

ANNOUNCEMENTS: Most of you are so well aware of the time, date, and place of our regular meetings that you probably all just skip the first sentence every month. Consequently, we are putting the information in the second sentence this month so that every one will see it; FIELD DAY is the occasion, so come one, come all to ye olde towne of Wilbraham and enjoy yourself on any or all of the bands. Exact locations and directions thereto will be found elsewhere in this issue. Since it will be impossible to have all the gang together at one time, there will be no door prize this month-but don't let that keep you away - you probably wouldn't win it anyway.

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LAST MONTHS' MEETING was, to say the least, an unusual one. We had planned to take advantage of our good fortune in having the New England Division Director, Perce Noble, as one of our members, and have him discuss the approaching ARRL Board of Director meeting. Then, a week before the meeting, the new FCC proposals were released and by meeting time, interest had risen to fever pitch. Perce led the meeting, gave his analysis of the proposals and cleared up many points for those of us who had not studied the proposals at length. After a discussion which lasted far beyond our usual coffee & doughnuts time, everyone left, confident that we would be ably represented at the Board meeting. Thanks, Perce, for a job well done.

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THE EXECUTIVE BOARD met, early this month, with the governing board of the Radio Technicians Guild of Springfield and vicinity, for the purpose of evolving a workable plan for the handling of TVI complaints. RTG President, Frank Keefe, appointed Tom Chapman, WIKK, chairman of the RTG TVI committee, and Tom will work with Ike Creaser, our TVI committee chairman, on all reported cases of TVI where the cause of the interference is suspected to be an amateur station. The sincerity and cooperative spirit of the representatives of both organizations left little doubt in our minds that even the very few cases of friction between servicemen and amateurs in this area would soon be things of the past, and that one of the longest strides to date, has now been made toward the elimination of TVI and its attendant problems.

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OUR TECHNICAL STAFF became a bit capricious last month in the absence of ZERO BEAT'S technical director Dick Stevens, 1QWJ, but this month Dick has returned, administered 20 lashes to each of his wayward technicians and while they are now writing "I promise never again to publish the formula for the probability density of I" on their slates 1000 times, Dick gives forth with the following:

On the higher frequencies, the task of getting the weaker signals is not always solved by using a high gain R. F. amplifier. Although a 6AK5 will give a high db gain, it will also bring up the noise, and in some cases the noise will increase faster than the signal. In a recent QST, Ed Tilton had an article on a cascaded amplifier using a triode connected 6AK5 and a 6J6 grounded grid pre-amplifier. The circuit is simple, the cost is low and the results are outstanding. A pre-amplifier for WNHG - TV channel 6 was built using this circuit with the result that good pictures are now received every night whereas with the original receiver R.F. using 2 6AK5 conventional high gain stages, pictures were inconsistent and of poor quality. The antenna, by the way, is a $\frac{1}{2}$ wave dipole cut for channel 6. Some improvement in the circuit was obtained by changing the 65 ohm 6AK5 cathode resistor to 150 ohms. Consider the excellent results of this circuit on the relatively poor signal of WNHG-TV, 6 megacycle bandwidth, and then just imagine what it would do for a 5 kilocycle bandwidth signal on 10, 6 or 2 meters. We've got one started for 10 and 6 already!

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OUR ROVING REPORTER snooped around a bit more this month and came up with a few startling bits of news; to wit - the second most important event during June (next to field day, that is) will be the nuptials of Hank Stoddard, 1GBC. Hank takes the final step on the 24th and we extend our heartiest congratulations! When we last heard from Hank he said that he had been busy with garden, chicks etc." and hadn't been on the air much - wonder how the future bride likes being referred to as "etc." The next time you work Miles...

to chew the rag, via spark over 25 years ago. Needless to say, the two OT's had much to talk about. Miles is now NBFM on ten meters and is looking for some ideas for a braking mechanism on his cubical Quad - anybody got a suggestion? Many of us like to boast about our versatility and our ability to get on all bands but there is one of our members who can go us all just one better. Al Purseglove, 1QFB, was seen recently in Orange, Mass. where he was directing the Northampton High School musicians in competition with other New England military bands. That's one band we will bet that no one else can get in on but just in case you do, we strongly suspect that you will find Al's operating frequency to be 440 cycles (sound a CQ on your pitchpipe, Al). If any of you combine horticulture with your radio you might be interested in conducting some experiments with Don Shaw, 10FZ. It seems that every time a leaf drops off the tree in Don's back yard, the loading of his antenna changes so much that his signal drops from S9 to S1 at some locations. Don is hot on the trail of some local Luther Burbank who can develop a short-leaf conversely-reactive pine tree whose needles will act as parasitic reflectors when on the tree and as a high conductivity counterpoise after they have fallen. No, Burpee's doesn't list anything like that so stop reaching for the seed catalogue. Russ Merry, 1QCC and Dick Stevens, 1QWJ, are battling it out for the most states on six meters with Russ in the lead 10 to 8. These totals should go way up now that the summer season is under way. Hank Baier, 1NY, says, quote "\$%&# six meter band - where is everybody?" No wonder you don't hear any one on now, Hank, they are all working on their equipment to get it ready for Field Day. Pete Pedersen, 1RVW, is the one who has the hot two meter converter that we credited to Dick Stevens last month. Sorry fellers. Pete, by the way, is collaborating on some of the increasingly popular mobile installations. For an appropriate consideration he'll take over your mobile installation troubles. Even though we can't credit Dick with a 2 meter converter, the fact does remain that he has his TV set going and gets some of the best pictures (for their size) in town. This is excepting Bert Binns, 1KZU, and Wes Thayer, 1LRE, who also rolled their own, but since we hear that ARRL is considering the addition of Feeding Hills to their Official List as a separate country, we can't really say they are "in town". Seriously speaking, there has been an addition to the Official Country List, namely, Isreal. If any of you have worked a ZC6 or a 4X4 since May 14, 1948 you can claim credit. This made number 199 for 1JYH, incidentally. Tom Rothwell, JA3AA, registered a hot complaint during a recent QSO that we had not given him sufficient time to earn his Honey-Bucket-bordered certificate. He is returning to the States in a couple of months so if you haven't worked him already, look on 14,100 kc every morning at 0730 Daylight time and the chances are that you will find him working either 1APA or 1JYH and it will be a simple matter to make it a three way.

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SPEAKING OF COMPLAINTS - we made the remark last month that there would be no more Zero Beat if we didn't get any more contributions. The above paragraph should be evidence enough what just a few responses can do to liven up the paper, and we sincerely appreciate the effort made by those of you who contributed - but it is still a doggone small percentage of our total membership. Keep 'em coming and we can still get the old sheet out.

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DOES ANYONE have a 2500-3000 volt, 300-500 ma. power supply for sale or for trade? Ells Bostwick, 1GJJ, has low voltage supplies, QST 1932 thru 1945 and other technical books and is very anxious to make a deal. Ernie Champagne, 1MSN has converted SCR 522 transmitter and receiver for sale. See him for details.

FIELD DAY

Committee Chairman: Hank Baier, 1NY, 18 Ripley St. Wilbraham, Tel. No. Wilb 329-11

Field Day for the Hampden County Radio Club will be held June 18 - 19, at Mohawk Field, Wilbraham. A map showing the exact location will be found in this issue and there will be signs along the roads leading to the field so that even the earliest arrivals Saturday morning will be able to find their way. This location is ideally suited to low frequency operation and we will have transmitters in operation on all bands, phone and cw, from ten to eighty meters. VHF equipment will be located in the tower on Wilbraham Mt. and, of course, will be scored separately as a VHF - only score. In addition to the main event in Wilbraham, we will also have a cw group in Brimfield and a phone group in Blandford and these too, will be entered under separate scores. These latter two groups

below represent a lot of work, telephone calls, personal calls, thought and planning on the part of our chairman - to quote Hank, ". . . it is hoped that, if your call appears for assignment, you will respond and help make this Field Day the best ever." To put it a little more bluntly we might say that anyone who doesn't show up as requested had better have a damn good reason or start looking around for another club that doesn't object to having lack-lustre parasites for members. When Field Day rolls around, there is no room in our club for disinterested persons. Field Day is strictly a club activity and must have the active support of every member to be a success!

JOB ASSIGNMENTS

SHELTER - Tents & Generator Shelter - WLOJK, WIKQM, WLBCI, WLNNT, WIMSN

TRANSPORTATION - Tables, benches, Generators, etc. - WLJMF, WLIOL

WIRING - Generators to lights and Transmitters - WRLV, WRRX

REGISTRATION - Records & equipment lists - Ken Gurney

H.F. LINK CKTS. - Installation, antennas & tests - WLUD, WIPHU

ANTENNAS - WIQFB, WLIJT, WLRHU, WLMNG, WLRDR, WQCC, WLN, WLRZG

TRANSMITTER INSTALLATIONS - Xmtr & rcvr adjustments - WLOJV, WLOBQ

GENERATORS - Installation and maintenance - W7KDI/1

H.F. UNIT AT TOWER - WIRFU, WIQWJ, WLRVW, WLNLE, help as required from Mohawk Field

BRIMFIELD - WIAFA, WLEOB, WLJYH

BLANDFORD - WLRW, WPIR, Charlie Condon

The above assignments are for 9a.m. at Mohawk Field. Any extra help at this time will be greatly appreciated and there will be plenty to do for anyone else who would like to come.

The SCR 399 installation mentioned last month will be under the control of Lt. Ed Foster, Communications Officer of the 131st Squadron, Mass. Air National Guard. We have received a letter from Lt. Col. John J. Stefanik, Commander of the MANG Base at Westfield, thanking us for our invitation to participate in the Field Day activities, and we quote his good wishes as follows: "We recognize the need for communication service which an organization such as yours can provide in event of an emergency and wish you every success during your encampment."

OPERATING ASSIGNMENTS

The following list is an attempt to spread the operating time over the contest period, with consideration given to the availability and convenience of the membership. It is subject to change and does not limit the operating time to the period listed. If your assigned time is not convenient and you can be on hand at some other time, please let Hank know by card or over the air. If your call is not listed below it is an oversight and please forgive us. There will be plenty of equipment and time available so come early and stay late. Additional operators between the hours of 11 p.m. and 8 a.m. will be needed so if your night-owl blood is rising at this time of year bring your blanket and plan to stay for the night.

Op. in Charge

Sat.	4 p.m. to	6 p.m.	WLOJV	NLE	MNG	BCI	GJJ	KQM
	6	" 8	WLOBQ	RRX	OJK	ACM	IOL	
	8	" 10	WLKUE	QCC	QFB	LJQ	NNT	
	10	" 12	WLIJT	PHU	GZL	CJK		
	12	" 3 a.m.	WIMQK	MIV	IJT	RRX		
	3	" 5	WLUD	OAQ	RHU	MYZ		
	5	" 7	WLN	JWV	RDC	IJL	MSN	
	7	" 9	WLEPV	QEZ	OUT	PHU	LHW	IMV