PO Box 23444, Rochester NY 14692
Crandell, Mel*	207-06C	28945	315-597-9725	KB2LWZ/N	MGC:Wbst207V	4015 Ontario Ctr Rd.,Walworth NY 14568
Denno, Suzanne	139-24A	25288	473-5834		Denno:Wbst139	1350 East Ave. #5, Rochester NY 14610
Donovan, Brian*	845-17S	28188	524-2696	WA2CRR/A	BWD:Wbst845	1681 Paddy Lane, Ontario NY 14519
Erhart, Frank*			265-3106	KC2EX/A		147 Judsin St. Webster, NY 14580
Facci, Joanne*			671-6641	KB2JQM		893 Copper Kettle Rd, Webster NY 14580
Facci, John S*	114-39D	26696	671-6641	WK2N/E	Facci:Wbst128	893 Copper Kettle Rd, Webster NY 14580
Faucz, Eugene*	201-03L	29711	671-4315	KE2OW/A	Faucz:Wbst128	608 Hickory La,Webster NY 14580
Floyd, Larry*	114-23D	24758	328-3768	KB2JDT/N		57 Ewangeline St., Rochester NY 14619
Fournia, Peter G*	311-02J	28732	377-0535	WA2BPQ/A	PGF:Wbst311	28 Woodlyn Way, Penfield NY 14526
Germain, Dick	114-20D	28918	671-0202	KE2LY/A	Germain:Wbst128	856 Bridle Lane, Webster NY 14580
Graves, Becky				KB2JQN/N		see Jim Graves
Graves, Jim	129-71B	27610	315-524-4731	N2LPO/T	James Graves:Wbst129	2128 Bear Creek Dr., Ontario NY 14519
Graves, Steven				KB2LWX/N		see Jim Graves
Guentner,James A*	806	37250	671-8199	KB2UW/A		1521 Empire Blvd, Webster NY 14580
Hughes, Bill*	129-78A	24742	315-524-7802	KB2AVM/N	WNH:Wbst129	4667 Boynton Rd., Walworth NY 14568
Ishler, J Michael*	139-24A	26791	524-7903	KE2LU/A	Ishler:Wbst129	2141 Apple Tree Dr, Ontario NY 14519
Karz, Lisa*			872-6739	N2LPQ/T		1202 Fox Hollow, Webster NY 14580
Karz, Robert S*	311-01C	29530	872-6739	K2OID/E	Karz:Wbst311	1202 Fox Hollow, Webster NY 14580
Karz, Sara*			872-6739	KB2LWW		1202 Fox Hollow, Webster NY 14580

XEROX Amateur Radio Club, 7/14/91 - Paid Members (* = ARRL)

Name	Mail Code	Xerox Tel	Home Tel	Call/Class	Electronic Mail	Home Address
Kessler, Sherin Ed	806-01C	37215	464-8885	W2EQW/A	SEK:WBST845	120 Lehigh Ave, Rochester NY 14619
Kohnen, Lou	128-53E	23899	872-1691	K2ANC/E	Kohnen:Wbst128	1176 Northrup Rd, Penfield NY 14526
Kramer, Dusty*	845-17S	22999	872-1557	KA2HAZ/A	DUS:Wbst845	54 Winfield Lane, Webster NY 14580
LaDonna, Richard *	201--03L	29477	223-7219	N2IJI/A	LaDonna:Wbst128	67 Grand View Dr, Fairport NY 14450
Lannom, Jim	114-20D	22603		WA2IRT/A	Lannom:Wbst128	500 Basket Rd, Webster NY 14580
Lavery, Kris*			223-3765	KB2IQR		4 Vally Brook Dr. Fairport, NY 14450
Lavery, Larry*	129-37A	25799	223-3765	WW2J/E	Lavery:Wbst129	4 Vally Brook Dr. Fairport, NY 14450
Lightsey, Wayne*	809-01A	31446	396-2329	KB6CSP/A	Wligh:Roc809XBS	4022P West Lake Rd, Canandaigua NY 14424
Miller, Fred*	128-53E	29126	315-524-3486	WO2P	FMiller:Wbst128	7355 Lakeside Rd., Ontario NY 14519
Moore, Mike*			385-6563	KC2NIM		19 Buernley Rise, Pittsford, NY 14534
Moore, Susan*	XR2-17A	34528	385-6563	N2ILN/T		19 Buernley Rise, Pittsford, NY 14534
Nitschke, Gene*	129-71A	25329	265-2519	N2IJF/T	GN:Wbst128	1891 Ridge Rd Apt #3, Webster NY 14580
Parker, Gene*	114-20D	22245	544-9054	KE2T/E	Parker:Wbst128	6 Oakcrest Dr., Rochester Ny 14617
Peer, Norman P*	304-13S	24586	265-0325	N2CMF/T	Peer:WBST304	Suite 136, 159 W Main St, Webster NY 14580
Poleshuk, Michael*	201-03L	29758	265-3942	KE2GZ/A	Poleshuk:Wbst128	1216 Wildflower Dr, Webster NY 14580
Randall, John M*	311-21H	21450	787-1622	KE2QW/A	Randall:Wbst311	659 Galleon Dr, Webster NY 14580
Rickett, Barry*	311-25L	20359	248-2673	N2EZS/A	N2EZS:Wbst311	14 Vincent Dr, Pittsford NY 14534
Rickett, Cynthia				KB2LWT/T		See Barry Rickett
Rickett, Matthew				KA2RDU/N		See Barry Rickett
Rickett, Kevin				KA2WNE/N		See Barry Rickett
Rowe, Joseph *	801-22A	71066	787-2403	AG2Y/E	JHR:Henr801B	504 Granger Dr., Webster NY 14580
Schroeder, Russ	207-03B	27272	248-5453	W2DYY/A	Schroeder:Wbst207V	32 Hallmark Rd., Rochester, NY 14625
Secrist, Peter D*	223-09S	25998	265-2028	WB25UN/E	P Sec:Wbst223	257 Dunning Av, Webster NY 14580
Shearer, Richard*	311-10M	21775	315-597-9395	KA2EFG/T		2326 Vandy Drive, Palmyra NY 14522
Snelling, Chris*	806-01A	37179	586-3834	WA2WNW/G	Snelling:Wbst128	5 High Meadow Dr, Penfield NY 14526

XEROX Amateur Radio Club, 4/91 - Paid Members (* = ARRL)

Name	Mail Code	Xerox Tel	Home Tel	Call/Class	Electronic Mail	Home Address
Snelling, Dave			586-3834	N2JPN/T		See Chis Snelling
Sokac, Russell J*	147-15A		594-0984	N2IGS/A	Russ Sokac: Wbst147	5 Tyler Terrace, Rochester NY 14624
Sweet, Dave	129-36A	24361	377-2219	N2BHL/A	David J Sweet: Wbst129	2136 Penfield Rd, Penfield NY 14526
Stonehill, Judith*	128-53E	23529	582-2074	N2KXS/A	Stonehill: Wbst128	730 Mendon Ionia Rd., Honeyoe Falls NY 14472
Taylor, James	105-64C		265-9394	W2OZH		1257 Wildeflower Dr. Webster NY 14580
Turner, Carrol				KB2JQU/T		See Joyce Turner
Turner, Joyce E	801-52A	76450	328-7537	KB2JQV/T	JTURN: HENR801A	27 Roxborough Rd, Rochester NY 14619
Verzulli, Steve	801-36A	75348	671-8907	KA1CNF/T	Steven Verzulli: Hent801C	524 Adams Circle, Webster, NY 14580
Wixsom, Shannon *	139-24A	26791	288-8830	WV2J/E	Wix: Wbst139	16 Alford St, Rochester NY 14602
Wright, John S*	128-29E	25130	223-3702	KB2MK/A	KE2MK: Wbst128	62 Grand View Dr Fairport, NY 14450

XEROX Amateur Radio Club, 1/28/91 - Associate Members (* = ARRL)

Name	Mail Code	Xerox Tel	Home Tel	Call/Class	Electronic Mail	Home Address
Kester, Robert*				K2JJT		57 Mosley Circle, Fairport NY
Tupis, Ev			638-8269	WB2ELB		558 Edmonds Rd, Brockport NY 14420