



Annual Christmas "HO HO" Meeting scheduled December 3 at City EOC

## MID-OKLAHOMA REPEATOR INC.

Serving Central Oklahoma Amateur Radio Operators

MORI CHRISTMAS MEETING SCHEDULED - As the song goes "It's that time of year" and the members of MORI are ready. Special fixings for the Meeting for December will include cake and coffee and movies. WA4AQW and WA9FDO have film ready for the showing that depicts the changing of the repeaters. Also K2GKK will be around to give us another view of the film he took of the moving of the 34/94 machine, most of it shot from the ground. (Mac does not like high altitudes). Oh yes, this will be a joint meeting between the members of MORI and the Oklahoma City Autopatch Society and we expect a large turnout. New President (taking office January 1st) WA5FWD has a few surprises and some recollections planned for the meeting so it should be a whiz banger. A door prize or two should be available so come early and stay late. Almost forgot, there will be a business meeting, so a few regular items can be taken care of, but let's not let business stand in the way of a good time.

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MOONBOUNCE ALLEY - So many of us are used to the signals that we hear on the repeater as being 20 or 30 over S9 that we tend to forget what the real potentials for communications on two meters is. For example, just stop and think, what would you think is the reliable distance that you might be able to conduct a two meter QSO over? If you guess 50-100 miles, then you are dead wrong. While two meters to most of us is a functional type of operation for communications over short distances (WA5TRS characterizes it more like an intercom, which is an apt description), the serious VHFer's are really going all out to show what the real capability of two meters is. Two of those people in point are J. W5ORH and Marshall WA5UNL. Marshall says that he can talk 400-600 miles anytime of the day or night to a station that is similarly equipped to his. Iowa and areas of that distance are not uncommon. The potential for two meters over the long haul is much much greater than any of us might think. In addition, while most of us have confined our thinking about moonbounce to 432 Mhz, it is possible to conduct a moonbounce QSO on 2 meters. Marshall has already done this using an 80 element array. Which brings us to the point of this article. Marshall and J. are planning the construction of a moonbounce array that will be the largest in the country. It will consist of 320 elements (an area covered of approximately 42' by 36') which will have a polar mount and adjustable declination. The gain of this monster will be somewhere around 27db which when fed with about 800 watts will produce an effective ERP of over 400,000 watts. This will be the biggest in the country. There are already two of these already in existence and OKC now has the opportunity to join this exclusive group, but the cost in time and money is not minimal. There are more than a few manhours involved in getting a project like this off the ground. This is not a project involving a few dedicated VHFers, but one in which every amateur in the OKC area can get involved and one way to do it is to just talk with Marshall or J. about what they have done already. Discussion will take place at the meeting about members of MORI and OKCAP can do to help and J. and Marshall will be there to answer questions. If you can't wait until then, you can give Marshall a call at 787-9292 and get the scoop or call J. at 787-9545. This can be a lot of fun, plus you can get involved in true state of the art VHF.

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TELETYPE GOES 52 -- A few operators (including KP4DJT, WA5TSJ, K3TGY) have an autostart net on 52 simplex (they intend to move to 70 soon which is the national teletype simplex frequency) and invite anyone with a machine and interested to join them. K3TGY has laid out a PC board for an ST-5 converter and will let you have one for a minimal cost. Parts costs are minimal, and the construction and tuneup can be eased by asking any of the three for assistance at the appropriate. Bill is going to lay out another board and include a few more functions than on the current board, so if you have some PC layout talent, contact K3TGY at 794-0406. This could become quite a club project and would be loads of fun. These three are leaving their

machine on in the idle position and upon the receipt of an auto start tone, the machine come on, records the message that the other is sending and then after about 30 seconds or so shuts down. The perfect thing for getting in touch with ole what's his name who is hard to find. For details contact KP4DJT, WA5TSJ, and K3TGY.

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YOU CAN BE A STAR--Another area of interest in the VHF region is that of Fast Scan Television. It all kind of started when WA9FDO and WA5EPK went to an auction of TV equipment (I announced it at the October meeting) and bought some TV Cameras, Video Tape Recorders, and monitors. Since then, others have been surfacing with both equipment and interest including K3TJD, WA5WET, K5CFM and others. For information about getting started (the best place for info is to subscribe to the A5 Magazine for just \$2.50 a year. Write to P.O. Box 6512 Philadelphia, Penn 19138), contact Joe K3TJD. He was wondering whether it might get off the ground. For information about commercial equipment which is available as a package, contact K5CFM at 755-0820. WB5AUF is probably the most knowledgeable in this area on both fast scan and slow scan equipment, but Abe is generally home on the weekends only. Even so, he is glad to assist with information and possible equipment sources when available.

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KLUNKERS--A point brought out by WB5JBL at the last meeting is that the newsletter should be used to disseminate information concerning equipment that amateurs should avoid or at least be wary of when purchasing. The newsletter welcomes equipment reviews as long as they are objective and not libelous. In addition, we solicit no reviews from manufacturers on their own equipment. Frank at the time was complaining about a Clegg 27B FM transceiver. He was amazed at the problems that he was experiencing with this piece of equipment including voltage sensitivity, shoddy construction, and the fact that it is not truly synthesized. This fact has been brought out at meetings before and was mentioned once in the newsletter. But the Clegg method is OK as long as you realize that it is not a truly synthesized rig. Frank's comment brought about comments from others concerning particular brands of two meter equipment. For example, the name Dycom came up more than once and it has generally been conceded that the Dycom "Super D" amplifier should be categorized as a Super Dud. In addition, you should learn never to attempt to tune a Dycom amplifier. One of the brightest technician's that I know who works on commercial equipment everyday undertook such an effort with the consequences that the final transistors blew out. This has been known to happen even if you weren't tuning the amplifier! Also Dycom must get their power ratings for their amplifiers from a Captain Marvel Comic book because they border in the realm of science fiction. A problem this editor had with a Dycom amplifier ended with a couple of nice letters to the manufacturer explaining the problem over what apparently had been a mistake between the dealer that the amplifier was purchased from and the manufacturer. The amplifier was repaired (at a cost) and returned and a small note penned to me that the problem was in the private dealings between me and the amateur I bought it from! Apparently Dycom dealers are not dealers, but just people who pass this garbage to an unsuspecting amateur population and your only remedy would be to sue your friendly dealer. In objectivity, some people have experienced success with this equipment and have had minimal problems, but I have yet to see one that meets the power specifications that they call for. You would do much better to purchase a KLM or Tempo or other. A final threat of legal action against the company brought only the response from the president that he would exchange the amplifier which had been sent in (after blowing a second time) with another for \$50 more. The question now is, Do I throw more money after bad and try to recover my investment while praying the amplifier will meet its specifications or just write off the entire expenditure as a bad experience? That question has not been answered yet. Oh Yes, what about Frank and Clegg? Well, the local dealer gave him another radio which Frank has been relatively pleased with and Clegg took the other back in trade even. It took them a while, but they solved the problem. Probably what is needed is some truth in advertising by manufacturers and an effort by the amateur population to use the medium of their newsletters and newspapers to ward off the efforts of manufacturers who scalp. Fortunately there are only a few.

SECOND VERSE-BUT A NEW TUNE--The MORI Newsletter is due to undergo a bit of surgery sometime after the first of the year. First a new editor will be inserted and based on discussion that occurred at a meeting of all the editors of all the amateur publications in the OKC area, a new king newsletter will be issued under the auspices of CORA. Clubs in producing newsletter output have been faced with most of the problems that everybody else is, rising printing cost, postage that is going to a probably 13¢ an ounce and finding people who are willing to spend a few hours a month and compile news. The results of the meeting will presented at our regular meeting in either December or January, but in brief, here is what was decided. Under the auspices of CORA, a master newspaper would be set up with an editor. Each club would have an associate editor who would prepare two pages of material for each issue from each club. Their would be about 6 pages of filler material which would be compiled by the editor and the associate editors which could consist of technical articles, commentary, and other news items of general interest. One page would be taken for a calendar of activities which would indicate club meeting dates for each club and other special events as they occur. It was determined that each club would make a contribution based upon the number of people on their mailing list. This means that one person who belongs to more than one club would be contributing twice as much, but the determination at the meeting was that it was better for CORA to operate this function in the black rather than on the border. Cost evaluations were made and it was determined that by sharing common postage and printing costs that effective savings could occur. In addition, Joe WA5ZNF has made arrangements for the printing to be done at cost which would also include the use of an addressograph for mailing. Complete details will be fleshed out by the associate editors, but the advantages are odvious. Many clubs have common membership. Printing costs and postage are going up. Newsletter costs take a big bite out of every club budget. In addition, each club's activities would be available for any amateur to read about which would provide a sense of cooperation among the clubs. It has been odvious that friction has developed on a friendly and not so friendly basis over the past many years. Amateurs don't need friction, they need cooperation and a common newsletter would be a start. We need to join together to sell amateur radio to the public. Many people don't know the difference between an amateur radio operator and a CBer. Common public relations efforts could arise out of this newsletter. OKCAP has done an excellent job in providing information to the public about the benefits of amateur radio and the cooperation of MORI and OKCAP and other repeater groups in the com-bined weather watch has received great publicity. In addition, the Memorandum of Agreement as to Emergency Communications penned by the Five clubs in the OKC and Norman area was a major step in preventing fragmentation of amateur efforts in providing public service. One group, serving a common purpose, for providing that element which each club has in common, public service, is what is needed. There is no reason why each club cannot maintain its identity whether as a matter of pride or because the historical context of the club, but there is no reason why we cannot serve a common purpose and that is public service. Each member of each club will have their opportunity to express their views as to the proposals made by the committee of editors and CORA's representatives and volunteer's are solicited for help. Between the four clubs, there should be a minimum of work for all.

EOC REPORT-A big scoreboard this month. Remember that you can report traffic lights that are malfunctioning, accidents, unidentified flying objects (excluding Santa Claus) by calling the City EOC At WB5KMB. If no response, get a landline to 424-4304. Amateur operators are on duty from 3 p.m. till about 11 or so every day, seven days a week. This month's list:

10/29/74	1631	K5VVZ reported a signal light stuck at N.W. 23rd and Portland. He notified the EOC.
10/30/74	1657	K5YTW reported a stalled vehicle at S.E. 29th and Marshal. He notified the EOC.
10/30/74	1700	K5YTW reported a car and truck stalled at S.E. 29th, 1/2 mile east Air Depot. He notified the EOC.

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10/30/74 1718 K5VVZ reported a signal light malfunction at N.W. 23rd and Hudson. He notified the EOC.

10/30/74 1748 WA5EPK reported a stalled vehicle 3/4 miles south of S.E. 89th on I-35. He notified the EOC.

10/30/74 2051 WA5TDJ reported a large semitrailer stalled in the East Bound lane of I-40 west of the Scott Street overpass. He notified the EOC.

10/30/74 2057 WA5TDJ reported a vehicle stalled in the Middle of the intersection of S.E. 15th and Oscar Rose. He notified the EOC.

11/5/74 1657 W5TVB reported an abandoned car 3/4 miles north of Newcastle Road on South MacArthur. He notified the EOC.

11/5/74 1930 K5VVZ reported a signal light malfunction at N.E. 36th and Prospect. He notified the EOC.

11/6/74 1619 WA5EPK reported a stalled vehicle at Reno and Robinson. He notified the EOC.

11/6/74 1836 K3TJD reported an accident without injuries at Broadway and N.W. 13th. He notified the EOC.

11/10/74 1826 K2GKK reported an accident without injuries at N.W. 88th and MacArthur. He telephoned the EOC.

11/10/74 1834 W2VQS reported a signal light malfunction at 36th and North Lincoln. He notified the EOC.

11/11/74 1841 W5QXQ reported an abandoned car in the eastbound lane of the on-ramp to I-40 from Council Road.

11/11/74 1905 K5VZY reported a signal light malfunction at N.W. 10th and Virginia. He notified the EOC.

11/12/74 1734 K5VVZ reported a signal light malfunction at N.W. 23rd and MacArthur. He notified the EOC.

11/13/74 1545 K5QDR reported an abandoned vehicle at S.E. 59th and Sooner. He notified the EOC.

11/13/74 2039 K5YTW reported a stalled car at S.E. 29th and the Tinker Main Gate. He notified the EOC.

11/18/74 1735 WB5ISN reported a stalled vehicle in the North bound lane of the Classen traffic circle. He notified the EOC.

11/19/74 1719 WB5GMK reported a stalled truck in the east bound lane of I-40 at the Classen exit. He notified the EOC.

11/21/74 2200 KP4DJT reported debris in the street between 89th and 104th on South Bryant. He notified the EOC.

11/22/74 1732 KP4DJT reported a tire on the off ramp in the southbound lane of I-35 at N.E. 10th. He notified the EOC.

11/22/74 1745 AFB5JDV reported a signal light malfunction at Reno and Air Depot. He notified the EOC via the Air Force Mars repeater.

11/22/74 1741 WA5EPK reported a stalled car in the West bound lane of 23rd and North Broadway. He notified the EOC.

11/22/74 1748 W5CEP reported a car stuck in the center medium 1/2 mile west of Choctaw Road on I-40. He notified the EOC.

11/23/74 2205 K3WGF reported an accident without injuries on I-40 in the eastbound lane near Western. He notified the EOC.

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ARRL DIRECTOR AND VICE DIRECTOR ELECTION DEPARTMENT--A late flash from W5JJ indicates that Roy Albright W5EYB and Jack Gant W5GM the current director and vice-director for the West Gulf Division of the ARRL were reelected. Congratulations to both Roy and Jack. They have both been extremely sensitive to the needs of this area and the entire West Gulf Division. We are fortunate to have such fine representation.



CHART OF THE MONTH DEPARTMENT  
Provided in the Christmas Spirit  
this month by WA5TRS. Joe has a  
calendar to go with this. A  
little scotch tape and you'll be  
all set for Christmas and the New  
Year.

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## FOREIGN LANGUAGE DEPARTMENT--

It's difficult enough to learn to speak a little Japanese so that you can make that DX contact. Well, imagine how difficult it might be for some of your relatives when they come down to five land to visit. So we include a special holiday dictionary for you to hand to some of those Yankuh relatives to get the conversational ball rolling. As for vice verse, forget it. Nobody's been able to do that yet.

AGG-	WAT A HEN LAYE	NAR-	OPPOSITE OF WIDE
AINTS-	HE'S GOT AINTS IN HIS PANTS	NACK-	YOUR HEAD SET ON IT
ARN-	MA'S TARD OF ARNIN'	NUP-	NO
BAG-	HE BAGGED HER TO MARRY HIM	ORREL-	THEM HINGES NEED ORREL
BOBBED-	A BOBBED WAR FENCE	ORNY-	WHAT THE SOJERS ARE IN
BRESH-	SMALL WOODS	PANK-	A LIGHT RED COLOR
BUS-	THE LIGHT BUS BURNED OUT	POKE-	A PAPER BAG OR SACK
CHEER-	WAT YOU SET IN	POKE SALLIT-	VEGETABLE
CRICK-	SMALL STREAM OF WATER	PEART-	FEELIN GOOD, NOT PORELY
CLUMB-	HE SHORE CLUMB THEY TREE	PETITION-	WAT SEPARATES ROOMS
COR-	HE GOT A NEW FORD COR	PURDY-	SHE'S PURDY AS A PITCHER
DINNER-	WHAT YOU EAT AT NOON	RANG-	YOU WAR IT ON YORE FANGER
DRECKLY-	I'LL GET IT DRECKLY	RUT-	THEY TREE HAS LONG RUTS
DAINTZ-	SATTIDY NIGHT ENTERTAINMENT	RAT-	DO IT RAT NOW
ERROL-	TV OR RADIO ANTENNA	ROONT-	SHE PLUMB ROONT HER SHOES
FANCE-	WHAT'S AROUND A HOG LOT	SHAR-	A LIGHT RAIN
FARRED-	HE GOT FARRED FROM HIS JOB	SHINNEY-	SHINNEY UP A TREE
FLAR-	A ROSE IS A PURDY FLAR	SODY-	YOU USE IT IN DISCUITS
FRASH-	THEM AGGS AIN'T FRASH	SOFY-	YOU SET ON IT (ALSO DIE-VAN)
FUTHER-	HITS TWO MILES FUTHER	SPRANG-	WATER OUT'N THE GROUND
GRAIN-	SHE WAS GRAIN WITH ENVY	SHURF-	THE SHURF PUT LUM IN JAIL
HAIL-	WHERE BAD PEOPLE GO	SPENDERS-	GALLUSES
HEP-	LEND A HEPIN HAND	STRANG-	THINE
HERN-	IF IT AINT HERN IT'S HIS'N	STORCH-	WAT YOU PUT IN BONNETS
HOLLER-	WHAT'S BETWEEN TWO HILLS	TAR-	HIS COR BLEW OUT A TAR
HARD-	HE GOT A NEW HARD HAND	THOW-	THOW ME THE BALL
HYDRUN-	WHERE YOU GET A DRANK	TARD-	PLUMB TUCKERED OUT
HOLT-	HE GRUB A HOLT OF THE AGG	TOAD STRANGLER-	A HEAVY RAIN
LIAD-	HE DIDN'T TELL THE TRUTH	TURAPIN-	LAND TURTLE
LAG-	MOST FOLKS HAVE TWO OF EM	WAR-	AS IN BOBBED WAR FENCE
MERE-	LOOKIN' GLASS	WORSH-	GO WORSH YOUR NECK
MALK-	WAT YOU SET FROM CAOWS	YURP-	A COUNTRY OVERSEAS



BARGAIN BILLBOARD

FOR SALE-EICO Model 385 Color Bar Generator with manual. Portable, battery powered with a new set of batteries. Provides all the regular pictures bars, squares, dots plus color bars with Gun Killer switches needed for convergence and alignment of T.V.'s. Just \$65. Also Heath Hybrid Phone Patch for SB line Model HD-15 with manual. Just \$17 assembled. Also Motorola HEP LED Readouts (Man 3, Motorola No. HEK-5). Four for just \$5.00. Eight available. Also Motorola Linear Integrated Audio Power Amplifier List \$12.00. Just \$4.00. Has power output of 1.8 watts. Also Gonset Communicator tuned for two meters for just \$15.00 Also PC Kit for just \$5 with photosensitive boards, developer, and echant.

FOR SALE-Many and various components for Hustler mobile antenna systems. All for the High Frequency Band. Resonators for 10, 15, and 20 meters. Also code practice records for 33, 45, and 78 rpm. Contact Carl Drumeller W5JJ, 789-3788

FOR SALE-New Tempo FMH Talkie with 94/94, 52/52, 22/82, 34/94 with Helical antenna, battery charger \$200, with Ni-Cad batteries \$220. Call Larry Dillard WB5CWB at 685-4065.

Got something to buy, sell, or trade? Let us know. Write or call the Editor before the 15th of the month preceding the mailing of the newsletter. News items and technical articles are also welcome. Equal time (within space limitations) will be offered to any member sufficiently offended to write in about it. The MID-OKLAHOMA REPEATOR NEWSLETTER is published by Mid-Oklahoma Repeater Inc. as a service to its members. Members may request additional or back issues of the Newsletter, if available. Mid-Oklahoma Repeater Inc. would like to exchange newsletters with other amateur radio organizations and will mail a monthly copy free to any club that will do the same. Bulk rate mailing privileges paid at Norman, Oklahoma. For information about the club, contact any officer or member of Mid-Oklahoma Repeater Inc.

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MID-OKLAHOMA REPEATOR NEWSLETTER  
1324 Lincoln  
Norman, Oklahoma 73069

To Amateur Radio Station:

Here is Your December  
MORI Newsletter!!