

**JOURNAL OF THE  
Q R P  
RESEARCH SOCIETY**

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JOURNAL OF THE

ISSUE No 61

Q R P SOCIETY

SIXTH YEAR

DECEMBER 1954

..... Published in the last week of each month .....

PRESIDENT: Mr E. BANKS, GC2CNC.

PAST PRESIDENT: Mr A.O.MILNE, G2MI.

CHAIRMAN: Capt A.M.H.FERGUS, G2ZC.

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Deadline for publication in next issue is the 12th of next month

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Best Wishes

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.....: DESIGN OF QRP SUPER-HETS .....  
by DAVID WHITE, G3JKA

OPERATION AT LOW HT POTENTIALS:-

In a pentode valve the main control over performance, after the control grid, is given by the screen. If the screen is run at the right potential then the anode voltage has little effect on the gain or Ra as long as it is kept above the "knee" of the characteristic. Thus, the valve may be operated from an HT line voltage equal to the screen voltage as long as there is not much resistance in the anode feed. This is a very considerable advantage since most RF pentodes need only 100 volts on the screen and, with this HT voltage, the input wattage is reduced to less than  $\frac{1}{2}$  that with normal HT voltages. There will be a slight reduction of Ra but this will not normally matter.

.....: STRAIGHT FROM THE STATES .....  
by WØPRM

First of all, don't you fellows forget the 160 metre Dx tests coming up. Here, briefly, is the information. Tests will be held Dec 5 and 10, Jan 2, 16, 30 and Feb 13, between 0500 and 0800 GMT. W/VEs call CQ TEST on the hour for 5 mins & each succeeding 10 mins thereafter. Dx stations call W/VE at 5 mins past the hour and each succeeding 10 mins thereafter. ZLs use 1875-1900 Kc/s. W/VE report to W1BB. Dx stns report to G6QB. Good luck!!

I wonder how many of you get "fed up" with QRM? Why not move to 15 metres? This band can produce amazing results with QRP and a good antenna. The past few days (letter dated DEC 4th) have heard on 15 CW: ZD6BX-CR6AI-CR7BB-ZD2DCP-ZE3JJ-OQ5RU and lots of W/MM stations. Also one FB8BR -- QTH? All these stns S5 or better but subject to quick fade out.

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New one worked at WØPRM was ZK1BC, Cook Island. This on 7008 Kc CW with vertical antenna and 20 watts input.

Here and there . . . SP3PL uses a 5 watt VFO and likes QRP Dxing . . . W3MO runs 20 watts on 10 meters . . . ZC4CA uses 25 watts on 160 mtrs with various longwires . . . VPLAA uses 12 watts CO/PA on 14 Mc/s CW

Merry Xmas and Happy New Year -- 73 till next month,  
"Bud", WØPRM.

(Bud has noticed an improvement in condx on all bands during the latter part of Nov, enabling him to work into DL, G and SM on 14 Mc/s whereas, for quite some time, he had not even heard a signal from Europe. He also worked his first HB9 on 14. In his covering letter he says the Wx has been very nice in Kansas with what they call "Indian Summer" days and adds, "Would like to have a little snow for the holidays, though" -- My Goodness, we'll trade in anything we've had lately for a sight of your Indian Summer, OM!)

.....: SOCIETY NEWS & ACTIVITY :.....

RON GOURDIE, one of our almost "foundation members", has turned up again at last after a long period of QRT. He is now working "south of the border" in Yorkshire, and still finds it almost impossible to make time for the hobby though his interest is still as alive as ever.

KEITH RANGER who has been our representative in Egypt for a long time now is expecting a move at any moment. Unfortunately he does not yet know whether he will land up in Iraq, Jordan, Malta, Germany or England -- that depends on the mood of RAF Top Brass! Wherever it is his pocket size O-V-O will be going with him, and it is very fortunate indeed that we are able to publish, this month, his entry into the C-Z Panel (and a fine entry at that!) of calls heard on it from his EL Firdan, Egypt station -- our first entry from an overseas source.

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BILL IBALL has been having a very rough time lately; he has been pretty seriously ill but is one of those obstinate people who will not "lay off", consequently, though he has beaten the germs he is feeling thoroughly run down. His new O-V-1 (6C5-6V6, 1 2/5 watts) has had its first air tests and seems very satisfactory (We should like froull gen with circuit and all details, for the mag, OM, please. Do hope you'll be OK again soon, Bill.)

NORMAN BASON has been spending many moments of fear and trembling watching his 2-metre beam bending almost double in the recent gales. His shack is only a few yards from the sea at Peel in the Isle of Man and, like Monty in Jersey, he gets the full force of any winds that blow. However, the antennas have stood the strain so far -- not so the valves of his new battery Rx which met a sudden and unfortunate fate in one flash of protest the first time he switched on -- so he still doesn't know if the rig works or not;

ALLAN HERRIDGE, G3IDG, has managed his first QSO outside of Europe at last. On 28/29th Nov he worked MD5FH at 2350/0021 GMT on 80 running 6.9 watts and got a 459 report. The MD5 was using 200 watts and Allan gave him 569. Allan was using the 40 metre T2FD which, for some reason seems to load well on 80. Other QSOs on 80 recently have been EI5C-LA7X-PA6AA-OZ7BG and DL6CL, all with 7 watts. He has just received his 25 wpm sticker for his Veron Code Proficiency Certificate.

GEORGE STOKES is working on a copy of the 2-metre Rx by Capt. J. Cusdin ("Q R P" August 1954 issue). He already has a 90/120 Mc/s Rx adapted from the cct of the RAGB "VHF Technique" booklet (page 42) which has been giving very good results. George has received a number of QSLs as a result of reports on calls heard on the "O-V-2 Huntsman" and is still very enthusiastic about the performance of this Rx.

BRIAN SMITH sent in a query last month (which should have been answered long ago -- vy sry for long delay, OM!) regarding coil data on a cct supplied from here. I'm afraid I cannot answer that one; OM, as you have all the gen and, without reference to the cct again I'm

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unable to recollect the exact details. Reference the power pack for a 1.4 volt Rx line up, it is very easy -- we'll put one in the mag shortly.

BRIAN READ, G3JDT, has been QRT throughout the whole of 1954, but is building up again now for 20, 15 and 10. He also has his phone ticket now so that a new modulator is in view.

LOUIS RAMSEY has asked for back numbers of the mag giving various circuits from which to select his proposed Rx. Back numbers of the mag practically unobtainable, unfortunately, due to the large call for sample copies by prospective members etc, but we are proposing very soon to produce a booklet giving reprints of our most popular cct gen with full information on each item.

PETER GOLLEDGE, VQ2W, has reached a new low in radio activity during recent months (tennis, badminton, swimming and sunbathing have been the order of the day) but, now that the "rainy season" is at hand, the old radio bug has bitten again. Peter is upset that we have raised the max power of the VQ2W contest from 5 to 20 watts -- the reason, of course is that 20 watts is the recognised max for our Overseas Section and it seemed illogical to retain the contest max at a lower figure. Also, we thought that the increased power might attract more entries. Since it has not done so we shall have to admit that this contest is not wanted and withdraw the idea after another month or two.

BOB IBALL has been concentrating on the Transatlantic Tests, his log for Nov 28th including KP4KD- W1BB -W4ZQ and two stations that are under query. The session for Dec 5th produced W1BB-W4JSS-W4ZQ-W8GDQ-KP4CC-KP4DU-KP4KD-KV4BB and W9NH, while several "got away" including W4HHH-WØNWX and W8SNF/9. QRM was very bad in the 1800/1825 Kc/s channel

PETER HUNTSMAN, G3KBQ and RONNIE HUNTSMAN, G3KBR, have done it again, receiving their tickets by the same post on Nov 16th. At present they have only one Tx on the air, crystal controlled on 1810 Kc/s and running 5 watts. The permanent antenna is not yet up and the existing "odd length" does not load very well, but even so several contacts have

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been made. Peter particularly asks that '3JNB and '3jzq should look out for himself and '3KBR on 1810 Kc/s.

MONTY BANKS, G03CNC, has just met our publication deadline with the news that his 264' longwire is down and that the gales also drove a tree into the house through the window. He has been having a very busy time with the QAU Club's stand at an exhibition in Jersey, and tells us the QAU Club is now licenced with the call G03DVC -- all ops are QRP!

.....: THIS "GD" QUESTION :.....

Our statement in the last issue that we considered that GD should rank as a country and not as a county has certainly raised a storm of . . . well, of interest if not of protest!

We have been driven to give the point much more consideration for it does seem a peculiar situation that a place can count both ways. We worked up a nice arguement to prove that GD could only be a country -- and then, going over it point by point, we found we had proved conclusively that if GD did not rank as a country AND a county, then G did not exist at all . . . and there will always be an England!

We should have taken a sly delight in creating pandemonium by showing the pundits to be wrong, but it cannot be done this time -- we were wrong ourselves! GD MUST RANK BOTH AS A COUNTRY AND AS A COUNTY. G, GM and GW all rank as countries containing specified numbers of counties, so GD must be recognised as a country containing ONE county.

With our tails between our legs and our heads in the sand we shall not be quite so rash in answering stray posers in future!

.....: QRP SOCIETY SPARES SERVICE :.....

BC343N receiver in excellent condition & fb working order, covering 160, 80, 40, & 20 metres. Separate power pack for AC/DC mains. In

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addition 240v AC mains power pack available which fits inside Rx cabinet. A real bargain at £18-10-0 carriage paid. Easy payments considered. . . Small compact MW AC/DC broadcast receiver with built-in LS. An ideal gift for the XYL. Packed ready for despatch. £4 carriage paid. . A large number of components & useful equipment for sale -- send a card stating your wants and, if available, details will be sent by return.

Let us know what you have for disposal, with price including carriage.

THIS BARGAIN COUNTER IS AVAILABLE ONLY TO QRP SOCIETY MEMBERS. Save money and help your fellow members at the same time! Others may be searching for just those items you do not want. ALL CORRESPONDENCE DIRECT TO QRP SOCIETY SPARES SERVICE MANAGER, G3CED, Mr George Partridge, 17 Ethel Road, Broadstairs, Kent.

Reported by VHF GROUP NEWS Ted Stonestreet

Did anyone outside the Group listen on Two on Dec 3rd? The Continentals fairly rolled in! DL3 and ON4 were being called by G3FYY. Where was Monty, G02CNC? We wonder if he took advantage of condx. ALEC, G3BII, is now testing a SR rig using a double triode valve with a B7G base which sounds fb. He also has a rig with a DCC90. Alec has been on Two just over a year now and claims 102 stations worked in 4 countries and 24 counties, but he finds the VHFCC hard going having only 74 QSLs out of the 100 needed. NORMAN BASON posted his Two metre Rx off to me to see if I could find the gremlins that have lodged there so long, but the GPO boys practically dismantled it in transit, so it will be a case of a fairish rebuild! GEORGE STOKES is busy with a beam under construction and also has a 70 cm rig almost complete -- this is the Rx section of the Tx/Rx which was on the RSGB stand at the 1953 "show" and the VHF GROUP MEMBERS WOULD LIKE TO BEG, BORROW OR BUY A COPY OF THE BULL CONTAINING THE GEN OF THIS RIG -- believed to be Sept

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1953 (or was it 1952?). George has also sent along the oct of a wave-meter using EC52/EA50/VR67 and several Group members would like to hear of a less complicated rig if any one can help? JOHN WHITEHEAD, our chore-boy (his description!) says that he is determined to get an Rx working on Two during 1955 though, at present it looks as if we shall have to do without a couple of issues of "QRP" if he is to get it beyond its present "paper-work" stage. For MYSELF, I have been trying out a new rig using a CV6 and have found a few sigs as yet unidentified. It does not seem to promise as well as my EC52 rig for Two. The 958 job was a flop, due I believe to the bottle itself, and I am changing it over for a test on the 954 acorn. As to the band -- it has been as dead as a door nail so far as I am concerned -- lets hope it picks up soon!

73, Sincerely, TED.

.....: THE TRF GROUP :.....

Reported by

P. Huntsman, G3KBO

Peter says that he has had only a couple of letters this month. It would seem, therefore, that most of the TRF-interested members did not notice the announcement in the October issue that he would be taking over managership of this Group. We know that a large number of our SWL members and quite a few licenced members as well are TRF enthusiasts and we feel sure that many of them would appreciate an opportunity to get together and discuss this specialised branch of the hobby. Do write to Peter in time for him to get a report in for the next mag. His address is: 2 Lincoln Terrace, Hexham-on-Tyne, Northumberland.

We wonder how many of our members have constructed the "Sensitive Two-Valve Receiver" described by H.E. Styles, B.Sc, in Wireless World of May 1953. Using two EF50s this is a truly amazing circuit giving, as the title implies, extremely high sensitivity and also outstanding selectivity. Vic Brand, G3JNB, has just completed and tested one of these rigs and has been most impressed with the results. It would seem to have tremendous possibilities as a QRP Top Band communications receiver.

.....: OFFICERS & COUNCIL, for 1955 :.....

As mentioned briefly in the last issue, two vacancies occurred on our Council during the past year -- Harry Wells asked to be relieved of his responsibilities on the Contests Committee owing to increasing pressure of work, and, last month Vic Brand asked to be released from his duties as Press Officer for the same reason. We would take this opportunity to thank both these members for their very valued advice and assistance during their terms of office and to express our regret at losing their close cooperation -- especially so in the case of Vic whose magnificent effort in keeping the Society continually featured in all the national radio journals throughout the year has been of very great benefit to the Society in increased membership and in general good-will. He had such an outstanding flare for this particular work that he made himself practically irreplaceable and we shall feel his loss most deeply.

We mentioned last month, also, that only two nominations had been sent in for membership of the Council for the coming year -- on behalf of Messrs Norman Bason and Geoff Baskerville-- and, since these two nominations bring the Council back to its normal quota, all other members are considered as automatically reelected. The 1955 Council, therefore, will be as follows:--

PRESIDENT: Mr Ernest Banks G6ZCNC.  
 PAST PRESIDENT: Mr A.C.Milne, G2MI.  
 CHAIRMAN: Capt A.M.H.Fergus, G2ZC.  
 CONTESTS COMMITTEE: Mr Peter Huntsman, G3KBO,  
                           Mr F.R.Bailey, G3HJL.  
                           Mr Norman Bason,  
                           Mr A.H.Stonestreet.  
 SPARES SERVICE MANAGER: Mr G.Partridge, G3CED.  
 STUDENT SCHEME MANAGER: Mr Geoff Baskerville.  
 SECRETARY, TREASURER, EDITOR: Mr John Whitehead.

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.....: THE KALEVELD CUP :.....

MONTY BANKS, GC2CNC, has again won the Kaleveld Cup -- for the third time since its inception in 1951. Monty put in a really fine Top Band log using a 6J5 Clapp/6J5 Buffer/6V6 PA, the power being 2 watts and the antenna a  $\frac{1}{4}$  wave end fed, with an S640 receiver. Monty also submitted a transistor transmitter report, but this we have had to reject so far as the contest is concerned as other entrants were not TTX equipped. Monty sent in 16 QSOs each of which rated a score of 250 points so that any three of them gave him a total score of 750. His list of QSOs was :-

G4RJ Devon-G5JM Essex-G6KP Surrey-G3BMY Worcester-G5JU Warks-G8KU Yorks-G3GIY Herts-G2DPP Devon-GM3OM Stirling-GM3EHI Lanark-G3GDW Devon-G2DAG Warks-G3EHJ Northants-G3IVB Warks-G3JIT London-G3JEV Devon

RUNNERS-UP in the 1954 contest were the Dartmouth & District Amateur Radio Society, G3JEV. They submitted a report composed of six QSOs on 14 Mc/s and four on Top Band and, by virtue of the band multiplier, the latter gave them an average of 125 points per QSO, so that, for any three they gained a total score of 375. For their Top Band contacts they used a 6J5 CO/RK34 (parallel) class A, running 20mA at 250 volts. The antenna was a 7 Mc/s dipole with feeders strapped, and the Rx was a BC342.

It was a coincidence that Monty's first QSO should have been with G4RJ, B. Farleigh, the Hon Sec of the Dartmouth & DARS, and his last one with G3JEV, the Dartmouth club station with '4RJ at the key.

Monty remarks that, with all the commercials and spitch on Top Band it was a wonder any contacts were made at all! And as to "corny" operating, he mentions two examples -- one operator called him GC2CO and GC2CN, yet sent R before every transmission; and another station who called CQ so many times before signing. Dartmouth found 14 Mc/s condx very poor during the available operating periods.

.....: TRANSISTOR ACTIVITY :.....

The Transistor is obviously a subject of major interest in the future of QRP radio and we feel that the time is already overdue when we should set aside a column for the exclusive inclusion of TTX (Transistor Transmitter) and TTR (Transistor Receiver) news, views & activity.

We already have, among our members, many who are actively engaged in transistor development, and two who are foremost in the field -- Tony Cockle, G3IEE, whose TTX design has achieved such outstanding success, and Monty Banks, G02CNC, who has already done so much to prove the reliability, and even the DX capabilities of the transistor.

In the New Year we are looking forward to a series of practical and extremely authoritative articles on Transistor subjects from the pen of G3IEE himself -- a series which will enormously increase the value of our magazine and which should go far to help our members to keep abreast of the future trend of radio technique.

This month it is interesting to note the TTX QSOs which Monty, G02CNC, included in his Kaleveld report (but which, as stated elsewhere, were not counted as scoring in that event). Using the G3IEE circuit with 100 mW he received reports of 3/4-3-9 from G3HZM; 3/4-4-9 from GM3EHI, Lanark; 5-9-9 from G05HFE, Guerresy; 4-5-9 from G3HIW, Essex; 3/5-3-9 from GM6JH, West Lothian.

Let us have your Transistor activity reports in time for the next issue so that we may start 1955 with a really live Transistor Activity column.

QRP REFERENCE BOOKLET No 1:- "The Language of Amateur Radio."  
Codes and abbreviations with comments and explanations, compiled by  
Mr R.F.Hawksley, G3GBP. POST FREE, 10½d.

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.....: SOCIETY CONTEST REPORTS .....

THE "200" CONTEST (for the GC2CNC cup now held by G2BOF) for the largest number of British Counties worked during the year (Jan to Dec) on 1.8, 3.5 & 7.0 Mc/s with a maximum power of 2 watts.

		<u>1.8 Mc/s</u>	<u>3.5 Mc/s</u>	<u>7.0 Mc/s</u>	<u>TOTAL</u>
1:	G2AOL - - - - -	57	39	33	129
2:	G3JKO - - - - -	48	56	12	116
3:	G2BOF - - - - -	61	21	15	97
4:	G3HJL - - - - -	6	27	-	33
5:	G3EUE - - - - -	-	21	-	21
6:	G3JZQ - - - - -	13	-	-	13
TRANSISTOR TRANSMITTER SECTION:					
1:	GC2CNC - - - - -	11	-	-	11
2:	G2BOF - - - - -	8	-	-	8

THE COUNTIES CERTIFICATE CONTEST for the ALL TIME total of 200 counties (composed of a minimum of 50 on each of the set bands), working under the rules of the "200" Contest above.

		<u>1.8 Mc/s</u>	<u>3.5 Mc/s</u>	<u>7.0 Mc/s</u>	<u>TOTAL</u>
1:	G2BOF - - - - -	80	62	46	188
2:	G3JKO - - - - -	48	56	12	116
3:	G3HJL - - - - -	12	70	-	82
4:	G3EUE - - - - -	-	21	-	21
5:	G3JZQ - - - - -	13	-	-	13
TRANSISTOR TRANSMITTER SECTION:					
1:	GC2CNC - - - - -	11	-	-	11
2:	G2BOF - - - - -	8	-	-	8

WHEN SENDING IN REPORTS FOR ANY QRP SOCIETY CONTEST, PLEASE USE THE SAME LAYOUT IN WHICH THEY APPEAR ON THESE PAGES, AND DO PLEASE USE SEPERATE SHEETS OF PAPER FROM GENERAL CORRESPONDENCE.

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THE VQ2W CONTEST for Overseas members using a maximum of 20 watts. Ten points are given for the first two contacts on any band at any mileage; subsequent contacts count 1 point up to 1000 miles, 2 points up to 2000 miles and 3 points over 2000 miles per band. Final placings are the average of each entrant's monthly returns.

This contest, introduced in May 1954, will be withdrawn in the New Year if further support is not forthcoming.

	REPORT <u>No</u>	SCORE TO <u>DATE</u>	THIS <u>MONTH.</u>	AVERAGE <u>TO DATE</u>
M. Dranesfield, G3JKO	5	573	194	153

THE C - Z CONTEST (for the Partridge Cup now held by Peter Huntsman) is for the highest annual (Jan to Dec) score of countries & zones heard on five bands with receivers of not more than 1½ watts total HT consumption. A county of zone may count only once in the total and not once per band. The runner-up receives one year's free sub to the Society (presented by Peter Huntsman).

	Mc/s:--	<u>3.5</u>	<u>7</u>	<u>14</u>	<u>21</u>	<u>28</u>	<u>TOTAL</u>	<u>ZONES</u>	<u>C plus Z</u>
Peter Huntsman		26	61	116	26	28	136	35	171
Keith Ranger		-	27	117	-	-	117	30	147
E.W.Gardiner		12	4	92	45	5	105	26	131
Norman Bason		21	30	89	-	-	98	33	131
Joe Stephenson		22	5	97	2	-	103	27	130
D.G.Gordon		16	7	83	27	6	88	27	115

There is no doubt that the C - Z Contest remains the most popular and the most regularly supported one that we have ever introduced. I believe that I have repeated this statement each year since we began the C - Z, and it becomes more evident each year. It is the only report in which we can guarantee to have a change each month -- this month, for instance, it is the only contest (apart from one entry in the Top Band Panel) for which any returns have come in at all. And just look at

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the battle it has produced this year! Peter seems once again to be in a comfortable position and Keith Ranger (who has sent the first entry we have ever had from overseas -- from El Firdan in Egypt) is in a none too secure second place. But who is going to be third with only one more report for this year?

THE TOP BAND PANEL is an annual contest (Jan to Dec) for the highest score of countries and counties heard on 160 metres with an Rx consuming not more than 1½ watts total HT.

	<u>COUNTRIES</u>	<u>COUNTIES</u>	<u>TOTAL</u>
Bob Iball - - - - -	18	78	96
Norman Bason - - - - -	10	53	63
Peter Huntsman - - - - -	10	46	56
D.G.Gordon - - - - -	6	45	51
E.W.Gardiner - - - - -	5	18	23

THE V H F RECEPTION CONTEST is an all time cumulative event for stations heard on 145 Mc/s only. Scoring is number of stns X miles. Total HT consumption of the Rx must not exceed 3 watts and stns must be counted only once in each month.

	<u>STNS HRD</u>	<u>MILES</u>	<u>POINTS</u>	<u>PREVIOUS</u>	<u>SCORE</u>
G.V.Haylock, G2DHV - - -	-	-	-	6327	6327
A.Stonestreet - - - - -	-	-	-	848	848
D.G.Gordon - - - - -	-	-	-	354	354
E. Banks, GC2CNC - - - -	-	-	-	234	234

..... 1955 AND ALL THAT .....

There will be no need to remind readers that we are on the threshold of a new year -- infact, by the time this much delayed issue does

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reach you, the New Year may well be in operation.

With your next letter to HQ we would like you to include any suggestions you may have for the better coverage and management of our Society and, particularly, for the improvement in any way of our mag.

As you all know it is rather a one-man show at this end and, in consequence, the atmosphere of the mag (and, for that matter, of the Society) may suffer from a one-sided outlook. I can only guess how the results of my efforts affect YOU when you tell me in your letters. Now MOST of the letters that have reached me during the year (they have totalled just over 1,250 this year) say that you like the mag and the Society is fine business and "carry on with the good work, OM". And of course I appreciate those comments tremendously -- they provide that most necessary encouragement which urges me on in an extremely heavy task -- but they do not provide any constructive criticism. Infact the other kind which say "you silly ass, you did make a hash of so-and-so! You should have done this-and-that," are really of more constructive value because they do at least tell me what NOT to do in certain cases.

Now each year I try to lay plans for the better running of things and for the expansion of our Society during the next twelve months, and it would be of tremendous help if I could have the views of ALL of you (who have to suffer the results of my endeavours) on just those points. WHAT DO YOU MOST LIKE -- WHAT DO YOU MOST WANT -- WHAT SHALL WE LEAVE OUT?

I know we have a Council to offer guidance on such matters, but, after all, YOU are the ultimate recipients of our decisions and therefore have most right to "call the tune".

I feel that we have, perhaps been trying to cover too much ground recently and that we should, in this coming year, concentrate more strongly in certain directions

Our STUDENT SCHEME should receive prime attention as it is an idea unique to this Society and is undoubtedly of inestimable benefit to newcomers to the hobby. WE WANT OFFERS FROM MORE OF OUR EXPERIENCED

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MEMBERS TO TAKE OVER TUTORSHIP FOR ONE NOVICE EACH. Please come forward with your offers by writing to the Student Scheme Manager: Geoff Baskerville, 65 Hazon Way, Epsom, Surrey (Epsom 4211).

The VHF GROUP must be encouraged in every way that is possible as there is no doubt that, in the realms of VH and UH frequencies lie the future of amateur radio.

The TRF GROUP should receive unstinted support as, among our SWL members, there is still probably a greater enthusiasm for the TRF than for any other type of Rx -- and of course it can be the most economical layout for a QRP job. WE HOPE, EARLY IN THE NEW YEAR, TO PUBLISH A FULL DESCRIPTION OF A REALLY MAGNIFICENT QRP TOP BAND TRF COMMUNICATIONS Rx.

PORTABLE working in all its spheres must be included in our prime aims -- all forms of portable gear are obviously functions of QRP. It is hoped that some form of liaison may be worked out by which we can cooperate with the RAEN in the construction and testing of gear suitable to their use and of interest to ourselves.

Finally TRANSISTORS, both for transmitting and for receiving, are so obviously of interest and tremendous importance to our Society that they should head our aims and activities throughout the coming year. WE HOPE, VERY SHORTLY, TO BE COMMENCING A SERIES OF ARTICLES IN "QRP" ON THE THEORY AND PRACTICE OF TRANSISTOR EQUIPMENT FROM THE PEN OF ONE OF THE LEADING EXPONENTS OF TTX WORK -- TONY COCKLE, G3IEE.

Those, we feel, should be our aims for 1955 -- to really get down to constructive and valuable work on those five sections of the hobby instead of to tinker about on the surface of a dozen different aspects which due to their very diversity can achieve little of importance.

One last word for 1954 -- You have put up a wonderful record for the supply of constructional articles in the five years of our "life". NOW WE WANT MORE STILL! If you have a receiver or a transmitter we want an article on it. If it is an fb piece of gear we want to give others a chance to share in it. If it is a wash out we still want to know all about it so that we can warn others to avoid the same pitfalls. That is the very least YOU can do towards making 1955 our record year, OM.