

THE EASTERN IOWA DXer

Eastern Iowa DX Association Newsletter - September 1986

HAPPY FALL de W0VX, Editor

OCTOBER MEETING

Friday, OCTOBER 3, 7:30 PM

Linn County REC

999 35th St., Marion

The program remains uncertain at this time. Either a DXpedition or a travel log are very likely possibilities.

ELECTIONS

The Fall meeting is the election meeting. We have some 50 or so members in the club so we should be able to find some good officers. In selecting new officers consideration should be given to the individual's willingness to serve, his administrative ability, and his dedication to the EIDX.

It has been fun serving as EIDX Vice President and EIDX Editor this past year but I will not be running for office next year. This is the 4th time (not consecutively) I have held office since we formed the club back in the early 70's and it is time to step aside and make room for fresh ideas. Many things have changed since the club was formed but the enthusiasm of the DXer remains the same. Come to the meeting and help select enthusiastic officers for the 1986/87 year.

REPEATER

All is not well with the repeater antenna. According to Al, KOVM, we need to replace a coax on the tower and perform an inspection and possible repair of the antenna. Several weeks ago Al found the antenna coax filled with water, again. The signal seems to be back up for the time being but it seems a permanent solution will be needed. Al would like to get reports on how the signal is doing compared to other repeaters like W0SQ on 146.76 and/or simplex stations.

If you are willing to help work on the antenna let Al know or make it know on the Monday night net. We need about 6 or so guys to get the job done and to scope out what we really need to do. We will try to get this done one Saturday in September so that a report can be made at the meeting. We may need to pass the hat at the meeting if a new antenna is needed.

CONTESTS

CQWW PHONE - October 25-26
Sweepstakes CW - November 1-2
Sweepstakes PHONE - November 15-16
CQWW CW - November 29-30
ARRL 160 Meter - December 5-7
ARRL 10 Meter - December 13-14

DUES DUE

Club dues for the 1986/87 DX year are now due. Dues of \$5.00 are due and payable at the September (October) meeting each year. Please plan to pay up at the meeting or mail a check for \$5.00 to K0GT so that you remain a member in good standing. Dues must be paid by the January meeting or you will be dropped from the rolls. Support the EIDX - PAY YOUR DUES!

EIDX BANQUET

The annual EIDX Banquet meeting was held on June 14 at the Longbranch in Cedar Rapids. The event was attended by over 40 members and guests. Members in attendance were KZOC, KAOCEH, W0EAN, W0EJ, K0GVB, KJOH, KOIR, W0IZ, W0MJJ, NKON, NCOO, WOPPF, W0SML, KA0SSZ, KOVM, W0VX, KOVZR, KC0DX, KE0Y, WA9YZN, A60Z, and KFOZ.

The normal business meeting was dispensed with so that we could get on with the good food and fellowship. Bob Locher, W9KNI, was the featured speaker with a talk on some of the more humorous aspects of DXing.

After Bob's talk we gave away over \$350 in door prizes. The luck winners were: Repeater Directory - KCOXK, FCC Rule Book - N0G0B, QRP Notebook - KOVM, DXCC Countries List - W0VX, FM & Repeaters - WOPPF, ARRL Handbook - K0GVB, Pliers - WA9YZN, Wire Stripper - W9KNI, DX Edge - KFOZ, QZ DX Subscription - NKON, CQ Subscription - KCOXK, CQ Subscription - KOVZR, The DX Bulletin Subscription - WOPPF, DX Callbook - KFOH, US Callbook - K0GVB, Bencher Paddle - KAOCEH. Spouse winners of a floral arrangement from Bezdek's were Ruth Joy, Patty Ernst, Jenny Carsner, Barb White, Karen Vinson, and Judy Kramer.

Thanks to ARRL (Paul Grauer, W0FIR), QZ DX, CQ Magazine, The DX Bulletin, and Bencher for their contributions of door prizes. Also thanks to my wife Judi for preparing the floral arrangements. We are already looking forward to the next one!

EIDX NET

The EIDX Net continues to meet every Monday on 145.19 at 9:00 PM local time. Check ins have been down somewhat over the summer with an average of 6 to 10 stations. This is the best way to keep up on what is going on in the club not to mention what is happening on the DX bands. Members and non-members with or without information are always welcome. Join us!

HR DX BULLETIN NR 35 FROM ARRL HEADQUARTERS
NEWINGTON CT AUGUST 29, 1986
TO ALL RADIO AMATEURS BT

THANKS TO KB1BE AND THE CONNECTICUT DX ASSOCIATION FOR THE FOLLOWING INFORMATION.

ASCENSION ISLAND. ZD8SW WILL BE OPERATED BY STUART, GODFW, DURING A TWO YEAR ASSIGNMENT ON ASCENSION. HE IS ACTIVE AROUND 2125Z ON 14209 KHZ.

USSR ON 75 METERS. CLASS 1 STATIONS, THE HIGHEST CLASS IN THE SOVIET UNION, WILL BE ALLOWED TO OPERATE BETWEEN 3650 AND 3800 KHZ DURING ELEVEN CONTEST WEEKENDS. THE LIST OF CONTESTS INCLUDES ARRL DX, CQ WORLDWIDE DX, WPX, WAE, CQ M, OK DX, YO DX, LZ DX, VK/ZL AND ALL ASIAN CONTEST.

FALKLAND ISLANDS. CLUB STATION VP8FIR IS ACTIVE ON SSB, CW AND RTTY. QSL TO PO BOX 260, MOUNT PLEASANT AIRPORT, FALKLAND ISLANDS, SOUTH ATLANTIC.

COCOS ISLANDS. THOSE DXERS STILL WAITING FOR T19CF QSLS FOR THE FEBRUARY 1984 DXPEDITION HAVE GOOD NEWS. W3HMK IS EXPECTING 2000 UNOPENED ENVELOPES AND THE LOGS FOR THIS OPERATION. JOE WILL TRY TO EXPEDITE QSL RETURNS.

NEW CALEDONIA. TO COMMEMORATE THE 25TH ANNIVERSARY OF THE AMATEUR RADIO ASSOCIATION OF NEW CALEDONIA, THE NUMBERS 25 WILL BE SUBSTITUTED IN FK CALLS UNTIL DECEMBER 31. FK25A IS THE CLUB STATION CALL. WORKING THREE STATIONS WILL QUALIFY FOR AN AWARD. QSL FK25A TO PO BOX 3506, NOUMEA, NEW CALEDONIA, SOUTH PACIFIC.

THAILAND. H50A, THE CLUB STATION IN BANGKOK, HAS BEEN HEARD AND WORKED BETWEEN 0100 AND 0140Z ON 14182 KHZ. QSL VIA RAST QSL BUREAU, GPO BOX 2008, BANGKOK 10501, THAILAND.

CLIPPERTON ISLAND. WATCH FOR F08X, OPERATED BY PIERRE, F08JP, FROM SEPTEMBER 25 TO 28 ON ALL BANDS AND MODES. PLANS ARE MOVING AHEAD FOR ANOTHER JAUNT TO CLIPPERTON.

IRAQ. Y118GD OFTEN IS FOUND ON FRIDAYS AND WEEKENDS AROUND 2100Z ON ABOUT 14226 KHZ.

U.S. VIRGIN ISLANDS. PHIL WEAVER, OF HONG KONG FAME, IS WINDING UP A LONG VACATION AS VS6CT/KP2 ON ST. THOMAS. QSL THESE CONTACTS TO KA6V.

WAKE ISLAND. BOB SMITH, WITH A NEW CALL OF KH9AC, IS OFTEN FOUND ON THE W7PHO NET ON 14227 KHZ AT 2300Z AND THE BROWN SUGAR NET, 14309 KHZ AT 0230Z. QSL TO WK6T.

40 METER TIPS,

7J1ACH	7001 TO 7005 KHZ AT 1130 TO 1230Z		
9M2DK	7002 KHZ AT 1200Z	FK25F6	7008 KHZ AT 1115Z
FK25CR	7085 KHZ AT 0718Z	KJ6DS	7003 KHZ AT 1100Z
SV1DO	7003 KHZ AT 0330Z	VK9NL	7017 KHZ AT 1210Z
VQ9GB	7009 KHZ AT 1152Z	YC4FRX	7003 KHZ AT 1043Z AR

HR PROPAGATION FORECAST BULLETIN NR 34 FROM ARRL HEADQUARTERS
NEWINGTON CT AUGUST 25, 1986
TO ALL RADIO AMATEURS BT

FOR REASONS YET UNKNOWN, THE MWV PROPAGATION BULLETIN SERVICE WAS REDUCED IN SCOPE AFTER AUGUST 20. THE GEOMAGNETIC K INDEX, FORMERLY UPDATED EVERY THREE HOURS, IS NOW CHANGED ONLY TWICE DAILY. IF THIS IS TO BE A PERMANENT ARRANGEMENT THE K INDEX INFORMATION WILL BE MUCH LESS USEFUL FOR SHORT TERM FORECASTING. THE NEW FORMAT STILL WORKS FOR KEEPING PROPAGATION RECORDS IN CHART FORM, BUT THE IMMEDIACY OF THE EIGHT K VALUES DAILY WILL BE SORELY MISSED.

SO FAR IN AUGUST THE SOLAR FLUX HAS AVERAGED ABOUT 68, NOT A GOOD FIGURE FOR IMPROVED DX CONDITIONS ON 21, 24, AND 28 MHZ. DX WILL BE SLIGHTLY BETTER ON THESE BANDS THIS FALL EVEN WITH SUCH QUIET SUN FIGURES, BUT THE LOWER AMATEUR BANDS WILL REMAIN THE PRIME DX TERRITORY UNTIL ABOUT A YEAR OF THE NEW CYCLE HAS PASSED. IF CYCLE 21 TURNS OUT TO BE OF AVERAGE LENGTH WE WILL HAVE AT LEAST A YEAR TO WAIT FOR A SIGNIFICANT UPTURN.

DURING THE FORECAST WEEK WE MAY SEE SLIGHTLY HIGHER FLUX VALUES, BUT PROBABLY NOT ENOUGH TO CHANGE THE PROPAGATION PICTURE MATERIALLY. THE GEOMAGNETIC DISTURBANCE OF THE PAST FEW DAYS IS CALMING DOWN, BUT REALLY QUIET MAGNETIC FIELD CONDITIONS ARE NOT LIKELY UNTIL ABOUT SEPTEMBER 3. THE FIRST HALF OF THE NEW MONTH SHOULD BRING FAIRLY GOOD PROPAGATION ON ALL DX FREQUENCIES, AND BY THEN THE SEASONAL EFFECTS MENTIONED IN PREVIOUS BULLETINS WILL BE WORKING TO THE ADVANTAGE OF THE TEMPERATE LATITUDES OF THE NORTHERN HEMISPHERE AR

LATEST CALLS

As of August 1 the latest calls issued by the FCC were Extra - NUOD, Advanced - KEOKK, General - N0HJB, Novice - KA0YMF.

DXCC OPENING

HQ is looking to fill a vacancy in the Assistant DXCC Manager position. Applicants must hold General Class or higher and have a high degree of accuracy and neatness in record keeping. Interest in DXing and DX call signs helpful.

Duties include processing DXCC applications, handling routine correspondence and telephone inquiries. Salary range \$11,622-\$15,652. Contact Don Search, W3AZD, at HQ for further information.

EIDXA NET

The EIDXA Net meets every Monday on 145.19 at 9:00 PM local time. Some really good scoop gets passed on the net but you need to be there to get in on it. Join us!

NEW UPGRADES

Congratulations to KA0CEH and W0MJN on passing the Extra and to N0GQB on passing the Advanced at the Cedar Rapids Hamfest in August.

CYCLE 22: TO BEGIN 2057?

by Tom Kramer, KE0Y

As we sit here near the end of cycle 21 can any of us doubt that cycle 22 is just around the corner? But what if abundant sunspots don't materialize for the next 70 years? Could it really happen? Has it ever happened before? I can't predict the future but I can offer evidence that the sun has been without sunspots in the past. This article was prepared using information in "Eddy, John A., 'The Case of the Missing Sunspots,' May 1977, Scientific American, V236:80-8."

In 1610 Galileo was astonished to see large dark spots on the sun as he explored the heavens with his new telescope. He was the first in the western world to report such spots although they had been observed for centuries before by Oriental astronomers. In 1843 Heinrich Schwabe noted that the sunspots seemed to cycle over a period of about 10 years. Later this cycle was refined to 11.2 years.

In 1894 E. Walter Maunder published a paper in which he explained that for a period of about 70 years sunspots had been nearly non-existent. With 1893 having been a year of sunspot maximum and with Schwabe's 10 year cycle accepted, his paper was ignored by astronomers. He tried again in 1922 with the same results. Six months after publication he died while the sunspot cycle went on and on in mockery of his work.

Dr. John Eddy wrote a paper in 1977 in which he revived Maunder's ideas and set out to prove him correct. Eddy named the period of time from 1645 to 1715 the Maunder Minimum. This was a time when for 32 years not a single spot appeared on the Northern Hemisphere of the sun. For 65 years not more than a single group of spots was seen at any one time. Periods of up to 10 years went by without a single spot being seen on the sun.

What evidence has Dr. Eddy presented to justify our acceptance of the Maunder Minimum as real? Historical records of observatories support his claim. For example, in 1671 a new sunspot was reported in the scientific literature of the time by G.D. Cassini and the editor felt obliged to give a lengthy explanation to the readers, it having been 10 years since any spot had been seen. John Flamsteed, the first Astronomer Royal of England, recorded how he searched the sun for 7 years before seeing a single spot. After Schwabe proved the cyclical nature of sunspots, the periods of absence were gradually forgotten by astronomers.

We know that aurora are directly related to the number of sunspots. During the Maunder Minimum hardly any reports of aurora were made in Europe and even in Scandinavia, where today they occur almost nightly, aurora were considered portents. In 1716 Edmund Halley was so impressed with viewing an aurora (the first he had seen in his 60 years) that he felt inclined to write a scholarly paper. Eddy reports that the number of aurora sightings began to rise

sharply in 1550, dropped almost to nothing during the Maunder Minimum and then jumped by a factor of nearly 20 after 1716.

Yet another indicator of the sun's activity is the sun's corona, that blazing white ring seen around the sun during a total eclipse. Reports of a number of total eclipses between 1645 and 1715 do not mention corona. Instead astronomers reported only a thin, dull, reddish ring around the sun.

A study of the motion of sunspots shows us that the sun rotates at a rate of about 31 days at its equator. Drawings made in 1642-4 show the sun to have speeded up at least one full day. The difference between equatorial rotation and that at higher latitudes had increased by 3 fold.

We know that carbon-14 is formed in the earth's upper atmosphere by the action of cosmic rays. When the sun is active the earth's magnetic field expands and shields us from these cosmic rays and the result is a decrease in the abundance of C-14. In 1958 a Dutch investigator observed that the abundance of C-14 in the rings of trees that had grown in the late 1600's and early 1700's was abnormally high. This is exactly what we would expect in a solar minimum.

During the time of the Maunder Minimum, weather records show a cooling of the earth. This period corresponds to a time referred to by weather scientists as "The Little Ice Age." Eddy compared the C-14 data with other weather records including the advance and retreat of glaciers in Europe and found "a fit like a key in a lock." Putting all this data together Eddy plots a graph showing solar activity back to the year 3000 BC. He suggests other solar minimums have occurred centered around 1300 and 750 AD and 300, 750, and 1300 BC.

Two statements by Eddy, I think, are significant. First, "I have come to believe that in the long view the present-day frequency of sunspots and auroras is probably unusual and that since the 17th century the activity of the sun has risen steadily to a very high level - a level perhaps unequalled in this millennium." Second, "Long ago we held that the sun was perfect, and when the telescope showed that it had spots on it, we took comfort in the thought that it was at least regular in its behavior. It now appears to be neither of these and it is probably inconstant as well."

I wrote this for two reasons. First, I found this paper to be a most exciting detective story and I hope some of you will read it and enjoy it as well. Secondly, as we await the harbinger of cycle 22 we must at least consider history and wonder if the Maunder Minimum can come again and make us wait 70 years for the DX good times to return.

MOVING EXPERIENCES de KFOZ

GREETINGS! I am on temporary medical leave from editing CVARC's Bandspread, so I am going to heckle you guys. I'm probably the youngest person many of you know who had a cataract bad enough to require corrective surgery. I now have a small plexiglass replacement for the natural lens in my left eye. Please do not peer at people's eyeballs when they tell you that they have cataracts. The affected portion of the eye is something like halfway back in the eyeball, and you won't see anything. If it happens to you, however, be assured that ophthalmological surgery has advanced tremendously. It is a fairly simple (if delicate) procedure that requires about half an hour under local anaesthetic (and a mild euphoric that leaves you feeling WONDERFUL!) on a semi-outpatient basis (check into a room in the hospital, but on one of the famous backless gowns, get wheeled down to the operating room, then check out after a couple of hours). They overtighten the sutures, inducing an astigmatism, and this gradually lessens over 6 to 8 weeks as the eye heals and the sutures are absorbed. My other eye is underdeveloped as a result of childhood crosseyedness, so this leaves me with a problem, but with optical procedures they have shown me what I should wind up with, and that is excellent uncorrected vision (although I will require bifocals/reading glasses since the plexiglass replacement is fixed-focus. This is not as much of a problem as you might suppose, especially if everything has appeared as though you were looking through frosted glass for some months.)

So what does one do while one is home from work for an extended period with a transient visual problem that leaves one feeling healthy and bored? Well, having just moved into a house requiring little work or fixing up, the family manager (hereinafter referred to as my IXL) authorized "finishing out" a room in the basement.

What was standard stone foundation and concrete has become a thoroughly insulated, dry-walled and ceilinged 16 x 11-foot room with pale yellow walls, a white ceiling, with inset light fixtures, a heat register, a cold air return, and a 16+ foot desk which is going to soon become a hamshack - office - study - entertainment center. Since I was there while they were studding the walls, there is a cable-TV socket in a plate in the wall, two phone jacks in different parts of the room, 1-1/2" conduit just above the table surface behind where the gear is going to go to the opposite end of the house below where the initial antennas are going to go up, and more electric plugs than you have ever seen in your life! (I doubt that I'll need them all, but anywhere I might need one there IS one!) I'm starting to get the bills for all of this as I sit and wait for the awning-type windows ordered for the two windows at either end of the room (it is sort of bay window-shaped) and some other fixings, but it is very nearly completed and, with any luck, I will have a month to play with it and get it the way I think I want it. This is an opportunity hams seldom have. I hope to make the most of it. Since I have been waiting a long time for this and am under some limited (but somewhat critical) medical restrictions for the time being, I might be calling on some of you for advice and assistance! (lucky you!)

Like many hams, I have long been relegated to dusty corners and inaccessible, cold, unfinished cellar rooms. As

propagation waned, so did my motivation to find my way down into a cold, damp cellar to take a long-shot chance at a "9V" or something else during a very brief opening. Now, however, with the prospect of a warm, dry place semi-devoted to the purpose, where I will be a lot for other reasons anyway, I expect to be a lot more active. Lives there a ham with soul so dead, who has not said "Rather than pay this bill I will check 20 meters instead!"? especially if the rig is no more than 5 feet away?

No, no gargantuan towers or new beams yet (who can afford such things immediately after buying a bigger house?), but I like to think that I have growth potential. For now I am going to have to settle for an 11-element 2-meter beam and a couple of dipoles. However, for the first time in my life, I have plenty of room for a couple of full-sized dipoles. Later, I hope to put up a tilting mast (on a butt-plate on the large year-round porch on the back of the house) and put the TH3JR on it (after cleaning and refurbishing) along with large wire antennas. With proper grounding and brand-new grounded wiring in the shack, all of this stuff will be hidden in back and coax and rotor control cables will run through the walls in concealed conduit. It may be the first relatively neat installation I have ever had. I am not ready to contest with Tom on the high bands or with K0GVB on the low bands...but I am in a place where some possibility of putting up competitive antennas for at least some bands exists...and in a place (at last) where I can put the radio gear, the computer, room for non-amateur paperwork and projects, some home entertainment devices, in a real finished room and have plenty of room for everything. Since it is all right there, I trust that I will be doing more of everything (CW, RTTY, HF Packet, DXing, contesting, etc.). If I can get organized, I have room at hand for file cabinets and bookcases devoted to specialized purposes...so I may even resume QSLing! (What's an IRC again? I forget.) So GL and look out 160 meters!

MOUNT ATHOS de WOVX

The July 1, 1986 issue of *The Wall Street Journal* carried a front page story about Mt. Athos. While it did not speculate on the validity of the latest operation, it did discuss the difficulties of visiting and living there.

Athos is the ascetic heart of the Eastern Orthodox churches. Behind their fortress walls the 20 monasteries of Athos have existed for over 1,000 years. They have withstood Latin and Catalan pillagers. They outlasted Byzantium, were friendly with the Russian czars and Hitler didn't touch them.

Visiting Athos involves a 2 hour ferry ride from Greece. Before a visitor can apply for a visa in Karyes, Athos he must have a letter from his consulate, a permit from the foreign ministry and one from the immigration police. After obtaining a visa the next hurdle is a meal. The shops in Karyes are unmarked. The two inns serve only wine and soup!

The principle of Athos is seclusion, not escape, from the world. Some of the monasteries now have electricity and central heating. They also have visitors, too many of them to suit most of the monks. One monastery had almost 5,000 visitors in under a year. So, will there be valid operations from Athos? Hard to say but it does sound like a fascinating place to visit but don't take your wife. No women allowed!

Year



World Wide DX Contest

Last Full Weekend of October (Phone) & November (CW)



Call Sign

Country

Mode:

- Phone Single Op., All Band Multi-Op. Single Transmitter QRPP [5W or Less]
 CW Single Op. _____ MHz Multi-Op. Multi-Transmitter

QSO's (minus duplicates)		QSO Points	Zone Multiplier	Country Multiplier	Score	
1.8 MHz	<input type="text"/>	<input type="text"/>	X	+	<input type="text"/>	1.8 MHz
3.5 MHz	<input type="text"/>	<input type="text"/>	X	+	<input type="text"/>	3.5 MHz
7.0 MHz	<input type="text"/>	<input type="text"/>	X	+	<input type="text"/>	7.0 MHz
14 MHz	<input type="text"/>	<input type="text"/>	X	+	<input type="text"/>	14 MHz
21 MHz	<input type="text"/>	<input type="text"/>	X	+	<input type="text"/>	21 MHz
28 MHz	<input type="text"/>	<input type="text"/>	X	+	<input type="text"/>	28 MHz
All Bands	<input type="text"/>	<input type="text"/>	X	+	<input type="text"/>	All Bands

How to score: QSO Points X (Zones + Countries) = FINAL SCORE

EXAMPLE: 1000 QSO Points X (30 Zones + 70 Countries) = 100,000 points

Station Description: _____

Antenna(s) _____

Operators _____

Remarks (Biggest thrill in Contest, funniest story, comments, etc.) _____

Club Competition / Minimum 3 logs EASTERN IOWA DX ASSOCIATION

This is to certify that in this contest I have operated my transmitter within the limitations of my license and have observed fully the rules and regulations of the contest.

TYPE or PRINT

Signature _____

Name _____ Call _____

Address _____

City _____

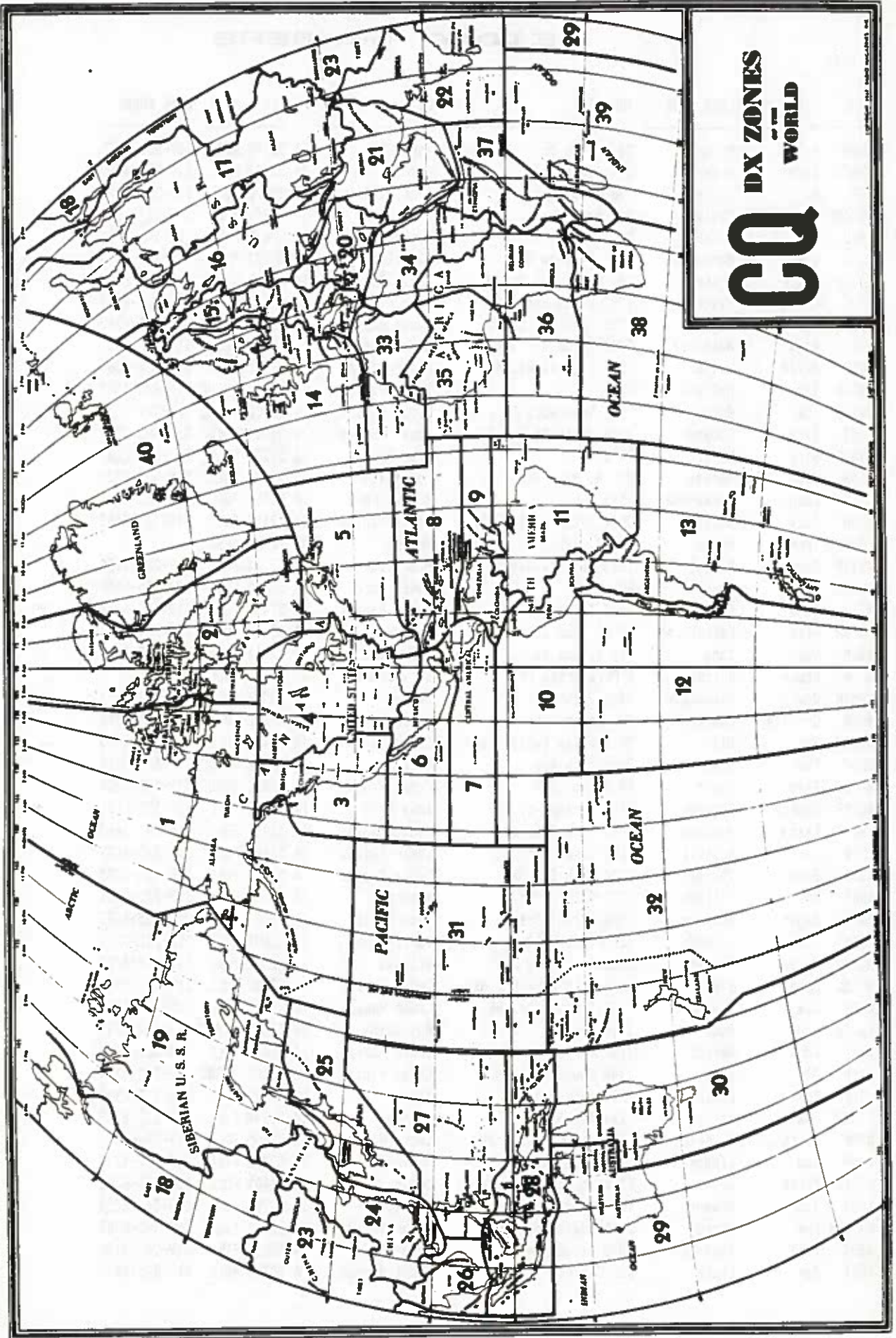
State or Country _____ Zip _____

Note: Duplicate QSO's can mean disqualification!

Logs must be postmarked no later than December 1st for PHONE and January 15th for CW. Indicate PHONE or CW on envelope.

Mail all logs to the appropriate addresses indicated in the current contest rules. ~~Do not~~ mail logs to CQ Headquarters.

6Q DX ZONES — WORLD



EIDXA MEMBERS

9-1-86

CALL	FIRST NAME	LAST NAME	ADDRESS	CITY	ST	ZIP	STAT	HOME PHONE
KUOA	Nelson	Moyer	28 Ealing Dr.	Iowa City	IA	52240	ASSOC	319-351-8775
NOAFL	Dave	Holcomb	609 6th Ave	Coralville	IA	52241	FULL	319-351-4380
KOAL	Al	Culbert	618 First Ave	Charles City	IA	50616	FULL	515-228-1443
WDOAWL	Terry	Cellaan	511 Park	Ainsworth	IA	52201	FULL	319-657-3681
N9BD	Joe	Visalli	Rt. 2, Box 4	Parkersburg	IA	50665	FULL	319-346-2220
KZOC	Jim	Bohnsack	1169 Rainbow Dr.	Waterloo	IA	50701	FULL	319-233-7189
KAOCEH	Steve	White	380 Brentwood Dr. NE	Cedar Rapids	IA	52402	ASSOC	319-377-1892
KOCF	Craig	Fastenow	1207 Wylde Green Rd.	Iowa City	IA	52240	FULL	319-351-8258
W0EAN	Bob	Joy	5750 Country Lane NE	Cedar Rapids	IA	52401	FULL	319-393-6342
W0EJ	Wade	Walstrom	7431 Macon Drive NE	Cedar Rapids	IA	52401	FULL	319-393-8982
W0FD	Gayle	Lawson	1509 Oakland Rd. NE	Cedar Rapids	IA	52402	FULL	319-364-6284
KBOFP	Tom	Melichar	RR 1	Shell Rock	IA	50670	ASSOC	319-885-4803
NOGBB	Tom	Gordon	6904 Brentwood Dr., N.E.	Cedar Rapids	IA	52402	ASSOC	319-373-0757
K0GT	Gary	Toomsen	2730 Tower Dr.	Cedar Rapids	IA	52401	FULL	319-395-9329
K0GV8	Gary	Ernst	RR 2	West Branch	IA	52358	FULL	319-643-2287
KFOH	Jim	Harvey	819 N. Main St.	Goldfield	IA	50542	FULL	515-825-3323
KJOH	John	Schwandke	1515 Lucas St.	Muscatine	IA	52761	FULL	319-263-5645
NBOH	Jack	Muckler	2084 Eastern Blvd. SE	Cedar Rapids	IA	52403	FULL	319-362-3462
KDOHY	Terry	Becker	815 S. 28th	Rogers	AR	72756	ASSOC	
KOIR	Clark	Pantel	1610 Hershey Ave.	Muscatine	IA	52761	FULL	319-263-9150
KOINR	Tom	Taylor	RR 1	Shell Rock	IA	50670	FULL	319-885-4400
W0IZ	Dale	Repp	1618 Texas Ave. NE	Cedar Rapids	IA	52402	FULL	319-393-6724
KOJGH	Glen	Kesselring	RR #7 Box 160	Ottumwa	IA	52501	FULL	515-934-5320
ABOM	Vern	Lang	110 E. 2nd St.	Muscatine	IA	52761	FULL	319-263-2697
AKOM	Steve	Sutterer	6 Priogarden Ct.	St. Peters	MO	50613	FULL	
WOMJN	Joe	Finkstein	2501 27th Ave.	Marion	IA	52302	FULL	319-377-6573
NKON	Orville	Duecker	226 Southcrest	Waterloo	IA	50702	FULL	319-296-2390
W4NIM	Bob	Hill	2510 White Eagle Trail SE	Cedar Rapids	IA	52403	FULL	319-366-3975
NCOO	Tom	Hise	2000 17th Ave.	Marion	IA	52302	ASSOC	319-377-3536
W0PLS	Fred	Young	RR 4 Box 150	Cedar Rapids	IA	52401	ASSOC	319-393-0429
W0PPF	George	Carsner	411 Terrace Rd.	Iowa City	IA	52240	FULL	319-338-1601
KBOPR	Larry	Jemison	3805 Pine Tree Dr.	Cedar Rapids	IA	52402	FULL	319 393-2663
KCOQ	Jeff	Russell	2125 Linmar Dr. NE	Cedar Rapids	IA	52402	FULL	319-363-4139
KDOQ	Glenn	Thorne	1210 18th St. SW	Cedar Rapids	IA	52404	FULL	319-366-0285
KKOR	Bob	Tillman	1257 Deloris Dr.	Waterloo	IA	50701	FULL	319-232-8223
NARR	Roger	Hoffman	1006 Locust Drive	Rock Falls	IL	61071	FULL	815-625-6647
KORW	John	Lenahan	923 N. 9th St.	Burlington	IA	52601	FULL	515-682-0711
NOSH	Steve	Miller	Route 6 Box 180	Ottumwa	IA	52501	FULL	515-684-4753
WOSML	Doug	Byal	4601 Northwood Dr. NE	Cedar Rapids	IA	52402	FULL	319-393-2974
WOSR	Jim	Spencer	3712 Tanager Dr. NE	Cedar Rapids	IA	52402	FULL	319-393-7353
KA0SSZ	Jon	Rock	1410 Lucas	Muscatine	IA	52761	ASSOC	319-264-0341
W0UZ	John	Nelson	3109 Terry Dr. SE	Cedar Rapids	IA	52403	FULL	319-365-4432
KOVM	Al	Groff	1446 Council St. NE	Cedar Rapids	IA	52402	ASSOC	319-393-8134
W0VX	Dave	Jaksa	2721 28th Ave.	Marion	IA	52302	FULL	319-377-7507
KOVZR	Tom	White	1244 4th St.	Jessup	IA	50648	FULL	319-827-6738
NGOW	Keith	Erickson	1810 Hillside Dr. NW	Cedar Rapids	IA	52405	FULL	319-396-8510
W0NP	Tom	Lindgren	1260 13th Ave.	Marion	IA	52302	FULL	319-377-4279
KCOXK	Brian	Joy	5750 Country Lane NE	Cedar Rapids	IA	52401	FULL	319-393-6342
KEOY	Tom	Kramer	905 LeRoy	Muscatine	IA	52761	FULL	319-264-3259
W4PYZN	Tom	Vinson	10211 Hall Road NE	Cedar Rapids	IA	52401	FULL	319-393-8087
ASOZ	Bill	Delaney	2818 Garden Ave.	Cedar Falls	IA	50613	FULL	319-277-5150
KFOZ	Jan	Clute	320 College Blvd.	Mount Vernon	IA	52314	FULL	319-895-6435

APRIL 18, 1986 MINUTES

President KOVZR called the meeting to order at 7:35 PM, April 18, 1986. Those present were KOJGH, NGOW, WOFO, KJOH, KOVZR, KOGT, KZOC, KORM, KOSVB, WOIZ, WOEAN, WOSR, WBOGUU, KBOM, NBOH, KCOB, KAOCEH, NOGGB, A60Z, WOPPF, WOMP, KKOR, WOMJN, KBOPR, WOVX, NCOO, KFOZ, W4NIM, WOEJ, & KOIIR.

W4NIM moved with several seconds to dispense with the reading of the minutes. ... Treasurer reported a balance of \$190.15. Aruba, and 4U1VIC. Jim said W3AZD thinks the Mt. Athos operation will count, still waiting word of authorization. at the Longbranch. ... KOJGH moved to change the EIDX net to Monday evening at 9:30. WOEJ second. KJOH amended the motion with WOEJ second for 9:00 PM net time on Monday evening. Passed. ... KOGT reported that the delinquent club report has been filed with ARRL Headquarters. ... KZOC moved that membership dues be increased to \$5.00 annually. Second by WOEJ. Passed with 2 dissenting votes. ... KAOCEH graciously agreed to continue supplying contest awards and asked that anyone having suitable items to mount for trophies contact him. ... Volunteers for an Awards committee for the fall contest season are WOEJ, WOMP, KAOCEH, and NGOW. ... WOEJ and WOMP agreed to captain teams again for this contest season. ... WOEJ moved KAOSZ and NOGGB be accepted as new members. KOIIR second. Passed. ... WOVX announced that Jack, NBOH, has attained full member status with DXCC. ... WOSR moved W9KNI be granted honorary membership. WOEAN second. Passed. ... Radio flea market in September was discussed. W4NIM announced WOMJN is getting married. ... WOEJ moved for adjournment. KOIIR second.

KOSVB presented a slide show of his recent DXpedition. ... WOEJ and NCOO presented a packet radio demonstration.

Respectfully submitted,
Gary Toonsen, KOGT

EIDX CQWW PHONE RESULTS

CALL	SCORE	QSOs	ZONES	COUNTRIES
KJOH	412,620	553	81	195
WOVX	393,786	559	70	192
KOGT	267,471	369	87	176
NGOW	220,745	335	75	170
WOMJN	139,573	330	52	105
KOVZR	129,078	243	66	136
KBOPR	84,825	215	44	101
KEOY	72,520	184	43	97
NBOH	69,212	183	44	99
KOIIR	52,250	174	37	88
KUOA	35,211	120	44	77
WOFO	28,912	106	32	72
WOPPF	17,680	131	20	54
AKOM	6,102	51	20	34

CQWW PHONE - October 25 - 26
CQWW CW - November 29 - 30

FROM THE PRESIDENT de KOVZR

There are some high points in the club that should be noted. ABOM, Vern, and WOEJ, Wade, have both earned the 5 Band DXCC award. If you haven't worked for that one, I recommend it. Also, on awards, Dale, WOIZ, has received the VUCC award and is well on the way to his first endorsement. As Dale pointed out, he did it with a modest station. That should give many of us some thoughts. You might remember Joe, N9BD, was also a VUCC winner.

The results from CQ Magazine are in and the egg is on the executive group's collective faces. John, KJOH, is the trophy winner for CQWW Phone. Congrats to John and sorry for the mix up.

Dale, WOIZ, pointed out that September 30 is the cut off for annual DXCC updates. You might keep that date in mind. Turn around is pretty good. I had 25 CW cards turn around in about 3 weeks.

This shack has had quite a summer. A new Mosley PRO-37 and IC-751A were added along with RTTY capability. That's the good news. The bad news is that most all of it was hit by lightning and severely damaged. Things are all about normal again but there are some thoughts. My transceiver was hit through the speaker wire. The antenna and power were unplugged. Also, I'm looking into ARRL rig insurance. I'd hate to lose my homeowner's due to radio claims.

The other excitement here was a visit from an FCC engineer to investigate RFI complaints from the neighbors. The key points were that (1) if the ham is trying the FCC is pro amateur (2) they are not miracle workers. He tried to mediate and suggest but gave no orders to anyone. (3) I had the disturbing feeling that even though my station is clean, I could still get quiet hours because the neighbors do nothing to solve the problem. I hope to have more on this at the meeting or next newsletter. Wade, WOEJ, was my witness. He proved to be a definite asset.

Finally, its election time and that means its time to think of 2 things. First is who you want to lead the club during the next year (although 2 years has seemed to be the rule). This will be a crucial time as the club energy cycle and the solar cycle seem to be tied together. Second and related, what direction is the club taking and is this what we all want? We'll need lots of fresh ideas and people doing not watching.

Don't forget dues and all best wishes to Joe, WOMJN, on the upcoming wedding.

73, Tom, KOVZR

CONTEST AWARD COMMITTEE de W0WP

The contest award committee of the EIDXa met at Steve White's QTH in May of 1986. The members, NG0W, KAOCEH, W0EJ, and W0WP all agreed on the following recommendations for the upcoming contest season.

1. Plaques to be issued for the following contests: CQWW SSB, CQWW CW, SS SSB, SS CW, ARRL DX SSB, and ARRL DX CW. The award will go to the top scoring EIDXer in each of the above contests and the top scoring Multi-op in each of the 4 DX contests.

2. To be eligible for the awards, the participant must send in a copy of their summary sheets to the Club Secretary on or before the individual contest's log entry deadline. The Club Secretary will be responsible for tabulating the scores and issuance of the plaques.

3. Award winners will not be eligible to win a plaque two years in a row for that particular contest. In such a case the plaque will be issued to the 2nd place winner.

4. To encourage contest participation, the award committee recommends that an annual drawing be held at each September meeting. The drawing will be for a prize, not to exceed \$25, going to one of the previous year's contest participants. Each contest summary submittal to the EIDXa Secretary is worth one drawing ticket for the September drawing. Participation in all six contests would mean six chances to win the prize.

MEETING - October 3
REC, 999 35th St., Marion
7:30 PM

\$5.00 DUES are NOW DUE

W0VX

David M. Jaksa
2721 28th Ave.
Marion, IA 52302

EDITORIAL BITS de W0VX

Being editor of the EIDXer and Vice President of the club for the past year has been lots of fun. Working with Gary, K0GT, and Tom, K0VZR, has been a real pleasure. As we search for new officers for next year, we must find people with enthusiasm, ability and the desire to improve the club. Being an EIDXa officer is not a passive job. To accomplish something you must work at it. With 52 members in the club, we have a lot of talent. Lets find it and use it!

DXCC CHANGES?

As most of you know by now, the ARRL Board directed the DXAC to look at potential changes to the DXCC program including the possibility of starting a new DXCC. Needless to say this has brought all the radicals out of the woodwork! There have been some sincere recommendations that I consider to be really off the wall. The DX Bulletin, recommends starting DXCC over every 11 year sunspot cycle! Others want to limit countries to UN members. Or how about wild card countries to get interest up? Come on guys. DXCC is great the way it is. It does need some tweaking and consistent administration but how many of us move just because the walls need painting? If it isn't broken why are we going to fix it? If you have an opinion on DXCC, (and who doesn't?) write to the DXAC at ARRL HQ, 225 Main St., Newington, CT 06111.

73 de W0VX

Editing the EIDXer for the past year has been an experience and a real education. I have tried to get as much useful information into as few pages as possible. I have also tried to have the newsletter in everyones hands at least 2 weeks before the meeting so that family and personal plans could be made to accommodate meeting attendance. I hope you have enjoyed reading it as much as I have enjoyed putting it together.

THANKS

Thanks to K0BT, K0VM, K0VZR, W0WP, KE0Y, and KFOZ for contributing to this issue.

Jim Spencer

~~124-115~~

124-317