



HAM HUM

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Post Office Box 291 - Downtown Station



Vol. XXIII
No. 6

June 1973

NEXT MEETING

WHEN: FRIDAY - JUNE 8, 1973

TIME: 8:00 P.M.

WHERE: FITZGERALD FRIENDSHIP ROOM
COMMERCIAL FEDERAL SAVINGS AND
LOAN ASSOCIATION
4724 South 24th Street, Omaha
(Free parking in rear off 25th Street)

WHAT: PROGRAM BY HARRY C. SNYDER, WØNVE
SLIDES AND TALK ON THE WORLD'S MOST
POWERFUL TWO MEGAWATT NAVY TRANS-
MITTER LOCATED NEAR CUTLER, MAINE.

DON'T MISS THIS PROGRAM
VISITORS WELCOME
REFRESHMENTS - EYEBALL QSOs

HAM HUM is the official organ of the Ak-Sar-Ben Radio Club, Inc., of Omaha, Nebraska, mailed monthly to all members and to others upon request.



Next copy deadline: June 22nd

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The Lincoln Amateur Radio Club, Inc. will hold the 1973 ARRL Midwest Division Convention in October. They have sent us the following information.

- PLACE — Villager Motel & Convention Center.
- DATES — October 5, 6, & 7th, 1973 beginning at 1600 CDT the 5th.
- PRIZES — YES. Over \$2,000 worth!!
- BANQUET — October 6, 1900 CDT
Speaker: A. Prose Walker, Head of FCC Amateur & Citizens Divisions.
- ARRL — President Harry Dannals, W2TUK, will attend.
- MEETINGS — DX, VHF, MARS FM & RPTRS, ANTS., NETS Contests, Slow Scan TV, RTTY, Ladies, Novice & Beginner, FCC exams, QCWA, Handi-Hams, YLRL, Swap Shop, XMTR hunts, Woulf Hong init., Talk-in on 75, 40, & 2 meters: 3982Khz, 7255Khz, and 2 FM on 16-76, & 94.
- RESERVATIONS — Room Rates \$15.00, \$21.00, \$24.50, \$28.00.
- Advance Registration: \$6.50 — Banquet — \$5.50
At the door \$8.00 — Banquet \$5.50
(at 1600 October 5th.)
- Contact: WØWKP or KØMUF.

Special convention information packet available to non-ARRL members on request.

Mailing of convention packet to ARRL members by June 1st.

MAY MEETING

We did not have as good a turnout at our May 11th meeting as we usually do. Those who missed the meeting, missed a good time. We had movies by Mac McCarty, WØUPY and slides by Rollie Fried, WØYMU. The movies were of field days and picnics plus some of Club meetings in the years 1948 through 1950. They were interesting from several different viewpoints: how the rigs were mounted in some of the cars of that time; some of the ideas they came up with for a rotatable 2 meter mobile antenna for transmitter hunts.

The rigs, cars, clothes, etc. were interesting to the old-timers and the younger members, but for different reasons. Hi. It was interesting to try to identify some of those who had hair then too. Hi.

As a matter of interest, Mac processed the 16 mm movie film himself and did a very professional job of it. Hang on to that film, Mac, as it will be even more interesting 20 years from now.

Rollie Fried's slides were excellent also. They covered picnics, Club meetings and hamfests (some in Colorado). He also had pictures of some of the guys who still had their hair. Hi.

Thank you Mac and Rollie for a fun evening.

Russ Minks, WAØVEE

SILENT KEY

Sherman E. Carlson, KØOQJ
Tekamah, Nebraska
April 25, 1973

MULTIPLE SCLEROSIS DRIVE

By—Bob Lockwood, WAØDHU

Members of the Ak-Sar-Ben Radio Club, Inc. and other hams took an active part in the Multiple Sclerosis drive on Sunday, May 20th. About a month ago we were approached by Rose Marie Whiteley, Executive Director of the Nebraska-Iowa Midland National Multiple Sclerosis Society, who asked if we would be interested in supplying valuable communication links for the drive. With Board approval secured, we set forth planning a well-organized communication net to serve the purpose.

WAØGEH, Marty and WAØDHU, Bob scheduled a meeting with Miss Whiteley to discuss the plans. Calls went out for volunteer mobile units with outstanding results. On May 20th, the stage was set. At 2:00 P.M. WAØGEH, Marty assumed NCS duties, operating from his plush office at The Farmers National Company building. Twelve amateurs went into action. These included WAØGEH (NCS), WØEGP (Fred), WBØGXJ (Dale), WBØIIV operated by WBØDDZ (Randy), WBØBMB (Bill), WØODL (Jack), WAØDHU (Bob), WBØFFV, WAØFPB (Bill), WAØHKT (Lowell), WØRMB (Cecil) and WAØWRI (Joe).

Duties of the mobile stations include pickups at Hinky Dinky stores assigned to them as well as pickups at private homes if needed. There were two scheduled pickups, one at 2:30 P.M. and the other at 6:00 P.M.

During the activities, WBØBMB (Bill) reported a personal injury accident. The NCS alerted the Police Department and the ambulance. WØZQT (Cliff) reported an accident at

55th and the Interstate. WA6JAT mobile (Chris) was given much travel direction assistance and with all the help, he still got lost. Hi Hi.

Last but not least, our NCS WAØGEH (Marty) deserves a big hand. From 2:00 P.M. to 6:00 P.M. he sat in his plush air-conditioned office coordinating the net. Marty is net manager of the Tuesday night net on 34/94 and the effort he put forth last Sunday really demonstrates his total effort in AREC. Thank you, Marty, for a job well done!

A big thank you is also in order for all others who took part in this mobile exercise. It was a real success, thanks to the efforts of all who made up the team. It again proves that a directed net displaying real teamwork does the job!

RECENT CONTRIBUTORS

Repeater Fund:

Dick Eilers, WØYZV
Charles Kelly, WAØUZX

Auto Patch Fund:

Dick Eilers, WØYZV
Ken Lauridsen, WØLEC

FORMER MEMBER NEWS

Ron Fulkerson, Ex-WBØDRT, is now settled at his new QTH and has new call of WB8PDJ. His address is 8163 Doe Lane, Plymouth, Michigan 48170. He operates CW between 7050 and 7070 MHz in late evening hours.

de WBØDRS

Don Novotny

FIELD DAY — JUNE 23 and 24

Field Day will soon be here. Remember, it begins on June 23rd at 1800 GMT (1:00 P.M. CDT) and runs until June 24th at 2100 GMT (4:00 P.M. CDT). See map in this issue for location of Field Day site.

Field Day chairman is Del Gibson, KØUIV. Let's all give him a lot of support by participating in this event. There's a place for everyone on Field Day, so come out for work and fun — day or night.

Here are a few "don'ts" to remember at the Field Day site: no fireworks, no motorcycles, do not scare horses, Bowen home off limits.

10 METERS — 28.8 MC

Every Monday night at 9:00 P.M. local time, a group of local hams congregate on 28.8 and have a great time. It is a fun type net where we take turns acting as net control.

When short skip is coming in, we have check-ins from all over the country as well as Canada. We tell what has happened to us through the week and it's interesting as well as a lot of fun.

During the week take a listen on 28.8 — you probably will find a few of the guys chewing the rag. Take a listen and join us. You'll like it!

Russ, WAØVEE

FOR SALE

Globe Chief 90 watt novice CW Xmtr.

Craig Hinton, WBØIAH

Phone: 333-9521

GOOD OPERATING

Are you a "Good Amateur?" By that I mean, do you have a good "on the air" image when operating your Amateur equipment? I am sure most of you have heard some of the "LIDS" on the air at the present time, who seem to think they have their own private frequency for operation and resent very much any who might dare to try to operate on "his" frequency.

There are those who seem to think they are fulfilling the role of censor by deliberately jamming the frequency of someone who they think might not be in step with them. There are those who resent certain nets and will try to disrupt the net by maliciously swishing their carrier across the net frequency.

You have all heard those who will try to "over-ride" a phone conversation saying rude things about one or more of the amateurs on the frequency.

You have all heard the increase in profanity in the amateur bands, some of which would make a longshoreman blush and if the speaker is cautioned, he will just brush it off, saying it is not "dirty" talk and you can hear just as bad on the television.

There are times when the parties in the QSO forget they are on the radio and not the telephone and say things that are a bit on the personal side. I have heard this type of conversation on phone patches and it can be embarrassing to say the least.

Another poor operating practice that has become more apparent the last few years is that of not heeding the request of the station called. In "pile-ups" on DX stations, many times the DX station will tell the listeners

that he wants to talk to W6's for instance but you can still hear calls from all other sections of the U.S. and frequently the DX station will become disgusted and leave the air, thus depriving many of the opportunity of working a new country.

We MUST change our operating habits if we are to continue to have a good relationship on the air. Watch your language, if some station QRM's you. Isn't it easier to move instead of having an argument on the air, where there can be no settlement anyhow? If you don't like a certain net, be thankful, as that takes those operators away from another section of the band and allows you more room to work. Let us ALL try to be better operators in the future.

K50LJ

de HARC News

FOR SALE

Drake TR-22 in excellent condition.
Larsen 2 meter whip.

Contract Jim Belt, WAØJIH

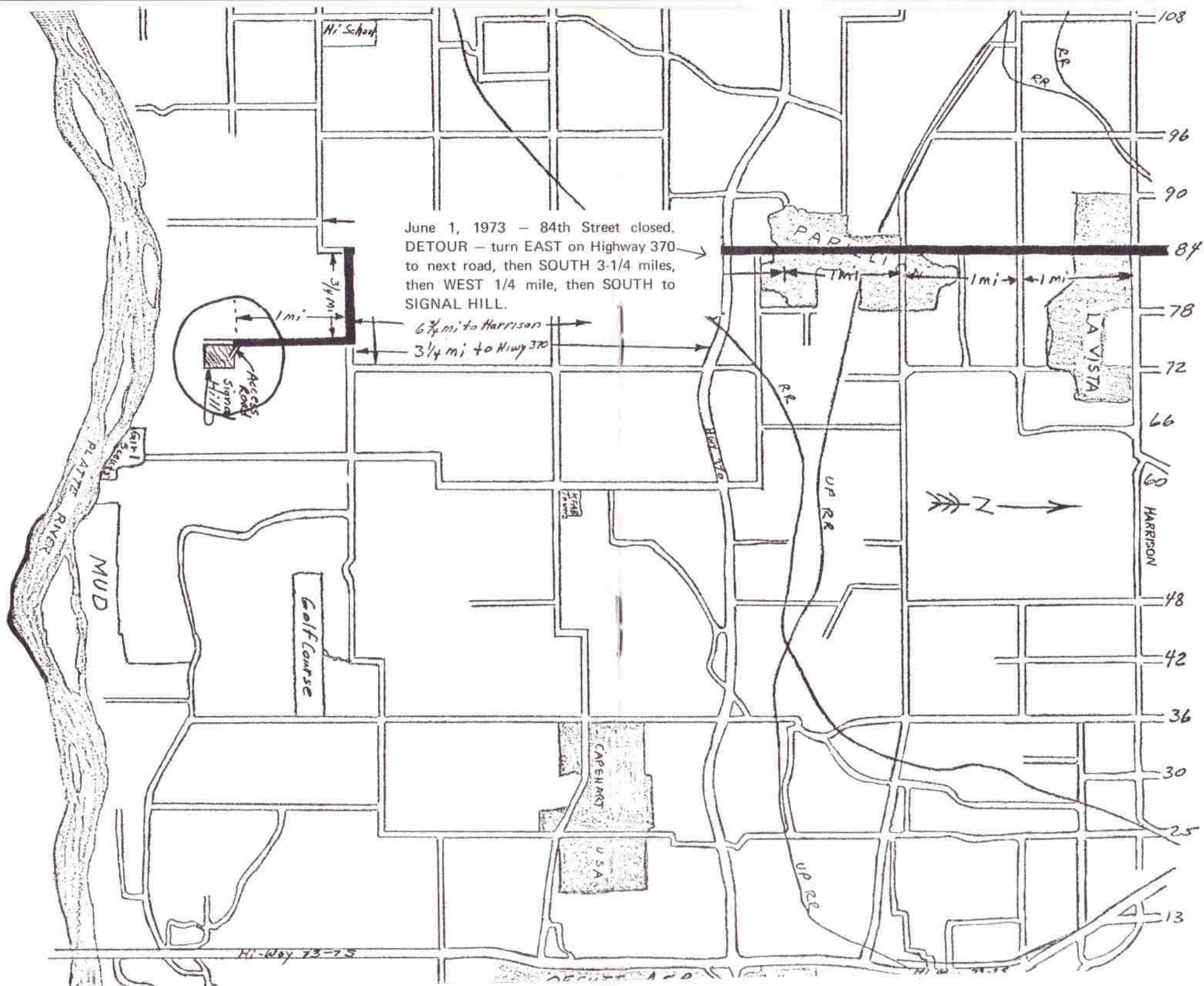
Phone: 397-5720

ADDITIONS TO ROSTER

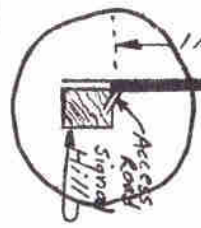
John T. Curran, WNØHTP
5524 Bay Meadows Road
Omaha, Nebraska 68127
Phone: 339-8986

Edward W. Kruse, WØGFH
1301½ South 10th Street
Omaha, Nebraska 68108
Phone: 341-8871

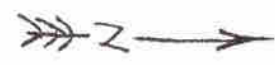
Donald R. Schwalm, WNØHGC
1009 South 38th Avenue
Omaha, Nebraska 68105
Phone: 345-3470



June 1, 1973 - 84th Street closed.
 DETOUR - turn EAST on Highway 370
 to next road, then SOUTH 3-1/4 miles,
 then WEST 1/4 mile, then SOUTH to
 SIGNAL HILL.



6 3/4 mi to Harrison
 3 1/4 mi to Hwy 370



108
 96
 90
 84
 78
 72
 66
 60
 48
 42
 36
 30
 25
 13

Hwy 73-75

THE DAYTON HAMVENTION '73

By—WØWRT

For many years I had heard from other hams that the Dayton Hamvention was the "granddaddy" of them all. I'm inclined to agree with this description for several reasons. One reason is its sheer size; I understood about 6400 registered and I believe there were as many cars in the parking lot around the HARA Arena. It looked as though everyone got parked all right and the parking was free. Program-wise, the Hamvention '73 was worthwhile and interesting indeed.

My wife Mary and I took some vacation time and went to Dayton traveling in our ancient and rusted '66 Ford wagon. I couldn't help but notice that every other car on the road looked like a '72 or '73 model and after all we've been hearing about all the emission controls, lousy mileage and other complaints on the new cars, people are still buying them in record numbers. Kind of hard to grasp.

The only radio equipment with us was a Mot. H23 lunchbox on .34/.94 and .94/.94 frequencies. Worked several stations enroute and once we were in the Dayton area, a multitude of stations appeared to help us locate the Travelodge North. This motel turned out to be located about 6 miles from the HARA Arena which was the Convention site. All closer motels were already filled by the date we received our pre-registration back from DARA. The arrangement turned out to be excellent, however, with several good restaurants right nearby, in fact a top eating spot right across the street

specialized in Italian food and reasonable too (Annario's).

There was another nearby restaurant where we had our breakfast each morning and just to divert a moment from Ham Radio, I would like to mention one splendid thing that this restaurant called Frisch's was doing for their community and especially for their young people of high school age. Frisch's sponsored a career day on Saturday, April 28th, during which time the Junior Class of Dayton's Kiser High School took an active part in running the restaurant and actually doing the various jobs connected with the business. It is inspiring to know that these businessmen are truly showing their faith in young America.

Back to the Hamvention - Activity started out rather slowly early Friday afternoon and it was kind of a rainy, yucchy day. As the day progressed, things in the exhibit area began picking up. The flea market was outside of the hall (outdoors) and could not get set up as soon as they would have liked because of the cold rain all day long. Saturday, the skies cleared and except for a chill in the air, was a beautiful day. Dick Cunningham, KØHHP, was there and he claimed that he nearly froze while walking around the flea market early Saturday. I went out later in the day and was truly amazed at all of the parts and equipment for sale there.

To backtrack just a little, I should make mention of the Miami Valley (Ohio) FM Association's BASH which was held on Friday evening the 27th of April. This was a huge gathering of ham humanity held at the Imperial House North. The usual overpriced

drinks were available at the motel's meeting room. The happy part of the BASH was in running into a couple of old friends, namely Bob Schellhorn, ex-WØYSX, now W6ORE who flew in to the Hamvention. Also saw Tom Doherty, KØCIA, of Omaha who I believe mentioned being in the Dayton area attending his company's (NCR) computer school nearby. We didn't stick around too long at the BASH because of a combination of fatigue and the 90 degree temperature of the room. Plenty of body heat there, believe me.

Saturday A.M. I attended the State of the Art Forum from 0900 to about noon and this was A-OK. Some very interesting and new concepts were covered at this forum by the speakers. One of these was Doug DeMaw, W1CER, from ARRL.

Spent most of the P.M. on Saturday roaming around the flea market. Also ran into another Omahan, Roy Smith, WØQHO, of Ralston, who had come with KØHHP, Dick Cunningham.

While I was taking part in these various ham activities on Saturday, my wife Mary took advantage of the fine ladies program. Seemed to especially enjoy the cake decorating demonstration by Dayton's famous baker, Signor Rinaldo Stolfo. Mary also drove over to a nearby shopping center, the Salem Mall, where she spent \$55,000 I imagine. You got to bring the kids home a present!

The program had indicated that Topeka FM Engineering was to be represented as one of the exhibitors and consequently, I had expected to see my old friend from Omaha Doug Flair, KØJQS; however, lo and behold,

his wife Jan was manning the TFME booth. She informed us that OM Doug was taking a well-earned vacation.

The closing banquet on Saturday evening was very good and well attended with Mr. Dan Graves, ex-W8ZTL, doing the Master of Ceremonies bit and a dynamic talk by Mr. Maynard Sensenbrenner, who was Mayor of Columbus, Ohio for 14 years. Many other great features too numerous to mention here. Had a nice chat with our Midwest Division Director, Andy Anderson, KØNL, on Saturday afternoon.

Written hurriedly to beat the deadline by John D. Snyder, WØWRT.

VHF ACTIVITY

With the coming of Spring, the active VHF'er begins to look toward the onset of 6 meter Sporadic-E skip. The season usually extends from about April through July, although the actual length of the season is variable. Sporadic-E skip may occur during other times of the year, but its presence is less predictable than the Spring and Summer season. Sporadic-E skip allows the operator to work stations in the 400 to 1,200 mile range and with occasional double or triple hop, allowing California stations to work New England stations. When the Sporadic-E skip is in, low-power stations can have great success in making contacts, provided they move out of the area where the high power stations operate.

There are other types of propagation conditions which will allow 6 meter stations to make DX contacts. ▾

These include meteor scatter, Auroral scatter, tropospheric scatter and bending, trans-equatorial propagation and F2-layer skip.

F2-layer skip along paths of 2,000 miles or more is dependent on the sun-spot cycle. This cycle operates in eleven-year periods, with a peak being reached about 1969. We should be starting a decline in sun-spot activity now, and it should continue for a few years. The greatest period for 6 meter DX was in the late 1950's. During this time many stations worked all continents and signal strengths were as good or better than those on the lower frequency bands.

The two meter band has propagation conditions similar to six meters, except that Sporadic-E skip is rare and F2-layer skip has not been reported. The tropospheric bending allows contacts to be made easier on the 2 meter band than on the 6 meter band. I have had better results with low power SSB contacts to the Sacramento, Bay and Los Angeles areas on two meters than on six meters with the legal limit of power.

In the preceding paragraphs I have mentioned the various modes of propagation that affect the VHF bands. I did not intend to explain each one in detail, as anyone interested in more information should consult the section on Propagation in the ARRL VHF MANUAL, or the section on VHF propagation in the ARRL Radio Amateur's Handbook. If you do not believe in ARRL publications, consult the one of your choice.

Keep monitoring 6 meters but do not forget to call. All the listening in the world is to no avail if no one will call. A transmitted signal is needed in

order to be heard in the receiver. Finally, no matter what you hear on the 6 meter band, the Great One does not control Sporadic-E skip on 6 meters.

73 - Chuck

de Fresno Skip

GUEST EDITORIAL

by H. Alan Harp, WA4SVH

718 Magnolia Dr.,

Lake Park, Fl. 33403

I am tired of seeing articles published in amateur radio publications raining sour grapes on the Citizen Band Radio Service.

We should make it clear that we only condemn the misuse of this service. Amateurs who harass people on the citizen bands by jamming or other means are just as guilty as those violating the rules within the Citizens Radio Service. It chagrins me to learn that amateur radio operators have stooped to such acts.

Such attitudes and actions do nothing toward solving the problem. I feel that we should take a progressive look at the situation and see what can be done to provide a really good citizens radio service for the public.

The idea behind providing the general public with a citizens radio service was at the outset a very good one. Serious mistakes were made as it was put into service which allowed it to get out of hand and caused the band to become generally useless. It is difficult to put the blame entirely on those who took advantage of the situation. The blame must be shared by the authorities who set up the citizens band rules in the first place.

Now amateurs in general have a hatred for CBers because of their malicious behavior using the citizens band. They are jealous of their ability to perform public services previously performed only by amateurs.

In spite of all of this, the public is in need of a good citizens band service and at present does not have one. It is not prudent for amateur radio operators to oppose attempts to provide one.

We should instead come forth with some constructive suggestions on how to set it up and enforce it. With this in mind, I make the following suggestions.

The band should be moved to VHF-FM. If it has to be in the amateur spectrum the 11 meter band should be returned to us.

Since it is to be a base-mobile service, certain channels would be provided to allow the motorist to contact local police and other agencies, that would provide information about roads, motel vacancies, etc. If a way of billing could be worked out, the telephone company could have stations to provide patch services.

All vehicles would be allowed to use these channels for business only. The fact that law enforcement stations would be on channel would deter monkey business. Local law enforcement agencies should be given limited authority to police their channels. All private base to mobile, base to base, and mobile to mobile communications must be on preassigned channels. Any station would be able to check another station's authority to be on his assigned channel.

Type approval should be given to sets only with a limited number of

channels. (A small portion of the total number). Possession of non-type approved transmitting equipment should be subject to confiscation and returned only after the owner has shown just cause in court for its possession.

Severe penalties should be set up for making transmissions without proper identification or failing to give proper identification upon request. Penalties for minor rule violations should be small. In most cases, a simple warning.

These are just a few ideas. There are certainly many more sound ones to be considered. The point I am making is that I feel that the general attitude of amateur radio operators toward Citizen Band has been wrong and that we should think again.

(from: "Florida Skip" and
FEARL NEWS

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HT200, recharging stand, 146.94 and 146.34 TX, 146.94 RX, telescoping antenna and rubber coated unbreakable shorty antenna, carrying case and belt, better than 1 watt output . . . \$250.00

Call Harold W. Boltinghouse, Jr.
WAØQVZ
Phone: 366-0698

FOR SALE

2 - C.E. 20A's with VFO - \$50 and \$75.

Ed Haley, WØPQP
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