

REGULAR MEETING JULY 3 AT CITY EOC--WA5TRS TO SPEAK

**MID-OKLAHOMA REPEATER INC.**  
SERVING CENTRAL OKLAHOMA AMATEUR OPERATORS

*File copy*

MORI MEETING SCHEDULED--That's right, its scheduled for July 3 this next tuesday at 8:00 p. m. at the City EOC, 46th and North Eastern. WA5TRS, Joe Buswell, is scheduled to give us all a talking to about emergency communications, a topic that we could all bear listening to given the situation of the weather the last few months. Anyway, before you head out with the boats and picnic baskets, make it down to the meeting. Should be an enlightening session.

MORI REPEATER UPDATE, LICENSING, PART II--WA5AOB reports that the license for WA5YTI and the new 07-67 machine are alive and well and on their way back to the FCC. It has been a trying time for the amateur population that inhabits VHF Repeaters and the inconsistent attitude of the FCC has not been any comfort. Examples abound: Early info from the ARRL and other national sources indicated that the FCC had backed down from some of their more stringent requirements for licensing and as the paperwork began to mount at the office in Washington, put out a plea for simplicity and brevity when assembling the applications. One diagram circulating (supposedly approved by the FCC) showed a rather simplistic diagram of the repeater setup with a minimum amount of notation scribbled on the face. But the MORI licensing team took no chances and submitted all the information that they felt pertained to the requirements specified by the FCC and it was a beautiful application. RESULT: the FCC returns the application with minimum explanation with vague references to an inadequate control description. (They felt that the substitution of Control Malfunction Circuit for Malfunction Shut Down was serious enough to warrant return) In addition, an ex post facto administrative rule limited the number of total control operators to six instead the previous indications of no limit. WA5YTI submitted eight. (Incidentally the FCC has not specified any direct method of refunding the additional money that the hundreds of repeater groups must have submitted. Money goes directly to the US treasury. The best they could do on the phone was a weak explanation about the rejected control operators applying for a fee credit the next time they renew their license.) In addition, the FCC said that the trustee did not submit two copies of his license, one for each of the two repeaters, even though a copy was enclosed and they were mailed in the same envelope. There were a suspicious pair of holes in the application that indicated that something remarkably like a license appeared to be on the application when mailed. It could have been lost in the office. Anyway the direct scoop by telephone via WA5EPK from the FCC is that YTI will be able to stay on the air past the July 1st deadline until final disposition of the license application. There is no doubt of the oppressive nature of the rules and what they will do to Amateur Repeaters. Surely the FCC could take a lesson from the 27 Mhz band and hopefully realize that when you impose oppressive regulations and unreasonable licensing fees, you do nothing but encourage illegal operation. Hams have been bending over trying to accomodate the idiotsycrocies of the FCC, but the ability to maintain the levels required will be very difficult indeed. Most repeaters are reasonably controlled and offer tremendous public service and utilitarian value. Reliability of service and availability are probably the most important factors. Regulations that are overly restrictive places severe burdens and hardships on trustees and make them very vulnerable. Trustees may soon be hard to find. YTI is lucky to have AOB.

OKLAHOMA CITY AMATEUR RADIO CONFIDENTIAL (or where were you when the repeater went out?)--Speaking of trustee vulnerability, perhaps we should be cognizant of some of the difficulties a repeater can run into when a disagreement arises between a repeater trustee and another amateur in the town. Self-regulation is an important aspect of the amateur service and the ability of amateurs to settle differences among themselves has for years been the basis of the FCC's trust (now fallen by the wayside) in the amateur tradition. The most important aspect is that free and open discussion should be the method used for settlement of differences. Approaching the FCC with an essentially local dispute will do nothing except create grief for all concerned and (as the case in OKC) paralyze a valuable service. When you realize that the trustee of a repeater is a person who accepts the responsibility for YOUR operation on the repeater, we approach a situation where liabilities change and responsibilities are shifted (although not completely) from the individual operator to the trustee. This has been the basis of the FCC Docket 18803 and the shock waves are still being felt. This has been the case in OKC where a repeater has been taken off the air because of a disagreement between two amateurs, one of them the repeater trustee. Trustees must make decisions that involve hard realities with regard to his license. No wonder that trustees may be a dying breed. These people need our cooperation to act in the amateur spirit, for if we don't, then maybe the FCC was right after all and perhaps we are not ready for self regulation.

RPT MAGAZINE LIVES--Apparently so, arising phoenixlike from the ashes left by the former publisher and editor, Mike Van den Braden, WA8UTB. Hopefully it is to a better day. For those who are uninitiated, this was a most interesting magazine concentrating mainly on FM and FM Repeaters which garnered quite a number of amateurs as readers (like myself) who subscribed and enjoyed the mag. Then it started, brief interruptions in subscription service and for a couple of months, no magazine at all. Suddenly a burst of new information and the announcement in an issue that the magazine would start publishing biweekly instead of monthly and of course, everybody was invited to send in his renewal for two years or more and help the magazine build circulation. Many readers obliged obediently and ordered up a couple of years. Apparently this was just get-away money because the magazine published two more issues and coughed up dead, leaving a lot of unhappy hams in the wake holding their cancelled checks and little else. Apparently this is all over, because a new group from 4 land, having nothing to do with the former editor and publisher, have taken over and the first issue of the NEW RPT came out over a month ago. Subscriptions are \$6/year, \$11/2 years, \$15/3 years and you can address your order to RPT Magazine, Box 6253, North Augusta, S.C. 29841. This is a magazine for the amateur seriously interested in FM and the first issue contained an article interview with Bob Waters, a transmitter isolation discussion (cavities and such), A Universal Motorola HT Charger, and a conversion for the AN/TRC-24. Slow starting, but it should pick up as they gather momentum.

RED CROSS HELP ON THE WAY--As reported at the last meeting, discussion on the difficulty of amateurs in getting into disaster struck areas has become a real problem which hopefully will be resolved soon. W5KOZ reported that the club had Red Cross I. D. cards that could be used for this purpose. A letter has been dispatched to RED Cross director Jack Muse to smoke them out for the proper way to use these cards or to obtain advance identification for Disaster area entry, but no reply has been received as of yet. Perhaps we can have a return by the club meeting date.

CRYSTALS UNLIMITED (OR ARE THEY??) A recent letter to Ed Juge (rhymes with huge) of Juge Electronics in Fort Worth by WA5LTM trying to find a ready source for crystals for his newly purchased IC-21 brought this response for ED, "We hesitate to accept an order for a crystal type such as the IC-21 which isn't a stock type. Our supplier has accumulated some blanks in the types used for Regency, Swan, and Drake, but is short on raw quartz with which to cut other types. Rather than take a chance of quoting you delivery and having it draw out to many weeks, I would prefer to pass altogether. We hope the situation will improve sometime in the near future..." Moral: Look before you crystal up. We are neither encouraging nor discouraging the purchase of a particular kind of amateur 2 meter rig, but rather making you aware of the facts of life regarding crystals. Quartz is in short supply and the market is highly competitive as a recent visit to Sentry Crystals in Chickasha by WA5EPK and Wayne Green, W2NSD/5 in his recent visit to the OKC area will testify. As Wayne was walking around taking pictures of the crystal making process for the next issue of 73 magazine, I saw him get ready to shoot a shot of raw quartz with the importers name inked on the top of the slab. He was immediately stopped by the pleasant executive from Sentry who was showing us around and who apologized explaining the difficulty they were having getting material and they certainly didn't want to complicate it by tipping off other crystal manufacturers as to their sources through a national ham magazine. Wayne did shoot some shots, but with the importer's name carefully concealed. At least we got the tour. International wouldn't even let us in the workroom door. So maybe those synthesized rigs look better every day.

KOZ CORNER - Sid, W5KOZ, offers the following suggestions to make repeater operation more enjoyable for everybody. "For what they are worth, here goes."

1. Don't bust into a QSO in progress unless you really have something to say. Then state your call only and quickly during a switch over in the QSO.
2. Pause momentarily before coming back during a conversation to allow a new station to enter.
3. Use the work BREAK only when your entry into a QSO is time-critical, or if it is necessary to make an important contribution to the discussion.
4. Use the double-break (BREAK-BREAK) only in case of an emergency. This should be a high-priority signal.
5. Use the triple-break (BREAK-BREAK-BREAK) ONLY IN A MOST GRAVE DISASTER!!!
6. Remember that the repeater is like a party-line telephone. Everyone on the repeater has to listen to you when you are transmitting, whether he wants to or not. KISS (Keep It Sweetly Short)

KIND OLD ZOMBIE

The previous suggestions offered by Sid are well taken and especially important now that the Repeater population hovers near 140 members. You should remember that the repeater has become a common link that joins all the members together. But how many of these 140 members do you hear over a 24 or 48 hour period? Few, which points up a few operating practices which bear examination. Ragchewing, a la 75 meter phone by base stations is certainly improper (Repeater timers have other uses besides compliance with FCC regulations). Remember that Docket 18803 (which is an expression of FCC policy through the regulations) specifies that repeaters were to be limited to the use of boosting portable and mobile stations operating in INTRACOMMUNITY SERVICE. (i. e. not for the use of DX operation or excessive ragchewing). Use common sense and courtesy and perhaps we can avoid the event reported in the May-June 1973 issue of the REPEATER BULLETIN in which the trustee of the largest repeater in NYC had to impose a rule of no ragchewing absolutely except between the hours of midnight and 6 am. This was for mobiles and portables as well as base stations. Another example of this type of abuse was offered in a recent issue of QST in which repeater users in Chicago operating from base stations were required to stay on particular frequency: with mobiles on another. The control circuitry was such that the mobile frequency could override the base station at any time for emergency traffic. The basic idea is that anytime a ragchewing base station goes on and on and an emergency arises, the mobile could involuntarily seize control of the output frequency and report the emergency without waiting for his long winded friend to wind down. Don't earn a reputation. Base stations are needed on the repeater to monitor and help mobile and portables not to monopolize and monologue the frequency. In an emergency situation, seconds could mean lives and the justification that the mobile can break in at any time is just not true. Further any attempt to override your signal into the repeater would be impossible with the height and power advantage possessed by bases. Because we all share the frequency, economy and brevity are watchwords. Don't repeat on the repeater. Techniques which are useful for high frequency work are just not suitable for the relatively interference free operation above 146 Mhz. In moving to repeaters, we trade frequency off for a time share mode. We all have been accustomed to the difficulties in working on the low bands, but these are not habits that work well on repeaters. Show and prove your versatility and demonstrate courtesy to your fellow MORI members.

THE ROGUE MAIL - - New mailing labels for MORI users are now being used if you took a glance at the front of the newsletter. They are now being reproduced by Xerox for just 31 cents for all 150 mailouts (O. U. Radio Club has donated the expensive labels from its abundant supply). The only special machinery required is just a typewriter and only requires a periodic visit to the local copy center. The two or three digit number in the upper right hand corner means indicates the expiration month of your membership. The first one or two numbers indicate the month and the last number is the last number of the year of your expiration date. Thus for example, 73 (if you'll pardon the expression) means that your expiration goes down the tubes in July of 1973. It was decided that all the additional information regarding dues and your exact expiration date could be easily omitted since mailings are now made monthly. The difficulty will arise when we attempt to get all of the information together for the potential bulk rate mailing which should start in January. We are attempting to get telephone numbers also on the cards for the member convenience when printing the rosters. As a result, it was decided to compress the data on the mailing labels. Exact dates will still be recorded in club records. Don't be angered if your middle initial is omitted or your address abbreviated. It is all in the interest of space. Incidentally two or more members who live in the same household and are taking advantage of the special membership rates of \$1.00/year will receive only one copy of the newsletter since the printing and postage costs would total up to \$. Also the newsletter will be also used for the mailing of renewal notices and the return of membership cards and other information to individual members instead of separate letters for each instance. If you have renewed during the month, then you should receive your new membership card with the next month's month newsletter.

NEW! NEW! NEW! REPEATER DIRECTORY! NEW! NEW! NEW! - - That's right folks. The new ARRL Repeater Directory is now available and a copy has arrived at the QTH in Norman. The new directory contains all the repeaters registered with the ARRL up til May '73. Although no price is indicated on the pamphlet, there might be a nominal charge or at least an SASE required to obtain your copy. Check with the ARRL and ask for the 1973 repeater directory. Send SASE with 24 cents for postage.

RADIO EXPO 1973 - - BIG NOISE IN CHICAGO - - Hanking for a ham type vacation or even weekend? If so then the WA9ORC Radio EXPO '73 might be just the thing on July 7 and 8 at the Lake County Illinois Fair Grounds on Rts 45 and 120 in Grayslake, Illinois

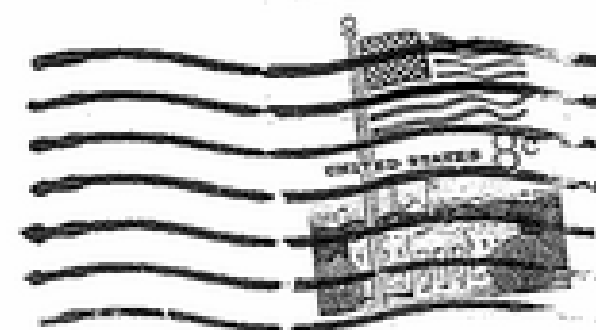
EXPO should be just the thing. Billed as the "Largest Meeting of Radio and Electron - Enthusiasts in the Midwest," it will feature many manufacturers exhibits, as well as the famous EXPO Fleamarket, along with Technical movies, Seminars and other activities. Members of MORI who are planning attendance at this time include WA5LTM and WA5EPK. EXPO is truly the granddaddy of them all. Information available from Radio Expo '73, P.O. Box 1014, Arlington Hts., Ill. 60006. But you better hurry. -----  
YOU OUGHT TO BE IN PICTURES - - Items mailed in with his renewal from W5OJZ show a clipping from the Oklahoma City Times of June 14, 1973 (Quick Helen, get the newspaper from the garbage!) with Frank with his hand on the really big switch (air raid switch, that is) at the City EOC. Also included was a nice story about what goes on behind the concrete and steel doors. No doubt that this liason between MORI and the EOC has contributed much to the sophistication and utility of repeater operation in OKC. I would have been the first to admit that Frank had quite a bit to do with catalyzing this most valuable public service, but Frank beat me to it. Seriously he does remark in his letter about comment he has hear on the air about EOC operators not answering the calls on 94. Anyone who has ever seen the EOC operator at work knows that he has a tremendous amount of information to assimilate and coordinate. Frank chides those who criticize and I am sure that if you have some specific information concerning EOC - MORI coordination, Frank would like to talk to you. (From this writer's viewpoint, the times I have needed EOC, Both W5OJZ and WA5STC have been right on the ball with exceptional efficiency. Listen to these two when a call is made to them. Brevity and efficiency of communication are noticeable). Frank suggests that this was a similiar problem with the old Sunday Night Roundup. Too many people criticizing and not enough communication. Just remember, EOC may be a busy place, but it provides the best liason there is between you, the ham in the street, and the forces of city government. Your cooperation is needed. Frank also suggests that 94 direct activity be limited. Don't jepordize the trustee's position by direct activity on the repeater output. Remember, just like Ragchewing and DX, direct work has its place on two meters. Frequency coordination is one of the few things that the FCC has left to the amateurs. Don't be a part of any reason they may come up with to change. Anyway, Frank is currently harboring political aspirations to remedy the situation.

FOR SALE---GENERAL ELECTRIC Progress Line Transceiver. 117 Volt Base station with 5 channels, 34/94, 22/82, 52/52, 58/58 already installed. There is space for 07/67, of course. the Machine has a nuvistor preamp. For more details. See Mac, K2GKK/5, 5120 S.E. 49th, Okc. Phone 672-4947.

FOR SALE---Frequency Meter. Interested, see Bill K3TGY/5, 2537 Edgewood, Moore, Okla or phone 794-0406.

Got something to buy, sell, or trade? Let us know. Write or call the Secretary-Treasurer before the 15th of the month preceding the mailing of the newsletter. New items are also welcome, especially of particular interest to persons in the OKC area. Just built something that members might be interested in? Let us know and write it up. Equal time will offered to any member for any editorial comment made by the editor (within space limitations). Got a particular viewpoint? Air it and share it. The address of the Editor is Micheal Salem WA5EPK/5, 1324 Lincoln, Norman, Okla 73069... Phone 405 321-5453. Get the feedback loop working.

MID-OKLAHOMA REPEATER INC.  
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First class Mail

To Amateur Radio Station