

THE RINGING WORLD

No. 615. Vol. XVII.

FRIDAY, DECEMBER 29th, 1922.

[Registered at the G.P.O. for transmission as a newspaper.]

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**BELLS,
CARILLONS,
CLOCKS.**

A TIME FOR GOOD RESOLUTIONS.

Before the next issue of 'The Ringing World' is in the hands of our readers, 1922 will have been relegated to the past, and we shall have entered upon another year. In the twelve months that are just closing there has been, one feels, some very satisfactory progress in ringing affairs, and the Exercise appears to have got well upon its legs again after the set-back of the war. If peal ringing be any criterion, and it is, at any rate, one of the standards by which we may judge, the art is in a thoroughly healthy state. In the year 1921 a total of 1632 peals was rung, up to our issue of Dec. 22nd last we had recorded approximately 1770 peals rung in 1922, so that while there are still to chronicle the performances of another fortnight, including the always busy period of the Christmas festival, the peal total has already beaten last year's by nearly 150, among which several new methods appear. Moreover, except for the two extraordinary peal ringing years of 1912 and 1913, when 2329 and 2359 peals respectively were rung, the total for 1922 will be the best on record. Peals are an indication of ringers' enthusiasm, and increased peal ringing can be taken as an index of growing keenness in the art. To this extent, at least, the year's results are eminently good.

But what of the future? The signs are encouraging, but progress cannot be maintained without work, and the opportunities which are presented to our ringing organisations are great. There are ideals at which all ought to aim, ideals beyond the gathering in of subscriptions (necessary as these are) and the piling up of peal points. There is, for instance, the scope which is offered in the practical encouragement which can be given to struggling bands; there is the need of using every endeavour to get dilapidated bells restored, and where the opportunity presents itself, of putting in a word for augmentation; there is the all-important work of opening-up towers, where the bells are practically silent, and the sometimes difficult, but nevertheless invaluable work of introducing method-ringing into belfries where at present the ringers are content with call changes. In all these directions there is ample opportunity for a forward movement among the Associations, and the more that can be done in this way the greater will be the service which our art can render to the Church.

We should like to see during the year that is coming real efforts made in the ringing organisations to carry out a campaign which should have for its ultimate object the restoration of all the peals of bells in need of attention; the encouragement and assistance of bands so that in every

(Continued on page 813.)

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belfry scientific changering shall be customary for the Sunday services, and the building up of a practice whereby one association peal at least should be rung every year in every tower. Anything that is done in this direction at present is largely spasmodic or adventitious. A general plan universally adopted may seem a scheme too large to be shouldered, but a long view and bold action would pay in ringing matters, just as much as in other affairs of life, and now is an appropriate time to make good resolutions.

TWELVE BELL PEAL.

LONDON.

THE ANCIENT SOCIETY OF COLLEGE YOUTHS.

On Saturday, Dec. 16, 1922, in Three Hours and Forty-five Minutes,

AT THE CHURCH OF ST. MICHAEL, CORNHILL,

A PEAL OF STEDMAN CINQUES, 5007 CHANGES;

Tenor 41 cwt.

THOMAS LANGDON Treble	HENRY G. MILES 7
HARRY R. PASMORE 2	FREDERICK G. NEWMAN 8
CHALLIS F. WINNEY 3	ALFRED B. PECK 9
RICHARD T. HIBBERT 4	REV. C. W. O. JENKYN 10
HERBERT LANGDON 5	WILLIAM T. COCKERILL 11
WILLIAM E. GARRARD 6	WILLIAM HIBBERT Tenor

Composed by C. H. HATTERSLEY. Conducted by H. R. PASMORE.

TEN BELL PEAL.

BRISTOL.

THE GLOUCESTER AND BRISTOL DIOCESAN ASSOCIATION.

(St. STEPHEN'S GUILD.)

On Tuesday, Dec. 19, 1922, in Three Hours and Twelve Minutes,

AT THE CHURCH OF ST. STEPHEN THE MARTYR,

A PEAL OF CLIFTON SURPRISE ROYAL, 5040 CHANGES;

Tenor 21 cwt. in E flat.

EDWIN J. BROWN Treble	WILLIAM H. THOMAS 6
* EDGAR GUISE 2	WILLIAM KNIGHT 7
* ALFRED E. REEVES 3	HENRY PRING 8
EDWIN J. RIDLER 4	JOHN A. BURFORD 9
RICHARD CLARK 5	WILLIAM A. CAVE Tenor

Composed by HENRY DAINS. Conducted by WILLIAM A. CAVE.

* First peal in the method. Rung as a birthday compliment to A. E. Reeves, J. A. Burford and G. Condict, jun.

EIGHT BELL PEALS.

DARLINGTON, DURHAM.

THE CLEVELAND AND NORTH YORKSHIRE ASSOCIATION

On Saturday, Dec. 16, 1922, in Three Hours and Nine Minutes,

AT THE CHURCH OF ST. JOHN,

A PEAL OF KENT TREBLE BOB MAJOR, 5120 CHANGES;

Tenor 10 cwt.

H. TAYLOR Treble	W. BROADLEY 5
A. COATES 2	A. HUNTER 6
* W. COOKE 3	H. BROADLEY 7
F. W. JOHNSTONE 4	R. B. ROBINSON Tenor

Composed by J. FLEMING. Conducted by R. B. ROBINSON.

* First peal and elected a member of the association before starting. Rung on the 23rd anniversary of the marriage of A. Coates.

HELMINGHAM, SUFFOLK.

THE NORWICH, ST. EDMUNDSBURY AND IPSWICH ASSOCIATION.

On Saturday, Dec. 16, 1922, in Three Hours and Nine Minutes,

AT THE CHURCH OF ST. MARY,

A PEAL OF ERIN TRIPLES, 5040 CHANGES;

Tenor 19½ cwt.

GEORGE WHITING Treble	ERNEST E. LANHAM 5
GEORGE BENNETT 2	LESLIE C. WIGHTMAN 6
GEORGE PRYKE 3	WILLIAM T. LAST 7
WILLIAM C. RUMSEY 4	WILLIAM LAST Tenor

Composed by G. LINDOFF. Conducted by W. T. LAST.

First peal in the method by all the band; also the first in the method for the above association.

LAVENHAM, SUFFOLK.

THE ST. EDMUNDSBURY AND IPSWICH DIOCESAN ASSOCIATION.

On Saturday, Dec. 16, 1922, in Three Hours and Twenty-Three Minutes,
At the Church of SS. Peter and Paul,

A PEAL OF KENT TREBLE BOB MAJOR, 5088 CHANGES;

FRANK TURNER Treble	ARTHUR SYMONDS 5
FREDERICK MORTLOCK 2	STEDMAN H. SYMONDS 6
KEITH WHITTELL 3	FREDERICK A. POULSON 7
HARRY D. LISTER 4	WM. R. JOHN POULSON Tenor

Composed by N. J. PITSTOW. Conducted by S. H. SYMONDS.

This is the first peal in the method by the first four ringers. The ringers of 3rd and 4th hail from Bileston, Suffolk.

DUBLIN.

THE IRISH ASSOCIATION.

On Saturday, Dec. 16, 1922, in Three Hours and Six Minutes,
At St. Patrick's Cathedral,

A PEAL OF GRANDSIRE TRIPLES, 5040 CHANGES;

Tenor 19 cwt.

WILLIAM GIBSON Treble	JOHN CHERRY 5
*THOMAS McMORRIN 2	GABRIEL LINDOFF 6
RICHARD LYNCH 3	GEORGE WILMOT 7
*WILLIAM WILSON 4	WILLIAM E. LYNCH Tenor

Composed and Conducted by G. LINDOFF.

* First peal.

HORLEY, SURREY.

THE SURREY ASSOCIATION.

On Sunday, Dec. 17, 1922, in Two Hours and Forty-Six Minutes,
At the Church of St. Bartholomew,

A PEAL OF KENT TREBLE BOB MAJOR, 5088 CHANGES;

Tenor 12½ cwt.

ALFRED J. BULL Treble	WILLIAM T. BEESON 5
GEORGE ELLIS 2	HARRY PARKES 6
FREDERICK W. RICE 3	ALBERT ELLIS 7
CHARLES H. KIPPIN 4	OLIVER SIPPETTS Tenor

Composed by W. SOTTANSTALL. Conducted by O. SIPPETTS.

Rung as a birthday compliment to the ringer of the 3rd.

DRIGHLINGTON, YORKS.

THE YORKSHIRE ASSOCIATION.

On Sunday, Dec. 17, 1922, in Three Hours and Six Minutes,
At the Church of St. Paul,

A PEAL OF GRANDSIRE TRIPLES, 5040 CHANGES;

PARKER'S SIX-PART.

Tenor 15 cwt.

CHARLES LAWSON Treble	SIDNEY BARRON 5
JOSEPH BROADLEY 2	FIRTH HOPWOOD 6
JOHN PALFRAMAN 3	FRANCIS BARKER 7
WILLIAM E. H. ASH 4	HENRY SMITH Tenor

Conducted by FRANCIS BARKER.

LONG EATON, DERBYSHIRE.

THE MIDLAND COUNTIES ASSOCIATION.

On Monday, Dec. 18, 1922, in Two Hours and Fifty-Three Minutes,
At the Church of St. Laurence,

A PEAL OF KENT TREBLE BOB MAJOR, 5024 CHANGES;

Tenor 10½ cwt.

ALLAN R. HICKTON Treble	CHARLES GEARY 5
*JOHN ANDREWS 2	JOSEPH BAILEY 6
EDWARD C. CHASTY 3	CECIL J. BAKER 7
EDWARD C. GOBBY 4	RICHARD DRAGE Tenor

Composed and Conducted by E. C. GOBBY.

* First peal in the method. Rung as a birthday compliment to Messrs. E. C. Chasty and J. Harrison, both members of the Long Eaton band.

LOUGHBOROUGH.

THE MIDLAND COUNTIES ASSOCIATION.

On Wednesday, Dec. 20, 1922, in Two Hours and Forty-Two Minutes,
At the Bell Foundry Campanile,

A PEAL OF KENT TREBLE BOB MAJOR, 5088 CHANGES;

Tenor 6½ cwt.

WILLIAM THORLEY Treble	G. STEDMAN MORRIS 5
HARRY WHITTLE 2	WALTER P. WHITEHEAD 6
JOHN SADDINGTON 3	ERNEST MORRIS 7
EDWARD WHITEHEAD 4	WILLIAM SMITH Tenor

Composed by ARTHUR CRAVEN.

Conducted by ERNEST MORRIS.

Specially arranged as a compliment to the ringers of the 5th and 6th on their 15th birthday.

FARNHAM, SURREY.

THE WINCHESTER DIOCESAN GUILD.

On Saturday, Dec. 23, 1922, in Three Hours and Fifteen Minutes,
At the Church of St. Andrew,

A PEAL OF GRANDSIRE TRIPLES, 5040 CHANGES;

GROVES' VARIATION OF PARKER'S TWELVE-PART. Tenor 20½ cwt.

*HENRY PRIOR Treble	RICHARD HASTED, SEN. 5
GEORGE UPSHALL 2	GEORGE TOMSETT 6
MRS. HAZLEDEN 3	CHARLES HAZLEDEN 7
THOMAS UPSHALL 4	GEORGE PETTER Tenor

Conducted by CHARLES HAZLEDEN.

* First peal. The ringers of 3, 6, 7 and tenor hail from Guildford. The rest belong to the local band.

SIX AND FIVE BELL PEALS.

HOLMER, HEREFORDSHIRE.

THE HEREFORD DIOCESAN GUILD.

(HEREFORD DISTRICT.)

On Tuesday, Dec. 5, 1922, in Two Hours and Fifty-Eight Minutes,
At the Parish Church,

A PEAL OF GRANDSIRE DOUBLES, 5040 CHANGES;

Being forty-two 120's, 10 different callings. Tenor 11 cwt.

*ALBERT DOWNES Treble	WILLIAM DOWNES 3
*EDWIN EVERATT 2	FRANK DOWNES 4
HENRY J. TAYLOR Tenor	

Conducted by H. J. TAYLOR.

* First peal. † First peal with a bob bell.

ABBOTS LANGLEY, HERTFORDSHIRE.

THE HERTFORD COUNTY ASSOCIATION.

On Monday, Dec. 11, 1922, in Two Hours and Fifty Minutes,
At the Church of St. Lawrence,

A PEAL OF BOB MINOR, 5040 CHANGES;

Tenor 13 cwt.

*HAROLD ROBINS Treble	*CYRIL C. RIDGEWAY 4
†LOUIS A. WALKER 2	REGINALD S. COOK 5
ALBERT E. WEEDEN 3	WALTER AYRE Tenor

Conducted by WALTER AYRE.

* First peal and first attempt: both are members of the local company. † First peal of Minor and first attempt.

BUCKLAND, SURREY.

THE SURREY ASSOCIATION.

On Thursday, Dec. 14, 1922, in Two Hours and Twenty-Three Minutes,
At the Church of St. Mary,

A PEAL OF MINOR, 5040 CHANGES;

Being 720 of Oxford Bob and two each of Plain Bob, Kent and Oxford Treble Bob. Tenor 8½ cwt.

GEORGE F. PEARCE Treble	WILLIAM T. BEESON 4
ALFRED J. BULL 2	GEORGE ELLIS 5
HUGH R. THORPE 3	OLIVER SIPPETTS Tenor

Conducted by OLIVER SIPPETTS.

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IPSWICH.

WIDFORD, HERTS.

THE HERTFORD COUNTY ASSOCIATION.

On Saturday, Dec. 16, 1922, in Two Hours and Fifty Minutes.

At the Church of St. John the Baptist,

A PEAL OF MINOR, 5040 CHANGES;

Being 720 each of Woodbine, Oxford Delight, Kent & Oxford Treble Bob, Double Oxford, Oxford Bob and Plain Bob. Tenor 9½ cwt.

*WILLIAM WILLIAMS... ..Treble	GEORGE H. BARKER 4
HENRY WALLACE 2	NATHAN PATMORE 5
ERNEST A. OVERALL... .. 3	WILLIAM H. LAWRENCE ...Tenor

Conducted by WILLIAM H. LAWRENCE.

First peal. First peal on the bells.

SOOTHORNE, Lincs.

THE LINCOLN DIOCESAN GUILD.

(NORTHERN BRANCH.)

On Saturday, Dec. 16, 1922, in Three Hours and Four Minutes.

At the Church of St. Germain,

A PEAL OF KENT TREBLE BOB MINOR, 5040 CHANGES;

Tenor 11 cwt.

WILLIAM CREASYTreble	*GEORGE JACKSON 4
CHARLES CADE 2	N. ROUND-TURNER 5
*MISS D. MOTTRAM 3	SIMON CADETenor

Conducted by S. CADE.

* First peal. First peal by all in the method.

NEWCHURCH, LANCs.

THE LANCASHIRE ASSOCIATION.

(BELTON BRANCH.)

On Saturday, Dec. 16, 1922, in Two Hours and Fifty-Eight Minutes.

At the Parish Church,

A PEAL OF MINOR, 6040 CHANGES;

Being 720 each of Double Court, College Single, Plain Bob, Double Oxford, Woodbine, Oxford and Kent Treble Bob.

*FRANK REYNOLDSTreble	WILLIAM HAMPSON 4
GEORGE POWNALL 2	JOHN GATES 5
WILLIAM GOULD 3	JOSEPH LEATHERBARROW ...Tenor

Conducted by J. LEATHERBARROW.

* First peal. First peal in seven methods by all the band, who belong to the local company.

BRAMPTON, SUFFOLK.

THE NORWICH, ST. EDMUNDSBURY AND IPSWICH ASSOCIATION

On Saturday, Dec. 16, 1922, in Two Hours and Forty-Five Minutes.

At the Church of St. Peter,

A PEAL OF DOUBLES, 5040 CHANGES;

In four methods. Being 10 six-scores each of Stedman, Old Doubles and Bob Doubles, and 12 of Grandsire.

WILLIAM MYALLTreble	*JACK FORD 3
*PERCY SELF 2	*FRANK FORD 4
JOHN LARTERTenor	

Conducted by J. LARTER.

* First peal.

MATHON, HEREFORDSHIRE.

THE HEREFORD DIOCESAN GUILD.

On Tuesday, Dec. 19, 1922, in Two Hours and Forty-Four Minutes.

At the Church of St. John the Baptist,

A PEAL OF MINOR, 5040 CHANGES;

Being 720 each of Double Oxford, Woodbine, Oxford and Kent Treble Bob, College Single, Oxford Bob and Plain Bob. Tenor 8 cwt.

CHRIS. BOWERSTreble	WILLIAM RANFORD 4
ARCH. MORRIS 2	E. WILLIAM TURNER 5
DAVID HORNE 3	GEORGE JORDANTenor

Conducted by E. W. TURNER.

The first 720 in each of the first two methods by the ringer of the 2nd. Rung as a compliment to the tenor ringer on his 50th birthday.

WARWICK.—At the Church of St. Mary, on Thursday, Dec. 7th, in 50 minutes, a quarter-peal of Grandsire Triples: F. Ashbourne 1, W. Mabe 2, T. Mabe 3, W. Collett 4, H. Palmer 5, A. J. Hobbs 6, E. H. Adams (conductor) 7, C. Shaw 8. First quarter of Triples by ringers of treble, 5th and tenor.

THE CONSTRUCTION AND EXTENSION OF BRISTOL.

Below is given the concluding article by Mr. A. York Bramble on the extension of Bristol Surprise; the third article having been printed in our issue of August 25th, page 539.

We have now to deal with the three considerations outlined at the close of our third instalment. First, let us see what is the actual significance of our reference to the 'middle dodging position of the treble.' We have already noted that in any double method there is a vertical division in the change block between the fore and after parts of the work. Now it is clear that when a Treble Bob method is expressed on a number which divides into two 'odd' halves (e.g., Royal—into 5 and 5), this vertical dividing line will pass through a dodging position of the treble (e.g., in Royal, the 5-6 position). Now, in the case of any double Treble Bob method in which the fore or after work does not extend beyond the vertical dividing line (e.g., as is shown to be the case in Bristol), it is obvious that no part of the fore or after work could possibly extend into this mid-dodging position; because, in so dodging, the bells would be crossing and re-crossing the dividing line (even if only by one place). Hence it is that when a double Treble Bob method, expressed on a number which is divisible into two even halves, is extended to any number which divides into two odd halves, there is introduced, into the half change-block of such an extension, a 'section,' the character of which is not found in the original; that is to say, a section in which the treble is dodging in the middle of the 'blocks.' Furthermore, the 'design' of this additional section will be as simple as possible, and will not, of necessity, contain any of the special features of the original method. Indeed, in the case of Royal Double Treble Bob methods the character of this supplementary section is almost constant; because, since the bells in 5-6 are dodging together for four changes, there must be a place made among the others in the second and third changes of this section, in order to avoid a repetition of rows; and since we are treating of double methods; any such place must be made on both sides of this mid-treble-dodge; the usual form of this section thus being:—

```

a b c d T e f g h i
b a d c o T g f i h
a b d c T e g f h i
b a d c o T f g i h

```

Indeed, this form is unavoidable if places are made at the contiguous section-partings. It will now be realised that such arguments as, 'But there were no adjacent places made in the original,' are futile; indeed otherwise it might as well be argued that there should be no mid-treble-dodge in the Royal of a Treble Bob method, because it is not found in the Major! No, in all cases such as above described, this mid-treble-dodge section fulfils the function of a connecting link in the change-block; and that alone.

Let us now take the second consideration—that of noting some of the facts of inter-relationship in the design of the Bristol change-block. We have, of course, already determined the principles of construction of this change-block; but these facts of inter-relationship are the inevitable outcome of the employment of those principles; and they will, therefore, appear in the Bristol method on any number. The following, then, are some of the more important facts which will be observed:—

- The bell taking off the treble at the head of the change-block, will lead when the treble lies behind; and will be taken off lead by the treble, at the end of the change-block.
- This same bell will also be found leading when the treble strikes (a) its first two blows in the after-part of the block on the way up, and (b) its last two blows ditto on the way down.
- The bell which is behind at the lead-head will be turned from behind by the Treble.
- The bell which turns the bell from behind at the lead-head will make the place behind at the lead-end.
- The bell which is being coursed down by the bell-behind-at-the-lead-head always makes the very first (or inner) 'whole-turn' which is to be found in the after-part of the change-block.
- The 'odd' places which occur at the junction of the quarter-blocks are always equidistant from the vertical block-divider.
- In the first half-block these same place-making bells will always be 'odd' bells; while in the last half-block they will always be 'even.' (This applies only to the first change-block of the plain course in any extension.)
- The last row of any half-block in Bristol will show the bells to be in the same order (except for the altered position of the Treble), as that of the first row, of the same half-block.

Now the foregoing facts do not comprise an exhaustive list of the facts of inter-relationship of the essential features of the design of the Bristol change-block; but they will suffice to illustrate the truth that in following out the principles of construction of the method (as determined in the previous section), these relationships will arise inevitably in the correct extensions on any number. So that while they, in themselves, may or may not be sufficient to determine the Bristol

THE WAY TO SURPRISE RINGING.

HINTS FROM PRACTICAL CORRESPONDENTS.

To the Editor.

Sir,—The Ringing World, in its leading article, has often urged ringers to take up the more advanced methods, but there appear to be difficulties. 'Willing to Learn' has greater difficulties than the average ringer, if no members of the tower can ring a Surprise method. Let us, therefore, for a moment stop to consider what are the particular obstacles which prevent a man, who has a fair knowledge of the easier methods, proceeding straightway to Superlative, Cambridge and London.

Why are so many ringers content to stay at Double Norwich? Is it apathy? Is the jump to Superlative too great? Lack of enthusiasm is doubtless operative in a number of cases, but the troubles of aspirants to Surprise honours seem to range themselves into three groups: (1) Opportunity; (2) ropesight, with which may be classed the course-bell fetish; (3) memorising of the method.

I have been told by those who ought to know that the opportunity of getting a course of Surprise is much greater now than it was twenty years ago. Certainly, a ringer in the Metropolitan area, at least, should find no difficulty on the score of lack of opportunity. It is probably a different story in many rural districts, so that this point is a material one in many cases.

I have never seen 'ropesight' defined (although doubtless it has been). I should call it the ability to tell at any time, without actually counting them, how many ropes have gone up or down. With knowledge of the coursing order a ringer need not be troubled a great deal in Double Norwich by the question of ropesight. The bells come to him regularly enough (I exclude the treble). But not so in Surprise—perhaps that is where he gets fogged.

And yet there are several obvious arguments against this. It is not uncommon to find men who pilot their bells through Stedman Caters, even Cinques with ease, but who would be hopelessly at sea in a Surprise method. The coursing order in Stedman is certainly there, but it is by no means obvious, and it is questionable whether anyone notices it in order to find his way about. Of course, the continuous dodging has a steadying effect, and undoubtedly simplifies the method.

Another case in point is that of the treble in Double Norwich. Where are you, then, without ropesight? The bells certainly appear to come up in a more difficult order than they do on an inside bell in, say, Superlative.

It is when your course bell disappears temporarily that ropesight comes into its own. Young ringers have it drummed into them that they must follow their course bell, and they become accustomed, not only to using it as an aid, but to leaning on it as on a prop, with the result that when the prop is taken away they are hopelessly at sea. We see the effect of this in Major methods, when the tenors are parted, or when a bob at M is called towards the end of a peal, when it has been taken for granted that the 6th was at home until the end. To go a step further, it would probably take quite a fair Cambridge Major band to ring at the first attempt that touch with a bob at each lead.

However, the main difficulty rests, I think, in the ability to memorise the method, and what is equally important, to recall it at will. It is, therefore, necessary to arrive at the simplest and best means of doing so. A Surprise method is, I think, ordinarily mastered by learning, dodge by dodge and place by place, the work of one bell through a plain course. This is not always a simple matter, but is fairly satisfactory provided it doesn't resolve itself into a meaningless abracadabra liable to slip the memory at any moment. We all know the story of the man who went to market muttering, lest he should forget the names of the purchases he intended making: Nutmeg, ginger, cinnamon and maize. And we know, too, the mess he got into. It seems just as easy to say '4th's, 6, 5, 6, 3rd's,' as it is to say '3rd's, 6, 5, 6, 4th's.' Of course, the practised ringer has hints to guide him, but we are not dealing with him at the moment.

Instead of this (or, if you prefer it, in addition), it is always practicable to devise a kind of reasoned formula which is less liable to fail than the other. It is essential, in the first place, to split the plain course up into blocks and memorise them. It then only remains to connect them up, taking care that the connecting link is a true index of the work that is to follow. Take Superlative as an example: there are three blocks:—

1. Work with the treble in front or behind, called 'treble work.'
 2. Place-making in 3-4 or 5-6, called 'odd place first (or last),' as the case may be.
 3. Work before or behind without the treble—'five pull dodge.'
- Having done this, make yourself a few rules, thus:—
- (a) Starting with the work of the 2nd, mentally connect treble always with a single dodge, and vice versa.
 - (b) Employ symmetry. Balance the single dodge in 3-4 up, with the odd place last; or, if you don't dodge going up, odd place first balances the dodge in 3-4 down after the place-making.
 - (c) No single dodge going to or coming from 5-pull dodge.

These suffice for the whole method. Translating them into the work of the 2nd, we get: Treble work, single dodge, odd place last, no single dodge, 5-pull dodge (before and behind), no single dodge, odd place first, single dodge, treble work, and so on.

As a general hint, it may be observed that a bell never dodges with the two bells farthest removed from it in coursing order, except at the dodge immediately before the odd place first, or immediately after the odd place last, when it always does so with one or the other; e.g., in the plain course, the 2nd never dodges with the 7th or tenor except as stated. A glance at the diagram will make this quite clear.

Similar expedients may be adopted with other Surprise methods. For myself, I can say I never attempt to learn a method without some such formula. It may sound complicated, but believe me, it is, if anything, the reverse.

H. P. JAMES.

ADVANTAGE OF STANDARD SURPRISE METHODS.

Dear Sir,—If the company that 'Willing to Learn' is a member of can ring Stedman and Double Norwich, they should have no difficulty in adding to their list both Cambridge and Superlative. Certainly these are to be preferred, from the point of view, that in most towers where Surprise ringing is the vogue, these methods are among those usually rung, which gives additional opportunities to a young band to get occasional touches when visiting other towers, whereas should they adopt, let us say, Peterborough Surprise, these extra practices would be lost. I doubt if any company are practising the method, even it were so, they are isolated cases only. No, get on with the four standard Surprise methods. When these are accomplished, you will have no need to ask how to ring any Surprise method, they would surely follow if there is still enough ambition left in the company.

Perhaps, the following would help the company in ringing Cambridge. All Cambridge places are Double Norwich places, i.e., far places, and near places connected with a dodge with the treble in between. Now commence ringing Treble Bob, and ring Treble Bob until you strike over the treble, or the treble strikes over you. Should this happen before a dodge, omit that dodge, and the one in the next position also, unless the treble strikes over you in 6-7 for Major, 8-9 Royal, 10-11 Maximus, then omit that dodge, but do one extra dodge behind. Inversely, should you strike over the treble in 7-6 for Major, do an extra dodge behind, and omit the 5-6; but should the treble strike over you, or you over the treble after dodging, then stop and make places. When the set of places are completed carry on with Treble Bob. Now study your diagram.—Yours truly,

CAMBRIDGITTIS.

CAMBRIDGE BEFORE SUPERLATIVE.

Dear Sir,—I read with much interest the letter from 'Willing to Learn,' also your editorial comments. I quite sympathise with those answers, and proceed to Surprise methods. I have had to travel far and wide in my time to get the same, and by sheer perseverance managed to rub along. Of course, it is most necessary to study the method first, either in written explanation or figures, or both, if possible. (Snowdon's standard methods and Earle Bulwer's Glossary being useful books to possess.) Let each aspirant study the path of a working bell through a course, viz., the 2nd, and also note the corresponding position of the other working bells, and, having got the idea clearly fixed in the mind, proceed to write out a lead or two without looking at books or figures; and after that, not before, go to a tower when possible, to try and put your study into practice (too much time is often wasted in the towers in references which could well be done at home or elsewhere). I should preferably recommend Cambridge to start with rather than Superlative, one of the many reasons being that there are no 'odd' places to bother about in the former as in the latter. Other reasons seem evident, which I might quote by drawing out this epistle to an inordinate length, but I forbear. The writer will be still further interested if this topic is debated by other correspondents.

W. E. PITMAN.

WHAT WAS DONE AT WORCESTER.

Dear Sir,—I have read with very mixed feelings the letter of 'Willing to Learn.' If he is the leader of the band it is mostly of pity, and it is really a wonder his company have rung the four methods he mentions. I think a band with four methods to their credit should not want to ask such questions as he asked. I would like to ask 'Willing to Learn' if he has ever heard of or seen a book called 'Standard Methods'? If not, I would suggest that he at once sends 2s. 10d. to Mrs. Laura Snowdon, Carlisle, Lancashire, for a copy. In that he will find much that will be helpful up to and including London.

'Willing to Learn' describes his band as an ordinary company. That may be, but they have a most extraordinary opportunity for making progress. O ye gods and little fishes, imagine it! The same band ringing the same bells three times a week, and apparently one method at a time. What need to ask the best Surprise method to

attempt first, the best way of tackling it, and how long before a plain course could be attempted? If they have learnt four methods, surely that should guide them.

When the revival took place in this city, I sent for, I believe, nine copies of 'Standard Methods,' and they have been of the utmost value during our progress.

Perhaps my methods will not appeal to 'Willing to Learn,' but I will give him an outline of the system adopted here, in learning a fresh method. First, get the band supplied with a diagram and a few figures, say a lead. Then thoroughly learn the work, as per diagram, and also, from the figures, learn how the bells work together. Further, learn the coursing order of the bells, then it will be an easy matter to find out how and where each ringer works with his 'before' and 'after' bells. This, I think, has a wonderful linking effect, and is a very valuable help in picking up trips in touches or peals, as it does not matter where a trip occurs there is nearly always someone on the qui vive to pick it up. It also relieves the conductor of much anxiety. To show this plan has been fairly successful here, I will give a brief account of our work and progress during the last two years and nine months. About Easter, 1920, there was a desire to ring the then unring spliced Treble Bob method, which we named Worcester. This we succeeded in doing the following June. This whetted the appetite for more, and Double Norwich was decided upon, and we rang our first peal in the succeeding August, followed by two others in October (this included bringing on two learners from Doubles and Bob Minor). Next the question of a Surprise method was discussed, and Cambridge resolved upon. By the end of 1920 we had so far progressed in this method to have been able to ring into the last few courses of a peal. On Dec. 31st, we lost one two courses from home; on the next day, January, 1921, we lost one three courses away from the finish, due mostly to excitement. But whatever the disappointment, the question was always asked before leaving the tower, 'where can we try again?' and another attempt was usually fixed on the spot. We eventually rang the peal in February, followed by about eight others out of ten attempts. Superlative was next taken up; this proved easily assimilated, and a peal was rung in October, 1921.

I set out in January, 1922, to ring two more Surprise methods, London and Bristol during the year, and but for the call of cricket, and one or two other causes, we should have succeeded. By the commencement of Lent we had rung into the last course of a quarter-peal of London. Lent stopped all practice. After Easter we had virtually to make a fresh start. Owing to the circumstances just mentioned I had to go out into the byways and country districts, not

to bring in the halt and lame, but the energetic and enthusiastic. When I say one had a twenty-miles' cycle journey, another a fourteen miles' journey, and another ten miles to travel, this one often three or four times a week for different causes, it will be understood we did not succeed without effort. We retackled London, and secured the peal after four attempts, on Nov. 11th, followed by another the succeeding week.

This, of course, refers to our eight-bell work only. In addition to that we have, during 1922, learnt and rung the first Surprise Minor peal for our association; also we have learnt and rung the first fourteen method peal for the association, and on ten bells, in addition to Grandsire Caters for the learners, we have, during 1922, learnt and rung Cambridge Surprise Royal (three peals).

Only one circumstance has prevented us from completing the circle in Cambridge Surprise. The city and county of Worcester is unfortunate in having only one peal of twelve bells, and the reputation of these as a cumbersome, badly-going lot, is well known, and quite unsuitable for Maximus ringing.

In regard to our opportunity for practice and Sunday ringing on six bells, we had a weekly practice, and a fortnightly Sunday ring; on eight bells we had a fortnightly practice and Sunday ring; on ten bells we had a monthly practice and a fortnightly Sunday ring. In addition to the above, we have rung Grandsire Triples and Bob Major on handbells, and nearly scored Grandsire Caters. W. P.

AN OFFER.

Mr. Gabriel Lindoff, 23. Longford Terrace, Crumlin Road, Dublin, writes offering to send letters and diagrams on Surprise methods to the band, on receipt of a postcard.

A HALF-PEAL.

At Blewbury, Berks, a half-peal of Grandsire Triples was rung, for practice, on October 24th, in 1 hour 29 mins.: H. Greenough 1, A. H. Webb 2, F. G. James (conductor) 3, C. E. Gregory 4, W. V. Webb 5, B. Corderoy 6, A. T. Busby 7, R. N. Aldridge 8.

At Warnham, Sussex, on Sunday, Dec. 10th, at St. Margaret's Church, 2,520 Court Bob Triples was rung in 1 hr. 25 mins., by Alb. Charman 1, J. Cook 2, W. Hooker 3, P. Charman 4, J. Branch 5, W. Pettifer 6, Wal. Charman 7, Alf. Charman 8. This was an attempt for a peal, but owing to a false start time would not permit the completion soon enough for evening service. The bells were, therefore, brought round at the half-way. A 504 was afterwards rung for service, with G. Branch at the treble.

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BELFRY GOSSIP.

A new degree, Master of Architecture (M.Arch.), has just been instituted by the Court of Liverpool University. It may be awarded to any Bachelor of Architecture, of not less than ten years' standing, who has designed some building of outstanding merit. As we are all to have degrees, what sort of a method would one have to build before one could swagger an 'M.Arch.'? asks 'Once a Begginner.'

Twelve-bell ringers visiting Shrewsbury will be welcome at St. Chad's Church. Sunday ringing, 10.15 a.m. and 5.30 p.m.; Wednesday, 7.30 p.m.

Thirty years ago next Monday, 12,096 Double Norwich Major was rung at Maidenhead in 7 hrs. 10 mins. by the Oxford Diocesan Guild, which four years before, on Dec. 31st, 1888, had set up a new Stedman Caters record, 15,041 at Appleton.

On the last day of 1867, the longest length of Cumberland Exercise Major was rung at Liversedge. This was a peal of 6,720, and has not yet been beaten.

James Barham rang his one hundredth peal on January 1st, 1793, the total age of the band being 582. Barham died on January 4th, 1818, at the age of 93.

The first peal of Kent Treble Bob Major in Lincolnshire was rung at Gainsborough on January 1st, 1848, and the first peal of Halifax Treble Bob, composed by W. Solttenstall, was rung at Huddersfield on January 1st, 1866.

January 2nd, 1909, was the date of the first peal of Double Oxford Bob Royal, which was rung at Wednesbury.

One of the early long lengths of Bob Major was rung on January 4th, 1784. This was a peal of 14,480, at St. Paul's, Oldham, in 8 hrs. 24 mins.

It is gratifying to hear of another peal rung in Ireland. A peal of Grandsire Triples at St. Patrick's Cathedral is recorded this week, and special interest attaches to the peal from the fact that the ringer of the fifth is the son of Lord Justice Cherry, himself a ringer, and one of the bulwarks of the Irish Association.

**To all our Readers
A Happy and Prosperous
New Year.**

CROYDON FOUNDRY'S BIG CONTRACT. FORTY-TWO BELLS FOR AMERICA.

Messrs. Gillett and Johnston, of Croydon, who last year recast the Royal Exchange bells, and this year put in a peal of 23 at Toronto, have been given a contract for a carillon of 42 bells to be hung in the Park Avenue Baptist Church, New York, as a gift from Mr. John D. Rockefeller, in memory of Mrs. Rockefeller.

DURHAM CATHEDRAL BELLS.

The bells at Durham Cathedral, which Messrs. Mears and Stainbank have restored, have now been rehung, but, it is reported, they will not be rung until May, owing to serious defects discovered in the apex of the arch immediately below the vaulting.

It was discovered that huge stones weighing half a ton each had dropped from their place owing to vibration, and were liable to fall at any moment.

Steps have been taken to secure them, and also to repair the transoms of the lantern tower, which are in a serious condition.

VICAR WANTS A 'CHRISTIAN' PEAL.

The Rev. T. Rose Price, Vicar of All Saints', Halifax, in a Christmas letter to his parishioners, wants a 'Christian peal' of bells in place of the present cracked ting-tong that is in use at the church. The Vicar is original in his mode of addressing his big parochial family, and also in the wording of his peal. He addresses them as 'My dear people and children, friends, fellow-workers, fellow-worshippers, fellow-parishioners, and fellow-rascals—some 5,000 of you.'

In the course of this letter he says: 'Many of you must have noticed that your church bell is cracked, quite cracked. Even on Sundays it keeps on saying, in tones most mournful and influenzic, "Stay away—stay away—all of you."'

'Each of you, please, supply the dismal, soul-destroying notes. Quite clearly that cracked, kill-joy of a bell must go—and go double quick, musn't it? A Christian peal must take the place of that heathen cackle!'

PROVING A METHOD.

BY THE REV. E. BANKES JAMES.

a 1 2 3 4 5 6 7 8 +
2 1 3 4 5 6 8 7 +
1 2 3 4 6 8 5 7 -
2 1 3 4 8 6 7 5 -

b 2 4 1 3 6 8 5 7 +
4 2 3 1 8 6 7 5 +
4 2 1 3 6 8 5 7 -
2 4 3 1 6 5 8 7 +

c 4 2 3 6 5 1 8 7 +
4 3 2 6 5 1 8 7 +
3 6 4 2 5 1 8 7 -
3 6 4 2 5 1 8 7 -

d 6 3 2 4 5 8 1 7 +
6 2 3 4 5 8 7 1 -
2 6 5 3 8 4 1 7 -
2 5 6 8 3 4 7 1 +
5 8 2 6 3 7 4 1 +
5 8 2 3 6 7 1 4 +
8 5 3 2 7 6 4 1 -
8 3 5 7 2 6 1 4 -

e 3 8 7 5 2 1 6 4 +
3 7 8 5 1 2 4 6 -
7 3 5 8 2 1 6 4 -
7 5 3 8 1 2 4 6 +

f 5 7 3 1 8 2 6 4 +
7 5 1 3 8 6 2 4 -
7 5 3 1 6 8 4 2 -
5 7 1 3 8 6 2 4 -

g 5 1 7 3 6 8 4 2 +
1 5 3 7 8 6 2 4 +
5 1 7 3 8 2 6 4 -
1 5 3 7 2 8 4 6 -
1 3 5 2 7 4 8 6 -

to the second, while fifth's and eighth's are made in passing from the third to the fourth.

Consequently in a it will be sufficient to prove the rows with the treble at lead, and a like rule applies to c and d, but in b we must prove all the rows.

Now gather your rows together into pairs, with the treble in corresponding places, putting the + above the + and the - and the - thus:-

a	1 2 3 4 5 6 7 8	1 2 3 4 6 8 5 7	c	4 2 3 6 1 5 7 8	3 4 6 2 1 5 7 8
	1 5 3 7 8 6 2 4	1 5 3 7 2 8 4 6		3 7 8 5 1 2 4 6	7 5 3 8 1 2 4 6
b	2 4 1 3 6 8 5 7	4 2 1 3 6 8 5 7	d	6 3 2 4 5 8 1 7	6 2 3 5 4 8 7 1
	7 5 1 3 8 6 2 4	5 7 1 3 8 6 2 4		5 8 2 3 6 7 1 4	5 2 8 6 3 7 4 1
	4 2 3 1 8 6 7 5	5 7 3 1 8 2 6 4		1 2 8 3 6 5 4 7	
	2 4 3 1 6 5 8 7	7 5 3 1 6 8 4 2		1 2 4 7 6 5 8 3	

Now we are ready to write down the false lead ends. I have filled in one (d) for an example. Start with the row 6 3 2 4 5 8 1 7, say to yourself 1 2 3 4 5 6 7 8, and, as you say each figure, write down the number that is immediately below it and you get the false lead end 1 2, 8 3 6 5 4 7, in which the row 6 3 2 4 5 8 1 7 will be found again. Then take the lower row, 5 8 2 3 6 7 1 4, and as you say 1 2 3 4 5 6 7 8, write down the numbers that are above them, and you get the other false row, 1 2 4 7 6 5 8 3, and 5 8 2 3 6 7 1 4 will be found again in it.

Here is the table entirely filled in.

a	1 2 3 4 5 6 7 8	1 2 3 4 6 8 5 7	c	4 2 3 6 1 5 7 8	3 4 6 2 1 5 7 8
	1 5 3 7 8 6 2 4	1 5 3 7 2 8 4 6		3 7 8 5 1 2 4 6	7 5 3 8 1 2 4 6
	1 5 3 7 8 6 2 4	1 5 3 7 4 2 6 8		1 7 8 3 2 5 4 6	1 8 7 5 2 3 4 6
	1 7 3 8 2 6 4 5	1 6 3 5 2 7 4 8		1 5 4 7 6 8 2 3	1 5 6 7 4 8 3 2
b	2 4 1 3 6 8 5 7	4 2 1 3 6 8 5 7	d	6 3 2 4 5 8 1 7	6 2 3 5 4 8 7 1
	7 5 1 3 8 6 2 4	5 7 1 3 8 6 2 4		5 8 2 3 6 7 1 4	5 2 8 6 3 7 4 1
	1 7 3 8 2 0 4 6	1 7 3 5 2 8 4 6		1 2 8 3 6 5 4 7	1 2 8 3 0 5 4 7
	1 5 3 7 4 8 2 6	1 5 3 7 4 8 2 6		1 2 4 7 6 5 8 3	1 2 4 7 6 5 8 3
	4 2 3 1 8 6 7 5	5 7 3 1 8 2 6 4			
	2 4 3 1 6 5 8 7	7 5 3 1 6 8 4 2			
	1 4 3 2 7 5 8 6	1 8 3 2 7 4 5 6			
	1 4 3 2 6 8 5 7	1 4 3 6 7 8 5 2			

We have now found all the leads that are false against the plain course, and there are just sixteen of them when we have struck out the duplicates. We have next to find out the course ends, of those courses that are false with the plain course, and have the tenors together.

First go through the false lead ends and mark all the places in which any two bells that course each other in the plain course occupy the same position as they do in any lead of the plain course, and underline them. In the table above they are indicated with the aid of bolder figures.

Now write down the seven leads of the plain course, leaving room below them for the false rows. I have numbered them for reference:

1	2	3	4
1 2 3 4 5 6 7 8	1 3 5 2 7 4 8 6	1 5 7 3 8 2 6 4	1 7 8 5 6 3 4 2
1 4 3 2 7 5 8 6	1 8 5 7 3 6 2 4	1 4 6 8 5 7 3 2	1 6 5 4 3 2 7 8
1 7 8 3 2 5 4 6	1 3 2 8 4 7 6 5	1 5 3 6 2 8 4 7	
1 4 3 2 6 8 5 7	1 2 5 3 4 6 7 8		6 5 4 3 2
2 4 5 3 6	2 4 3 6 5	5 3 6 2 4	
6 5 4 3 2	4 6 2 5 3	3 2 5 4 6	
3 6 4 5 2	2 5 3 4 6		
5	6	7	False Course Ends
1 8 6 7 4 5 2 3	1 6 4 8 2 7 3 5	1 4 2 6 3 8 5 7	2 4 5 3 6
1 4 6 2 7 3 8 5	1 8 4 7 3 5 2 6	1 6 2 4 5 3 7 8	2 4 3 6 5
1 3 6 8 2 7 4 5	1 2 7 3 8 5 4 6	1 6 2 8 5 7 3 4	2 5 3 4 6
	1 6 5 4 7 2 8 3	1 4 7 2 8 3 6 5	3 2 5 4 6
2 4 3 6 5	1 5 4 6 3 8 2 7		4 3 5 2 6
2 4 6 5 3		6 2 4 5 3	5 3 2 4 6
	2 6 3 5 4	3 2 5 4 6	3 2 5 4 6
	5 3 6 2 4		
	4 6 2 5 3		
	4 3 5 2 6		

Now take the first row that is marked; it is 1 7 3 5 2 8 4 6 and seven, five, are the bells marked. The tenors are in 7th's and 5th's places in number 2 of the plain course, so transpose this by the scale 1 7 3 5 2 8 4 6, and we get 1 8 5 7 3 6 4 2, which is written down below it, and from which we get the false course end 2 4 3 6 5. Treating all the other marked rows in the same way, you can fill in the whole table as has been done here, and find the thirteen false course ends which belong to this method.

This shows that the method that we have proved is of no practical use, but it serves its purpose as an example, and shows all the dangers that have to be guarded against in working out a proof scale.

DEDICATION OF BLACKHILL BELLS.

The new peal of eight bells recently hung in the small tower of St. Aidan's Church, Blackhill, Co. Durham, were dedicated by the Bishop of Jarrow (Dr. Quirk), on Thursday, Dec. 7th, and proved in every way satisfactory as regards both hanging and tone. The inscription on the tenor, which is in F sharp and weighs 10½ cwt., runs as follows:-

'To the glory of God, and in memory of her parents, John and Margaret Seymour, her husband, Henry Lee, and her son, John Seymour Lee, all of whom are interred in this adjoining cemetery, this peal of eight bells was presented to Blackhill Parish Church by Annie Lee, A.D. MCMXXII. The peal cast and erected by Messrs. Mears and Stainbank, founders, London. Jenkin Jones, M.A., Vicar. Jacob Siddell, John George Brydon, Wardens.'

The service was held in the afternoon, the church being filled to its utmost capacity, and the bells, immediately after the dedication, rang out to a course of Stedman Triples. This was followed by a scholarly and appropriate address by the Bishop. The Vicar conducted the service, and the lessons were read by the Vicar of Consett (the Rev. W. C. S. Fielden), and the Vicar of Medomsley (the Rev. A. H. Barr). The Vicars of Leadgate (the Rev. W. H. Covey) and Castleside (the Rev. J. H. Elphick) also took part in the service, which was led by an augmented choir.

After the service, a short touch of Stedman Triples was rung as the congregation left the church. The annual parish tea and entertainment then took place in the Parochial Hall, and the ringers were invited to attend.

Mr. W. Story, President of the Durham and Newcastle Diocesan Association, on behalf of the Newcastle Cathedral Guild, presented the Vicar of St. Aidan's with the rope, which the Bishop used in the dedication service, as a memento of the occasion.

An attempt for a peal of Double Norwich Court Bob Major was made, starting at 6 p.m., but after two hours' excellent ringing it came to grief through a combination of 'trips.' The ringers during the day were Messrs. C. L. Routledge (conductor), W. Story, W. H. Barber, G. Pickering, E. Terry, J. E. Keen, R. Richards, and A. F. Hillier, of the Cathedral Guild, Newcastle; W. W. Sinclair, of Consett, and J. W. Parker, of Sunderland.

A young band, now formed into a recognised Guild, is being taught by Mr. W. Sinclair, and is making good progress.

On the Saturday following, December 9th, the bells were thrown upon to the Durham and Newcastle Association, and a goodly number attended from Consett, Tanfield, Chester-le-Street, Winton, Newcastle, Benfieldside, etc. Some excellent ringing was done, several touches of Treble Bob, Grandsire and Stedman Triples, etc., being brought round.

A BRISTOL SOCIAL.

A social evening was held at St. Thomas' Church Room, Bristol, on Tuesday, December 12th, and was attended by a large number of ringers and their friends. An excellent programme had been arranged, including a small orchestra, who terminated the programme with a few dances.

A collection was made for a Bristol ringer in straitened circumstances, after a long illness, and realised the magnificent sum of £2 19s. 9d.

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ROYAL EXCHANGE, 1921.

ROCHESTER CATHEDRAL, 1921.

THE CROYDON BELL FOUNDRY

CARISBROOKE, 1921.

WINCHESTER CATHEDRAL, 1921

METHOD CONSTRUCTION.

The following letter to the Editor has, owing to continued pressure upon our space, been unavoidably held over for some weeks. It is a reply to Mr. York Bramble's letter, headed 'Mathematics and a Challenge,' which appeared on page 885.

Sir,—It is perhaps not necessary to answer Mr. Bramble's challenge as to my right to speak as a mathematician. Brighton, perhaps, possesses a free library, where 'Crockford' can be consulted. Here he has the advantage over me, as I have no means of ascertaining his mathematical or other qualifications other than from the pages of 'The Ringing World.'

It is more pleasant to turn to the points of agreement now reached. The sentence beginning 'the linking together of change blocks' is of doubtful meaning; but if it means anything at all it must imply that Plain Bob Minor (to take a simple illustration) is built up of plain hunting courses by means of a 5-block q-set. Obviously the operations by which (say) Double Court is produced must be of a similar character. He prefers to speak of composition rather than construction, though as he uses the building simile himself he may not object to the term used above. Also if he prefers to regard building with bricks as consisting of composition and not construction, that is his affair.

But what is left of his arbitrary conventions with which he started off so gaily and self-confidently? Composition, it is generally agreed, is not arbitrary, being governed strictly by q-sets. And as, ex hypothesi, composition is to start where plain hunting leaves off, it appears that it is in the method called Original that we have to seek for artificial conventions!!

Anyway, we will start now with Original as our basis. We will be bound by no conventions whatever, as indeed we have no right to be when we are dealing with fundamentals. We simply follow where the bells in their relative movement lead us. If a bell strikes more than two blows in one place, if there be no outward symmetry, if repetition occur, is at present not our business.

(a)	(b)
123456	123456
214365	214365
241635	241356
426153	423165
462513	243615
	426351
etc.	462531

(i)

(ii)

(a) Is Original, and the bells left to continue their relative movement will return to rounds at the end of 12 changes. Now examine (b). At the point (i) the regular work is interrupted by '3' making a place. What is to happen subsequently? Let it be observed that eventually we hope to see the bells return to rounds as they did in (a). Now the whole point is this. It is physically impossible after that first place is made at (i) for the bells ever again to return to rounds unless '3' makes the second place at (ii), or performs an operation relative to the other bells exactly equivalent to the making of that place. (It is no wonder that Mr. Bramble, for all his bold talk, does not actually attempt to meet my challenge to produce such method. He would find it as easy to prove two halves of a thing together greater than the whole.) This is a fact of enormous significance, and it seems to me ridiculous that the experts, as they so often do, should treat these two places made by '3' as independent, and having no relationship with one another. It is, perhaps, unnecessary to add that (in accordance with q-set principle) each of the other working bells must in turn perform the same operations as '3' before the bells can return to rounds in a plain course. To put it another way the pair of places are constituent parts of a single operation or shunt, the effect of which is nothing else than to move the 3rd from before to behind the treble in coursing order. The only significance of the dodging which takes place meanwhile by some or other of the bells is in conformity with this operation.

Let it be observed that here is an exactly parallel instance.

(c)	(d)	
123456	123456	Once the first pair of places in 3—4
214365	213465	has been made it is impossible to re-
123456	124356	cover the coursing order, and subse-
214365	214365	quently return to rounds unless the
241635	241635	second pair of places on the same bells
		(or the exact equivalent) be made.

Here, a few lines we have the kernel of the whole matter, and it will be well to give Mr. Bramble an opportunity to criticise this before carrying the argument further. Let him point out the cloak of mystery with which he has repeatedly charged me with covering myself, and let him demonstrate where lies the liberty, of which he boasted, to do as he liked, and where are his arbitrary conventions. But I beg his pardon. All this has apparently been abandoned. If he waxes funny and sarcastic we shall know what to expect. It is his pleasanter fashion of following the practice mentioned by Rosalind: 'Very good orators, when they are out, they will spit.' Seriously though, is it not the wise thing to recognise as axiomatic statements something like the following?—

(1) All methods are produced from the principles on which they are based by means of shunts.

(2) A shunt consists of an operation (or operations) which leaves the bells with the exception of the hunt or hunts in the same coursing order as they were in before it began to take effect.—Yours, etc.,

E. S. POWELL.

WHY NOT A REFERENDUM?

To the Editor.

Dear Sir,—Mr. Burton's letter in your issue of December 15th suggests some interesting questions. It will, I think, be news to most of us that the 'Norwich, etc.' Association is 'a union of two separate diocesan associations.' Mr. Burton's 'St. Edmundsbury and Ipswich Diocesan Association' is something of a mystery, an association of mushroom growth, created apparently for the purpose of being united to Norwich!

I have no 'plan for sorting up ringers into separated diocesan organisations,' and I am quite aware that there are at least three or four diocesan associations, each of which includes two dioceses; but there are special difficulties in the way of doing this in East Anglia. Mr. Burton claims, and justly, for his association a great majority of ringers in the county of Suffolk, but unfortunately for his case all or most of his eggs are in one basket, his majority is in East Suffolk, and Suffolk, as the dual name of the diocese implies, has two very distinct divisions. Our Norwich friends never seem to be able to realise that in Suffolk 'east is east and west is west.' I am not going to say that 'never the twain shall meet,' but for the purpose of a referendum each would require separate treatment; there would have to be a referendum for East Suffolk, and a referendum for West Suffolk, and it rather looks as though East would 'go Norwich,' and West would 'go St. Edmundsbury and Ipswich.'

This consideration will help to make my next point clear. Mr. Burton complains that my letter assumes that the 'Norwich Diocesan Branch' has acted arbitrarily in imposing its will on the members of the 'St. Edmundsbury and Ipswich Branch.' Here again we must distinguish between 'St. Edmundsbury' and 'Ipswich.' The 'branch meetings' of the Norwich Association, which Mr. Burton tells us, were held in Suffolk, at which 'decisions have been taken' and 'resolutions passed,' were seemingly all held in the eastern part of the county; certainly none of any importance were held in the neighbourhood of Bury St. Edmunds. It follows that 'the individual ringers' of that town and neighbourhood must be presumed to have no wish to join 'the St. Edmundsbury and Ipswich Diocesan branch of the Norwich, St. Edmundsbury and Ipswich Diocesan Association.' Is it fair, then, that the name of their district should be brought into the title? According to Mr. Burton, 'membership of any association rests entirely on a voluntary basis'; there is certainly no 'voluntary basis' for the title of St. Edmundsbury thus used, and the action of Norwich in including it must be held to be arbitrary and unjustifiable.

Another difficulty in Mr. Burton's case is the term 'diocesan.' This word implies that the organisation so called has the sanction of the Bishop, who is the administrative head of the diocese as such. Now it so happens that the Bishop of St. Edmundsbury and Ipswich, doubtless with the very best intention of giving to his ringers that countenance and help which we are so frequently reminded that the clergy ought to give, has taken a hand in forming an association for his own diocese under the title of 'The St. Edmundsbury and Ipswich Diocesan Association.' It is, of course, open to any ringers in the diocese to form or belong to other ringing associations, but what is to be thought of ringers who deliberately run an 'opposition show' and call it by the same title as the Bishop has already given to the diocesan association—the word 'diocesan' included? Surely this is not what might be expected of loyal Churchmen anxious to obtain recognition for their diocese. It appears, on the contrary, to be 'asking for trouble.'

Long Stanton.

H. B. WOOLLEY.

5,088 SUPERLATIVE SURPRISE.

By J. MARTIN.

23456	B	M	W	H	43526	B	M	W	H
52436	—	—	—	—	65324	—	—	—	—
64235	—	—	—	—	36524	—	—	—	—
26435	—	—	—	—	53624	—	—	—	—
26354	—	—	—	—	46325	—	—	—	—
32654	—	—	—	—	34625	—	—	—	—
63254	—	—	—	—	34256	—	—	—	—
25634	—	—	—	—	25346	—	—	—	—
62534	—	—	—	—	32546	—	—	—	—
56234	—	—	—	—	53246	—	—	—	—
42635	—	—	—	—	45236	—	—	—	—
42356	—	—	—	—	23456	—	—	—	—
35426	—	—	—	—					
43526	—	—	—	—					

First rung at Widnes, November 18th, 1912.

Sunday Service Ringers' Page.

NORTHAMPTON.—At the Church of All Saints, for evening service, on Nov. 12th, 630 Grandsire Triples: W. Farey, junr., 1, A. Robinson 2, A. P. Hensman 3, J. Dean 4, H. Rainbow 5, H. Blundell 6, W. Farey (conductor) 7, L. Farey 8. Rung with the bells half-muffled, as a token of respect to the late W. J. Allen, a most faithful member of All Saints' belfry.

CHARING, KENT.—On Sunday morning, Nov. 12th, a quarter-peal of Grandsire Doubles, in 43 mins.: W. Henniker 1, W. Good 2, G. Young 3, F. Hodges 4, F. Good (conductor) 5, J. Colbreay 6, G. Youngs hail from Boughton Aluph, and F. Hodges from Kingsnorth.

OTTERY ST. MARY, DEVON.—On Sunday, Nov. 12th, for evening service, 1,250 Grandsire Triples: W. Burrows 1, K. Godfrey 2, J. Hine 3, F. H. Stuckey (conductor) 4, J. H. Godfrey 5, G. Burrows 6, E. Marks 7, J. Loverin 8. Rung to commemorate the anniversary of the signing of the Armistice.

WESTON, BATH.—At All Saints' Church, a memorial evening service was held for those of the parish who gave their lives in the great war. The ringers rang, after service, a quarter-peal of Grandsire Doubles (1,260 changes), in 45 mins., with the bells half-muffled: G. Brewer 1, W. Crocker 2, J. Lye, senr., 3, J. Lye 4, R. Cousins (conductor) 5, E. Blackmore 6.

DALTON-IN-FURNESS.—Lancashire Association.—On Sunday, Nov. 19th, for evening service, at the Parish Church, 720 Plain Bob Minor: T. Coulthurst 1, T. Watson 2, W. Forshaw 3, Miss E. M. Stuart (first 720 as conductor) 4, W. Dennison 5, T. Metcalfe 6, J. Burrows 8 (covering).

CLARE, SUFFOLK.—On Sunday, Nov. 19th, for evening service, 1,152 Kent Treble Bob Major: W. Underwood (conductor) 1, H. Perkins 2, A. Ives 3, B. W. Pettitt 4, A. Maxim 5, A. Catterwell 6, T. Slater 7, G. Moore 8. Also 1,008 Bob Major: W. Underwood (conductor) 1, H. Perkins 2, A. Maxim 3, A. Catterwell 4, B. W. Pettitt 5, D. Gridley 6, G. Moore 7, T. Slater 8.

PETERBOROUGH.—For morning service, on Nov. 19th, at St. John's Church, 1,168 Kent Treble Bob Major: V. Butler 1, W. M. Cross 2, S. Wright 3, J. Carman 4, W. G. Cross 5, T. Vaughan 6, F. Cooke 7, C. T. P. Brice (Pulham St. Mary's), conductor, 8.—For evensong, 1,168 Kent Treble Bob Major.

MITCHAM SURREY.—At SS. Peter and Paul, on Sunday, Nov. 19th, for evening service, a quarter-peal of Stedman Triples (1,260 changes), in 42 mins.: Mrs. F. I. Hairs 1, J. D. Drewett 2, J. A. Lambert 3, W. H. Joiner 4, A. J. Trappitt 5, A. Calver 6, C. W. R. Grimwood (conductor) 7, J. Hurrell 8.

MALDON, ESSEX.—At All Saints' Church, on Sunday, Nov. 19th, for evening service, 1,260 changes of Grandsire Triples, in 44 mins.: A. Mansfield 1, F. Chalk 2, W. H. Chalk 3, W. G. Mansfield 4, R. L. Orth 5, J. H. Waldoock 6, H. J. Mansfield (conductor) 7, C. Tabor 8. First quarter-peal on the bells, and longest length in the method by all except the ringers of 6th and 7th.

SHREWSBURY.—On Sunday, Nov. 19th, at St. Chad's Church, for evening service, 440 Grandsire Cinques: E. H. C. Hickox 1, J. Griffiths 2, G. Byolin 3, J. E. Lilley 4, W. B. Kynaston 5, R. Pole 6, G. Jones 7, A. Short 8, T. Pritchard 9, W. Fairhead 10, C. R. Lilley (conductor) 11, D. J. Boucher 12.

BARKING, ESSEX.—On Sunday, Nov. 19th, for morning service, a quarter-peal of Superlative Surprise Major (1,280 changes), in 48 mins.: W. G. Jackson 1, H. E. Parker 2, G. L. Joyce (first in the method) 3, E. Andrews 4, R. Fenn 5, A. C. Hardy 6, G. W. Faulkner 7, C. Fenn (conductor) 8.

CROSTHWAITHE, KESWICK.—On Sunday, Nov. 19th, for evening service, 720 Kent Treble Bob Minor: Miss C. Grisdale 1, F. Grisdale 2, Miss L. Selford 3, T. Wilson 4, T. Hartley 5, T. Hogarth 6, W. Hogg 7 (covering). Also 336 Bob Major: T. Hartley 1, Miss L. Selford 2, Miss C. Grisdale 3, D. Usher 4, T. Wilson 5, W. Hogg 6, F. Grisdale 7, T. Hogarth (conductor) 8. First touch of Bob Major for ringers of 2, 3, 4, 6.

LONDON.—At St. John's, Wilton Road, on Sunday, Nov. 19th, for evensong, a quarter-peal of Grandsire Triples, in 43 mins.: C. Harder 1, E. C. Phillips 2, G. Channer 3, T. Channer 4, Chailis F. Winney (conductor) 5, J. Thimblethorpe 6, H. Langdon 7, G. E. Pain (first quarter) 8.

STAPLEHURST, KENT.—On Sunday, Nov. 19th, for morning service, a quarter-peal of Grandsire Triples (1,260 changes), taken from Holt's Original: B. Turk 1, F. Pope 2, J. Smith 3, T. E. Sone 4, H. Head 5, J. Head (conductor) 6, B. Baker 7, T. Smith 8.

WALTHAMSTOW, ESSEX.—On Sunday, Nov. 19th, at the Church of St. Mary, after evensong, a quarter-peal of Stedman Caters (1,263 changes), in 52 mins.: R. Maynard, junr. (conductor), 1, J. H. Wilkins 2, G. Newman 3, H. A. Barnett 4, H. T. Scarlett 5, J. C. Adams 6, H. F. Hull 7, G. R. Lucas, senr., 8, R. Maynard, senr., 9, W. H. Freeman 10. Rung as a birthday compliment to W. H. Freeman. Mr. Barnett hails from Tottenham.

CHATHAM.—At St. Mary-the-Virgin, on Nov. 12th, at the unveiling of war memorial in the church, a quarter-peal of Grandsire Triples was rung with bells half-muffled: C. Norris 1, F. Richardson 2, E. Pope 3, S. Shellock 4, J. Bennett 5, F. Belsey (conductor) 6, H. Springate 7, G. Lawrence 8. Also on Sunday evening, Nov. 19th, a quarter-peal of Double Norwich: T. Hill 1, H. Springate 2, F. Belsey 3, J. Bennett 4, H. Hogarth 5, S. Shellock 6, F. Richardson (conductor) 7, C. Norris 8. This was the first quarter-peal of Double Norwich by the local band.

BATH.—At St. Saviour's Church, on Sunday afternoon, Nov. 12th, for a united Armistice service, a quarter-peal of Grandsire Triples (1,260 changes) was rung in 45 mins. by members of the Bath and Wells Association: J. Hallett 1, J. Taylor 2, J. W. Bell 3, G. James 4, F. C. Rich 5, T. Grant 6, C. W. Bell (conductor) 7, H. W. Mills 8.

BUCKLEY, FLINTS.—At St. Matthew's Church, before evening service, on Sunday, Nov. 12th, a quarter-peal of Stedman Triples (1,260 changes), in 46 mins., with bells half-muffled: A. H. Jones 1, G. Lewis (first quarter-peal) 2, E. Shene 3, E. Usher 4, C. H. Jones 5, J. T. Hopwood 6, E. Messham (conductor) 7, Wm. Bellis 8. Rung as a token of respect to the fallen.

LOWESTOFT.—On Sunday, November 12th, at the Parish Church, 720 Bob Minor: R. T. Woodley 1, R. Collins 2, R. Coates 3, J. Whaling 4, A. Coleman 5, A. J. Friend (conductor) 6. Rung for evening service on the back six, with 1st and 2nd leading.

TRYNHAM.—On Sunday, November 12th, 720 each of Oxford Bob, Plain Bob and College Single were rung, the following taking part: V. Page, G. Tumber, E. W. Tumber, W. Laker, E. Hodges, W. Nye and E. Gambell. Rung for memorial service, with the bells half-muffled.

WEST HAM, ESSEX.—On Sunday morning, Nov. 12th, for Divine service, a quarter-peal of Stedman Triples (1,260 changes), in 48 mins. (tenor 28 cwt.): C. Scambler 1, J. Scholes 2, E. Pye 3, F. Newman 4, S. Moule 5, A. Haynes 6, A. Pye (cond.) 7, G. Hayden 8.

LINCOLN.—On Sunday, Nov. 12th, at the Cathedral, for morning service, 672 Cambridge Surprise Major: G. Chester 1, C. McGuinness 2, J. Walden 3, T. Pyle 4, H. Chester 5, S. J. Wolfe 6, J. A. Freeman (conductor) 7, C. W. P. Clifton 8. First touch in the method by all except the ringer of the treble.

BATH, SOMERSET.—For morning service, Nov. 26th, at St. Michael's Church, a quarter-peal of Stedman Triples (1,260 changes), taken from Thurstans', in 43 minutes: C. Densley 1, Miss N. G. Williams (late of Hillington) 2, G. Temple 3, T. Grant 4, G. Harding 5, H. W. Brown 6, R. J. Cousins (conductor) 7, H. Davis 8.

WEST EALING.—At St. Stephen's Church, on Nov. 26th, for morning service, a quarter-peal of Grandsire Triples, in 45 mins.: A. R. Macdonald 1, H. Belcher 2, F. S. Palmer, junr. (first quarter on an inside bell) 3, W. H. Hollier (conductor) 4, C. Edwards 5, E. J. Walsom 6, E. Harriss 7, T. S. Palmer 8.

LONDON.—On Sunday, Nov. 26th, for evening service, at St. Alphage, Greenwich, 1,260 Stedman Caters: T. H. Taffender (conductor) 1, T. W. Taffender, junr., 2, J. Carter 3, J. G. Shade 4, G. W. Harris (first quarter-peal of Stedman Caters) 5, J. J. Lamb 6, H. Hoskins 7, J. Gammon 8, W. Berry 9, J. S. Hawkins 10.

DEPTFORD, KENT.—At the Church of St. John the Evangelist, on Sunday, Nov. 26th, for evensong, a quarter-peal of Grandsire Triples: E. W. Pannett 1, E. J. Pannett 2, J. Hurrell 3, H. J. Norgate 4, J. Crowder 5, E. B. Crowder 6, W. J. Jeffries (conductor) 7, A. F. Bennington 8.

WEST GRINSTEAD, SUSSEX.—On Nov. 26th, for evening service, at St. George's Church, 720 Oxford Treble Bob Minor: W. Weaver 1, T. Adams 2, G. Warnett (first 720) 3, V. Goacher 4, H. Turrell 5, W. Denman, junr. (conductor), 6.—On Nov. 11th, 720 in the same method was rung, the first by V. Goacher.

SHIPLEY, SUSSEX.—For morning service, on Nov. 26th, 240 each of Cambridge Surprise, Oxford Treble Bob and Kent Treble Bob. The ringers taking part were T. Adams, A. Feist, W. Denman, junr., J. Bowell, R. Bowell and A. Cripps.

EXETER.—On Nov. 26th, 1,259 Grandsire Caters, at St. Sidwell's Church: E. Shepherd (conductor) 1, W. Howe 2, W. Drake 3, C. Carter 4, T. G. Bartlett 5, E. Sargent 6, J. Moss 7, F. Murphy 8, W. Richardson 9, J. Harris 10.

LONDON.—On Sunday evening, Nov. 26th, at St. Giles-in-the-Fields, a quarter-peal of Grandsire Triples (Parker's 12-part), in 44 mins.: Sergt. F. Porter 1, P. C. G. Schleuter 2, W. P. Evans 3, P. C. E. Brett 4, P. C. G. Shipp 5, Sergt. W. Bottrill (conductor) 6, Ex-P. C. G. Charge 7, G. Clifford 8. First quarter-peal by 1st, 2nd and tenor.

EGREMONT, CUMBERLAND.—On Sunday, Oct. 8th, for morning service, 560 Bob Major. In the afternoon, with the bells fully muffled, for the opening of the town war memorial, 560 Bob Major: Ben Douglas 1, Benson Douglas 2, J. J. Spedding 3, J. Spedding, senr., 4, W. Douglas 5, J. Rothery 6, W. Cook 7, G. W. Temboay (conductor) 8.

LANCASHIRE ASSOCIATION.

SUCCESSFUL SOCIAL OF THE PRESTON BRANCH.

The second annual social of the Preston Branch of the Lancashire Association was held in the Institute adjoining the Parish Church of St. Lawrence, Chorley—the town which saw the formation of the organisation—on December 9th, and, by its success, established the fact that in the future, this ceremony will form one of the features of the year's programme.

During the afternoon the towers of both the Parish and the Roman Catholic Churches were open for ringing, and though the bells of the latter place are getting out of order for want of use, full advantage was taken of the opportunities thus offered. Ringers and their friends had assembled from Brindle, Eccleston, Leyland, Penwortham, Preston, Samlesbury, Standish, Walton-le-Dale and Whittle-le-Woods, and, in addition, the branch was honoured by the presence of the vice-president (Mr. Potter) from Bolton. In consequence of so large an assembly, the methods rung covered a fairly wide range, and touches of Minor Methods, Stedman Triples, Bob Major, Kent Treble Bob, Double Norwich and Superlative were rung.

At tea, which began the social side of the evening, about 150 persons sat down and all were loud in praise, not merely of the scale on which it was provided, but of the admirable manner in which it was organised. Afterwards, a short whist drive was held, and then came the feature of the evening—a presentation to the retiring branch secretary (Mr. E. R. Martin), in token of the appreciation with which his colleagues have regarded his work since 1909. This took the form of a ringers' pendant as a personal gift to Mr. Martin, and of cutlery as a joint gift to himself and Mrs. Martin. The presentation was made by the vice-president, who spoke not merely to the work of Mr. Martin as branch secretary, but of his personal qualities as a ringer and a friend.

Mr. Martin, in thanking his colleagues, expressed surprise at receiving the gift, which he said had been kept a secret from him (naturally, he had been called into the hunt to keep him out of the way), and assured the meeting that, though he no longer acted in an official capacity, his energies and services were still at the disposal of his fellow ringers.

The Rector of Chorley (the Rev. Dr. Kirkby) was then unanimously elected an honorary member of the association, on the proposition of the vice-president, seconded by Mr. Martin.

The ceremonial portion of the proceedings having been thus completed, the party turned to the enjoyment of the concert which had been carefully arranged for them. It would be invidious to make distinctions, but probably everyone will agree with the writer in saying that the performances of Mr. and Miss Booth on handbells 'topped the bill.' Dances were interspersed between the various items on the programme, and the dancers, if warm, were merry.

Finally came the cry of 'this is all'—but with the reservation—'till next year,' when it is hoped to repeat such a great success.

The thanks of the whole branch are offered to the Chorley ringers and their friends, who so carefully, so considerably and so successfully catered for the needs of all. Just a final word, in challenge to the other branches, 'If you can run so good an affair—well, we'll come and join you.'

DORSET MEN'S FIRST QUARTER PEAL OF STEDMAN.

At Swanage, on December 13th, a quarter-peal of Stedman Triples (1,260 changes), in 50 mins., was rung by *C. Turner 1, R. S. Bastable (conductor) 2, *C. H. Tomes 3, G. F. Haysom 4, †A. J. Haysom 5, W. G. Bishop 6, G. J. Williams 7, *A. Williams 8. Longest touch of Stedman by all the band, and first quarter-peal in the method by a local band, all being regular Sunday ringers. Longest touch as conductor. * Longest touch. † Longest touch on an inside bell. This is believed to be the first quarter-peal of Stedman in Dorset rung by Dorset men.

A DATE TOUCH FOR THE NEW YEAR.

1,923 STEDMAN CATERS, by W. WALMSLEY, MACCLESFIELD.

231458 4 5 8 15 18

* 231456879

361452 — — 3
162453 — — 3
264153 — — 2
263154 — — 8
364152 — — 3
416532 — — —
612345 — — —
214366 — — 3

Round next change.

* Produced by S at 2, followed by 12 successive bobs.

MR. H. W. WILDE'S 200 PEALS.

The peal of Cambridge Surprise Major, rung at Eccleston on November 17th, was Mr. H. W. Wilde's 200th, and the list is interesting from the variety of methods it contains.

	Rung.	Conducted.
Doubles: In three methods	1	
Minor: In two methods	4	2
In three methods	1	
In four methods	9	1
In five methods	1	1
In seven methods	6	
In ten methods (7,200)	1	
Triples: Plain Bob	1	1
Grandsire	25	11
Double Grandsire	1	1
Union	2	1
Oxford Bob	4	2
Double Oxford Bob	2	1
St. Clement's	1	
Stedman	13	
Major: Plain Bob	19	1
Double Bob	1	
Little Bob	2	1
Canterbury Pleasure	1	1
St. Clement's Bob	1	1
Oxford Bob	1	
Double Oxford Bob	3	1
Double Norwich	20	3
Outfield	3	1
Kent Treble Bob	37	1
Oxford Treble Bob	2	
Kent and Oxford T.B. (spliced)	2	1
Albion Treble Bob	2	
Little Albion Treble Bob	2	1
Superlative Surprise Major	13	1
Cambridge Surprise Major	4	1
Caters: Grandsire	1	
Stedman	2	
Royal: Plain Bob	1	
Double Norwich	1	
Kent Treble Bob	3	
Little Albion T.B.	1	1
Cinques: Grandsire	1	
Stedman	2	
Maximus: Plain Bob	1	
Kent Treble Bob	2	
Total	200	36

Rung in 61 towers, in 9 counties, with 315 ringers.

MR. GEORGE H. CROSS'S 200 PEALS.

	Tower Bells.		Handbells.	
	Rung.	Conducted.	Rung.	Conducted.
Minor, 1 Method	1	1		
Minor, 3 Methods	1	1		
Grandsire Triples	4			
Stedman Triples	10	4		
Stedman Caters	3	3	1	
Stedman Cinques	2	1		
Bob Major	15	8	20	19
Bob Royal	2	2	2	2
Oxford Treble Bob Major	28	19*	1	1
Oxford Treble Bob Royal	1			
Kent Treble Bob Major	25	17	2	2
Kent Treble Bob Royal	7	5		
Kent Treble Bob Maximus	2	1		
Double Norwich C.B. Major	61	42†		
St. Clement's Bob Major	1			
Double Oxford Bob Major	3	3		
Superlative Surprise Major	5	1		
Cambridge Surprise Major	2			
Cambridge Surprise Royal	1			
Total	174	108	26	24

Total rung 200. Conducted 132. Rung in 42 towers, in 7 counties. † Includes 7136. * Includes youngest peal band yet to ring a peal of Major.

PROFITABLE PRACTICE FOLLOWS DISAPPOINTMENT.

On Saturday, November 18th, at Kimbolton Church, Herefordshire, an attempt for a peal of Plain Bob Minor unfortunately came to grief, after 1½ hours' good ringing: W. Jaine 1, P. Lane 2, J. Fox 3, F. Jaine 4, A. Tomkins 5, A. Talbot (conductor) 6. The remainder of the time was profitably spent in practising Oxford Bob and other Minor methods.

NOTICES.

THE CHARGE FOR NOTICES of Meetings inserted under this heading is at the rate of 3d. per line (average 8 words) per insertion, with a minimum charge of 1/6.

The EDITORIAL OFFICE of the 'RINGING WORLD,' to which all communications should be sent, is 63, COMMERCIAL ROAD, WOKING.

'The Ringing World' can be sent direct by post from the Editorial Office for 4/- per quarter.

LANCASHIRE ASSOCIATION.—Bolton Branch. — The next meeting will be held at Holy Trinity, Bolton, on Saturday, 30th Dec. Bells available 3 p.m. to 7.30 p.m. Meeting 7.30 p.m.—Peter Crook, Hon. Secretary, 204, Devonshire Road, Bolton.

SUSSEX COUNTY ASSOCIATION.—Western Division.—A Quarterly meeting will be held at Chichester on Saturday, Dec. 30th. Bells open at 3 o'clock. Service at the Cathedral at 4. Tea at Cowley's Restaurant at 5. —A. W. Groves, 9, Sugden Road, Worthing.

MIDLAND COUNTIES ASSOCIATION.—Loughborough District.—The annual meeting of the above will be held at Loughborough on Saturday, Dec. 30th. Bells at All Saints' and Bell Foundry will be available for ringing from 3 o'clock. Business: election of officers for the year. All ringers invited to attend.—W. Pervin, Local Hon. Sec., 25, Ratcliffe Road, Loughborough.

DONCASTER AND DISTRICT SOCIETY.—The Annual meeting will be held at Doncaster on Saturday, Dec. 30th. The tower will be open early for ringing. A short service will be held at 5 o'clock, at which the President (the Ven. Archdeacon Sandford) will give an address. Tea in the Memorial Hall at 5.30.—Harold Walker, Hon. Sec., 3, Beech Crescent, Old Hexthorpe, Doncaster.

DURHAM AND NEWCASTLE DIOCESAN ASSOCIATION.—Eastern District.—A Meeting will be held at Jarrow, on Saturday, Dec. 30th. Meet at Christ Church, at 2 p.m. Tea will be provided for those who advise the District Sec. (G. S. Taylor, 149, St. Leonard Street, Sunderland) not later than Dec. 28th.

NORWICH & ST. EDMUNDSBURY & IPSWICH DIOCESAN ASSOCIATION.—The number of printed Reports for 1922 will be strictly limited to the number of subscriptions paid for the current year. Members desirous of receiving a copy of that report, are kindly requested to remit their outstanding subscriptions on or before Dec. 30th, 1922, to the General Sec. and Treasurer, Mr. Arthur L. Coleman, High Croft, North Walsham, Norfolk.

ANCIENT SOCIETY OF COLLEGE YOUTHS (established 1637).—The subscription of 1/8, which enables members who have not attended 20 times in the past year to vote on matters of finance, is now due. Meetings for practice will be held at Southwark Cathedral, on Jan. 2nd and 30th; St. Magnus, on the 4th and 18th; * St. Mary-le-Bow, Cheapside, on the 9th; St. Andrew's, Holborn, on the 11th, and * St. Paul's Cathedral on the 23rd, all at 7.30 p.m. * Business meeting afterwards.—William T. Cockerill, Hon. Sec., Frodingham, 32, Edgeley Road, Clapham, S.W.4.

ST. JOHN OF JERUSALEM, SOUTH HACKNEY.—Tower will be open for practice every Thursday evening, commencing Jan. 4th, 7.45 to 9.30 p.m. All ringing friends will be welcome.—A. Riley.

KENT COUNTY ASSOCIATION.—Rochester District.—A Quarterly meeting will be held at Northfleet on Saturday, Jan. 6th, 1923. Bells available at 3 o'clock.

Service at 5, conducted by the Rev. W. Hurwood (curate-in-charge). Tea in the Church Schools at cost price per head; business meeting to follow. Will those requiring tea please notify me by Wednesday, Jan. 3rd? All ringers welcome.—Fred M. Mitchell, District Hon. Sec., 114, Sun Lane, Gravesend.

MIDLAND COUNTIES ASSOCIATION.—The next Quarterly meeting will be at Mansfield on Saturday, Jan. 6th, 1923. Tower open 2 o'clock. There will be a meeting of the sub-committee at 4 o'clock, and of the general committee at 4.15. Tea will be ready at 5 o'clock and will be followed by general meeting. Will those requiring tea kindly advise Rev. R. F. Wilkinson, Church House, Mansfield, by Thursday, Jan. 4th?—A. C. Wright, Hon. Sec., Strathallan, Darley Dale.

SALISBURY DIOCESAN GUILD.—Devizes Branch.—The Annual meeting of the above branch will be held at Devizes, on Saturday, Jan. 6th. Bells—St. John's (8), St. Mary's (6), St. James', Southbroom (6)—available 3 o'clock. Service at St. John's 4.30. Tea in the Parish Room at 5. Business meeting 5.30.—F. Green, Branch Hon. Sec., 53, Avon Road, Devizes, Wilts.

SHEFFIELD DISTRICT AND OLD EAST DERBYSHIRE SOCIETY.—Saturday, January 6th, at Rotherham, bells available from 3 p.m. Tea in Parish Church Hall, 5 p.m., 1s. 3d. each. Intending visitors are requested to send notice to Mr. Colin Ryder, 16, Godstone Road, Rotherham.—Rev. J. F. Amies, Hon. Sec.

CENTRAL NORTHAMPTONSHIRE ASSOCIATION.—Kettering District.—A Quarterly Meeting will be held at Burton Latimer (8), on Saturday, Jan. 6th, 1923. Usual arrangements. Will those requiring tea please notify me not later than Tuesday, Jan. 2nd?—R. G. Black, Dist. Sec., Geddington, Kettering.

SUSSEX COUNTY ASSOCIATION.—Eastern Division.—A quarterly meeting will be held at All Saints', Hastings, on Saturday, Jan. 6th. Bells available from 2.30 p.m. Service 4.30. Tea at 5 p.m., to be followed by business meeting.—George W. Stokes, Hon. Dis. Sec., 22, Melbourne Road, Eastbourne.

LONDON COUNTY ASSOCIATION.—Quarterly General meeting, Monday, Jan. 8th, 1923, St. Clement Danes, 6.30 p.m. Business meeting at 8.15 p.m. Practices: Mondays at 7.30 p.m.; Bishopsgate, Jan. 15th; St. Clement Danes, Jan. 22nd; Sundays, St. Clement Danes, 1st and 3rd, at 10 a.m.; Bishopsgate, 2nd and 4th, at 5.15 p.m.—A. D. Barker, Hon. Gen. Sec., Stoke Green, near Slough.

ST. MARTIN'S GUILD FOR THE DIOCESE OF BIRMINGHAM (Established 1755).—Annual meeting will be held at St. Martin's Hotel, St. Martin's Lane, City, on Tuesday, Jan. 9th, 1923, at 7.30 p.m. Ringing at St. Martin's, 6 o'clock to 7.15.—A. Paddon Smith, Hon. Sec., 11, Albert Road, Handsworth, Birmingham.

KENT COUNTY ASSOCIATION.—Maidstone District.—A Quarterly meeting will be held at Barming, on Saturday, Jan. 13th. Bells available at 3 o'clock. A short Service at 5 o'clock. Tea at the Cross House at 5.45, provided by the Rector. All those intending to be at the tea please let me know not later than Tuesday, Jan. 9th.—Stephen Hayzelden, Hon. District Sec., Lower Street, East Farleigh, near Maidstone.

BRISTOL UNITED GUILDS.—SECOND ANNUAL DINNER will be held at the Grand Hotel, Broad Street, on Saturday, Jan. 13th, 1923, at 6.30 p.m. The City church bells—12, 10, 8 and 6—will be available

from 2.30 p.m. to 6 p.m. Secure tickets early.—Edgar Guise, 39, Tankard's Close, St. Michael's, Bristol.

MIDLAND COUNTIES ASSOCIATION.—Leicester District.—The Annual meeting will be held at St. Peter's, Belgrave, Leicester, on Tuesday, Jan. 16th. Ringing from 7.30 till 8.45 p.m. Business meeting in Smoke Room, Talbot Inn, 9 p.m. Subscriptions for 1923 become due at this meeting.—H. E. Norman, District Sec., 52, Ivy Road, Leicester.

N.B.F.—D710, D587, A946, B91, B704, B1047, B1003, B252, C121, B471, A179, C372, B470, B522, A991, C232, A951, D899, C286, B399, B623, B719, D676, C759.

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AN APPEAL.

Readers of the 'Ringing World' are earnestly asked for their assistance on behalf of the widow and four children of the late Mr. W. J. Allen, All Saints', Northampton. All contributions will be thankfully received by F. Wilford, 149, Ashburnham Road, Northampton.

LATE NOTICES.

DURHAM AND NEWCASTLE DIOCESAN ASSOCIATION.—East End District.—A meeting will be held at Jarrow, to-morrow, Saturday, Dec. 30th. Meeting at Christ Church at 2 p.m. Tea at cost price.—G. S. Taylor, 149, St. Leonard St., Sunderland.

MIDLAND COUNTIES ASSOCIATION.—Hinckley District.—The annual meeting of this branch for the election of officers for 1923 will be held at Hinckley on Saturday, Jan. 6th. Bells available 4 o'clock. All ringers welcome.—F. Cotton, Local Hon. Sec., Hinckley.

SOCIETY FOR THE ARCHDEACONRY OF STAFFORD.—Quarterly meeting at Christ Church, West Bromwich, Saturday, Jan. 13th. Bells (12) available at 3 p.m. Service in Church, with address by the Rev. J. Goodacre, Vicar, at 4.45. Tea at 5.30 (for those only who send notice by Jan. 9th) 1/-.—H. Knight, Hon. Sec., 15, Rugby St., Wolverhampton.

LANCASHIRE ASSOCIATION.—Blackburn Branch.—The next branch meeting will be held at Accrington on Saturday, Jan. 13th. Bells ready 3 p.m. Meeting 6.30.—J. Watson, Branch Sec.

MIDDLESEX COUNTY ASSOCIATION AND LONDON DIOCESAN GUILD.—South-West District.—A meeting will be held at Chiswick (by permission of the Rev. E. P. Gough, Vicar), on Saturday, Jan. 13th. Ringing from 3 p.m. Tea at 5.30 at a small charge, but kindly let me know by the 10th. Combined practices are again resumed at Heston the first Saturday, and at Isleworth the third Saturday in the month.—W. H. Hollier, Hon. Sec., 29, Duke Road, W.4.

ROLVENDEN, KENT.—On Wednesday, Nov. 8th, for the unveiling and dedication of the war memorial, a half-muffled quarter-peal of Grandsire Triples, in 49 mins.: J. Powell (Hawkhurst) 1, Miss R. Thomas (Merham) 2, W. A. Fenfold (Hawkhurst) 3, G. Billenness, conductor (Hawkhurst) 4, W. H. Lambert (Benenden) 5, C. Tribe (Tenterden) 6, E. R. Burgess (Tenterden) 7, W. Butten (Rolvenden) 8.

NOTICE.

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