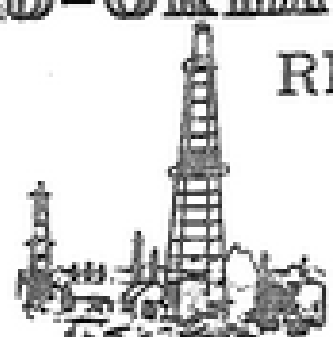


MID-OKLAHOMA REPEATER NEWSLETTER FOR MARCH 1974

REGULAR MEETING MARCH 5TH AT CITY EOC-T RATED MOVIE FOR SHOW

MID-OKLAHOMA REPEATER INC.



Serving Central Oklahoma Amateur Radio Operators

MORI MEETING SCHEDULED--This March 5th, another big one down at the OKC Emergency Operating Center, 4600 North Eastern, at 8:00 p.m. This could be perhaps one of the more critical meetings in recent MORI existence. Late developments dictate the possible removal of our repeater for 34/94 from its present site and removal to a hitherto unknown site. We will need input from every member as to possible sites. Please see next item. In addition, WA9FDO will have magic lantern pictures (don't tell Curtis Harris) of the recent transmitter hunt sponsored by the OKC Autopatch (which was won by WA4AQW, veep of MORI). FDO has threatened to show the film even though faced with insults from the latecomers. It seems that they want him to show the film backwards.

ANTENNA EVICTION NOTICE--As mentioned in the previous item, MORI has received a minor crisis of sorts in the form of an eviction notice from the Educational Television Authority. They have no choice themselves (being forced to leave their site by the landlord). Inevitably, MORI will have to decide what to do with the 34/94 machine. Some contingency plans have already been established and an executive committee meeting has already been set for this week. WA5AOB has already proposed several alternative sites and K5CFM, WA5EIA, and others are already looking for available tower space. A full report is scheduled for the meeting this Tuesday. As many alternatives as possible will be evaluated and checked out as to practicality for a repeater setup.

EATS AND FINE CUISINE DEPARTMENT--Perhaps members of MORI who attend infrequently might be encouraged to attend if they knew that they could sample the delicious doughnuts and strong coffee which is provided by MORI free of charge. Show up and have at it with your share of the doughnuts and the coffee prepared by WA4AQW. Good enough to eat.

HAMFEST MARCHES ON--Details on the Hamfest planned for early August or late July of this year are being carefully sketched out by the Committee. The response from clubs around the city has been encouraging. The ACARC and VHF Club have both agreed to take a major role in the planning and execution of the program. Financial support has also been promised from the OU Radio Club. Other support is to come from the Western Electric club. Site details are currently jelling and incorporation papers are being drawn up. As information is gathered, a go-no go decision will be made. Those of you who would like to help, please contact WA4AQW and WA9FDO, MORI representatives to the Central Committee. Many factors will be evaluated in planning including the availabilities of workers, financing, and the Gas shortage.

TRANSMITTER HUNT EXTROIDNAIRE--There was no shortage of gas at the transmitter hunt sponsored by the OKC autopatch crowd on February 17. The hunters were checked in starting at 2:00 p.m. that afternoon. It wasn't a large crowd, but in toto probably some 25 to 30 hunters in maybe 15 different hunting packs. At 2:30, the huntees started giving initial bearings and then continued to make regular transmissions every five minutes for about 30 seconds or so. As the hunters were quick to note, the huntees didn't make it easy by constantly changing the ERP of the transmitter, switching from small dipoles to gain antennas (three in all) with a small coax switch. The transmitter was battery powered and ran 15 watts out, but you had to be quick or all was lost. Several of the hunters quickly got within a block or so of the transmitter site, but at that point, it was determined that all the antennas and "S" meters they had so carefully constructed were doing them no good. Off scale readings made it apparent that it was going to take more than mere technical expertise. Ah, for a good step attenuator of the 50 ohm unbalanced line variety. Unfortunately, the only one of these devices in use at the hunt was in the car with WA5EPK and WA5LTM. several miles down the road on a sight seeing tour of one of the local airports. So left to just their basic wits, the hunt began in earnest. Finally after about a hour and a half from the original start, WA4AQW and WA9FDO were finally able to rattle the huntees for the first prize. The Ringo antenna will look nice over Carl's mantle along with J.'s cigar.

Where was the transmitter? It seems that J. and the others had found a baseball park near May and Britton Road. And at the Park was a small scorekeeper's box elevated on a steel platform. And padlocked yet. Inside were the huntees with their three antennas and that cursed coaxial switch. Carl and Mike finally narrowed it down after gaining an admission from the transmitter that they were not in a residential area. Following hot on their heels and arriving in short order were W5HXL and W5OZE, then WA5ETV, K5BJJ, WB5KDC, WB5ISN, among others. K5HQP almost won the prize for being the last in until WA5EPK and WA5LTM showed up. Great fun. For those of you who want to try out the next hunt, diagrams of the minibeam and "S" meters are still available from WA5EPK (See me at the meeting). The most success seemed to be enjoyed by those who were using fuller arrays. Carl and Mike had a Quad. W5HXL used a beam WB5ISN (who according to J. was one of the first at the transmitter site) used a commercial manufactured 4 element end mounted beam. Equipment didn't seem to be primary factor as those who arrived at the site quickly found out. (for those who were fortunate to find the site. NUTS). Anyway plans are under way to schedule another hunt. Watch this space for details.

DAH DIT DAH DIT DAH DAH DAH DAH DIT DIT DIT-- MORI now has code tapes which we can check out to members interested in upgrading their license. The club now has four copies of a beginner's tape with code up to 7 w.p.m. In addition is a high speed tape which begins at 20 w.p.m. and goes to 30. In the works are a set of tapes for intermediate speeds from 7 to 20 w.p.m. These tapes are reel to reel at a speed of 3 3/4 i.p.s. You can check out and dub to your cassette or eight track if you like. Keys are also available. The tapes came to the club by way of the O.U. Radio Club and were dubbed by WA4AQW. Carl should have the tapes that are currently available at the next meeting. The intermediate tape will be available soon.

COLLINS RADIO ENGINEER SCHEDULES OU VISIT--The OU radio club informs the newsletter that Ray Ruggerio from the Collins Cedar Rapids location has scheduled a visit to OU to present a program on "Global High Frequency Communication" at a joint meeting of the OU Radio Club and the OU IEEE Student Branch. This should be a topic of some interest to MORI members and you all are cordially invited to attend. The arrangements are set for March 14 at 7:30 p.m. in the Engineering Center Room 122. Talk in (if you need it) will be via 34/94 from W5TC.

HOOT MAN - MORI WELCOMES SCOTTISH VISITOR- Recent visitor at our last MORI meeting was Norrie Macdonald GM4BVU from Hamilton Scotland. Later after Norrie returned home, he penned us a note which we reproduce in part. " Though I would drop you a short note to thank you and the other members of MORI for the hospitality which was given to me on my recent visit to your club meeting. Although not active on 2 meters, as yet, I was impressed by the quietness (Ed. Note--I don't think he listen that much!) of FM and the low power requirements of the repeater, resulting in very small rigs compared with those I am used to. I enjoyed particularly the club discussion about the proposed hamfest late this year, particularly as the scale of the organization far exceeds what I'm accustomed to! As well as the memory of an enjoyable evening, I also managed to pick up a \$5 souvenir in the shape of one of Tom Hoflich's RF Sniffers Together with your newsletter which I have read with interest, I will have something to remind me of my brief amateur radio experience in Oklahoma. I was pleased to find that on leaving the State my airline ticketing arrangements were ably handled by Bill (WA5FWD) at the TWA Ticket Desk! (Complete with portable rig!). Finally I'd like to extend best wishes to all the members of MORI from my own radio club back home, the Mid-Lanark Amateur Radio Club. I sincerely hope that I may visit you again some day." So there you have an international contact as a result of 2 meter FM! Should be quite a DX record.

OPERATING PROCEDURE HARANGUE--When listening to low band net operation, one appreciates the preciseness and crispness with which a well conducted net operates. The reason is that the net procedure is tailored to the operating conditions that a net control station faces. But face the facts. Net procedure is not the only procedure that exists. Procedure is a flexible animal and one which is custom molded to provide the most efficient use of frequency and time. This is the exact procedure which with this newsletter has been stressing in previous issues. With two meters

repeater operation, the basic principle is that when large numbers of users share a common frequency (or pair of frequencies) that exist under essentially noise free conditions, then brevity should be given maximum consideration and transmissions and operating procedure should conform to techniques which are molded to this common principle. Low band net operators who migrate to two meters give themselves away when they come on frequency, call a station, then when there is no answer responds with the phrase, "Negative Contact," or "No signals, WA5XXX clear of the frequency." These two phrases have no use or limited use on two meter FM. The analysis is this. When calling a low band net, the net control calls each station in order and when he receives no response, he uses the phrases mentioned above. This appraises each station in the net of the fact that the station called was not heard by the net control. If any other station heard the station called, he then immediately knows that propagation is such that the net control can't hear the station. He then calls net control and advises the presence of the station. In addition, the phrase lets other stations know that the station is not on frequency and that traffic in that direction will be nonexistent. Applying this analysis to a call on two meters raises the immediate idea that you are not calling a net. It is superfluous to advise another listener that your call was not answered. He can tell that because he can hear the output of the repeater. Propagation difficulties rarely occur of this nature. In addition, since the person you are trying to contact does call you back and can't hit the repeater, you will not know unless you are listening on 34 (a possibility, but unlikely).. Essentially any person who is listening has no doubt that your call wasn't answered. When you clear the frequency, he has all the essential information he needs. Superfluous phrases do not increase operating efficiency. At this point it might be interjected that a certain psychological dependence is built between amateurs to the use of "catch " phrases. One amateur hears another user of the repeater mouthing these words and thinks that it is useful. He then incorporates it into his operation without analyzing why this phrase is even used. The net result (no pun intended) is the proliferation of these useless phrases until it sound like part of 75 meters has been brought to VHF. (This is not to slight 75 meter operation. These phrases and others do have a use on HF). Another example of this are long-winded ragchews which occur on the repeater in which the amateur gives his call letters (identifying every station ad nauseum) briefly give one useful piece of information, then repeats it several times, then gives his call letter again (including complete identification of everyone on frequency) and says "over." This is completely unnecessary and marks the repeater user as a person who doesn't evaluate his operation. First it is only necessary to identify your station. This does not have to be done on every exchange. In point, this is wasteful use of the frequency. FM is noise free. Barring any lack of intelligibility in the quality of your voice, propagation conditions do not demand, nor is it desirable to repeat short phrases. Further, when turning the conversation over to the next person, you don't have to give his call letters. Use the last three letters, Use his name, but don't identify everybody. We don't expect everybody to get it perfect the first time he comes on the air, but unfortunately, there are too few people setting any kind of example for operating procedure on the repeater now. So this suggestion is offered to all users who want to be an intelligent user of the system. Acclimate yourself to operating procedure for this different mode of communications by asking yourself the question, "Could I have eliminated words, phrases, or sentences which were superfluous?" "Did I engage in communicating with this station consistent with the principle of maximum usage on the frequency.?" When listening to some repeater exchanges, it is frightening to note that we have this tremendous communication tool, but that many users misuse it. It is easy to admit that one has been privy to conversations on the repeater that in the words of Hamlet, "full of sound and fury, signifying nothing."

POST OFFICE SAYS "UP YOUR RATES"--This newsletter will be the last newsletter mailed for just 8¢ a copy. In the future (the immediate future beginning this saturday) postage rates go up to .00¢ a letter. The post office is encouraging everyone to mail early, so before the 8 cent stamp becomes a memory, get out and write somebody, your congressman, the FCC, a ham magazine, and primarily I would suggest this newsletter. Articles are welcome.

MORI NEWSLETTER FOR MARCH 1974--PAGE 4.

MORI EMERGENCY ASSISTANCE LOG-- A full boat this month. Either February was a month in which everything went wrong or else MORI members are more attentive. Entries for this month:

- 2/5/74 5:40 p.m. WB5AGX reported a signal light stuck at N.W. 63rd and May avenue. The EOC was notified.
- 2/8/74 9:38 p.m. WA9FDO reported a two car accident at I-40 and Robinson in the East bound lane of traffic. No injuries were reported. The EOC was notified.
- 2/9/74 5:12 p.m. K5VVZ reported a red light out at N.W. 10 and Rockwell. The EOC was notified.
- 2/12/74 4:38 p.m. WB5HAK reported a two car accident at the traffic circle (Classen). No injuries were reported. The EOC was notified.
- 2/12/74 5:10 p.m. WA5EAI reported a grassfire at S.W. 44th and Portland. The EOC was notified.
- 2/12/74 5:24 p.m. W5VZY reported a two car accident at 3100 N.W. 10th. No injuries were reported. The EOC was notified.
- 2/13/74 6:06 p.m. K5VRL reported a signal light stuck at N.W. 39th and May Avenue. The EOC was notified.
- 2/14/74 6:41 p.m. W5CEP reported a grass fire on the north side of I-40 east of Choctaw Road. The EOC was notified.
- 2/13/74 6:13 p.m. W5VZY reported a signal light stuck at N.W. 23 and MacArthur. The EOC was notified.
- 2/15/74 4:51 p.m. WA4AQW reported a signal light malfunction at S.E. 29th and Air Depot. The EOC was notified.
- 2/16/74 4:10 p.m. KP4DJT reported tree limbs in the road on State Highway 9 and I-35 southwest of Norman. The call was routed to Norman.
- 2/16/74 5:00 p.m. W5KOZ reported the street caving in in the 2100 block of N.E. 23rd. The EOC was notified.
- 2/22/74 3:33 p.m. K5VVZ reported trash obstructing traffic on the Northwest Highway from Penn to May Avenue. The EOC was notified.
- 2/25/74 4:19 p.m. WA5OUU reported a stalled pickup truck in the left lane of I-40 near Agnew. The EOC was notified.
- 2/25/74 4:25 p.m. W5JCQ called EOC wanting a telephone number. After checking and cross checking, Frank found the number. (Note: this is not a part of the regular service of the EOC)

All in all a very impressive display of the public service nature of Amateur Radio. MORI members do provide a tremendous public service. Remember, however, that calls to the EOC are not the only way that members can help. Remember to send in your Emergency Assistance Cards any tyme you provide assistance via Amateur Radio.

INFORMATION CENTRAL RIDES AGAIN - - The afternoon mail brought a copy of the first issue of the new 73 Magazine hotline which is Quote " up to the minute news for Hams." Thus it appears that the newpages of 73 (which incidentally perform an invaluable service in reporting the news by placing it in a format that is more comfortable than the small type pages of QST) which possibly encouraged ham radio magazine to go them one better and try to deliver the news as quickly as possible in the Ham Radio News has now come back to Wayne. Gus was probably the one who started all this with his DX Bulletin. The expansion by Ham Radio was just an application of this technique to appraising amateurs of the latest happenings in the world of Amateur Radio. Wayne, apparently feeling that if anyone was on top of the news it would be him, countered with the hotline. He publishes every other week and claims a deadline to publication time of just hours. He expects to include info about propagation, DXpeditions, and has undercut the price to \$8.00 instead of \$12.00 for Ham Radio News. He does this by mailing first

competition while both services are still in their infancy could kill off both of them. Obviously the typical amateur is only going to subscribe to just one because the additional costs just probably won't justify the additional news that one might get. \$20 is quite a bit to spend on QSO fodder for just one year. Basically, the idea in both examples is extremely sound. A better informed amateur will be an obvious by-product. Previously amateurs who wanted this type of information had to read the "trades" which provided amateur information only sporadically and generally not in depth. AUTO CALL, a publication of a club in Washington provided occasional information of that nature, but it was of limited interest otherwise. The effective use of political power and an understanding of the political process (which inevitably amateurs must learn to use if they are to preserve their current status in the frequency marketplace) requires some type of informed constituents who have facts and ideas at their disposal. These people will form an effective nucleus in providing feedback to the Commission and other organizations that affect amateur radio. In essence, let us hope that the start of these two newsletters will be the beginning of a new era of enlightenment for amateur radio. An era that recognizes that information in the hands of large numbers of amateurs is power.

MORI MEMBERSHIP UPDATE--This will be in two installments. We include the new members since November. Then the new members just within the last month. This list plus the one from the November issue of the newsletter keeps you up to date. Again, we'll try to revise the list completely for next month.

NEW MEMBERS SINCE NOVEMBER

K5AYL	Bob Lyon	4409 Wafford	Del City, Okla	73115	
WB5AUF	Abe Crook	3448 N.W. 18th	OKC, Okla		
K5CFM	Tony Merritt	11417 Greystone	OKC, Okla	73120	755-0820
WB5DOH	Mike Burger	525 West Guy, Apt 4	Pauls Valley, Okla		
W5DVY	James Harmon	3224 N. Ridgewood	Midwest City, Okla	73110	732-6303
WA5EJU	Carl Sheff	505 Ercoupe Drive	Midwest City, Okla	73110	
WB5ISN	Dennis Orcutt	3210 South Rankin	Edmond, Okla	73034	341-4200
WB5ISO	Wendall Cochran	624 Woodland Way	OKC, Okla	73127	789-0623
WB5JBL	Frank McCollom	Route 2, Box 149	Edmond, Okla	73034	751-3577
W5JCJ	O. B. Ramsey	4917 N. Wisconsin	OKC, Okla	73111	427-6916
W5MCJ	Jerry Broudy	1920 Westbrook Terrace	Norman, Okla	73069	329-0262
K5OHU	Jim Caldwell	3120 N.W. 61st Terrace	OKC, Okla	73112	842-7280
K5QDR	John Huckaby	4344 Suntane Road	Del City, Okla	73115	672-4706
WA8SJN	Stephen Budensiek	4808 N. College	Bethany, Okla	73008	789-5818
K5URJ	Perry McWhorter	3418 N.W. 29th	OKC, Okla	73107	946-1532
W5VZY	Lee Lash	1403 N. Purdue	OKC, Okla	73127	942-0177

NEW MEMBERS FOR FEBRUARY

K5TZS	Jim Stanberry	1925 Edgewood Drive	Edmond, Okla	73034	341-3391
K5PJU	Bob Williams	13 South Easy Street	Edmond, Okla	73034	341-5529
K5YZQ	Tom Hoflich	612 Whispering Oak	Bethany, Okla	73127	789-7201
W5KXQ	Bill Courtright	8012 Golden Oaks Rd.	OKC, Okla	73127	787-1206
WB5JML	Howard Duiges	11204 N. Victoria PL.	OKC, Okla	73120	

We had renewals from the following: WB5EBD, WA5RAQ, W5ESX, WA5ZRU, KP4DJT, W5ORH, W5HF (to begin this summer), WA5FWD, W5AEF. We have several more that have not yet been listed, but have been placed on tap for next week.

MEMBERSHIP COMMITTEE IN FULL SWING--Fred K5HFN and Marvin K5HQP have agreed to assist the Secretary-Treasurer in recruiting prospective new members. In addition, they will be contacting members who have allowed their membership to lapse, but are still using the system. Remember that there is a certain time lag from the time that a members' card goes from

the Secretary-Treasurer to the membership committee, so that if you are contacted and have already renewed, please don't take umbrage. We will find you and your renewal eventually. In the meantime, all members who know of prospective members that might possibly want to join are asked to contact Fred at 737-8784 or Marvin at 732-8133. Current members are kept on the mailing list for two months after their membership expires and then are referred to the committee. Generally they determine that the person has either moved or left the area. Occasionally there are those who are no longer using two meter FM and the MORI repeaters. This information is useful to have so that we can stop sending newsletters and dunning notices. Please help make it easier for both Fred and Marvin by renewing promptly. Several members have been exemplary in their speed of renewal. Good Show! In addition, please don't worry that the renewal notices still have the address of WA5EPK instead of WA5LTM, the current secretary. We are just trying to use up additional copies of the notice and a new letter has already been prepared. Renewals or new memberships sent to either address will get prompt attention.

BARGAIN BILLBOARD

FOR SALE--GENERAL ELECTRIC Progress Line Transceiver. 117 Volt Base Station with five channels. The machine has a nuvistor preamp. Has been just recently repainted so that it looks like new. For more details, contact Mac, K2GKK/5. Phone 672-4947.

Got something to buy, sale, or trade. Let us know. Write or call the President (of MORI) before the 20th of the month preceding the mailing of the newsletter. News items are also welcome as well as your comments. Equal time (within space limitations) will be offered to any member sufficient offended to write in about it. Opinions expressed in the MORI Newsletter are those of the writer and not necessarily those of Mid-Oklahoma Repeater Inc. unless otherwise represented as such. For information about the club, contact any officer or member of MORI.

Micheal Salem	WA5EPK	1324 Lincoln	Norman, Okla	73069	Prez	321-5453
Carl Freeman	WA4AQW	4833 Eric Drive	Del City, Okla	73115	Veep	672-5476
Wayne Hogan	WA5AOB	113 E. Morningside Dr.	Midwest City, Okla	73110	Trust.	732-1970
Tim Mauldin	WA5LTM	3033 S.W. 60th	Oklahoma City, Okla	73159	Sec-Tr	681-0660

MID-OKLAHOMA REPEATER INC.
1324 Lincoln
Norman, Oklahoma 73069



To Amateur Radio Station:

GRAB FOR ALL THE GUSTO
IN LIFE!! SEND YOUR MORI
MEMBERSHIP IN TODAY!!