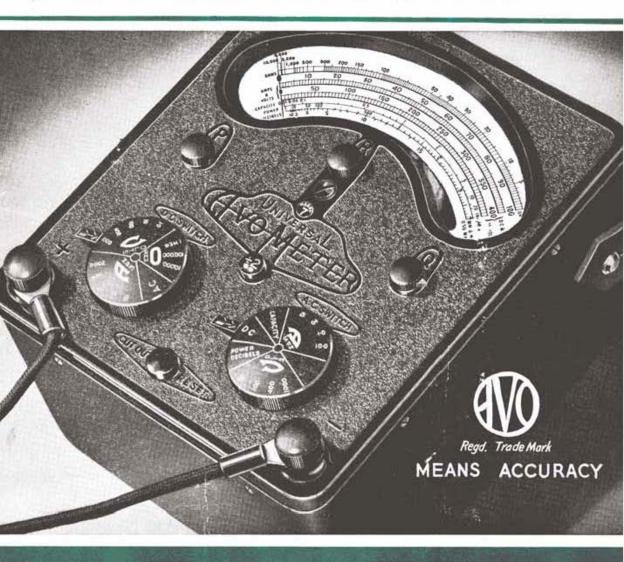
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BULLETIN

JOURNAL OF THE RADIO SOCIETY OF GREAT BRITAIN



- CONSTRUCTING A PRACTICAL MORSE RECORDER
- RECEIVER TROUBLE TRACING

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"THE DEVELOPMENT OF RADIO TECHNIQUE"

NE very significant fact emerged from the recent Cabinet reshuffle which we, as amateurs, should not lose sight of. This was the recognition by the Prime Minister of the part which radio must play before victory is secured. "It seems to me" said Mr. Churchill in his letter to Sir Stafford Cripps "that the production of aircraft and the development of radio technique lie at the very heart of our affairs."

This was probably the first occasion that the Prime Minister had referred publicly, and in precise terms, to radio development. That he did so at the present juncture is highly significant for it tends to show that

even greater things are expected.

The perfectly timed attack at El Alamein, the synchronised landings in North Africa, the advance into Tunis, these and many other phases of our recent offensive, have depended for their success upon radio and its many applications. How well it has stood up to the test only those in command can say, but it is quite certain that neither men nor material have been found wanting.

We should not forget too how broadcasting has been brought to bear. Working under tremendous difficulties British and American engineers succeeded in establishing communications with the outside world only a few hours after the fall of many key towns. The commentators with the advanced armies have also shown enterprise, ingenuity, and not a little courage.

By and large, it is safe to say that never before have radio men been called upon to undertake such tremendous tasks.

Radio Location, still wrapt in mystery—and rightly so—enabled us to win the Battle of Britain. Later developments are helping us and the other United Nations to win the Battle of the Atlantic.

The development of radio technique—a phrase often used in this Journal during the past few years, and now recognised as a Number I Win-the-War Jobhas for long been in the hands of eminent scientists who have had the services of many pre-war amateurs as their assistants. How successful they have been few people know, but when the war is over many surprises will doubtless be in store for those who have been compelled to stand aside and watch.

The pioneers of the Amateur Radio movement may justifiably take some credit for the progress which has been made, for if they had not persisted in their efforts to probe the "mysteries of the short waves," it is doubtful whether the present stage of development would have been reached.

The announcement, published in this issue, that Mr. S. G. Abbott (G3JU) has been appointed manager of the newly-formed V.H.F. and Aerial Propagation Group of the Society's Experimental Section is warmly welcomed. The inauguration of this important group provides additional proof that members are giving serious thought to problems which will demand the closest attention in the days to come. By joining this Group and the V.H.F. Equipment Group, members will acquire that specialised knowledge which will enable them to tackle with determination the task of developing V.H.F. technique along amateur lines. We hope that the coming year will see many of the new theories put to practical test through the medium of our amateur stations.

" One Man's Meat"

On another page will be found a letter from a member who asks whether advanced mathematics are essential to the understanding of theoretical contributions. Undoubtedly the answer is "yes" if a proper appreciation is to be obtained of the theories expounded. On the other hand we recognise that many members are not mathematically minded, although such members have frequently made valuable contributions to this Journal.

(Continued on page 89).

CONSTRUCTING A PRACTICAL MORSE RECORDER

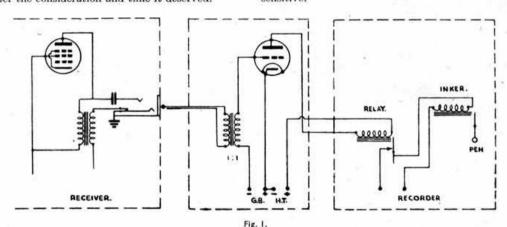
By R. B. Tunney* G8DD.

N looking over the somewhat depleted condition of the shack after the authorities had taken their pick during the grand round-up of September, 1939, the writer decided that something would have to be done to restore the ham atmosphere by constructing one or two pieces of gear to fill the ugly gaps left by the absent transmitter. Accordingly, attention was turned to the receiving side of the station and later towards the idea of recording morse signals directly from the receiver on to tape. This had been attempted some years earlier, but due to the somewhat haphazard manner in which it was tackled the results, while encouraging, were not too satisfactory. It was therefore decided to give the matter the consideration and time it deserved.

considered satisfactory and that the worst difficulty was overcome.

The next question was the relay. One or two ex-G.P.O. telephone type relays were available for test, one of these, with a 2,000 ohms coil, was selected and found to close firmly at 2.5 mA. This particular relay is known as P.O. 3,000 type, the armature being carried on a knife edge and while being fairly sensitive, is simple in construction and will follow the signal at quite reasonable speeds.

These relays are obtainable in different resistances from several BULLETIN advertisers for a few shillings each. The 2,000 ohms type is quite satisfactory as the higher resistance types do not appear to be any more specified.



Circuit of amplifier showing method of connecting output of receiver to the Recorder.

Principles of Operation

In attempting to record morse transmissions on the type of recorder about to be described, it is essential that they shall be free from interference, otherwise the unwanted signals will operate the recorder in the same manner as the desired signals, with the result that the recorded tape will be mostly unintelligible.

Any communications type superheterodyne receiver should be suitable as will probably any good straight receiver provided an extra stage of L.F. amplification is added, although this arrangement has not been used as the receiver available is a *Hallicrafter* "Sky Champion." No circuit or structural alterations are necessary.

The main problem which confronted the writer was the means of obtaining a D.C. impulse of sufficient intensity to operate a comparatively insensitive relay of a type which could be obtained for a few shillings. It was first intended to use an instrument-type metal rectifier for this purpose, but as the cost was found to be higher than was intended to be spent on the entire recorder, the writer made another search in the junk box and found that sufficient equipment had been left to build a single valve triode L.F. amplifier. This was constructed to the circuit of Fig. 1. A milliammeter was connected in place of the relay, sufficient negative bias being applied to prevent current flowing in the anode circuit until the signal was applied to the grid, when 5 mA was caused to flow in the anode for the duration of the impulse. This was

Constructional Details

Having satisfactorily disposed of the electrical side of the question, the results seemed to justify a little time being spent in making a sound job of the mechanical details. As a fairly strong spring-type gramophone motor was available to pull the tape, it was decided to resist the temptation to raid the radiogram for the electric motor.

Reference to Fig. 2 will probably give the reader a better idea of the arrangement of the recorder than a

page of description.

Precise dimensions of the arrangement will not be given as the average constructor will press into service any suitable type of motor that happens to be on hand and will make alterations in construction to suit his individual ideas and circumstances. However, for those who wish to follow the construction of the original model faithfully, sufficient information as to arrangement may be gained from Fig. 2, while full details of the essential component parts are set out in Fig. 3. No difficulty should be experienced in getting satisfactory results from the completed instrument without the aid of more elaborate tools than a small bench vice, hand wheel-brace, a small selection of files, B.A. taps and numbered drills.

Details

Item 1.—Two pieces of 16 in. sheet brass 81 in. square are required and the centres for the five holes marked off as shown. The two pieces are laid together and a hole drilled through the centre marking

^{* 37} Meadow Road, Beeston, Notts.

with a No. 10 drill, a $\frac{3}{16}$ in. bolt is then passed through the two pieces as a temporary clamp to hold them firmly, while the four radial holes are drilled with a No. 32 drill. The $\frac{3}{16}$ in, bolt in the centre should now be replaced by two bolts in the radial holes which will hold the pieces together while the marking-out and cutting is completed. After cleaning up the edges with a file, the bolts may be removed, resulting in two identical pieces. In one piece, the four radial holes should be opened out with a No. 27 drill to provide clearance for 4 B.A. bolts, while the four holes in the other piece should be tapped for 4 B.A. bolts which are screwed tightly up to the heads.

Four pieces of $\frac{1}{4}$ in. bushing $\frac{7}{16}$ in. long are tapped 4 B.A. and screwed up to the plate as shown (these bushes may often be found in the form of spacing pieces in old variable condensers).

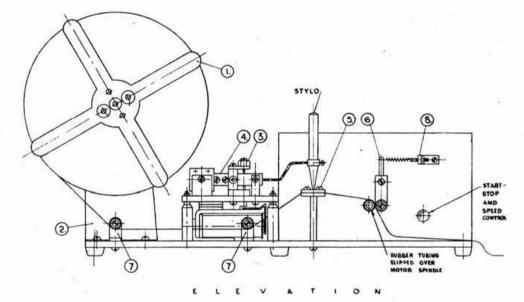
The tape reel can now be assembled, the two opposite radial screws to be filed off to form locating

dowels, while the remaining screws are provided with nuts to hold the assembly together.

Item 2.-See Fig. 3.

Item 3.—Two pieces of $\frac{3}{6}$ in. dia. round brass rod $\frac{3}{4}$ in. long are required, drilled No. 32 drill and tapped 4 B.A. (unless a lathe is available, the constructor is advised to have these pieces made—one dozen cost the writer 2s.).

Two pieces of brass, one $\frac{1}{8}$ in. thick, the other $\frac{1}{4}$ in. thick are clamped together and marked off as shown. Two clearance holes, No. 27 drill, are made for the 4 B.A. screws, while a No. 37 drill is passed through the centre for the 0 B.A. screw and carried into the $\frac{1}{4}$ in. plate to the extent of providing a bearing as shown. The hole in the $\frac{1}{8}$ in. plate is opened out with a No. 10 drill and tapped 0 B.A. A length of 0 B.A. screw should be cut off, countersunk, and provided with a lock nut to complete the bearing in the top



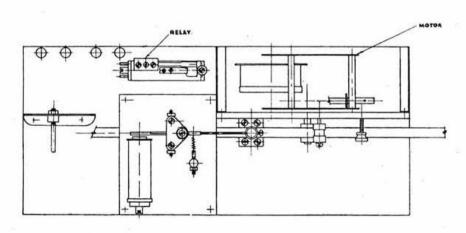
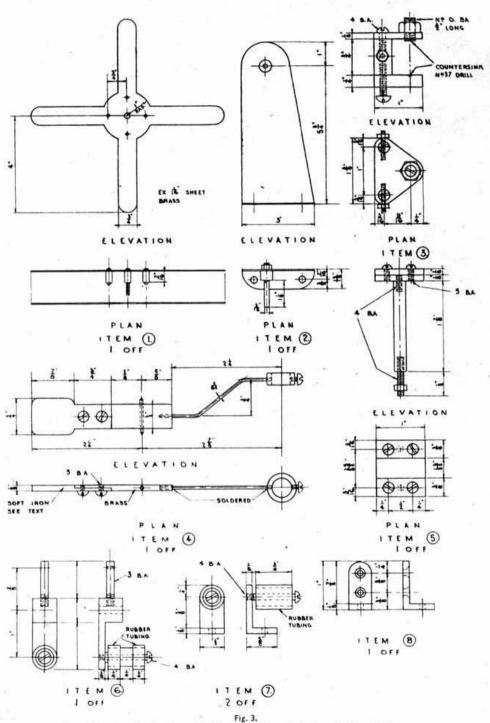


Fig. 2.

plate. Two 4 B.A. adjustable stop screws in the $\frac{3}{8}$ in. dia. rod, as shown, complete item 3.

Item 4.—A piece of $\frac{1}{2}$ in. $\times \frac{1}{8}$ in flat brass should be marked off as shown, particular care being taken with the centre for the spindle. This hole (a No. 46 drill) should be made first, because it can easily get out of

truth. Much time and trouble will be saved if this is completed satisfactorily before proceeding to fit the soft iron armature piece. The latter was obtained from an old car cut-out, in order to ensure that the right material was used. It must not become magnetised.



Illustrates the details used in the construction of the Recorder described.

The stylo pen holder is a collar obtained from an extension spindle and after a little easing with emery cloth makes a very satisfactory holder.

Item 5.—See Fig. 3.

Item 6.—The roller is made from a piece of 1 in. dia, rod drilled in the same manner as for item 3. A piece of 1 in. dia rubber tube, as used for chemical purposes, will be found to fit tightly over the roller without any tendency to come off. When in place the centre section of the rubber covering must be cut away to ensure that the centre section of the tape passing over the roller while the ink is still wet, does not smudge.

Item 7.—See Fig. 3.

Item 8.—The electro-magnet is the core and coil obtained from a spare relay. The magnet may be home constructed but it is usually a tedious job to wind a coil of sufficiently high resistance to be economical in current consumption.

The pen is a cheap type of "Stylo" with the centre spring removed to ensure free flow of ink

without blotting.

Having completed the individual parts the constructor may assemble them in the manner shown in Fig. 2, and connect to receiver and associated equipment as Fig. 1. Adjust the bias to prevent current flowing in the anode of the triode until the signal is applied, when no difficulty should be experienced in getting the relay and inker to follow the signal satisfactorily, providing it is of sufficient intensity and free from interference.

QRM AND ALL THAT

By "SARAH ANN"

T would not have happened if I had not gone to a "Mast-raising Party" at Bill's place. Bill lived near me in South London in those days, and was one of the gang, and we used to go about together quite a lot. He was always on the air, and managed to work DX when others couldn't even hear it. His station was no show place, no rack and panel TX, or super-spitfire graced his shack; just a simple Goyder Lock job; and how his ears must have burned on Sunday mornings when he used to check over the rig with the aid of an ancient milliameter in a goldlacquered brass case. That old TX could certainly hand out the "fruit."

Well, that winter things seemed to improve and there was less evidence of Bill at the week-ends. I thought that he might be doing a spot of re-building and that the "old faithful" had been scrapped. At the next local meeting I tackled him about it and was told that he had been too busy of late to get on the

air, let alone do any re-building.

Summer followed with some of the gang active on 56 Me/s. Bill had never been interested in "56". said it was all right for those chaps who wanted to

talk to their pals a few doors away.

Now the big surprise came when a few of us were out on a 56 Mc/s. field-day. We were just getting on "sked" with another station about 50 miles away (and that was some DX for 56 in those days), when deafening QRM poured out of the 'phones. cause of it was soon evident, for coming across the field towards us was a 1925 vintage 7 h.p. Puddle-Jumper. To everybody's surprise Bill disentangled himself from the "innards," and was soon followed by a YL. He blushingly introduced us to Fannythat was the YL's name—and in the excitement we forgot all about the sked until it was too late.

To cut a long story short, Bill and Fanny got married and went to live up North London way

It was a month or two before I heard from them; he hadn't got on the air yet, been too busy laying

down lino, etc. and getting things ship-shape, but he had "hay-wired" up his receiver and didn't think much of his new QTH as there seemed to be a lot of QRM about.

The next letter I received was an invitation to go up to his place one Sunday and to bring along a few of the gang to give him a hand to erect a mast he had built. He mentioned that he would get in some beer for the occasion, so I thought I would make it a date. because the promise of free beer would get me half across England. Four of us went along in my old bus, and after sampling the brew, we soon had that mast pointing towards heaven.

Bill had been doing a bit of swotting-up on acrials, and John Kraus had got under his skin. He was no longer going to be satisfied with his old 132 ft. " act of God"; no Sir! This new mast was to carry a three element "signal squirter," and the erection of the mast was just the preliminary bout, as it were.

Getting down to the business of putting up the squirter, I volunteered to climb up the mast-I think Bill's beer was stronger than it tasted. Then followed a period of "pole-squatting" while the elements were tied on a rope for me to haul up. Looking around the landscape to see how it lay for broadcast aerials, I happened to turn my gaze to the house adjoining Bill's, and it was then I saw her. There she was, sitting in her bedroom, massaging herself with one of those high-frequency gadgets. I was down that mast in two shakes and across the garden into Bill's house. Switching on his receiver, I was greeted with the most awful racket you have ever heard. I called Bill in and explained what I had seen.

Well, we talked things over a mug of beer, and as Bill was a bit shy and wanted to keep in his neighbour's good books, we decided that I should interview the fair damsel about the "QRM machine." So I popped around to see her, after putting a couple of microfarads in my pocket in case I should need

It was a couple of hours later that I returned to Bill's place with the job all fixed up. In the meantime the "signal squirter" had been put up and was all ready to receive the "juice."

This all happened some time ago, and I have seen quite a lot of Bill since then, for we are neighbours again. You see I married the owner of the "QRM machine," and I'm on the air again working all the DX that's going.

Don't Bill and I QRM one another, you may ask? Well, no. You see Bill got bitten with the gardening bug-started through listening in to those Sunday gardening broadcasts-and now he's busy building a

The "signal squirter" isn't idle though, because I've got it hooked up to my old TX.

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The Model 7 Universal AvoMeter is a 46-range B.S. Instagrade combination measuring instrument giving direct readings of A.C. and D.C. voltage, A.C. and D.C. current, Resistance and Capacity. Audio-frequency power output and Power Level readings also provided for. It is but one of the comprehensive range of "AVO" high-grade electrical measuring instruments—a range which includes something to meet the needs of every amateur, service engineer and serious experimenter. Somedelay is inevitable in delivery of trade orders, but the

manufacturers are exerting every effort to furnish supplies with as little delay as possible. Fuller particulars obtainable from The Automatic Coil Winder & Electrical Equipment Co., Ltd., Winder House, Douglas Street, S.W.I.

TROUBLE TRACING

By A. H. MASON (GM6MS)*

PART II—THE UNIVERSAL RECEIVER

WITHIN recent years the universal receiver has achieved a good measure of popularity chiefly because it operates equally well on A.C. or D.C. mains and can be made in a light and portable form. The latter fact is very much appreciated by members of H.M. Forces who are travelling about the country. In view of the widespread use of this type of instrument and the great difficulty in obtaining the services of a competent engineer, the writer is devoting this article solely to the various forms of universal sets, and faults likely to be encountered.

Precautions

Before tackling a set of this type a word of warning. As the chassis is live it is necessary to carry out tests well clear of "earths," which include stone floors and damp situations generally. In fact, if one is examining a number of universal instruments, it is advisable to make use of a 1/1 isolating supply transformer (i.e., if A.C. mains are available), with tapping to give 110 volts (Fig. 2). The 110 volt connection will be found useful for supplying American midget sets designed for the usual U.S.A. supply mains of 110-120 volts. Even where a standard model has been modified for the British market, to suit higher voltages, it is necessary to proceed cautiously, especially if there is any doubt about the line resistance cord being of the correct length. Cases have been known of tidy people shortening the "flex" with consequent damage to the valves !

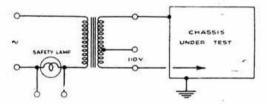


Fig. 2.

When examining universal receivers it is advisable to use a 1 to 1 isolating supply transformer tapped at 110 volts and a safety device in the mains supply.

Some midget receivers have, instead of a resistance line cord, a fixed wire-wound resistor or ballast, often erroneously called a "Barretter," which looks and plugs-in like a valve and has a type number indicating, by reference to an appropriate list, the voltage drop, current rating and tap for pilot lamp. Generally, the plug-in resistor permits the receiver to operate on 110 volts only, and an extra dropping resistance would be required for a higher voltage supply, as illustrated in Fig. 3.

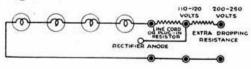


Fig. 3.

Usually the plug-in resistor permits a Universal receiver to operate on 110 volts only. For a higher voltage supply an extra dropping resistance should be brought into circuit.

When testing any universal or, for that matter, any A.C. receiver, a safety device, also shown in Fig. 2. consisting of two or more parallelled lampholders in series with the supply will be found most useful. Where, for instance, a flash-over occurs at the rectifying valve, or a short circuit occurs accidentally when testing, direct connections to the mains would mean, at least, a blown fuse whilst there is the possibility of serious damage to the set itself. With a suitable lamp, or lamps, in circuit the current can be limited to a safe value. The voltage of the lamps used should be that of the supply; ordinary gas-filled types with a rising temperature-resistance characteristic are satisfactory. The wattage will vary according to the consumption of the receiver on test. instance, a 250 volt 100 watt lamp, normally taking .4 amp. will just glow when in series with a set passing .2 amp. and, in the event of a short-circuit taking place, the lamp will indicate this fact by assuming full brilliancy. Where, however, the receiver is fitted with a fixed wire-wound resistor (plug-in, line cord, etc.) it may be necessary to use a lamp of higher wattage in order that the set will function reasonably well, especially in the case of a superhet. On the other hand, a receiver fitted with a Barretter, which has a self-regulating action, is not so critical.

Description of the Circuit

The circuit arrangement is similar to that of an ordinary A.C. receiver, but the power-supply system differs. Fig. 4 shows the customary form of the H.T. and heater supply circuits, and also shows the types of valves normally employed. Note that, although the half-wave rectifying valve V4 acts as a simple series resistance on direct current, it must not be shorted-out. The smoothing condensers C1 and C2 are invariably of the polarised electrolytic type and a mains voltage applied to them in the wrong direction would be disastrous!

Slight variations in the voltage-dropping resistance arrangements will be found in different makes and types of receivers. As already mentioned, the plug-in resistor, line resistance cord and Barretter are used and, among British makes of sets, the large vitreous-enamelled type of resistor, mounted on the chassis, is popular.

Quite often, mains filter coils are fitted at points X and X1 (Fig. 4) in addition to the condenser C4 which, generally, has a capacity of about ·1µF.

It should be borne in mind that, where a metal rectifier is used, rectified H.T. will appear immediately the receiver is switched on.

In order to avoid the possibility of shock, some manufacturers include a resistance of about .1 megohm (R4) between the aerial socket and chassis. Thus, on alternating current, the voltage is divided between C5 and C6 so that the voltage on the aerial and earth terminals is negligible.

As regards current consumption, makers in this country generally use valves taking .2 amp. or .3 amp. Standard-sized American sets usually employ .3 amp. valves whilst U.S.A. midgets have .15 amp. heaters. There is, however, no hard and fast rule and, occasionally, a small receiver will be found to have .3 amp. valves. In fact, when dealing with American midget sets it is worth-while obtaining a data chart of the valves used. For example, in the .15 amp. series, it should be noted that a pilot lamp

^{* 390} Kings Park Avenue, Rutherglen, Lanarkshire.

can be fed from a tap on the rectifier heater. It is also worth noting that, in the British make of midget set, the full mains voltage is applied direct to the rectifier anode.

Faults

In the receiver circuit it can be stated that the faults are similar to those found in any other type of set. In nine cases out of ten the break-down will be in the supply to the instrument. For instance, on test a receiver is found to light-up but there is no radio reception, also there is no H.T. voltage across the first smoothing condenser. Look for signs of burning or over-heating at R1 (Fig. 4), and if this has taken place test for a short on the H.T. line. Assuming that a punctured smoothing condenser has been

been cut at any time. Midget sets, using .15 amp. valves have high values of line cord resistance and the length may amount to as much as 15 ft. in some cases.

Valve Substitutes and Equivalents

Before leaving the subject of the D.C./A.C. receiver it is of interest to note that certain types of universal valves are extremely difficult to obtain. In a number of cases it is necessary to change the valve holder to suit another type of valve, whilst, quite often, the holder is suitable but the base connections have to be altered. A few outstanding examples may prove useful. Suppose a 12SK7 (H.F. pentode) valve is required—and nothing near the original characteristics can be found, fit a 12SA7 (Heptode) and re-wire the holder to suit, strapping G2 and G3 to act as

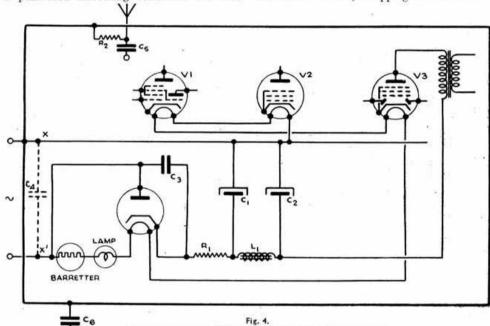


Fig. 4.

Shows the customary form of the H.T. and heater supply circuits and the types of valves normally employed in a Universal receiver

replaced and the receiver is still dead, check whether the rectifying valve is faulty—some of the .2 amp. types have an internally fitted fuse which, unfortunately, cannot be replaced!

Should one be asked to examine an old receiver which, mysteriously, blows house fuses on A.C. mains, although it had previously given no trouble on a D.C. supply, suspect a condenser connected across the input to the set—the higher peak voltage of the alternating current is sufficient to puncture the poor insulation of a not-so-new condenser.

The writer has noticed that, occasionally, a fixed resistor has been fitted in place of a Barretter. This practice is dangerous unless the resistance value has been calculated accurately for the particular receiver. Most Barretters are designed to control from three to six valves, as regards heater current, without further alteration.

Although the universal receiver may operate perfectly on D.C. mains it is advisable to test it finally on an A.C. supply. In the event of a smoothing condenser being of low capacity there may be no noticeable effect on "quiet" D.C. mains, but a loud hum will become apparent when A.C. is used.

As pointed out earlier in this article, where a line cord is fitted, it should be ascertained that it has not

auxiliary screen grid. It is difficult to find a substitute for the well-known but elusive 50L6 output pentode but, if space permits, a Mullard CL33 can be tried. Reproduction will not be of the best, but at least, the receiver will "give the news". Another output pentode, the Pen26 (side contact) can be replaced by the Pen36C (7-pin) or CL33 (octal base). If these two last-named valves are unobtainable, the types CL4, CL6 or CBL1 can be used. The CBL1 valve is a double diode pentode, but it is found in practice that the diodes can be left free without any adverse effect, i.e. the valve can be fitted in place of the Pen26 without alteration. As a last resource, the EL2 with 6 volt ·2 amp. heater has been found suitable—it will, however, be necessary to increase the value of the mains resistance in order to drop another 20 volts, unless the set uses a Barretter.

In regard to the universal rectifying valve, it is possible, in many instances, to utilise a full-wave in place of the half-wave type, providing the anodes and cathodes are strapped.

In the next, and concluding, article of this series the battery receiver, and the faults it is heir to, will be discussed. In addition there are a few points peculiar to communications receivers which the author will put forward.

(To be concluded.)

• Martin Bourke, 2AOU, late of Jersey and now in Moscow, will be pleased to receive letters from his friends, who should write via H.Q. He is in good health and appears to be enjoying life in the U.S.S.R. Some specific calls were included in his letter but

be pleased to receive letters from his friends, who should write via H.Q. He is in good health and appears to be enjoying life in the U.S.S.R. Some specific calls were included in his letter but they were deleted.

▶ F./Sgt. Lewis, 4434, has started a radio club at No. 20 O.T.U. and meetings are held in the Signals Training Lecture room on Tuesday evenings from 7 p.m. onwards. The present membership exceeds 20. 4434 sends his greetings to old friends in District 13.

▶ Sgt. Alex Herring, GM3PB, who is an instructor in the R.A.F. would like to hear from old friends. Letters should be addressed c/o 37 Lakeside Avenue, Bolton.

▶ S. Howell, G5FN, went aboard a ship which had recently arrived in a South Wales port to begin work on a job. Upon reporting to the C.O.'s cabin he discovered a QSL card bearing the call G5VS prominently displayed. On making enquiries he learned that the owner of the card, Vie Sims, was the Ldg. Telegraphist and that the C.O. was himself a B.R.S. member.

▶ That the ham fraternity has been well represented in the North African campaign seems certain. Writing aboard ship. Capt. John Swinnerton, G2YS (1st Army Signals), reports having met F./Lt. Jack Pyke, G6PK Capt. Larry Richards, G3YM and Capt. Tom Cadell, ex-VU22B. all of whom were bound for an "unknown destination." VU2EB recounted an amusing story. While returning from London a few weeks ago he discovered that his opposite number in the compartment—who had remained silent—"shook" them both when he said, "Well, I hope there's not so much QRM on 40 metres after the war." By the time they had recovered he was gone.

▶ The many friends of pre-war Q8L Manager, Douglas Chisholm. G2CX, will be glad to hear that he has been granted a commission, with the rank of 2/Lt. in the R. Signals. During his travels he has met G4BA, 5CU, 8NV, and Major Dodds, ex-VU2CN. Ernie Dedman, Dave Price-Jones, and other apiarists will be sorry to learn that "Chis" has been compelled to sell his bees!

▶ Cpl. Bill Bartholomew, G8CK and Cpl. Lee Parnell, G8PP, send

mas changed its name to the South Bedfordshire Amateur Radio Club. The second meeting held on November 16 was fairly well attended but it is hoped that all members serving or resident in the area will support future gatherings. Enquiries should be addressed to Cpl. Heybyrne, c/o The White Hart, Campton.

Sgmn. G. Openshaw, 2BTO, would be glad to hear from non-service members resident in the Wolverton, Stony Stratford and Newport Pagnell areas. Letters should be addressed to him c/o 287 Wigan Road, Deane, Bolton.

Mrs. M. Simmons, wife of F./Lt. Noel Simmons, G3AD, informs us that her husband is now located at "Anand Parbatt," Robtak Road, Delhi, India, at which address he will be pleased to receive letters from old friends.

Congrats to Wing-Commander A. F. Johnson, SUIAF (ex G3JN), on being awarded the D.F.C. Unfortunately no details are available. Gerald Kenyon, G3YK, who sends this information also mentions that "Johnny" is the proud father of a Junior Op. born about a year ago, Letters can be addressed to him 6/o Mr. Archer, Despatch Office, H.Q., R.A.F., M.E.

Lig. Radio Mech. W. H. Hodgson, G3BW, who has left England for duty at a naval shore station in Kenya, wishes to be remembered to all old friends.

remembered to all old friends.

remembered to all old friends.

• In answer to the query raised by 4695 in our last issue, Sgmn. R. W. Lay, 4268, states that under good conditions, ranges far in excess of 70 miles have been achieved with an Army Type 11 Set. He would like to hear from any member who has had experience with controlled carrier modulation. Letters should be sent via 111 Chadacre Road, Ewell, Surrey.

• Cpl. R. B. Hooper, 4738, whose home is In Mitcham sends 73 by airgraph to his friends in District 13. There are no amateurs on his station in India, but he is making up for that by "playing around" with gear that would make the average ham green with envy!

with envy !

forthcoming.

E. H. Trowell, 2HKU, advises that Sig. G. V. Haylock 2DHV, is at Doolali, India, where he appears to be living on

such rare fruits as bananas and oranges! Our same correspondent reports that F. H. Lane, G3GW, now a Corporal, recently spent 14 days leave in the backwoods of Canada among "mighty trees, squaws and paposes." P. Greenwood, 2BAP, also a Corporal, spent a few days at the Gibraltar Rest Camp which he enjoyed very much.

Very much.
From the Residency, Gangtok, Sikkim, comes news of Wireless Officer H. G. Baker, who reports having daily skeds with Reg Fox, AC4YN, of Linsa. The latter is fit and well and is devoting his attention to gardening. Mr. Baker recently had a surprise when T. J. Brown, VU7BR, of Bahrein, suddenly presented himself at Sikkim. It appears that T. J. B. had been doing a bit of mountaineering, and spotted Baker's aerial system.

Friends of Howard Brabrook, G5ZD, may like to note that he has recently gone abrond. Mail should be addressed as follows: F./Lt. H. Brabrook (81756), A.9135, R.A.F., c/o A.P.O. 4330. Although no hams were in his party when he left he promises to undertake a recruiting drive on arrival at his destination. He sends seasonal greetings to all old friends.

American Overseas Amateur Radio Group, and Belfast Y.M.C.A. Radio Club meet.

A joint meeting between the newly formed American Overseas Amateur Radio Group and the Belfast Y.M.C.A. Radio Club took place in the Y.M.C.A. radio club room on November 4. The purpose of the former organisation (which comprises American technicians now serving in N. Ireland), is to maintain the interest of its members in matters appertaining to amateur radio. John Grutzuis, W6FZ, of North Hellywood is Chairman and Secretary.

Secretary.

The available accommodation was strained to the limit to hear W6FZ, W6LD, W6NEW and W5HKH give an account of amateur activities in the States. W6FH described American licensing conditions and mentioned that he used an input of 990 watts. G15SJ said he used the other 10 watts! During a discussion on amateur equipment opened by W6LD, Mr. T. P. Allen, G16YW expressed the opinior that the average British amateur, who had to build his own station, obtained greater satisfaction than the average American amateur who could buy a complete station at almost any radio store in the U.S. He was satisfaction than the average American amateur who could only a complete station at almost any radio store in the U.S. He was supported in this view by the "home side."

It was decided to hold further combined meetings as long as our American friends remain in Northern Ireland. G15HU. [Further details of this historical meeting appear under "Northern Ireland" notes.—ED.]

News from No. I S.S.

An attendance of 60 was recorded at the meeting held on An attendance of 60 was recorded at the meeting held on November 2, and while this was below average, it is appreciated that many were absent because of Service reasons. Wing-Cmdr. Kirk, S./Ldr Hibbins and S./Ldr. Moore were present, and the attendance register included LA2UA, SP3DF, VE5QA, G2OA, 4GD, 4HY, 4OZ, SON, 2AZI, 2BLA, 2BOF, 2FCV, 2FFV, 2HJN, 4056, 4115, 4169, 4234, 4576, 4691, 4872, 5120, 5243, 5330, 5428, 5571, 5572, 5577. We were very sorry to lose our American friends. We thank them for the support they gave us while they were here, and wish them all the best in their new abordes. abodes

A talk on Cathode Ray oscilloscopes was given by Cpl. Cole, 2HJN, who was highly commended on a very good show, by the meeting in general, and by Wing-Cmdr. Kirk in particular. A vote of thanks proposed by Cpl. Clifton (5243) was passed with

Some very interesting demonstrations were given by 2HJN some very interesting demonstrations were given by 2HJX using his own home-made oscilloscope, an instrument of excellent design and workmanship. After the meeting, he demonstrated some weird and wonderful "serpents."

As it has been decided to hold future meetings at 8 p.m. instead of 7.30 p.m., it is hoped that a greatly increased attendance will result. A Collection Box for the P.O.W. fund realised 12s. 6d.

ARE YOU AT

No. I S.S. OR No. I R.S.



Further News from Australia

According to the Australian Press, the Dept. of the Navy and P.M.G. have invited ex-amateurs in Australia to provide equipment and personnel for an emergency radio network for A.R.P. and other nurrous

News comes of the engagement of Madeline MacKenzie, known to hundreds of amateurs the world over as VK4YL.

One of the instructors at an air school in the U.S.A., is the well-known former K.N.I.L.M. pilot, Commodore Van Messel (PK1VX), who was the first pilot to fly the bi-weekly service between PK and VK.

Far Fast News

We learn from Mr. P. J. O'Brien (ex-VS6AE, ex-XU1B) that John Alvarez, VS6AG, was with the Royal Navy in Malaya during the latter part of 1941, and that John Collin, VS6AF, was working with George Merriman, VS6AH, in Hong Kong at the outset of the war with Japan. When in Shanghai on his way to the U.K. Mr. O'Brien met Norman Woods, XU6MJ who had been stationed in Swatow, China. He formerly served on the U.S. Minadando. He has since returned to the U.S. XUSZA, XUSLD and XUSLA were also contacted in Shanghai, XU1A was still in Canton when XU1B left China. XU1B left China.

Congrats

 To Lt. and Mrs. Arthur Gee, G2UK, of Boston, on the safe arrival of their second junior op—Marion Frances, on November 4, 1942.

A LECTURE

entitled

"FREQUENCY MODULATION"

will be delivered by Mr. A. J. BAYLISS, B.Sc. (G8PD).

The Institution of Electrical Engineers SAVOY PLACE, VICTORIA EMBANKMENT LONDON

On SATURDAY, DECEMBER 19th, 1942

following the Annual General Meeting convened for 2 p.m.

New Books Received

AIRCRAFT RADIO. By D. Hay Sturgeoner, A.F.R.Ae.S. Published by Pitman; 15s.

by Pitman; 15s.

A complete revision of the first edition. Includes descriptions of latest types of D.F. communications and beam approach equipment. Aircraft equipment section has been rewritten to include typical circuits and their operation. The sections dealing with B.A. systems have been expanded to give more detailed information on this important application of radio to aircraft. Particular reference to the use of radio in war has been avoided. Well illustrated with half tones and diagrams. Written in a tonical-technical style.

in a topical-technical style.

ELEMENTARY MATHEMATICS FOR WIRELESS OPERATORS. W. E. Crook. Published by Sir Isaac Pitman & Sons, Ltd.; 3s. 6d.

3s. 6d.

The second edition of this popular text-book has been amplified by a section on Elementary Arithmetic and by the inclusion of a number of practical radio examples with answers. The sections dealing with Graphs and Mechanics are particularly useful as they provide the student with a sound basis of the mathemaical theory necessary for a full appreciation of radio problems

By Arthur Gee. Published HOW TO LEARN THE MORSE CODE.

by Percival Marshall & Co., Ltd.; 6d.

In this little booklet Arthur Gee, known to many members as G2UK, outlines a rapid method of learning the code, offers useful suggestions for practice and describes a simple circuit for a practical oscillator.

Learning the Radio Telegraphic Code. By John Huntoon. Published by the A.R.R.L., 34 pages QST, format. (Copies can be obtained via R.S.G.B.; 1s. 6d. each, 3 months delivery).

The text presents a unique method of learning, based on the aural system of approach. Much information is given on learning to send well, high-speed operation, copying on to the typewriter, code practising equipment.

One of the best books of its type ever produced.

73 for Christmas and the new Dear

G2DP (Thornton Heath), to G2BB, RD, 4MY, 8TN, 2FQQ, 4150 and all old friends.

(Stockton-on-Tees), to G3IV, 5IR, 5QY, 5WR, 6ZT, G2FO

8HQ and all friends now absent from District 19.

G2UX (R. Sigs.), to G3DF, 3C1, 3ZF, 5WG, 5LW, 6HM, 8AX, 8GP, 2AMW and 2BFL.

G2YS (R. Signals), to G3OJ, 5LK, 8IS and all members of the Coventry and Ipswich groups.

G3FT (R.N.), to G3IU, LT, 4BT, 8TV, 2ATB, CWL and all old

G3PM (Ashton-under-Lyne), to G2BK, 3BN, BY, DL, NX, OC,

G3PM (Ashton-under-Lyne), to G2BK, 3BN, BY, DL, NX, OC, 6QA and all serving members of the Ashton Radio Society.
G3TA (R.A.F.), to G2DL, 3HG, 5KW, 6LR, SQV, 2FFM, 2FRM, ZD4AB.
G3YK (Middlesbrough), to G3KB, ZI, Q8, 4BO, DD, 5CP.
G4AB (Oxford), to G4AJ, 4DI, 5AS, 8SF, 2BCQ and 2FDY.
G4NU (R.E.M.E.), to G3PT, 4BM, 4QC, G16TK, G8PW and

G4NU (R.E.M.E.), to G511, 4584, 3CK, 8OC and 2CIR. G4PC (R.A.F., M.E.F.), to G2OA, 3CK, 8OC and 2CIR. G5ND (R.A.F.), to G2OI., 6CJ, Fl. KM, OQ and WN. G8CK (R. Sigs.), to G2AW, 3OJ, 5UA, 6GR, 8QR, 8TL. G8PP (R. Signals), to G3GM, 8LX, MB, GM3LG, all ex-Bachelors and R.A.T.S. G8RF (R. Sigs.), to GW2GV, G3KB, 8UO, 2AMY and old friends in Wolverhampton. GM2NQ (R. Sigs.), to GM68R, 6UU, G5MM, 6FS, 2DVV and GAVN.

2AVN. GM3PB (R.A.F.), to GM3NK, 4HB, HX, MM, G4IB, 8BW, GM8MQ (R. Sigs.), to all old friends in "H" and "D" Districts

2CNC (Hatfield, late Jersey), to G2CY, 3GS, 4GT, 2AOU,

and all Jerseyites.

2DKX (R.A.F., M.E.F.) to G2ND, UX, 3LY, OV, ZF, 4DC, 5WG, 8GP and all D.M.I. friends.

2HCZ (5 Station Road, Bethesda), to all old friends in District 11 and Scottish E.

BR\$1060 (R.A.F.), to all friends old and new. A happy Xmas and a bright New Year.

3585 (R. Sigs.), to G4OC, 5BQ, 5FO, 5ZB, 8KP, 2CFV, 2CRD

and 2FFG.

Missing

Sub.-Lt. W. W. Taber, G3GU, R.N.V.R. (F.A.A.) has been reported missing after an operational flight over the Western Desert. Wesley Taber hails from South London, where he is well known to many members.

Silent Keps

Captain Gorry Wilson, VSIAN G4FG.

We record with deep regret the death of Capt. V. Gorry Wilson, known to many members as VSIAN, of Singapore and later as G4FG of Chandler's Ford, ingapore Hampshire.

Capt. Gorry Wilson had been interested in radio experiments for many years and held a licence to conduct receiving experiments as far back as 1922. He was a member of the Royal Meteorological Seciety and a Master Pilot of Land and Marine Aircraft. His untimely death has been a great loss to aviation.

Capt. Wilson lost his life on November 6 whilst carrying out his duties as test pilot.

We extend our sympathics and condolence to his widow and other relatives.

Arthur Tomlinson, ZD2H G2QN.

We very much regret to announce the death of Art. Tomilisson, ZD2H/G2QN, due to enemy action whilst coming home on leave from Nigeria.

He will be remembered locally for his enthusiasm for the Society, and it was largely due to his influence that the Blackburn Group was built up. He could always be counted on to co-operate in any project and his assistance to new-comers to Amateur Radio was greatly appreciated. He did excellent work as T.R. for Blackburn until he had to relinquish that office in 1938 when he became a Surveyor in the Nigerian Posts and Telegraphs Department.

In Nigeria he soon became well-known as ZD2H and made many friends all over the world. He was fully aware of the

In Ngeria ne soon occane werknown as 2021 and made many friends all over the world. He was fully aware of the other fellow's point of view and gladly accepted the responsibilities which he felt went with being the only active Amateur Station in a little-worked part of the globe.

His loss will be felt by all who knew him, and we extend our deepest sympathy to his wife and young son. H. W.

MEMBERS ON ACTIVE SERVICE

Thirty-ninth List

WE publish below our thirty-ninth list of members on Active Service. Additional details and corrections should be advised to Headquarters as early as possible. The present list contains information received up to November 30,

Rank and Name			Regiment or Branch of Service	Pre-war Call or B.R.S.
Cfmn. D. R. Banwell Radio Mech. R. S. G. Bs Lt. A. Beattje Tel. O. Bell P./O. A. Bikker Tel. B. B. G. Bs Lt. A. Bowers. Sgt. R. G. Bonner Sgt. R. W. Bridgland P.O. Tel. H. S. Brown A.C.1 F. J. Browne Cfmn. E. G. Bull N.A.2 R. A. Catmur 2nd Lt. J. D. Chisholm A.C.1 J. E. Church Cpl. B. W. Clack A.C.1 R. Comerie L./Cpl. D. J. B. Cox Sgt. J. Davidson A.C.2 E. M. Davies F./Sgt. A. Dimmer Lieut. D. W. Dunnett Cfmn. P. M. C. Dyer Cpl. A. M. East Cfmn. A. Edwards Tel. T. Evetts Sig. R. Ferguson O./Cdt. B. Ferris Sig. E. S. G. Fish Cpl. R. E. Friend Cpl. H. J. Froggatt A.C.2 E. Gant Sgt. A. M. Gellatly S./Sgt. H. Göldner Ldd./Radio Mech. J. H. A.C.1 E. W. H. Hall			R.E.M.E. R.N. R.E.M.E. R.N. R.A.F. R.N. R.A.F. R.N. R.A.F. R.M.E. R.A.A. R.E.M.E. F.A.A. R.Sigs. R.A.F. R.A.F. R.A.F. R.A.F. R.E.M.E. R.Sigs.	5741
Radio Mech. R. S. G. Ba	artle	- 11	R.N.	GOOB
Lt. A. Beattie			R.E.M.E	5678
Tel. O. Bell	**		R.N.	5654
Tel R A Blowers	* *		R.A.F	5659
Sgt. R. G. Bonner			R.A.F.	5742
Sgt. R. W. Bridgland			- 0	2FYP
P.O. Tel. H. S. Brown			R.N.	2817
Cfmn E G Bull			REME	4038 5675
N.A.2 R. A. Catmur			F.A.A	4822
2nd Lt. J. D. Chisholm		* *	R. Sigs	G2CX
Col. P. W. Cleak			R.A.F	2BMC
A.C.1 R. Comerie	**	**		5711
L./Cpl. D. J. B. Cox			R.E.M.E	5720
Sgt. J. Davidson			R.A.F	3326
A.C.2 E. M. Davies	* *		19	2HUY
Lient D W Dunnett		* *	R'A	3112
Cfmn, P. M. C. Dyer			R.E.M.E.	2BCU
Cpl. A. M. East		**	R.A.F	5652
Cfmn. A. Edwards			R.E.M.E	5671
Sig R Forguers		**	R,N	5728
O./Cdt. B. Ferris		1.5	REME	5644
Sig, E. S. G. Fish			R. Sigs.	2HCZ
Cpl. R. E. Friend			R.A.F.	5712
Cpl. H. J. Froggatt			,, .,	5694
Sot A M Gellatly			,,	G4DV
S./Sgt. H. Giles	2.5		R.E.M.E.	5663
Sgt. H. Goldner			R.A.O.C	5680
Ldg./Radio Mech. J. H.	Gorm	an	R.N	4562
Lieut I Hamilton		* *	R.A.F.	5633
Bdr. C. Harrington		11	R A	2202
Spr. A. Harrison			R.E	5729
A.C.2 G. G. Hayden			R.A.F	4588
Sig. G. V. Haylock		* *	R. Sigs	2DHV
Sig. J. W. Heffernan		**	" "	G4BX
Sub. Lt. A. T. Hickman			R.N.V.R	4577
A.C.2 J. S. Hobson			R.A.F	G5QZ
Sig W C Horne			R.N.Z.A.F	BERS50
L.A.C. L. Howell			R.A.F.	5708
S./Sgt. W. James			R.E.M.E	G6XM
Cpl. A. Johnson			R.A.F	5699
Cpl. W. Johnson	* *	7.1	pwwp "	5636
A.C.1 E. G. Jones		***	RAF.	5740
Lieut. A. Jordan			R.E.M.S.	3894
Sgt. A. W. Joyce			R.A.F	5713
Crinn. A. Keeling			R.E.M.E	5732
L.A.C. G. W. Labram		**	R.A.F	5699
Sgt. S. B. Law				5722
Cpl. G. F. C. Layzell				5700
Cpl. H. D. Leach			n.'l	5714
Col R Manghan	7.7	5.5	R. Sigs	5650
A.C.2 A. Mayhew	**	**	A.A.F	5667
A.C.2 J. E. Mercer				5737
Cfmn. W. R. Merricks			R.E.M.E	5682
A.C.1 A. McCall			R.A.F	5567
Sub. Lt. J. E. C. Nieboli		* *	FAA	3882
Lieut, W. E. Noon	* *		REME. R.AO.C. R.A.F. R.N.V.R. R.A.F. R. Sigs. R.N.V.R. R.A.F. R. Sigs. R.A.F. R. Sigs. R.A.F. R. E.M.E. R.A.F. R.E.M.E. R.A.F. R.A.F. R.E.M.E. R.E.M.E. R.A.F. R.E.M.E.	5664
A.C. R. F. Nugent			R.A.F	2FTS
Radio Mech. A. T. O'Con	nnor	4.9	R.A.F	5656
Cfmn C F Padgham	* *		Welch Regt. R.E.M.E.	2AMZ
L.A.C. F. Parker	* *	• •	R.E.M.E	2BCP 5716
Cpl. R. V. Parnell	**	**	R.A.F.	5716 5670
A.C.2 W. L. Phillips				5641
Sig. S. A. Phipps			R. Sigs	5717
A.C. 2 B. Gall S. Sgt. A. M. Gellatly S./Sgt. H. Giles S./Sgt. H. Giles Sgt. H. Goldner Ldg./Radio Mech. J. H. A.C. 1 E. W. H. Hall Lieut. J. Hamilton Bdr. C. Harrington Spr. A. Harrison A.C. 2 G. G. Hayden Sig. G. V. Hayleck Sig. A. C. Hazzard Sig. J. W. Heffernan Sub. Lt. A. T. Hickman A.C. 2 J. S. Hobson Sgt. J. W. F. Holden Sig. W. C. Horne L.A.C. L. Howell S./Sgt. W. James Cpl. A. Johnson Cpl. A. Joyce Cfm. A. Keeling P./O. W. E. King L. A.C. 1 E. G. Jones Lieut. A. Jordan Sgt. S. B. Law Cpl. G. F. C. Layzell Cpl. H. D. Leach Sig. A. Lewis Cpl. H. D. Leach Cpl. H. D. Leach Sig. A. Lewis Cpl. R. Maughan A.C. 2 J. E. Mercer Cfmn, W. R. Merricks A.C. 1 A. McCall Sub. Lt. W. J. McClune Sub. Lt. W. J. McClune Sub. Lt. W. F. Non A.C. 2 A. Mayhew A.C. 2 J. E. Mercer Cfmn, W. R. Merricks A.C. 1 A. McCall Lieut. W. E. Noon A.C. R. F. Nugent L. A.C. 2 W. L. Phillips Sig. S. A. Phipps A.C. 1 F. Pierrepont Sub. Lieut. M. B. F. Rat Cpl. S. R. Raspin Capt. S. Read	nkom	* *	R. Sigs R.A.F	5692
Col S R Raspin	nken	• •	R.N. R.A.F.	5658 5710
			R.A.F.	2ATM

	Regiment or Branch of Service	Pre-war Call or B.R.S.
Pte. J. I. H. Rees Cpl. D. Reid Sgt. W. Reid L./Cpl. F. T. Rule L./Cpl. F. T. Rule L./Cpl. F. Seys Gnr. L. H. Shersby Cpl. R. S. Short F./O. W. Smith A.C. 2 W. A. Smith A.C. D. Strang Cpl. H. J. Swift Ldg./Radio Mech. F. Tattersall Sig. H. R. Tunstall A.C. 2 H. L. Williams A.C. 1 M. R. W. Williams L./Cpl. T. E. Wilson A.C. 2 G. G. Wright	Queen's Royal R.A.F. R. Sigs. R.E.M.E. R.A.F. R.A.F. R.A.F. """"""""""""""""""""""""""""""""""	5723 5696 5697 5634 5661 G2GZ 5693 G5WZ 5637 5709 G2WY 5738 5715 G4BW 5635 G6VQ 5736

Prisoners of War Fund

Prisoners of War Fund

Donations.—The General Secretary acknowledges with thanks, on behalf of Council, receipt of donations from :—S. Parr, G6AN, 5s.; F. R. Scott, 2CZH, 8s.; P. Taylor, 4237, 5s.; I. Jones, GW3KY, £2 3s.; W. Richards, 2AAW, 6s. 6d.; A. Brown, Snr., G2WQ, £1; G. F. Quigley (Sale of Data sheets) £1 10s.; J. D. Chisholm, G2CX, £2 2s.; S. Mapplethorpe, 4473, £1 10s.; (Sale of Newnes); W. V. Champion, GSCY, 5s.; A. G. Ryall, 2921, 2s. 6d.; H. C. Turner, G5OJ, 15s.; D. J. Pratt, 4491, 5s.; L. D. Hodge, 2FZM, 5s.; "A few Bradford Hams," £1 10s.; No. 1 Hodge, 2FZM, 5s.; "A few Bradford Hams," £1 10s.; No. 1 S.S. per G8ON, 13s.; N. Routledge, 2731, 10s.; F. Eiser, W6GVU, £1; G. R. Jessup, G6JP, 5s.; W. B. Stirling, GM6RV, 5s.; E. Marshall, father of G2XQ (P.O.W.) £1; District 12 Meeting (Sale of books), £3; W. F. Larbey, 2DWV, 15s.; A. J. Mitchell, 2DLX,5s.; T. Tallboys, 2ATK, 5s.; District 7 (Croydon) per G2DP, 17s. 6d.; L. Allen, 4497, 10s.; Anon, 19s. 9d.; District 13 (per G3ST), 12s. 6d.; A. T. Mathews, G6QM, 5s.; A. W. Brookson, G3IP, 5s.; Mrs. Frost (Xmas Draw), £3; G. Mander, 5s. Receipts to date, £627 16s. 7d. Expenditure to date, £181 4s. 3d. Balance in hand as at November 30, £446 12s. 4d.

Non-Technical Books Wanted.—Mr. C. H. L. Edwards,

NON-TECHNICAL BOOKS WANTED.—Mr. C. H. L. Edwards, Speedway, St. Bartholomews Lane, Sudbury, Suffolk, again appeals for secondhand literature especially novels, autobio-graphies and travel stories. Members in a position to assist are reminded that annotations and markings must be removed from

all pages.
PARCELS. PARCELS.—The October and November despatches of parcels were slightly delayed due to a seasonal rush at the Army and Navy Stores. Difficulty has been experienced in obtaining playing cards and games, but it is hoped to include these items in future

despatches.

At present parcels are being sent to 19 members who are known to be prisoners of war. As from next month parcels will also be sent to certain non-members in accordance with the terms of the new arrangement announced in our last issue.

ANOTHER GIFT.—Mr. E. H. Trowell, 2HKU, has donated 52 recent issues of Practical Wireless which will be sold to the highest bidder. The collection covers the period from May 1939 to November 1942, and all copies are in good condition. Bids should be addressed to the Georgia Secretary Closing data December 31. be addressed to the General Secretary. Closing date December 31,

THANKS.—Mr. S. Mapplethorpe, 4473 and Pte. G. Quigley, 4611, were the successful bidders for Newnes Complete Wireless and Electronic Engineering Data Charts donated by Messrs. Mackenzie, GSSX and Forbes, 2BFC. The P.O.W. Fund has benefited to the extent of £3 as the result of these two bids. Messrs. Noble, 3488 and Fair, 4095, are thanked for donating technical books. These were disposed of at the November District 12 meeting when the sum of £3 was raised for the P.O.W. Fund.

News from the Kreigies

In a letter to his parents Lt. M. L. Quartermaine, G3FZ, gives some information about Oflag VIIB, the new camp to which he and other members were transferred recently. "We are in a room and other members were transferred recently. "We are in a room for 32 which we have split into four by means of cupboards. The room is part of a long building with a wash place in the middle. There is no electric light as yet but we have been promised it. Meanwhile it is carbide lamps again. The upper part of the camp is composed of two-storey buildings either side of a road, one of these is the hospital and another cookhouse, canteen and theatre combined."

Lt. D. G. Riair, GSVII and Col. D. W. Corr. GSUC is lattered.

theatre combined.

It. D. G. Blair, GSVU and Cpl. D. W. Carr, GSUC, in letters home ask that their thanks be conveyed to all who have made it possible for them to receive parcels from the Society's P.O.W. Fund.

Mr. Leslie McMichael Bereaved

With deep regret we record that our distinguished Vice-President and Founder Member, Mr. Leslie McMichael, has been bereaved by the loss of his son whose death on active service has been confirmed.

Sergeant McMichael returned from Australia to join the R.A.F. in which service he qualified for air crew duties. He was killed on night operations over Germany early in August.

Our sympathies are extended to Mr. McMichael and his family.

BRITISH ISLES NOTES AND NEWS

DISTRICT I (North Western)

D.R.: H. W. Stacey (G6CX), "Sandleas," Eddisbury Road, West Kirby, Cheshire. Hoylake 337.

West Kirby, Cheshire. Hoylake 337.

Ashton-under-Lyne.—Everybody here seems V.H.F. conscious; 66DV, for example, has got up to 300 Mc/s, with his mains superregen receiver. 2BBV and 3DL have been home on leave but the latter is now believed to be at sea again. Since returning to eivry street," 2FOS has made another change and is now busy with radio as a full-time job. 4567 has forsaken Signals in the Home Guard for a less onerous task. 3PM and 5PX are recovering from a strenuous A.T.C. course with the R.A.F.

G5PX again points out that ordinary meetings are held at 7.30 p.m. every Wednesday and constructional and servicing meetings every Monday. Meetings are held at The Beaconsfield Conservative Club, Stalybridge Road, Ashton-under-Lyne. Service members passing through the town are cordially invited. The members of the Ashton Radio Society send their 73 to all members on active service.

Bolton.—The November meeting was poorly attended, 2ABF,

members on active service. (via G5PX.)

Bolton.—The November meeting was poorly attended, 2ABF,
2DVQ, 4618 and 5359 being the only members present. Congrats.
are offered to Cpl. Norman Moorcroft, 2ABT, on the occasion of
his recent marriage to Miss Margaret Duncan (A.T.S.), of
Huddersfield. We hope to congratulate them personally the next
time 2ABT is on leave. Several members have received what
might be termed an "Early Bird" Christmas card from 2FP1.
Posted in the Middle East in September, he apparently took to
heart the exhortation "Post early for Christmas."

The next meeting will be at 2DVQ, 32 Bromwich Street, Bolton, on January 10, 1943, at 2.30 p.m. (via 2DVQ.)

Liverpoot,—Although it has not been possible to hold organised meetings during the year, small groups of members are in regular contact and a certain amount of constructional work is going on. The Acting T.R. sends his seasonal greetings to members at home and abroad and looks forward to receiving some reports one of

these days.

The D.R. wishes all members the compliments of the season and the best of good luck in the coming year. May it bring us within measurable distance of victory and the restoration of our transmitting licenses!

DISTRICT 2 (North Eastern)

D.R.: C. A. Sharp (G6KU), 316 Poplar Grove, Gt. Horton, Bradford. Bfd. 10772. Scribe: H. Beadle (G8UO), 13 Chandos

Bradford. Bid. 10772. Scribe: H. Beadle (GSUO), 13 Chandos Street, Keiphley.

We welcome Mr. C. A. Sharp, G6KU, as D.R. and hope that all members will rally round him in an attempt to put District 2 well and truly back on the map. Will all members at home and in the Services please forward their addresses to 6KU so that an up to date list may be collated. The list will also enable contacts to be made. Members willing to serve as acting TR's are asked to send their names forward. It is requested that all notes be sent to the D.R. or Scribe by the 23rd of each month. It is proposed to hold a P.D.M. early in 1943. Suggestions will be welcomed by the D.R. G6KU sends best wishes and Christmas greetings to all friends old and new. 4CL (ex ZB2A), has the garage ready wired for a

A Christmas Message from our President

AS we approach the fourth war-time Christmas and the end of 1942, members are still asking, what plans are being made for post-war operation? How soon after the war will licences be restored and new ones

When will our issued ? impounded equipment be returned? What power will be allowed and what frequencies will be allotted?

The hundreds of British amateurs who are serving in the Army, Navy and Air Force-many of whom hold high rank-as well as those who are working as technicians in shops, offices, laboratories, and factories, are seeking answers to these questions. It is only natural that they should do so because the future of the hobby, which has fitted them so well to undertake their war-time duties, is constantly in their thoughts.

Officially I can only say that "as far as can be judged at present the G.P.O. is agreeable to the restoration of full licences to all pre-war licence-holders," but "for Service reasons questions relating to frequency, power and other matters of detail cannot be considered officially at the present time.

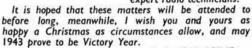
With many Axis amateurs still on the air, without apparently causing any embarrassment to Service requirements, there seems to me no reason why British licences, terminated in September, 1939, should not be restored within, say, two months of the time hostilities cease, followed by the return of our impounded equipment as promptly as it was collected. Power and frequency allocations should remain the same as in 1939, or until such time as a future Inter-

national Conference decides otherwise. There seems little doubt that our Ameri-

can allies will favour the status quo for amateurs.

These important matters should be dealt with now, and the decisions confirmed by the Government departments concerned. should not be left over until post-war chaos and movement crowds them into the background.

The war is not yet won but for Britain and her Allies the offensive has at last begun. The coming year will probably see much heavy fighting, much bloodshed and many losses, but it may well prove to be the year of victory. As post-war planning is in the fore-front to-day, it is not premature to make plans for the return of those facilities which will enable us to continue our experimental radio work. But for the encouragement which our scientific pursuit has received in the past, the world would be poorer by tens of thousand of expert radio technicians.



A. D. GAY (G6NF).



Alfred Duncan Gay, G6NF, President.

<u>ଦ୍ରିୟ କଳ୍ପ ପ୍ରତ୍ୟୁତ୍ୟ ପ୍ରତ୍ୟୁତ୍ୟ ନ୍ଦ୍ରପ୍ରତ୍ୟ ପ୍ରତ୍ୟୁତ୍ୟ ପ୍ରତ୍ୟ କଳ୍ପ ଅନ୍ତ୍ରୟ ପ୍ରତ୍ୟୁତ୍ୟ ନ୍ତ୍ର ନ୍ଦ୍ରପ୍ରତ୍ୟ କଳ୍ପ</u> କଳ

TX when hostilities cease, rumour also has it that he contemplates TX when hostilities cease, rumour also has it that he contemplates building an oscilloscope. 3UV is planning a speech amplifier using 61.6's in push pull. 2VO has recently passed the final exam. of the Royal College of Surgeons, Eng. (Congrats O.M.). 6BR, now a Lieut. R. Sigs. has been on leave and looks fit and well; he sends 73 to Bradford members. 5GJ is with the R.A.F. in Kent. 6ZN, R. Sigs. in a letter to 8UO says his cousin 8TP is with him, he also reports that 3KB is a P.O.W. Has anyone confirmation? Nothing has been heard from 5VY, 8SJ, 8LJ, 5IV, 5TO, 6LF, 2JY, and many others. Please let us know where you are and what you are doing. We welcome two new members in Mr. C. Lancaster, 5590, and Mr. B. Rogers, 5628. 8UO and 2LT join in sending Christmas and New Year greetings to their friends.

DISTRICT 3 (West Midlands)

D.R.: V. M. Desmond (G5VM), The Chestnuts, Gilbert's End, Worcs., Scribe: E. J. Wilson (2FDR), 48 Westbourne Road, Olton, Birmingham, 27.

Birmingham.—At a meeting of M.A.R.S. held at the "Hope and Anchor" Hotel, on November 15, Inspector G. Brown (G5BJ), gave a very interesting lecture-demonstration on quality amplifiers.

nollifers. Nineteen members were present.

The D.R. has received an airgraph from Sig. Schembri, 4695, him of Malta and now in India, and would like to congratulate him on his engagement to L.A.C. McCarthy of Evesham Hospital. We welcome Schembri to District 3, who points out that his only claim to us is through his lady friend ! 2FDR.

DISTRICT 4 (East Midlands)

Deputy D.R.: W. M. Vendy (G6VD), 9 Cecilia Road, Clarendon Park, Leicester.

Park, Leicester.

Leicester.—The high spot of a rather poorly attended November meeting was a sale of junk apparatus kindly donated by GSZP. The proceeds amounting to £1 were given to the P.O.W. Fund. The next meeting will be held on December 20 at G2IX, 19 Francis Avenue, Narborough Road South, at 11 a.m.

Nottingham.—Among those present at the November meeting were two visitors from the University Radio Society. It was agreed to co-operate closely with this Society in future, an arrangement which should prove beneficial to all concerned.

The next meeting will be held at G8DZ, 14 Epperstone Road, West Bridgford, at 3 p.m. on December 20. The contest announced last month closes on that date, and the apparatus will be judged at the meeting. The prizes are being donated by G8DZ. Notting-hams send seasonal greetings to old friends everywhere.

GSDZ. Notting-hams send seasonal greetings to old Iriends everywhere.

General.—G2OU (Derby), has had visits from SSI and 2CVV. 4251 and 5586 are in the R.E.M.E. The former is anxious to contact 4357 and 4373 of the R.A.F. 6IM writes from a "Quiet little spot in the south west." 2793 who we hope is quite fit again reports that VS2AR is in New Delhi with his family.

The Deputy D.R. extends his personal good wishes for Christmas and the New Year to all members.

G6VD.

DISTRICT 5 (Western)
D.R.: R. A. Bartlett (G6RB), 31, King's Drive, Bishopston,
Bristol. Bristol 46960.

Swindon.—A welcome item of news comes from G3SO, who is now serving with the R.A.F. Of the active amateurs in Swindon before the war, G3FL has passed on, having gone down in the "Lancastria" whilst serving with the R.A.F. 3NC, 3SO and 2CGN are in the same service. 3SO recalls pleasant memories of a visit with 3ZF to 3GH of Braunton, and also speaks of the wonderful time spent in GI where ham hospitality knows no peak. It is believed there ie still a number of members in the area, so perhaps these few notes may induce others to write to the D.R. area, so the D.R

Bristol.—At the meeting held on November 22 there were nearly as many visitors as locals. The next meeting is fixed for nearly 24, when it is hoped that many more will put in an G6RB.

DISTRICT 6 (South Western)

D.R.: W. B. Sydenham, B.Sc. (G5SY), "Sherrington," Cleveland Road, Torquay. Torquay 2007.

-There is little news to report this month, but that Torquay .-

Torquau.—There is little news to report this month, but that little is better than the zero level maintained of late!

The D.R. was glad to meet a few of the old hands at an informal gathering recently. Although we were not able to brag of our DX achievements on "mouse power" as in days of yore, the tendency towards leg-pulls, and the "fishy" type of yarn, was still much in evidence.

Interesting letters have been received from 3171 and 3169. The latter, writing from Ceylon, states that his home is at Ferndown, Dorset, but that before joining up he was at Blundell's and then at Woolacombe, N. Devon. He sends 73 to G3BO, 3GH, SUS and also to 5YR, who introduced him to the game.

N. Devon.—The T.R. for N. Devon, in a welcome report, states that after a hair-raising adventure, which ended in a fractured foot and a spell in hospital, Jack Caldwell, GSUS, is now well on the road to recovery. Local members who have memories of the 1938 N.P.D. will have been especially glad to read the good news of VSGAH as announced last month.

of VS6AH as announced last month.

Good wishes for Christmas and the New Year to all in District 6, and also to Council and H.Q. staff.

G5SY.

DISTRICT 7 (Southern).

D.R.: W. E. Russell (G5WP), "Milestones," Mayford, Woking, Surrey. Woking 1589.

Surrey. Woking 1689.

Bournemouth.—G2XP, who during his long stay here made many firm friendships, is now safely re-installed in his Hford home. (Sorry to see you go OM.) 5PB is reported to be interested in astronomy. We at home send Christmas greetings to our friends everywhere (via 2HNO).

Coulsdon.—G2FI met 3IG whilst the latter was on leave from EI. Welcome to new members Mr. Chandler, 5545, and Mr. Hayes, 5624. The T.R. would like to hear from more members in the District. QRA:—122, St. Andrew's Road, Coulsdon. Seasonal greetings are extended to new and old members. (via 3003).

Croydon.—The November meeting held at 5BT's saw an attendance of 17, including:—SU5KW, G2DP, 2FI, 2VB, 3DF, 4NI, 2ASD, 2HDY, 2HHD, 1545, 3003, 4584,4603, 4814,5317, 532, A small junk sale was held during the meeting, the proceeds going to the P.O.W. Fund.

SU5KW has been in constant touch with the Croydon area and

SUSKW has been in constant touch with the Croydon area and hopes to continue to do so. 3VN and 4150 have both been home on leave. 4NI is building a morse recorder for A.T.C. instruction.

Guildford.—Due to a chance meeting with 6GS's wife we learned that Billis in Palestine. Recently he had a short personal QSO with Ted Laker, G6LK, who has taken up a temporary

Abode in Iraq.

Very best wishes from the D.R. for Christmas and the New Year (may it usher in the Great Day) to all members in District 7 and especially to those serving overseas and those away from home.

G5WP.

DISTRICT 8 (Home Counties)

Deputy D.R.: L. W. Jones (G5JO), 16 Leys Road, Cambridge. Tel.: Cambridge 3406.

Steps will be taken to organise a District meeting in Cambridge at a very early date, but as travelling facilities are so uncertain, it is imperative, if the function is to prove a success, to hold it on the right day. As a week-end would appear to be the most suitable, members are asked to state their preference for either Saturday or Sunday, afternoon or evening. It is known that many members are located in the Cambridgeshire area, but they apparently do not read these notes as few have ever reported.

apparently do not read these notes as few have ever reported. May we again appeal to every member resident in the District to drop a line to 65JO giving a few personal details. Only in this way can we hope to keep No. 8 on the map.

The only Cambridge members to report this month are 65BQ, 6BP and 2BMZ. The latter has, as yet, met no amateurs in the town, which indicates that a meeting is long overdue. 6BP has already intimated that he would support such a function.

From Dunstable comes news of 5274, who is anxious to meet local members. 4865, stationed in Bedford, has offered to organise a meeting to cater for the Luton-Bedford-Dunstable areas. For a long time we have felt that meetings should be held in this part of long time we have felt that meetings should be held in this part of the District. Here, then, is your chance to get together. Please write at once to 65JO so that he can made the necessary arrangements with 4865.

Arrangements with 4895.

Congrats to Mr. Abbott, G3JU, of Sandy, who has been appointed Manager of the new V.H.F. Propagation Group. His wife has joined the Society and is 5703. 3JU has attempted to contact U.S.A. amateurs in the District without success.

Seasons greetings to everyone and if you are in District 8 please send a report by Christmas Day.

G5JO.

send a report by Christmas Day.

DISTRICT 9 (East Anglia)

D.R.: H. W. Sadler (G2XS), The Warren Farm, South Wootton, Kings Lynn, Norfolk. Castle Rising 233.

Kings Lynn, Norfolk. Castle Rising 233.

Ipswich.—A welcome letter is to hand from Tel. B. A. Blowers, 5653, a new member. Although he is stationed elsewhere at present, we hope that when he returns on leave he will be able to chase up some of the locals who seem to have gone to earth!

Norwich.—Another R.N. Telegraphist, L. Richardson, 3558, seems to have been getting around a bit since we saw him at the 1939 N.F. D. He reports meeting G2LU, 3FL, 3WT and GM3UM.

2MN has received an airgraph from 3766 who bemoans the fact that he has lost recent issues of The Bulletin. (In an Airgraph to HQ 3766 reported the arrival of the August Bull. Ed.)

GI. Yarnouth.—BRS3821 reports that meetings are still held on Thursdays and Sundays. Members serving in the area should write or call on Mr. Buck, at 24 Priory Street, Gorleston. 3821 and 4991 send 73 to G3RW, 2HFK, 2999, 3466, 3468 and 3766.

G2XS.

DISTRICT II (North Wales)

Deputy D.R.: C. Spillane (BRS1060), "Woodside," Meliden Road, Prestatyn.

There was an attendance of 11 at the last Prestatyn meeting. Among those present were GW3CF, 4CK and 2HCZ (home on leave), BRS1450, 2731, 3044, 4444, 4761, and 5561. L.A.C. Vogelsang, R.C.A.F. was a welcome visitor. Morse instruction was given by 2HCZ, following which a junk auction took place with 2731 acting as auctioneer. His commission of 10s, has been given to the P.O.W. Fund. Another auction will take place at the meeting to be held at "Vale View," Prestatyn, on December 20 at 3 p.m. Among the items in demand are small L.F. transformers with windings intact. Do not bring along old variable

condensers as these are of greater use to the war effort as scrap

Members present at the last meeting read with deep regret of

Members present at the last meeting read with deep regret of the death of Ron Norman, ex G5DP, who so recently attended our P.D.M. The sympathies of the District membership are extended to Mrs. Norman and her family.

*General.**—GW3JI in an airgraph from Beirut sends 73 to old friends and invites correspondence (QRA from 1060). 4CK, now at an R.A.F. station in Wiltshire has met a number of members including G6RS, 8GI, SWA, 2BHS and 4349. They are endeavouring to arrange a meeting in Swindon. (How about linking up with District 5 as suggested in the November issue? — ED.), 1060 will be pleased to put the Swindon group in touch with GW4CK and 4349. Congrats to 4CK on his promotion to Corporal.

As the result of the note published last month the writer has contacted a number of members including G3LY, 3723, 4882, 5065 and 5670, among others. He has also attended meetings of the newly formed South Bedford Radio Club and was present at the November District 12 meeting held at G6CL.

We are pleased to report that G3IR who recently underwent a second operation is now back at business.

Merry Christmas and a Prosperous New Year to District 11

Merry Christmas and a Prosperous New Year to District 11 members. BRS1060.

Forthcoming Events

- Annual General Meeting, 2 p.m. at The Institution of Electrical Engineers. (See separate announcement.) Dec. 19
- District 13, 3 p.m. at 3 Englewood Road (near Dec. 20 Clapham South Station).
- District 14, 3 p.m. at G8DG, 8 Bosgrove, The Ridgway, N. Chingford (No. 38 bus). Dec. 20
- Scotland "A" District, 3 p.m. in Royal Technical College, George Street, Glasgow. Enter by Montrose Street. Dec. 27
- 1943 District 7 (Croydon), 3 p.m. at G4NI, Whitehorse Road, West Croydon, District 7 Jan. 10
- Scotland "A" District, 7.30 p.m. in room "D" Institute of Engineers and Shipbuilders, 39 Elmbank Crescent, Glasgow. Jan. 12
- District 5, 3 p.m. at 17 Colston Avenue, Centre, Bristol. Jan. 24

DISTRICT 12 (London North and Herts)

D.R.: S. Buckingham (G5QF), 41 Brunswick Park Road, New Southgate, N.11. Enterprise 3112. Scribe: P. R. Solder (G5FA), 35 Torrington Gardens, New Southgate, N.11. Enterprise 4347.

35 Torrington Gardens, New Southyate, N.11. Enterprise 4347.

Due to the proximity of Christmas no District meeting will be held this month but the D.R. will be pleased to meet members for a meal at The Cock, Cockfosters, on Wednesday evening, December 23, from 7.30 p.m. onwards.

In place of the projected District dinner, which has been postponed owing to travelling difficulties, it has been arranged to hold another social gathering at Cockfosters on Sunday, January 24. Please book the date.

Local members were pleased to welcome S./Ldr. W. Craig, GM61J, Capt. S. Higson, GW2PH, A.Q.M.S. J. Hargreaves, G5VQ, S./Sgt. C. Bradbury, 1066, L.A.C. D. L. Duthie, GM61W, and A.C.2 C. Spillane, 1060, at the November meeting held at G6CL. The sum of £3 was raised for the P.O.W. Fund by donations and by the sale of technical books donated by members. G2TT writing from overseas sends 73 to all District members.

donations and by the sale of technical books donated by members.

G2TT writing from overseas sends 73 to all District members.

We extend a welcome to G6PM and 6XF who have now arrived in the district. 5FA received a visit from P./O. Ted Fowler, VE5VO, when he was passing through London. He has just received his commission in the C.R.A.F. (Congrats O.M.) We also offer congrats to GSTV on the arrival of a YL junior op. 4786 transmitted a message over the air on a recent Sunday morning by ringing Barnet Church Bells. 6QM has finished the alterations to his modulator and is teaching the future generation to dance. 4117 has moved to a Southern R.A.F. station, where he has met 8NA. We are pleased to hear that 3YY is about again after his illness.

The D.R. extends his personal good wishes for Christmas and

The D.R. extends his personal good wishes for Christmas and the New Year to all old friends wherever they may be. G5QF.

DISTRICT 13 (London South)

A.R.'s: (Southern Eastern and Central), S. E. Langley (G3ST), 62 Dumbarton Road, S.W.2. E. H. Simmonds (G8QH), 17 Roedean Crescent, Rochampton, S.W.15, Prospect 1990 (Western).

Roedean Crescent, Roenampton, S. W. 13, Prospect 1930 (western).

South Western Area.—The Log is going the rounds at what seems, in comparison with early days, like a h—I of a lick; and we are keeping pretty well informed about each other. A quiz on R.S.G.B. activities and post-war licensing has been conducted and it is hoped to send the findings to the Editor in a letter. G4GD, 6LR, 5PY, 4292, 6QN, 3DF, 5KH, 6DT, 2JK, 8IL all contribute interesting entries. One or two technical "benders" have kept our brains functioning, and believe it or not, the old "phone-CW bogey has raised its head again. 3AD and BER8491 (welcome, stranger!) report by mail. The former (F./Lt. Simmons,

Anand Parbat, Delhi, India), would welcome a word from old friends. All in all, a bunch of excellent gossip for which the Scribe is profoundly grateful. Christmas salutations to all—near and far—and 73 for '43.

South Eastern and Central Areas.—Our November meeting was a most cosy affair, 17 members being present. G2VB had a busy morning fire-watching, and the final results were "F.B." The new P.O.W. Fund arrangements were welcome by all present.

We on the Home Front, send best wishes for a very happy Christmas and New Year to Service members everywhere. Good Luck boys, keep up the good work; the R.F. certainly seems to be getting some place now!

Luck Boys, keep up the second of the self-entry some place now! Be getting some place now! Hearty congrats, to Lt. J. A. T. Bousfield on the safe arrival of a daughter—Daphne Christine.

of a daughter—Dappine Christine.

Judges will be present at our December meeting for the selection of entries for the "Ann Cup." See "Forthcoming Events" for date and venue.

DISTRICT 14 (Eastern)

D.R.: R. L. Varney (G5RV), 184 Galleywood Road, Chelmsford, Essex. Chelmsford 3394.

Chelmsford.—We wish to apologise for the absence of notes last month, but this was due to your scribe being a few hundred miles away from the district as the electron flies!

G2SA is busier than ever with H.G. duties and has no time for radio. 5HF, 6ZC and 3650 continue to swell the attendance at local meetings. 6LB now has some friendly rivalry in the matter of super-het construction as 5RV is also involved in an ambitious project on similar lines. After making a prolonged and critical study of the salient points and relative performance of many of the first class communication receivers on the market, instructive debates took place at local meetings on the subject of the "ideal" communication receiver from the amateur aspect. As a result it communication receiver from the amateur aspect. As a result it was decided to construct a receiver embodying all the best points of the numerous types reviewed. 6LB and 5RV hope that, on completion of the two sample receivers, a joint article on the subject might be acceptable (very.—ED.). 8PB has also started the construction of a similar set.

the construction of a similar set.

Hearty Christmas greetings from the Chelmsford "gang" to brother hams everywhere.

Chingford.—A meeting of the local group convened by Mr. K. Howell, G8DG, took place on November 22 at his temporary address, 8 Bosgrove, The Ridgeway, North Chingford. Those present included G2HR, GM3BL, 5588 and 5596. G8DG is arranging another meeting on December 20 and invites all members living, or temporarily located, in his part of East London to attend. (No. 38 bus to Endelbury Road.) G5RV.

DISTRICT I5 (London West, Middlesex and Buckinghamshire)

D.R.: H. V. Wilkins (G6WN), 539 Oldfield Lane, Sudbury Hill Greenford, Middlesex. Byron 3369.

G6WN, 2ADL, 2DZD, 3811, 4684, 5533 and a new member 5246 attended the last District meeting. We hope Mrs. 5246 enjoyed the experience. The High Wycombe meeting was supported by G2RL, 6JK, 2HFY, 4780, 5266, 5666, and a prospective new member. 2HFY demonstrated his broadcas quality amplifier and loud speaker of unique design which

quality amplifier and loud speaker of unique design which opened the way for a discussion on reproduction in the home and in the cinema. Test gear was also discussed.

Thanks are extended to Mr. and Mrs. BR4684 and to Mr. and Mrs. 2HFY for their kindness in providing accommodation an refreshments. 4684 leaves us this month to take up an appoint ment in Glasgow. We wish him and his wife good fortune in the new surroundings and thank them for their help during the pastwo months.

two months.

two months.

5180 who reports for the first time from George Cross Islan is in the R.A.F. and studying for an I.E.E. exam. He has met n hams since reaching Malta. G2KI, writing from somewhere i Kent reports all well. He enquires for news of G6PK (gor abroad, see K. and B.—Ed.), and sends his 73 to 2LA and 2VV.

Due to the proximity of Christmas no meetings have beg arranged for December. January dates will be announced newmonth. Seasonal greetings to all members.

G6WN.

DISTRICT 16 (South Eastern)

Deputy D.R.: W. A. Scarr, M.A. (G2WS), 8 Beckenham Grov Shortlands, Bromley, Kent. Beckenham 1131.

Our D.R., E./O. W. H. Allen (G2UJ), in a letter to G2W asks that his best wishes be conveyed to all District member He also expresses the hope that before next Christmas he will He also expresses the hope that before next Christmas he will making plans for a return to his old QRA. He is still Lineoinshire but as he does a good deal of travelling he cann attend local meetings. He gives news of 5KV, Tunbridge Wel who visited him recently, 60B of the R.N., and 4AY of Sout borough. 50Q has written from South Africa, 2BIB is not training as a Cadet Officer.

Cyril Padgham, 2BCP, writing from St. Leonards is anxic to obtain the circuit of the Sky Chief Receiver. Can any memi oblige? He also wishes to get in touch with members in the Lev area, and sends his best wishes to 2BQW and 5RO. 4452 Brighton has heard that Sig. T. A. Boyce, 4879, has been wounc in the Middle East, he is anxious to get further news.

The Deputy D.R. sends best wishes for Christmas and the N Year to all members in District 16.

Year to all members in District 16. G2WS

(British Isles Notes and News-continued on page 95).

HEADQUARTERS CALLING

October Council Meeting

Resume of the Minutes of a Council Meeting held at the Institution of Electrical Engineers, London, on Monday, October 19, 1942. at 6 p.m.

Present.—Messrs. A. D. Gay (President), A. E. Watts, H. A. M. Clark, J. E. Mathews, G. A. Jessup, W. H. Matthews, W. A. Scarr, E. H. Simmonds, A. J. H. Watson and J. Clarricoats (General Secretary). Apologies were received from Messrs. E. L. Gardiner and S. K. Lewer.

- 1. It was unanimously resolved that 146 applications for Corporate membership and one application for Associate membership be accepted. Twenty-seven applications were supported by references whilst the remainder were sponsored by Corporate
- 2. The audited Annual Accounts of the Society, and the audited Accounts of the R.S.G.B. Prisoners of War Fund were approved for submission to the membership at the Annual General Meeting.
- 3. It was agreed to donate the sum of £100 to the R.S.G.B. Prisoners of War Fund, out of the profits for the year ended September 30, 1942. A statement dealing with the Fund was approved for publication in the November issue of the Society's Journal. It was recorded in this connection that at the outbreak of hostilities 2,984 full licences and 2,647 artificial aerial licences were in force.
- 4. It was announced that sufficient paper has been allocated to the Society by the Paper Controller to reprint 30,000 copies of Radio Handbook Supplement, and 10,000 copies of the Amateur Radio Handbook. It was agreed to reprint a further 10,000 copies of the Handbook (it had previously been agreed to reprint 30,000 copies of the Supplement subject to paper being and available). It was after that the paper had been allocated made available). In view of the fact that paper had been allocated

V.H.F. Propagation and Aerial Group

Mr. D. Heightman, G6DH, Experimental Section Manager, advises us that Mr. S. G. Abbott, G3JU, Tetworth, Everton. Sandy, Beds.. has been appointed Manager of the newly formed V.H.F. Propagation and Aerial Group.
This group will be concerned with all aspects of V.H.F. propagation, on frequencies above 20 Mc/s., while the V.H.F. and Micro-wave group led by Mr. H. H. Phillips, GW4KQ, will cover V.H.F. equipment. The two Group Managers will work in close co-operation, thereby avoiding duplication of effort.

It has been arranged that Letter Circulars (already a feature of the V.H.F. group) will be published bi-pountly, so that one of the

the V.H.F. group) will be published bi-monthly, so that one or the other circular appears each month.

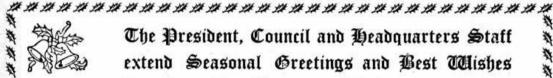
It is hoped that all members interested in V.H.F. Propagation will communicate with Mr. Abbott.

District 2 Representation

The Council has been pleased to appoint Mr. C. A. Sharp, G6KU, 316 Poplar Grove, Great Horton, Bradford, Representative for District 2 (Yorkshire), in succession to Mr. A. O. Milne, G2MI, who has now returned to London. Mr. Sharp has been a member of the Society since 1932 and for some years was District Scribe. The Council feels sure that, under his leadership, District 2 will continue to make good recovery. will continue to make good progress.

Radio Handbook

We have just been informed by Editors and Engineers Ltd., Bedford Street, Stamford, Conn, U.S.A., that the 8th edition of "Radio" "Handbook has been out of print since September. This means that members who placed orders after August 8 will receive the 9th edition due to be published this month. Owing to increased production costs the new price for this publication is 12s.



The President, Council and Beadquarters Staff extend Seasonal Greetings and Best Wishes for the New Year to Members everywhere

for editorial purposes only, it was agreed that no advertising should be accepted for reprints of the Handbook and Supplement. 5. Correspondence from the G.P.O. was considered in connection with experiments in wired wireless, etc. (See State-

ment below). Experiments in Communication by Inductive and Earth Current Means at Audio and Radio Frequencies

For the information of those members who have made enquiries to Headquarters, the Council has been informed that, it would be inadvisable at the present time, for radio amateurs to apply to the G.P.O. for permission to carry out experiments in communication by inductive or earth current means at audio and radio frequencies.

It is considered extremely unlikely that permits would be forthcoming for ordinary private experiments, along the suggested fines, during war-time. The Council recognises however, that the subjects may offer attractive scope for amateurs at a later date.

I.E.E. Meetings

I.E.E. Meetings

Mr. A. D. Gay, G6NF (President), presided over an enthusiastic udience of about 80 members when Ft./Lt. J. N. Walker, G5JU, ppened a discussion at the November meeting on V.H.F. Technicalities with special reference to amateur applications. Imong the many aspects of the subject dealt with were range, eliability of communication, tone modulation, acrial arrays, ecders, transmitters, valves, measuring instruments and receivers. Ar. Walker also described two well-known American commercial erecivers and made many interesting comments on the circuit

4r. Walker also described two well-known American commercial eccivers and made many interesting comments on the circuit lesign features employed.

Other speakers ircluded Messrs. Hoare, G2DP, Milne, 2MI, tockall, 2ZV, Corfiell, 5CD, Hargreaves, 5VO and Clark, 6OT. he latter moved a vote of thanks to Mr. Walker and ongratulated him on covering a very wide subject in a most able namer. The motion was supported by Major Fred Elser, V6GVU, of the U.S. Army Signals Corps, who was warmly elecomed by Mr. Gay. The motion was carried with acclamation. he President also extended a welcome to Capt. Mander, U.S. rmy and other Service representatives present.

Following the Annual General Meeting due to commence at p.m., Saturday, December 19, Mr. A. J. Bayliss, B.Sc., SPD, will lecture on the subject of Frequency Modulation. It is hoped that all members within easy reach of the Institution Electrical Engineers will make a special effort to attend the G.M.

University College, Southampton

The formation of an Amateur Radio Society in U.C.S. is announced by Mr. R. L. Gaiger of the Students Council. Members resident in the neighbourhood of Southampton who would be willing to deliver lectures or open discussions on radio subjects are invited to communicate with Mr. Gaiger at the College.

Anybody's Guess

J. B. Burtt, G4AB, who seems to have a flair for ferreting out the unusual, enquires "What is the last date of reception of an amateur signal (other than D.'s)?" Our office boy says "who signal (other than D.'s)?" Our office boy says "who What I want to know is, when do I get my licence back!"

Letter to the Editor

"A Cat among the Pigeons"

DEAR SIR,—Although I realise the risks I am running, I should like to ask, is it really necessary to include so much mathematics in some of the advanced articles which are published in The BULLETIN.

BULLETIN. I do not wish to decry maths, for, although I do not understand them very fully, I realise that they are necessary in order to express conveniently certain things, but I have a suspicion that there is, in some articles, a great similarity to $1\times 10^4+1-1\div 10^6\times 1=1!$ This may please the "old school tie" but it seems an unnecessarily involved way of saying something that could be expressed more quickly and in language simple enough for the poor inexpert like myself to obtain an enjoyable grip of the article. the article

The modern tendency seems to be, if you do not know how to square the circle to the infinitesimal fraction, you cannot be expected to understand how to measure the size of a piece of wood or metal!

But then, using the phrase employed by the Cockney to denote his uncertainty one way or the other "I'm bothered if I don't

Yours faithfully, T. C. CLARK (BRS565).

NEW MEMBERS

Home Corporates

H. J. Swift (G2TL), 196 Western Rd., Mickleover, Derby.
H. J. Swift (G2WY), 203 Selhurst Road, London, S.E.25.
R. E. PIDSLEY (G6PI), 118 Mimms Hall Road, Potters Bar.
W. James (G6XM), 65 Osborne Road, Farnborough.
L. R. HINCHLIFFE (2AHG), Plas Newydd, Stoney Bank Road,
Thongsbridge, Huddersfield.
I. O. QUINN (2AMZ), 44 Homelands Road, Rhiwbina, Cardiff.
S. Read (2ATM), 37 China Street, Bulwell, Nottingham.
P. M. C. DYER (2BCU), e/o 20 Windermere Road, Coulsdon.
J. E. CHURCH (2BMC), 576 Manchester Road, Linthwaite,
Huddersfield.

Huddersfield

G. H. HEPPEL (2DRB), 5 Coastguard Station, Kirkwall, Orkneys, R. F. NGENT (2FTS), Field House, Wifidmill Hill, nr. Hailsham, R. W. Bridgland (2FYP), 19 Parsonage Road, Eastbourne.

A CORDIAL WELCOME IS EXTENDED TO THE

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NEW MEMBERS WHOSE NAMES ARE LISTED

Home Corporates (B.R.S.)

U. R. E. SMITH (5631), 48 Woodcote Road, Leigh-on-Sea.
G. W. Labram (5632), 91 Kilmartin Avenue, London, S. W.16.
E. W. H. Hall (5633), 39 Prospect Vale, London, S. E.18.
F. T. Rule (5634), 265 Waldegrave Rd., Twickenham, Mdx.
M. R. W. Williams (5635), Flora Cottage, Yarbridge, I.O.W.
W. Johnson (5636), 8 St. Helens Flats, Fulford Rd., Scarborough.
B. C. SKINNER (5637), 24 Bank Street, Ferryhill, Aberdeen.
B. G. McGarry (5638), 23 High Street, Bognor Regis.
P. H. Barratt (5639), 4 Patterdale Rd., Woodthorpe, Notts.
W. E. Lavis (5640), 9 Swallow Street, Bath.
W. L. PHILIPS (5641), 20 Struet, Brecon.
J. B. MERK (5642), 73 Whitecrook Street, Clydebank.
J. E. Beanland (5643), Llety Gwylim, Ragian Rd., Hengoed, Glam. Glam. B. FERRIS (5644), Lombard, Fowey, Cornwall. H. G. FISHER (5645), 18 Sunnyhill Road, London, S.W.16. M. GRAHAM (5646), 21 Hamsterley Street, Brinkburn Road, M. Graham (5646), 21 Hamsterley Street, Brinkburn Road, Darlington.
G. Taylor (5647), 47 Danes Drive, Scotstoun, Glasgow, W.4.
G. H. Ewer (5648), Post Office Road, Dersingham, Kings Lynn.
B. B. Galz (5649), Braemar, Downfield Road, Stroud.
R. P. Hobden (5650), 29 Ash Grove, Guildford.
A. D. Spackman (5651), 63 Salisbury Street, Swindon.
A. M. East (5652), e7a 4 Prospect Place, Grays.
B. A. Blowers (5653), 687 Foxhall Road, Ipswich.
O. Bell (5654), Wilden, Dracaena Avenue, Falmouth.
R. M. Melville (5655), The Close, Oxshott Way, Cobham, Surrey, (Trans. from Associate Grade.)
A. T. O'Connon (5656), 66 Washbrook Rd., Rushden, Northants.
W. Smith (5657), 89 Shrewsbury Road, London, N.11.
M. B. F. Ranken (5658), Kersewell, Carnwath, Lanarks.
R. Maughan (5659), 114 Exmouth Road, S. Ruislip, Middlesex.
W. L. Jones (5660), 11 Sea View Terrace, Conway, Caerns.
B. C. Sens (5661), Clive House, Birmingham Road, Redditch.
G. S. Weber (5662), 2 Balmoral Road, Bristol, 7.
H. Giles (5663), Flat 2 Highland Court, Wharf Close, Parkstone.
W. E. Noon (5664), 15 Vine Street, Grantham.
E. T. Smith (5665), 7 Bridge Street, Kington, Herefordshire.
L. J. Luke (5666), 85 Chapel Lane, Sands, High Wycombe.
A. Maythew (5667), 42 Seaffield Road, London, N.11.
R. Ferguson (5668), 23 Rosefield Street, Dundee.
A. W. Massey (5669), 23 Mersey Road, Liverpool, 23.
R. V. Parrell (5670), 41 Whitemore Road, Guildford.
A. Edwards (5671), 27 Broomhill Gardens, West Hartlepool.
W. S. Hutchinson (5673), 14 Cedar Road, Newport, Mon.

Bradford.

W. S. HUTCHINSON (5672), 178 Priestley Terrace, Widsey, Bradford.
W. R. OWEN (5673), 14 Cedar Road, Newport, Mon. K. W. HARE (5674), 29 Winton Avenue, Leicester. E. G. BUL (5675), 72 Worting Road, Basingstoke.
B. R. TOWNSEND (5676), 125 Cannock Road, Stafford. F. D. HOSKINS (5677), Heatherdale, Meddins Lane, Kinver. A. BEATTIE (5678), 74 Tenters Street, Bury.
W. T. GIBBONS (5679), 84 Yoxall Road, Shirley, nr. Birmingham. H. Goldden (5681), 10 Dundale Road, Liverpool, 13.
W. R. MERRICKS (5682), Tissington House, Moor Lane, Bolsover. F. Manning (5683), 102 High Street, Gorleston, Norfolk. B. C. BLAKE (5684), 20 Geldeston Road, London, E.5.
J. HADAWAY (5685), 48 Pordnance Street, Chatham.
E. J. SUTTON (5686), 49 Park Drive, London, N. 21.
R. W. Swaby (5687), I South Terrace, Moorgate, Rotherham.
J. Rew (5688), 57 Totteridge Road, High Wycombe.
H. WALKER (5689), 24 Rossie Island Road, Montrose.
S. G. Muggeridge (5690), 33 Berwick Crescent, Sideup.
G. D. Elliot (5691), 87 Main Street, Strabane, N. Ireland.
F. PIERREPONT (5692), 11 Moreworth Road, Tunbridge Wells.

Barnsley.

R. S. Short (5693), 11 Mereworth Road, Tunbridge Wells.

H. J. Froggart (5694), 20 Terminus Terrace, Southampton.

B. W. Clack (5695), 12 Coronation Villas, Cranwell.

D. REID (5696), 3 East Park Road, Ayr.

W. D. Reid (5697), 4 Rose Terrace, Perth.
A. Bikker (5698), 8 Stammore Road, Birmingham, 16.
A. Johnson (5699), 11 Highfield Rise, Sheffield, 6.
G. F. C. Layzell (5700), 26 Newland Drive, Scunthorpe, Lines.
G. D. Gabe (5701), 3 Caswell Avenue, Mumbles, Swansea.
C. S. N. Barton (5702), 42 Barn Hill, Wembley Park.
Mrs. E. W. Abbort (5703), Tetworth, Everton, Sandy, Beds.
S. H. Feldman (5704), 13 Broadheld Place, Welwyn Garden City.
J. Eldbidgh (5705), 90 Salisbury Road, Welwyn Garden City.
J. Eldbidgh (5705), 25 Heathway, Northumberland Heath, Erith.
R. W. Gribble (5707), 16 Ruskin Road, Carshalton.
L. Howell (5708), 12 Nelson Road, Whitstable.
D. Strang (5709), 12 Ellenabeich, Easdale, via Oban.
S. R. Raspix (5710), 15 Tower Street, Gainsborough.
R. G. Comerie (5711), 2 Birch Avenue, Carlton, Nottingham.
P. C. Friend (5712), 6 Edward Road, Thorpe-le-Soken, Essex.
A. W. Joyce (5713), 16 Market Square, St. Neots.
H. D. Leach (5714), 382 Shaw Road, Oldham, Lanes.
H. R. Tunstall (5715), Tantallon, Old Road, Kelsall, Chester.
F. Parker (5716), 60 Highfield Crescent, Hebden Bridge.
S. A. Phipps (5717), 75 Aigburth Road, Liverpool, 17.
D. Blaker (5719), Newbridge, Maidenwells, nr. Pembroke.
D. J. B. Cox (5720), 333 Lichfield Road, Four Oaks, Warwicks.
C. Carter (5721), The Willows, Lincombe Lane, Boar's Hill Oxford.
S. R. Law (5722), 6 Turner Street, Northampton.

Oxford.

S. CARTER (5721), The Willows, Lincombe Lane, Boar's Hill Oxford.

S. B. Law (5722), 6 Turner Street, Northampton.
J. I. H. REES (5723), 35 Park Street, Newtown, Mont.
A. C. HAZZARD (5724), 23 Avondale Road, Gelli, Pentre, Rhondda.
D. Neal (5725), 42 Longfield Road, Chelmsford.
I. A. Brown (5726), 73 Broadwalk, London, E.18.
R. V. WATSON (5727), 48 High Street, Hoddesdon.
T. EVETTS (5728), 61 Bromwich Road, St. John's, Worcester,
A. HARRISON (5729), 39 School St., Farington, Leyland, Lanes,
A. Lewis (5730), 20 Herbert Road, Seven Kings, Essex.
D. BROWN (5731), 53 Park Road, Kirkcaldy, Fife.
A. KEELING (5732), 13 Rykneld Hill, Denby, nr. Derby,
A. JONSS (5733), 113 Purleigh Road, Rayleigh, Essex,
R. W. Tye (5734), 5 Mays Road, Teddington, Middlesex,
J. W. CONWAY (5735), 10 Teenadore Avenue, Marton, Blackpool,
J. G. WRIGHT (5736), Mapledene, Great Missenden, Bucks,
J. E. MERCER (5737), 201 Hale Road, Ditton, nr. Widnes,
F. TATTERSALL (5738), 12 Dalton Road, Rhodes, Manchester,
W. C. HORNE (5739), 98 Northwold Road, London, E.5.
E. G. JONES (5740), Nantllechan House, High Street, Blaenavon,
Mon.

W. E. G. Jo. Mon. B

D. R. BANWELL (5741), 53 North End Avenue, North End. Portsmouth

R. G. BONNER (5742), Bank House, Enfield Wash, Middlesex.

Dominion and Foreign

Dominion and Foreign
P./O. J. H. HARRIS (VE10O), R.A.F.
J. A. G. MILKE (VS1AO), c/o Cable & Wireless, Mombasa, Kenya.
K. R. RAULINS (W1AJY), Electronics Tng. Gp., U.S. Army.
D. JONES (W9MSI), Civilian Technical Corps.
G. FOX (VE3DG), 39 Monmouth Road, Hayes, Middlesex.
B. H. J. UNDERWOOD (BERS507), R.C.A.F.
Sgt. J. W. F. HOLDEN (BERS508), R.N.ZA.F.
L. C. COX (BERS509), 149 Essex Road, Leyton.
L. MURRAY (BERS510), c/o 169 Cavehill Road, Belfast.
W. I. CASKIE (BERS511), 28 Fairleigh Avenue, Mount Albert,
S.W.2, Auckland, New Zealand.
J. R. SANDISON (FRS61), Civilian Technical Corps.

Associate

D. BRABNER (Junior), 3 Union Place, Cupar, Fife.

EDITORIAL—(Continued from page 81)

page 93)

At the present time the Services are placing great emphasis on maths, and judging by the interest shown at a recent London meeting, when Mr. Theakston spoke for nearly two hours on the subject, it would appear that members generally are anxious to improve their knowledge.

To the best of our ability materials.

improve their knowledge.

To the best of our ability we shall continue to provide as varied a fare as possible, bearing in mind always, that the primary purpose of The BULLETIN is to keep members informed of technical progress. Present circumstances prevent us from publishing details of many important developments, but readers may rest assured that when the time comes we shall make up the leeway as quickly as possible.

J. C.

BRITISH ISLES NOTES AND NEWS—(Continued from.

DISTRICT 17 (Mid East)

Dr. A. Gee (G2UK), " Stonehaven," Horncastle Road,

D.R.: Dr. A. Gee (G2UK), "Stonehaven," Horncastle Road, Boston, Lines.

The D.R. sends Christmas and New Year Greetings to all District 17 members. He wishes to thank those who have made possible the regular appearance of these notes during the past year and asks for their continued support during 1943.

Boston.—2BQC reports receiving an airgraph from T. Smith, 2HBN, and mentions that 4AD of Leeds is now out of hospital. A letter from 2BUV suggests that there are distinct possibilities—in some directions anyway—in his new QRA! He is a model aircraft enthusiast and like 6LH has managed to get some of his models flying well. He sends 73 to all the old Boston gang.

Grimsby.—Sgt. Stimpson, R.M. 4657, who has left Wales for a QRA nearer home met 3ZG of Cleethorpes recently through the

R.S.G.B. sticker on the latter's car. He is busy swatting maths and finds the "Supplement" very useful. Skegness.—E. Wilkinson, 4390, overhauled his receiver and

put the shack in order during a recent period of leave.

DISTRICT 18 (East Yorkshire)

District Scribe.: S. Davison (G6SO), 10 Sidney Street, Searborough.

Hull.—GSUL reports that true to ham tradition all local members are up to the eyes in their respective spheres of National Service. Although no actual reports have been received we note Service. Although no actual respective spheres of National that several old-timers have rejoined the Society in recent months including G5BP and G6FQ, all of whom are heartily welcomed back to the fold. Congras to 4043 (R.A.F.) on passing his exams.; he is now stationed in District 1. 2HAD who was recently home on embarkation leave is serving in the R.A.M.C. Others on leave have included 2BRY, 2ARP, now a Flight-Sergeant, and 4530, who has been promoted to A.C.1. The latter is combining instructing with radio maintenance work. 3PL has received several letters from 4590 now with the R.W.A.F.F. somewhere in ZD.

Scarborough.—2DDA (R.A.F.)

Scarborough.—2DDA (R.A.F.), who has been posted to an O.T.U. in Scotland spent a short leave in the town recently and visited 6880. He is on the lookout for G6TG also known to be

visited G6SO. He is on the lookout for G6TG also known to be in GM.
Will all members who have joined the Society since the outbreak of war, and also former members who have rejoined, please forward their home address and call sign or B.R.S. number to G8UL (acting T.R. for Hull and District), 48 Sunny Bank, telephone 1980S, or to G6SO? Local records are far from complete. An appeal is also made to all members near and far for regular notes and news to keep District 18 on the map. We are improving but we can do better.

Best wishes to all for Christmas and the New Year, especially

Best wishes to all for Christmas and the New Year, especially to those in DX parts of the World.

G6SO.

DISTRICT 19 (Northern)

D.R.: R. J. Bradley, G2FO, 36 Raby Road, Stockton-on-Tees.

BRS4805, now a Radio Instructor, is very interested in the development of communication receivers and would be pleased development of communication receivers and would be pleased to hear from other members interested in the subject. 4679 has discovered that every time he strokes the cat he gets R7 static in the 14 Mc. Band and suggests that the G.P.O. should impound all cats before some enterprising ham puts half a dozen in series and goes on the air! BRS44 (ex G64C), has been Signals and Radio Instructor in the A.T.C. for thepast18 months and spends

his spare time building gear.

The D.R. takes this opportunity to wish Merry Xmas and Happy New Year to all District Members at home and abroad.

Scotland

Scottish Records Officer: J. Hunter (GM6ZV), 51 Campbill Avenue, Glasgow, S.1. Langside 237.

"A" District.—At the November mid-monthly meeting Mr. D. Macadie, GM6MD, gave a much appreciated talk on his experiences in starting up as an amateur. We welcome back to Glasgow 8MJ who has been in the south for some years. 5KF has

been on leave.
"C" District.—The D.O. GM3IX, has completed the task of

been on leave,

"C" District.—The D.O. GM31X, has completed the task of sending out circulars to 40-odd district members regarding future meetings, but it is too early yet to know the response. Will any member who has not received one of these circulars, please advise GM31X—T. Reay, 52 Nesbitt Street, Dundee? This also applies to members who may be serving in the District. Lt.-Col. R. H. B. Candow, GM58C, is in hospital following an operation. He is progressing favourably, but several weeks of convalescence will be necessary before he can resume his duties. We wish him a speedy recovery, 31X reports having had a personal Q8O with 2BLJ—now Lt. (Electrician), R.N.V.R.

"H" District.—News this month is scarce, but 5319, a telegraphist in the Royal Navy, mentions in a letter that his main interest is in the 28 Mc. Band. 5320, an R.A.F. sergeant and quite a nomad, reports contacts with GM4JO. 5YX, G2MY, 4BJ, 4LX, 6AZ, 6YR and GW8JY. He wishes to be remembered to GM3DD and 8KQ. 2DBX has recently had a busy time in the Signals Section of the Home Guard. 3ND is now in North Africa, and we look forward to hearing from him when duties permit. 2NQ reports meeting GM6JJ, 4AX, 2HBR and also having a contact by telephone with the District's old friend—GM6SR, 4AN is to be congratuated on his excellent assistance towards the P.O.W. Fund. The D.O. sends Christmas Greetings and Best Wishes for a very Bright New Year, and the best of luck to all "H" members wherever they may be.

Northern Ireland

Northern Ireland

D.R.: J. N. Smith (GI5QX), 19 Hawthornden Drive, Belmont, Belfast, Belfast 63323.

(Editor's Note.—This report was posted on October 22 but was held up, presumably by the censor, until November 10.)

G3RS back in Belfast, looked in on the D.R. who thoroughly enjoyed his spicy scafaring tales of adventure. As he will be here for some time, he hopes to look up many old friends.

Two new calls recently recorded in the G16YM register were W6TFC and W2BCU—both very welcome guests. VE5ZM now in Derry intends to do the rounds before he leaves N.I. 2DDI is in Canada, G15UW has moved to Enniskillen.

There are several new members to the District and to them we extend a very hearty welcome.

Twenty-six members of R.S.G.B. attended a joint meeting of the American Overseas Amateur Radio Group, and the Y.M.C.A. Club, on November 4th. The call rota was G2FS, 3PA, 3RF, 5ZB 6BR, 8TJ, 2BFC, 2CIL, G13KN, 3IA, 5OY, 5SJ, 5QX, 5HU, 6HI, 6YW, 6TK, 8GK, 2HCC, 2CHJ, 2CIZ, 2DTM, BRS3883, 5034, 4020, 4196, W3FBC, 5FTW, 5HKH, 6FZ, 6LD. The D.R. welcomed the newly formed O.A.R.G. on behalf of R.S.G.B., and wished them the best of good luck. He marked the occasion by presenting a cloth bound R.S.G.B. Handbook to their chairman John Grutzius (W6FZ). Two further copies allocated by ballot were given to G. Simpson (W6NEW), and F. B. Frank (W5HKH).

G8VK writing via G15HU asks that his thanks be conveyed to all who made his stay in GI so enjoyable. 4704 in a letter to the D.R. asks for news of 2FJS, and ZL1LI. His Canadian address can be had on application. STJ visited the D.R. and has been to the club. ZL1GX, W9VWF and BRS4895, are welcome visitors to GI. 2FHN who is in China, asks for books, his QRA can be had from GI6TK.

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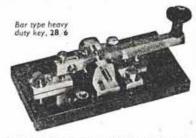
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