

WIDIA NEWS LETTER BRIEFS

Fall Meeting

The fall meeting will be held on Sunday September 27. Time is 2:00 P.M. in the youth building at the CVARC Hamfest. See the enclosed flyer. Major business will be the election of club officers for next year.

DX Want list

It's time to upissue the May 27 edition. Please mail, phone, or bring your updates to N4RR before Sept. 30

Contest Season

Time to get your antennas up and the dust off the finals in preparation for CQWW,SS and lowband DXing. Sounds like many of the club members have upgraded during the summer. WØWF has a new TH6DXX at 60 feet. You think that he was hard to beat before! KØJSY is putting up 2 towers (90 and 60 feet) with monobanders for all bands. A multi-single effort is being planned for CQWW phone. AKØM has a 3 element 20 meter monobander and a duo 10-15 above. Now if it will stand up this winter. KBØV has a new T&T 5 element tribander up 50 feet and likes the performance real well. KBØFP now has his 3 element 40 meter Telrex and 4 element 20 meter telrex beams above 100 feet. Tom has gear box problems to resolve before all is operational. Tom also has a new Kenwood remote VFO to go with his TS-830. KØGT is now working at you guessed it, Collins. KØLUZ is back on the air, but not on the 2 meter subbands yet. I hate to tell him how many he has missed!

ARRL NATIONAL

Work is progressing on the committee headed by el presidente WØEJ. An update will be presented at the meeting.

Gus Browning-W4BPD
P.O. Drawer DX
Cordova, SC 29039

August 19, 1981

Mr. Dewey L. Treanor, KGSVX
Eastern Iowa DX Association
Collins Avionics Division
400 Collins Road
Cedar Rapids, Iowa 52406

Dear Dewey: *Dewey Tell Du John to get their myr nearly -*

I am now calling on your Club for a possible donation for my EXPEDITION!
THEY TIRE HAS NOW ARRIVED! A KX3 and I have purchased an (O'Day 37), a 37 foot
sea going yacht. It is docked at a marina in Beaufort, SC and a few final items are
being installed. Such as a Sateellite Navigation unit, an automatic pilot, radio gear
for /M work when we are between stops on around the world Expedition, Radio Direct-
ional Finder, Ship to shore radio and a few other similar items.

We plan to start the Expedition around the first of November (as soon as hurricane
threats are over). Plans are to COMPLETELY COVER the Caribbean Sea, going to every
prefix we can obtain a license to operate from, thru the Panama Canal to the Pacific
where we probably will spend a few years going to as many islands as possible in a
small ship. Next will be the Indian Ocean, Persian Gulf Area, the Red Sea Area and
thru the Suez Canal to the Mediterranean Sea and back home, if things go well and look good we
could conceivably start the trip over again after a brief visit with the children and
grandchildren and of course having the boat checked over before starting over again.
Your guess would be as good as mine as far as the length of this Expedition, perhaps
five years, more or less.

We would like to again put some fun and good spirits into the game of DIXING, like
in the "good ole days", back in the sixties. We will be using all bands 10 thru 160
inclusive, both CW and SSB. The most needed mode used as the demands exist. Possibly
later we might use some Sateellite OSO's! But that would be some time in the future.
We would work Generals, Advanced, Extra Class and at times Novices. I would use split
frequency operation by far most of the time, with a LITTLE transceive operation when the
going is on the slow side. Only three people will be on the trip, my Xtr-Reggy, the KX3
(who at this time does not want to be identified) and myself. This will be a SSB DX-
pedition, our speed of going from one place to the next would be decided by the weather.
We will be weather watchers, as we all want to arrive back home someday safely. We will
not be hurried.

We will OSU 100% directly from the logs, direct in some cases when possible when
arrangements are made with the station we worked (you understand what I mean don't you-th!)
All our health shots, passports and applications are in now for over 25 DX spots licenses.

Oh YES! The DXERS Magazine is still being published (at our 1968 prices) and I still
print OSU cards, this will continue by Gus Jr., and his XL, while we are gone and I will
be getting a little off the top for every print job, so please keep me in mind when you
need printing done. Of course the DXERS Magazine will carry first hand information on
our Expedition, so if you're not a subscriber, perhaps you would like to inform on
subscription order in so your name will be on the mailing list.

- page 2 -

A venture like this will take money to keep us going. When you land at islands
you have hotel cost of something similar to stay at, eating, licenses cost quite a bit
at many places, port entrance and departures and at times we may need something done on
the boat. While at sea the cost is down, the wind will get us from point "A" to point
"B", when you dock that's when the cost goes up and that's where we want to be covered.
Don't send anything you cannot afford, but the more the better. It's had to be away
from home when the money starts to get real low. The boat is paid for as well as every-
thing that's on the boat. The money I need will be spent overseas and a little in getting
there. I estimate we will be under sail 98% of the time and 2% under diesel power if the
wind stops blowing (which happens here and there-they call this the doldrums!). WE WANT
THE WIND!

We have many Ocean Passage Charts (as they are called), world-wide weather charts
and graphs. I have been practicing the use of a sextant for the past six months if its
ever needed. We NOW we are facing a very BIG CHORE in undertaking this trip. I have
been wanting to write this kind of letter for a long time and the TIME has finally come.
PLEASE do what you can and I would like the contribution to come as soon as possible.
Of course in the event that something unforeseen turns up to stop the trip, we will refund
100% of all contributions/donations.

I promise you there will not be any of this "11st" type of operation (we want to run
our own show!), there will NOT be any favorite areas, there will be no favorite type of
operations (SSB/CW, etc.). I will work EVERYONE WE HEAR, I will accept tail-enders (but
let me at least get my signal report-in other words, anyway you can get into my log is
OK with me and I won't get mad at anyone, under any circumstances. If anyone makes a
complete idiot of themselves their call might not get in my log even if I work them and
that's about as mean as I will ever be. Most of you know me, many personally and you
know I am fair in all my dealings. None of the trip drinks or smokes (I QRT 7 years ago).
We all know how to live cheap and how to get along with people of any color, race or
religious background.

That about covers it from here - at 18¢ per letter I cannot afford to write too many
either! hi. How about it CW or YL? Our time is very short now.

Need this help to make this a big one!
Woman, world sailing "ZEAO" in 73 and hope to be on the move REAL SOON!
Leaf I will be in - It won't be long! do, you W4BPD PAR 8 MW
P.S. Our boat is named "DX" and registered in Cordova, B.C.1 do-you-BPD

FROM: _____
CALL: _____
MAILING ENCLOSED: _____
I WILL CONTRIBUTE () _____ AT A LATER DATE
I CANNOT CONTRIBUTE () _____

EIDXA MEMBERSHIP SEPT. 1981

CALL	GRADE	NAME	ADDRESS	HOME PH.	WORK PH.
W4NIM	A	Bob Hill	2510 White Eagle Trail SE, CR 52403	366-3975	366-7611
N4RR	P	Roger Hoffman	2045 Deepwood Ct., SE, CR 52403	364-2400	395-5669
N8AFL	P	David Holcomb	609 6th Ave., Coralville 52241	351-4380	337-4188
K8AL	P	Al Culbert	618 First Ave., Charles City 50616	228-1443	257-2245
K8AT	P	Fred Benson	4230 Fox Meadow Dr., SE, CR 52403	362-4962	395-5479
W8AWL	F	Terry Cellman	511 Park, Ainsworth 52201	756-3681	648-2891
N8BAR	A	Bruce Shaeffer	110 Elk Run St., Waterloo 50707	232-6568	
N8EG1	P	Wayne Ditsworth	3883 Council St., NE, CR 52402	393-9762	
KJ8D	A	Eric Santon	947 Belmont Pkwy, NW, CR 52405	365-6536	365-0477
K8CF	P	Craig Fastenow	1207 Wylde Green Rd., Ia City 52240	351-8258	353-3092
K88CLQ	P	Lynn Hansen	305 Friendly DR. Marshalltown 50158	752-5899	753-3378
W8EAN	P	Bob Joy	RR 4, Box 817, CR 52401	393-6342	366-7511
W8EIP	P	Bob Mahan	208 N. 14th St., Marshalltown 50158	752-8540	754-3724
W8EJ	P	Wade Walstrom	RR 4, Box 627, CR 52401	393-8982	395-3518
W8FO	P	Gayle Lawson	1509 Oakland Rd., NE CR 52402	364-6284	395-4109
AD8P	I	Rick Heinrich	RR 1, Marion 52302		
K88PP	A	Tom Mellichar	RR Shell Rock 50670	885-4803	
N8GA	P	Stan Burns	3439 Woodland St., Ames 50010	292-7105	294-3553
W88GCK	A	Gene Lafebure	3017 Center Pt Rd. CR 52402	363-9795	393-9595
K8GT	P	Gary Toomsen	1128 E. State St, Mason City 50401	423-4130	
K88VB	F	Gary Ernst	RR2, West Branch 52358	643-2287	
W8HUP	F	Jim Maccani	1440 Blairs Ferry Rd, C-12 Hiawatha	393-0094	395-4825
KJ8I	P	Joel Bagley	Box 102, 1025 7th St., Dewitt 52742	659-9860	659-5136
K8INR	F	Tom Taylor	RR 1, Shell Rock 50670	885-4400	235-4010
W8IZ	F	Dale Repp	1618 Texas Ave., NE, CR 52402	393-6724	
K8JSY	F	Keith Erickson	1810 Hillside Dr, NW CR 52405	396-8510	398-3551
K8LUZ	F	Gary Leitchford	3808 Laurinda Dr, Cedar Falls 50613	277-4136	266-2651
K8M	F	Steve Sutterer	2308 Victory Dr., Cedar Falls 50613	277-2194	236-6453
W8KJK	F	Joe Finkstein	2501 27th Ave., Marion 52302	377-6573	395-5214
K8MM	F	Fred Minnis	RR1, Box 44E, Peosta 52068	588-0885	582-5421
W88OYA	P	Orv Duecker	226 Southcrest, Waterloo 50702	296-2390	
K88P	P	Gene Ellis	2105 Bittersweet Rd., Marshalltown	752-2196	754-2112
W88PP	P	George Carsner	411 Terrace Rd., Iowa City 52240	338-1601	354-9200
K88PR	P	Larry Jamison	3805 Pine Tree Dr., CR	393-2663	
K88Q	P	Jeff Russell	731 Danbury St., NE CR 52402	393-8793	395-2213
W88QMU	I	Steve Russell	1112 Palmer Ln, Olathe, Ks 66061		
K88Q	P	Glenn Thorne	1210 18th St., SW, CR 52404	366-0285	366-7511
W88RU	A	Wayne Groff	735 33rd St., NE, CR 52402	362-6518	395-3156
W88SHL	P	Doug Byal	2835 18th Ave., Marion 52302	377-8963	353-4494
W88SR	P	Jim Spencer	3712 Tanagar Dr., NE, CR 52402	393-7353	395-2305
K88SY	P	Richard Cordle	515 20th St., SE Mason City 50401	424-5375	
W88UPL	P	Jim Bohnsack	1169 Rainbow Dr., Waterloo 50701	233-7189	
W88UZ	P	John Nelson	3109 Terry Dr., SE CR 52403	365-4432	395-2742
K88V	P	Matt Kinkinson	330 N. Division, Cedar Falls 50613	277-7638	236-6053
K88VM	A	Al Groff	1446 Council St., NE CR 52402	393-8134	395-4666
W88VX	P	Dave Jaksa	2721 28th Ave., Marion 52302	377-7507	395-3642
W88WP	F	Tom Lindgren	1260 13th Ave., Marion 52302	377-4279	395-4825
K88Z	A	Jan Clute	209 Fifth Ave, N. Mt Vernon 52314	895-6435	927-2143

EIDXA DX CENTURY CLUB STANDINGS
as published in QST as of Sept 1, 1981

MIXED

<u>Call</u>	<u>TOTAL</u>
KØGVB	323
WØIZ	318
WØSR	313
N4RR	307
KØLUZ	303
WØWP	300
WØVX	287
KØJSY	230
KDØQ	226
KØAL	225
WØEJ	208
KCØQ	180
KØINR	179
KJØI	177
WØMJN	127
KBØV	117
WØUZ	111
WØUFL	108
WØOYA	108
NØBGI	106

PHONE

<u>CALL</u>	<u>TOTAL</u>
WØSR	308
KØGT	270
WØIZ	268
KØLUZ	240
KØJSY	230
KØCF	229
WØAWL	228
WØVX	207
NØAFL	202
WØEJ	169
KØINR	150
WØEAN	139
KBØPR	139
WØUFL	127
KØAL	125
WØMJN	117
WØPPF	112
KBØV	112
KDØQ	111
WØOYA	108
WØEIF	108
KJØI	107
WØSML	104
KBØSY	102
KAØCLQ	101

CW

<u>CALL</u>	<u>TOTAL</u>
WØWP	286
WØSR	272
N4RR	240
WØVX	189
KCØQ	160
WØEJ	118
KØINR	102
WØUZ	100

-----THE DX BULLETIN JULY 18, 1981-----

(822) 1980	COUNTRY	RANK	COUNTRY	(785) 1981	MOVEMENT +/-
713	BY	1	BY	693	None
683	VS9K	2	VS9K	646	None
652	XZ	3	XZ	617	None
640	ZA	4	ZA	600	None
627	VU Laccadives	5	VU/L	600	None
617	VKØ Heard	6	VKØ/Heard	589	None
592	7O	7	7O	566	None
567	XU	8	XU	545	None
560	FB8W	9	FB8W	539	None
539	VU/Andamans	10	3Y	530	+2
531	CEØX	11	CEØX	528	None
525	3Y	12	VU/Andamans	506	-2
518	3X	13	HKØ/Malpelo	543	+5
504	FR/J. de Nova	14	XV	450	+3
481	FR/Glorioso	15	YA	426	+4
465	9U	16	4W	418	+4
459	XV	17	S9	399	+55
454	HKØ/Malpelo	18	PYØ Peter/Paul	341	+18
449	YA	19	A6X	337	+11
431	4W	20	7Q	327	+12
402	6O	21	XW	320	+5
373	5A	22	TT	296	+11
370	5X	23	ZD9	296	+12
368	HKØ/Bajo Nuevo	24	5R	291	+7
360	7J1 Okino (deleted)	25	ZL/Kermadec	281	+19
357	XW	26	C9	266	+61
356	KS4 Serrana Bank	27	3CØ	260	+12
350	TN	28	VK9/Mellish	254	+22
348	ZM	29	5A	245	-7
342	A6	30	S2	240	+19
340	5R	31	YI	232	+10
325	7Q	32	15	232	+22
313	TT	33	VP8 S. Georgia	225	+20
312	TY	34	FR/J. de Nova	222	-20
310	ZD9	35	9U	220	-19
309	PYØ Peter/Paul	36	TN	217	-8
298	VK9/Willis	37	VP8 S. Sandwich	212	+5
276	FR7/Tromelin	38	FR7/Glorioso	186	-23
276	3CØ	39	FO8/Clipperton	181	+25
271	GEØZ	40	A5	175	+15
270	YI	41	ZL/A and C	174	+17
267	VP8 S. Sand	42	PYØ Trindade	170	+20
263	D68	43	5U	166	+23
259	ZL/Kermadec	44	VKØ Macquarie	159	+12
256	5V	45	JX	156	+22
251	SV/Mt. Athos	46	SV/Mt. Athos	156	None
246	Abu Ail	47	YVØ	154	+23
239	VP8 S. Shetlands	48	VK9/Cocos	152	+4
237	S2	49	BV	147	+11
235	VK9/Mellish	50	3V8	142	+21
234	FH8	51	2S2M	141	+23
231	VK9/Cocos	52	ZM	137	-33
229	VP8 S. Georgia	53	FH	133	-2
215	1S	54	FR7/Tromelin	131	-16
214	A5	55	6O	125	-34
205	VKØ/Macquarie	56	ET3	124	+25
202	STØ	57	Desecheo	124	+29
199	ZL/A and C	58	Fr. Josef Land	124	+11
198	TZ	59	FB8X	122	+21
190	BV-	60	3C1	113	+18
184	J5	61	VP8 S. Shet.	108	-13
183	PYØ Trindade	62	TY	107	-28
178	9M6/8	63	CEØZ	106	-23
177	FO8/Clipperton	64	TZ	106	-5
174	A9	65	5X	106	-42
168	5U	66	3X	100	-53
167	SV/Dodecanese	67	Abu Ail	94	-20
163	TJ	68	TJ	93	None
162	Fr. Josef Land	69	D68	90	-26
160	YVØ	70	VK9/Willis	87	-33
157	3V	71	5V	86	-26
157	S9	72	KS4/Serrana Bank	82	-45
154	TL	73	HKØ/Bajo Nuevo	79	-49

TABLE 1

Announcing:

The 1981 CQ World-Wide DX Contest

Phone: October 24-25 & C.W.: November 28-29
Starts 0000 GMT Sat. Ends 2400 GMT Sunday

I. OBJECTIVE: For amateurs around the world to contact other amateurs in as many zones and countries as possible.

II. BANDS: All bands, 1.8 through 28 MHz.

III. TYPE OF COMPETITION:

1. Single Operator (Single band, and all band). Single operator stations are those at which one person performs all of the operating, logging, and spotting functions. The use of DX spotting nets or any other form of DX alerting assistance places the station in the Multi-Operator category.

2. Multi-Operator (all band operation only).

a. Single Transmitter, only one transmitter and one band-permitted during the same time period (defined as 10 minutes). Exception: One — and only one — other band may be used during the same time period if — and only if — the station worked is a new multiplier. Logs found in violation of the ten-minute rule will be automatically reclassified as multi-multi to reflect their actual status.

b. Multi Transmitter (no limit to transmitters but only one signal per band permitted).

c. All transmitters must be located within a 500 meter diameter or within the property limits of the station licensee's address, whichever is greater. The antennas must be physically connected by wires to the transmitter.

3. QRP (single operator only) power must not exceed 5 watts output. Stations in this category will be competing only with other QRP stations for awards.

IV. MEMBER EXCHANGE: Phone the (report) zone (if in Zone C.W. contest) and please send a QSL card.

A station in a zone or country will receive a QSL card if it is

2. Contacts between stations on the same continent but different countries, one (1) point. Exception: For North American stations only, contacts between stations within the North American boundaries count two (2) points.

3. Contacts between stations in the same country are permitted for zone or country multiplier credit but have zero (0) point value.

VII. SCORING: All stations: the final score is the result of the total QSO points multiplied by the sum of your zone and country multiplier.

Example: 1000 QSO points x 100 multiplier (30 Zones + 70 Countries) = 100,000 (final score).

VIII. AWARDS: First place certificates will be awarded in each category listed under Sec. III in every participating country and in each call area of the United States, Canada, and Asiatic USSR.

All scores will be published. To be eligible for an award, a Single Operator station must show a minimum of 12 hours of operation. Multi-operator stations must operate a minimum of 24 hours. A single-band log is eligible for a single-band award only. If a log contains more than one band it will be judged as an all-band entry, unless specified otherwise.

In countries or stations where this returns justify, 2nd and 3rd place awards will be made.

All certificates and plaques will be made at the station level.

IX. PROFILES & PLAQUES (Optional)

Single Operator, All Band

PHONE

Carib./C.A. - Jim Neiger, N6TJ

Europe - W5WVQ Orlanston, W5RR

Asia - Jim Neiger, N6TJ

Japan - Palm Garden Contest Club

Oceania - No. California DX Club

So. America - David Novoa, KP4AM

Single Operator, Single Band

World - K2HLB Memorial, No. Jersey DX Assoc.

U.S.A. - 28 MHz - Don Thomas, N6DT

World - 21 MHz - Lee Wical, K4H8ZF

World - 3.8 MHz - Fred Capossela, K6SSS

U.S.A. - 3.8 MHz - Arnold Tamchin, W2HCW

U.S.A. - So. California DX Club

Canada - Gene Kriebel, VE7KB

Carib./C.A. - KP4ES Memorial, Pedro Piza, Jr., NP4IA

Oceania - 14 MHz - VK3JW Memorial, Pacific DX Net

So. America - Raiser Ponce de Leon, CX3BR

Multi-Operator, Single Transmitter

World - Don Wallace, W6AM

Canada - Calgary Amateur Radio Assoc.

World - Radio Club Venozolano

U.S.A. - Dale Hoppe, K6JJA

Europe - Bob Cox, K3EST

Contest Expeditions

World - Single Opr. - Stuart Meyer, W2GHK

World - Multi-Opr. - "The Ysme Award"

Special - Single Operator, All Band

World - Phenet C.W. - John Knight, W6YY

C.W.

Single Operator, All Band

World - W2AB Memorial, Albert Kahn, K4FW

World - QRP - Gene Walsh, N2AA

U.S.A. - Franklin Radio Club

Canada - Canadian DX Association

Carib./C.A. - Jim Neiger, N6TJ

Europe - WJAO Operators

Africa - Gordon Marshall, W6RR

Asia - Japan CQ Magazine

Japan - Palm Garden Contest Club

Oceania - Maui Amateur Radio Club

Single Operator, Single Band

World - W2JT Memorial, No. Jersey DX Assoc.

World - 3.5 MHz - Fred Capossela, K6SSS

World - 1.8 MHz - KP4ES Memorial, Chip Margalit, K7JA

U.S.A. - No. Illinois DX Association

Canada - Canadian Amateur Radio Federation

Carib./C.A. - DX Club of Puerto Rico

Europe - 14 MHz - G2LB Memorial (From Friends)

So. America - Rafael Ponce de Leon, CX3BR

Multi-Operator, Single Transmitter

World - Anthony Susen, W3ADVA

U.S.A. - Douglas Zabel, W8ZVYA

Multi-Operator, Multi-Transmitter

World - Hazard Reeves, K2BL

Contest Expeditions

World - Single Op. - Yankee Clipper Contest Club

Multi-Operator, Multi-Op. - Bill Schneider, K2TT

Clubs

The Canadian, Carib./C.A., and the African awards are for residents only. A resident is defined as one living in that country with an established Post Office address.

X. CLUB COMPETITION:
1. The club must be a local group and not a national organization.
2. Participation is limited to members operating within a local geographic area (except for DXpeditions especially organized for operation in the contest and manned by members).

3. To be listed, a minimum of 3 logs must be received from a club and an officer of the club must submit a list of participating members and their scores, both on phone and c.w.

XI. LOG INSTRUCTIONS:

1. All times must be in GMT.
2. Indicate zone and country multiplier only the FIRST TIME it is worked on each band.
3. Logs must be checked for duplicate contacts, correct QSO points and multipliers. Submitted logs must have duplicate contacts clearly shown. The original log may be requested by the Contest Committee if further cross-checking of the log is necessary.
4. Use a separate sheet for each band.

5. Each entry must be accompanied by a Summary sheet showing all scoring information, category of competition, contestant's name and address in BLOCK LETTERS and a signed declaration that all contest rules and regulations for amateur radio in the country of operation have been observed.

6. Sample log and summary sheets and zone maps are available from CQ. A large self-addressed envelope with sufficient postage or IRC's must accompany your request. If official forms are not available, make up your own 80 contacts to the page on 8 1/2" x 11" paper.

7. All entries are required to submit cross-check sheets for each band on which 200 or more QSO's were made. All other entrants are encouraged to submit cross-check sheets.

8. For each duplicate contact that is removed from a log by the committee, a penalty of three additional contacts will be assessed.

9. QRP stations must indicate same on their summary sheets and state the actual maximum power output used, with a signed declaration.

XII. DISQUALIFICATION: Violation of amateur radio regulations in the country of the contestant, or the rules of the contest, unsportsmanlike conduct; taking credit for excessive duplicate contacts; unreliable QSO's; or unwarrantable multipliers will be deemed sufficient cause for disqualification. (Incorrectly logged calls will be counted as unverifiable contacts.)

Disqualification can also result in the disqualified operator being banned from participation in all CQ contests.

QRP

QRP

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QRP

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QRP

Trophy winners may win the same trophy or within a three year period. (This does not apply to any of the Club or CQ Special Awards.)
A station winning a World Trophy will not be considered for a sub-area award. That Trophy will be awarded to the runner-up of that area.

QRP DEADLINE: All entries must be postmarked NO LATER than December 1, 1981 for the Phone section and January 15, 1982 for the C.W. section. An extension will be given if requested. Indicate phone or c.w. on envelope.
Logs should be sent to CQ Magazine, 78 North Broadway, Hicksville, NY 11801 U.S.A.

**EVERYONE
WELCOME**

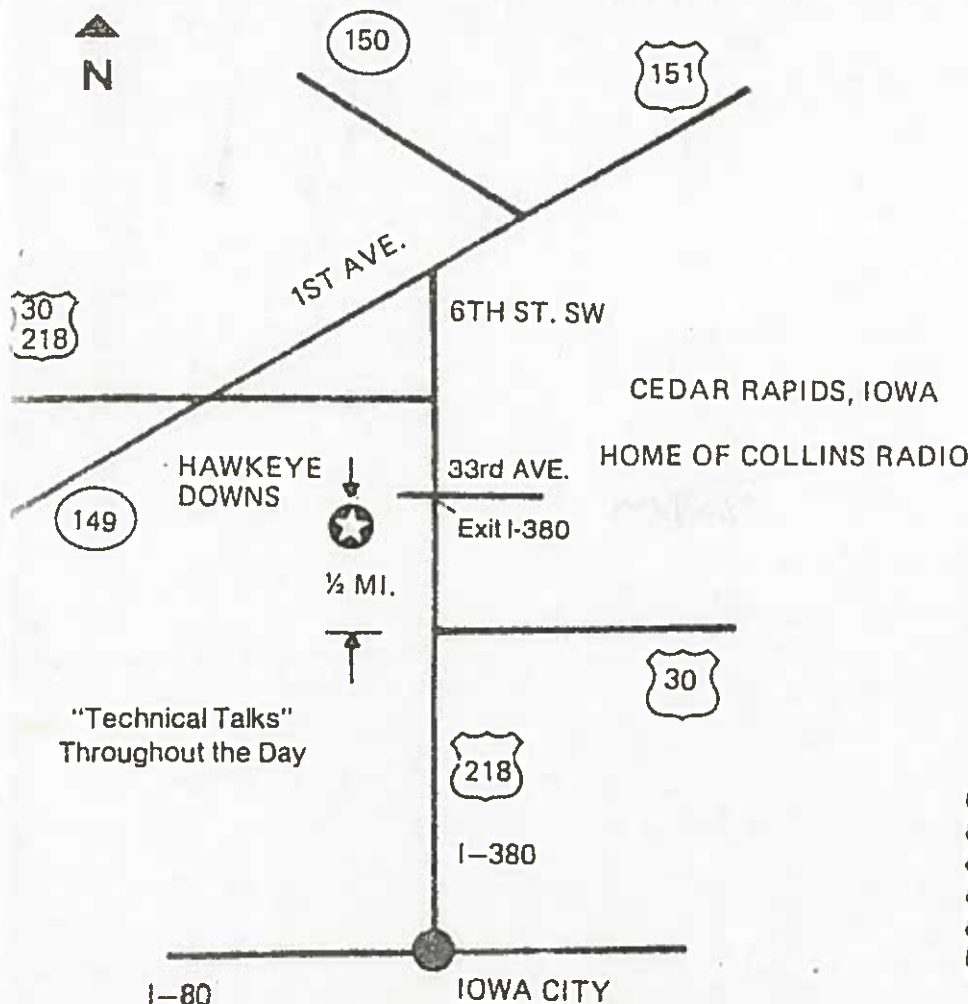
ARRL HAMFEST

SUNDAY—SEPTEMBER 27, 1981

- ★ HAWKEYE DOWNS EXHIBITION BUILDING
- ★ AMPLE PARKING
- ★ OVERNIGHT CAMPING AREA
- ★ PICNIC FACILITIES
- ★ PRIVATELY RUN CONCESSION STAND
- ★ TICKETS \$2.00 ADVANCE \$3.00 DOOR
- ★ 1st TABLE \$5.00 OTHERS \$7.00
- ★ MANUFACTURERS AND DEALERS WELCOME
- ★ CEDAR RAPIDS AIRPORT NEARBY
- ★ ARRL REPRESENTATIVES
- ★ MOVIES



This will be our 6th annual CVARC HAMFEST. If you have attended our Hamfests before, you already know how large it has grown.



★PRIZES★

- 1st Kenwood TS-130S XCVR
 - 2nd I-Com IC-2AT Synthesized H/T
 - 3rd Collins 302C-3 Wattmeter
 - 4th Vibroplex Iambic Keyer Paddle
- Plus More to Come!—

★ TALK IN FREQUENCIES: ★
146.16-.76, .52, 223.34-.94 MHZ.

DOORS OPEN AT 7 A.M.—DRAWING
AT 3 P.M.
FOR ADVANCE TICKETS, RESER-
VATIONS WRITE:
CVARC HAMFEST
P.O. BOX 994
CEDAR RAPIDS, IOWA 52406

Make Plans Now To Attend The
ARRL NATIONAL CONVENTION
and CVARC HAMFEST in
Cedar Rapids, July 23, 24, 25, 1982

