

No. 268. Vol. X.

FRIDAY, MARCH 31st, 1916.

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

Price 1d.

# GILLETT & JOHNSTON

CROYDON, Surrey.  
BELLS, CLOCKS, CARILLONS.



St. Peter's Collegiate Church,  
Wolverhampton.  
Tenor (33 cwt.) of the New Ring of 12

WULFRUN CHAMBERS, WOLVERHAMPTON,  
MESSRS. GILLETT and JOHNSTON, CROYDON, 4th March, 1912  
Gentlemen,

The re-casting of the peal of ten bells with the addition of two new ones in the tower of St. Peter's Collegiate Church, Wolverhampton, recently carried out by you has proved most successful, and given general satisfaction.

I am authorised by the Rector and Wardens to say how pleased they are with the result. In the opinion of those well qualified to judge, we have now, undoubtedly, one of the best peals in the Kingdom

Yours faithfully, F. T. BECK,  
Architect, Diocesan Surveyor.

## MODERN WORK.

### THE CENTRAL COUNCIL.

The letter which appears in our columns to-day, from Mr. J. A. Trollope, upon the shortcomings of the Central Council doubtless reflects the views of a great many members of the Exercise. The criticism is trenchant, but it puts into words what many ringers have long felt, and it is a plain, straight talk, without the detriment of anonymity which often, in the past, has detracted from the weight of other writers. To be perfectly honest, the indictment, coming from a member who has done as much of the "donkey work" of the Council as anyone, and who is in an exceptional position to appraise the Council's influence, both from inside and outside, is a serious one and cannot be lightly waived aside. Of the Council, Mr. Trollope says: "The average ringer pays not the slightest regard to its decisions and opinions, it has no influence in the Exercise, and if it lapsed entirely . . . very few would regret it. The reason is that it does not represent ringers or stand for the Exercise. What qualifications some of its members have are not easy to see."

It is, we are afraid, only too true that some associations elect their members not from the most competent in their ranks, but from those whom they prefer to honour. In an assembly which ought to govern, or, if that is too strong a term, direct the Exercise there is no place for those who are not in constant touch with the men of the belfries. There may, perhaps, be justification in placing a man in a post of honour in an association, without considering his competency as a ringer, but where representation upon a central body, which should lead the way in practical matters as well as discuss more abstruse problems which the average ringer finds it difficult to grapple with, is in question honours ought not to be considered.

To place the Council on the basis which it is really intended to occupy is a practical matter which the associations themselves can do something to accomplish. In the first place they must, all of them, leave personal considerations out of the question, and elect the representatives most qualified for the work, and who have courage enough to say what they think. Then, having elected these men, they should strengthen their hands so that the power could no longer remain with that small circle of which Mr. Trollope complains. The whole point seems to us to come back, therefore, to what we have often advocated before, a more lively interest by the various associations, as organisations, in the doings of the Council. It is seldom indeed that matters for future consideration by the Council or subjects already discussed by them, ever come before the various societies who send representatives. If they were brought up for debate at association meetings, a far wider interest in the Council would be awakened, and the result would be that the sterility of the Council would be changed to useful activity.

# CHARLES CARR, LTD.



**OPINION OF OUR  
MODERN WORK.**

Broomfield Vicarage,  
Chelmsford

Dear Sirs,

I have great pleasure in stating that we are perfectly satisfied with the manner in which you have carried out the work entrusted to you of re-arranging and re-hanging the Broomfield Church Bells.

We consider that the work reflects great credit upon your firm, and believe that your system of hanging the bells reduces the vibration of the steel frame supplied by you to a minimum.

The CHURCHWARDENS unite with ME in this expression of opinion. The BELLRINGERS are also unanimous in their praise of the alterations effected by you.

Yours truly,

CHAS. EDMUNDS,  
Vicar of Broomfield.

Messrs C. CARR, LTD.,  
Smethwick.

Kindly ask us to Inspect, Report and Tender before deciding your Contract,—we may be able to assist you.

**SMETHWICK,  
BIRMINGHAM**

## BELLS

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SINGLY,  
OR IN PEALS.**

**CHIMES FOR CLOCKS.**

PEALS AUGMENTED,  
CRACKED BELLS RECAST.

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IN BEST SEASONED OAK,  
STEEL OR IRON.

**Chiming Machines.**

Best Workmanship and  
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**ARTISTIC WROUGHT IRON  
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MALLEABLE IRON BRACKETS.  
BEST BELL ROPES.  
REPAIRS AND REHANGING  
IN ALL BRANCHES.

BELLHANGERS sent to inspect  
and report on Bells and Towers.

**SEND FOR CATALOGUE.**

## HANDBELL PEALS.

LONDON.

THE SOCIETY OF ROYAL CUMBERLAND YOUTHS  
AND THE SPITALFIELDS BELL FOUNDRY GUILD.

On Tuesday, March 21, 1916, in Two Hours and Twenty-eight Minutes,  
AT THE SPITALFIELDS BELL FOUNDRY,

**A PEAL OF KENT TREBLE BOB MAJOR, 5120 CHANGES;**

JAMES HUNT ... .. 1-2	EDGAR WIGHTMAN... .. 5-6
FRANK SMITH ... .. 3-4	WILLIAM T. POWELL ... .. 7-8

Composed by HENRY DAINS, and  
Conducted by EDGAR WIGHTMAN,  
Umpire: WILLIAM J. NUDDS.

LONDON.

THE SOCIETY OF ROYAL CUMBERLAND YOUTHS  
AND THE SPITALFIELDS BELL FOUNDRY GUILD.

On Thursday, March 23, 1916, in Two Hours and Twenty-three Minutes,

AT THE SPITALFIELDS BELL FOUNDRY,

**A PEAL OF KENT TREBLE BOB MAJOR, 5120 CHANGES;**

JAMES HUNT ... .. 1-2	EDGAR WIGHTMAN ... .. 5-6
FRANK SMITH ... .. 3-4	WILLIAM J. NUDDS ... .. 7-8

Composed by HENRY DAINS, and  
Conducted by EDGAR WIGHTMAN.  
Umpire: WILLIAM J. POWELL.

LONDON.

THE ANCIENT SOCIETY OF COLLEGE YOUTHS.

On Monday, March 27, 1916, in Two Hours and Thirty-three Minutes,

AT 32, EDGELEY ROAD, CLAPHAM, S.W.,

**A PEAL OF CRANDSIRE TRIPLES, 5040 CHANGES;**

HOLT'S ORIGINAL.

WILLIAM T. COCKERILL... .. 1-2	HERBERT LANGDON ... .. 5-6
CHALLIS F. WINNEY ... .. 3-4	JOHN N. OXBORROW ... .. 7-8

Conducted by CHALLIS F. WINNEY.

Umpires: EDWIN HORREX and EDWIN GIBBS.

## VANCOUVER NEWS.

The war has affected ringing in far off Vancouver, just as it has in old England. The men have gone off to the war, and, writing to Second Corporal A. R. Macdonald, who, by the way, is now at Mont Dore Military Hospital, Bournemouth (Ward 104, E Division), Mr. A. C. Limpus says "sometimes we muster eight in the tower but not often. We have a few new men, but not all change ringers." Speaking of the individual ringers, Mr. Limpus says of the former band at Vancouver, two are in England, Lieut. Bressey is "somewhere in France," Taylor went with the North Vancouver Engineers, and Sergt. Saddler Judd has also been to the front and been wounded in action. It may be mentioned that Mr. Limpus was put into touch with his former Vancouver belfry colleague through this journal, and he begins his letter: "Great institution, that Ringing World." Well, we are glad to be of service to ringers at any time, and in any way we are able.

## "RINGING WORLD" AT SALONIKA.

His numerous friends in the Ely Diocesan Association will be pleased to learn that Pte P. Webb, of Ickleton, who is at Salonika, is well. Writing on Mar. 12th, he says he is attached to the 245th Motor Transport Co., and is serving as guard on a lorry. He says "There are some fine Greek Churches here, but I have not had a chance to look inside one yet. I have not heard any bells, except single ones tolling for service."

He adds: "I get my 'Ringing World' out here, although it is a few weeks old when it arrives, but it is ever welcome as an old friend, and I seem nearer home when I am reading it. I pass it along to my mates in our tent, and they are very interested in it, although they had never seen a copy before. I was very sorry to read about Mr. E. Pye's death, as I knew him personally. I remember once when I was in London for a day's outing with our Ickleton men, we got to St. Giles', Cripplegate, in time to hear the last part of a peal in which Mr. Pye was taking part. Afterwards he very kindly went with us to St. Stephen's, Coleman Street, as we were short-handed, although all we could ring was Grandsire Triples and Bob Minor. Many a ringer, too, has lost a dear, kind friend, by the death of Mrs. F. Pitstow, of Saffron Walden. I shall be glad," concludes Pte Webb. "when the war is over, and I get back again to old England and hear the bells ringing once more."

## PRACTICE SUSPENDED AT BROMLEY.

Owing to police regulations, the practices at SS. Peter and Paul's Church, Bromley, Kent, are suspended until further notice.

ESTABLISHED 1780.

## JOHN NICOLL,

**Church Bell Rope and Clock Rope  
Manufacturer,**

**40, QUEEN'S ROAD, PECKHAM, LONDON, S.E.**

(Two minutes from Queen's Road Station, L.B. & S.C. Railway).

**Late 155, Keeton's Road, Bermondsey.**

Maker to St. Paul's Cathedral, Westminster Abbey, Imperial Institute, Canterbury, Edinburgh, St. Alban's, Lincoln, Durham, Peterborough, Melbourne (Australia), Rochester, Dublin, St. Patrick's, Manchester and Worcester Cathedrals etc., etc.

## HINTS ON CONDUCTING.

### HELP FOR BEGINNERS.

In my last article I mentioned two of the points which make a knowledge of coursing order valuable; indeed, essential to the successful conductor. One was that it helps him to know if the bells are right and the other to correct any trips that occur. But the value of being able to follow the coursing order of bells does not end here. In a method like Grandsire it is extremely useful as an aid to calling the bobs. A good many touches, to say nothing of peals like Holt's ten-part or the Original can be better called by knowing the bells "before" at the bobs, than in any other way. If one learns the calling from the observation bell merely, one's limitations are only too obvious, and while it is sometimes wise that the conductor, especially when he is a beginner, should ring the observation bell, it is much better that he should be able to ring any bell, and a knowledge of coursing order enables him to do this.

Now, having learnt to course the bells with accuracy while ringing, let us see how this is a guide to knowing which of the bells is coming "before" at a bob. It is hardly necessary, perhaps, for me to point out that the bell which is called "before," in Grandsire is the one which makes the ordinary 3rd's place, and is unaffected in its work by the bob. As the veriest tyro will know, the bell that makes 3rd's place is the one that the treble takes off the lead. And not only that, it is the one which the treble turns from behind and which it follows down in hunting back to lead, or in other words it is the treble's course bell. Now this bell is picked up by the treble when, after the previous lead, it reaches 3rd's place going up and the other bell has just completed its dodge in 4-5. At any time, therefore, between this point and when the treble next leads, a bell passing this pair can see them coursing in proximity, and the conductor calls the bob as the first of the two bells leads.

After he has called one bob the conductor can watch the bell that he has next to call before gradually working into position. As each lead passes this bell will be seen one place nearer the treble, or, in other words, with one bell less between it and the treble, until at length the treble is coursing immediately behind it. It is possible, of course, to have a full five leads between two bobs—this brings the same bell "before" at two successive calls. Let us take such an example and see how the changing coursing order gradually brings the bell into position. Let us begin from rounds, with the object of calling a bob when the 3rd comes "before." At starting the 3rd courses up after the bell in the hunt, and we have the bells running 3, 4, 6, 7, 5, 1, 2. The next lead the 5th makes 3rd's, and the order becomes 5, 3, 4, 6, 7, 1, 2. Then the 7th makes 3rd's and the order is 7, 5, 3, 4, 6, 1, 2. Notice how the bells between the 3rd and the treble are being removed. After the 6th has made 3rd's, the order will be 6, 7, 5, 3, 4, 1, 2; and then when the 4th has made the place, 4, 6, 7, 5, 3, 1, 2. Here, then, after five leads, is the 3rd again in front of the treble and the bob must be called. If the conductor has got to call his own bell "before" he needs to be specially on the alert. He ought, of course, to be well aware when he is going to make the 3rd's place himself, but if he should be uncertain and waited till he met the treble after leading, the bob would be late. To avoid this he should look out to see when the treble turns him from behind.

Incidentally I may mention that when a bell is called "before" and another bob follows at the next lead it is sometimes termed calling a bell "before with a double." This method has its advantages; among them it avoids learning quite so many different bells, and it tells the conductor when there are consecutive bob leads.

I have been asked to supply a correspondent with a lead of Union Triples and a division of Erin. I am always glad to give any help I can in any direction to beginners, if they will only write to me. Here are the figures which are now sought for:

#### Union Triples.

1234567  
2135476  
2314567  
3241657  
3426175  
4362715  
4637251  
6473521  
6745312  
7654132  
7561423  
5716243  
5172634  
1527643  
1256734

#### Erin Triples.

1234567  
2143657  
1246375  
1423657  
4126375  
4213657  
2416375

Bobs and Singles  
as in Stedman.

Bob as in Grandsire.

It should be borne in mind that in the light of modern rulings Union is not a "legitimate" (or, to adopt another term, "regular" method), but it is a very musical one, and there are some instructions as to calls and a number of excellent peals in the Central Council's Collection (Section 1). Union is one of the oldest of the odd bell methods. It was practised in Holt's time, and Shipway publishes peals both by him and Reeves. Erin is, of course, one of the newest odd bell methods, and some peals of it appeared in "The Ringing World" on May 19th, 1911.

### ESSEX ASSOCIATION.

The quarterly meeting of the South Eastern Division of the Essex Association was held at Widford on Saturday week, members attending from Boreham, Rettendon, Springfield, Writtle, Braintree and Romford. The methods rung included Treble Bob Major, Stedman Triples and Double Norwich Major.

The service, which was brightened by the organ, at which Mr. Saunders presided, was conducted by the Rev. Thurlow, the Rector, who gave an excellent address, taking his text from the Psalm xlii: "When shall I come to appear before the presence of God."

At the close the members adjourned to the Rectory for tea, which was provided by the Rector and Mrs. Thurlow.

After tea the business meeting was held, presided over by the District Master (Mr. W. Lincoln).—One new member and one probationer were elected, and Brentwood was selected as the place for the next meeting, which is to be held in July.

On the proposition of Mr. C. H. Howard (Master of the Association), seconded by Mr. A. Edwards, a very hearty vote of thanks was accorded to the Rector and Mrs. Thurlow for their hospitality in providing the tea, to the Rector for his very helpful address, and to Mr. Saunders for presiding at the organ.

The members then adjourned to the belfry for further ringing till 7 p.m., after which hour the bells have to be silent owing to the restrictions in force.

### NEW METHODS.

To the Editor.

Dear Sir,—It is quite true that I published the Method in question and named it in the Bell News, but I made it quite clear that I had not the slightest intention of claiming any Method as "mine," even though it was quite indisputable that it had never previously been written out. This one was used to illustrate a law of Method construction that I was then explaining. As a matter of fact it was printed many years ago by Mr. Banks James, and must, I think, be much older still.—Yours truly,  
J. ARMIGER TROLLOPE.

Enfield Town, March 25th, 1916.



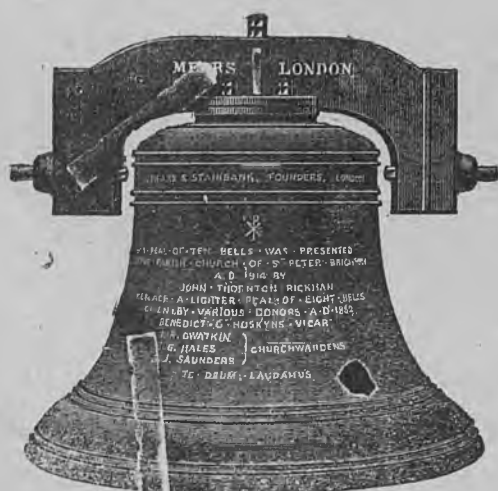
# MEARS & STAINBANK,

Foundry  
Established  
A.D. 1570.

*Bellfounders & Bellhangers,*

**32 & 34, Whitechapel Road,**

**LONDON, E.**



**Tenor Bell, 25½ cwt., of the new ring of Ten at St. Peter's, Brighton.**

## ESTIMATES SUBMITTED

**For Rehanging, Retuning and Recasting.**

**usical Handbells in sets, Bell Ropes, &c.**

*At the Handbell Contest, held annually in Manchester the First Prize for the last 16 years has been awarded to bands using our bells, and on fourteen of those occasions they have gained the Second Prize also.*

## THE CENTRAL COUNCIL.

TRENCHANT CRITICISM.

*To the Editor.*

Dear Sir,—The majority of your readers will, I believe, fully agree with your remarks last week. The Central Council did good work in past years, but has long since become quite sterile. The average ringer pays not the slightest regard to its decisions and opinions, it has no influence in the Exercise, and if it lapsed entirely, which, under certain circumstances, is not altogether improbable, very few would really regret it.

The reason is that it does not represent ringers or stand for the Exercise. What qualifications some of its members have are not easy to see. Others are really representative men, but have no weight or influence in the Council. The power is entirely in the hands of a small circle of men, who are not in touch with ordinary ringers either in the Council or in their own districts. Admission to this circle goes neither by seniority nor by merit, but by personal favour, and the fact that they are individually all good fellows, and for the most part have done good work in the past, only aggravates the case. If the Council is to do any good in the future it must be made to represent the Exercise in fact and not merely in name, and the first essential step to take is to pass a rule that no man shall hold the office of president for more than three consecutive years.—Yours faithfully,  
Ealing, March 26th, 1916. J. ARMIGER TROLLOPE.

## ROLL OF HONOUR.

The following is a further list of ringers who have joined H.M. Forces:—

Albert Harman, of Burstow, Surrey.

J. C. Dean, of Northampton.

From Duffield:—

Pte Albert Cottrell, A.S.C., Base Transport Depot, France.

Pte G. Sandy, 3rd Sherwood Foresters, now at South Shields.

Pte E. A. Jenkins, 3/6th Sherwood Foresters, now at Grantham.

## KILLED IN ACTION.

BRISTOL RINGER'S DEATH.

The Bristol ringers deeply regret having lost one of their members, Sapper A. E. Abrahams, who was killed in France on Monday, March 6th, through the exploding of a mine.

This ringer enlisted in "Bristol's Own," but transferred to the Royal Engineers for the dangerous work of mining, which ultimately cost him his life. He had been a member of the St. Thomas' Guild for the last ten years, and was also a member of the Gloucester and Bristol Diocesan Association. He had taken part in several peals. Little did the members think when the Guild gave him a farewell "sing-song" and a few presents that it would be the last time they would see his genial and smiling face. They feel that if ever a soldier died doing his duty for his country Sapper Abrahams did. The sergeant-major, writing home to the deceased's wife, says he was always "cheerful under the most trying conditions." The deceased leaves a widow and two children, the youngest being only one month old, and to them and the other members of his family the ringers of St. Thomas' Guild tender their sympathy. Pte. Abrahams is the first Bristol ringer to be killed in the war. His father (Mr. Sidney Abrahams) and brother (Mr. W. Abrahams) are members of St. Thomas' Guild and the Gloucester and Bristol Association.

On Saturday week the Guild rang a muffled quarter-peal of Grand-sire Triples to the memory of the deceased, and on the following day, as a mark of the esteem in which he was held at the church, the Dead March was played at the close of the service.

## OXFORD GUILD MEMBER FALLS IN ACTION.

Another ringer to fall in his country's cause is Pte C. C. Norcott, a member of the Farnham Royal band and of the Oxford Diocesan Guild, who was serving in the Oxford and Bucks Light Infantry, and was killed in action while with a machine gun party in France on February 11th. He was a keen and smart young soldier, and, although only 17 years of age, had been at the front about six months. As a member of St. Mary's belfry he had shown the promise of a good ringer, and had rung the treble to six-scores of Grand-sire Doubles and touches of Triples, but gave up the rope for the rifle twelve months ago.

## TREBLE BOB MAJOR.

*To the Editor.*

Dear Sir,—Your nameless correspondent is not very happy with his figures of the quarter-peal of Treble Bob he gives in your last issue, and, of course, I may say they were not the figures used by me. His figures are hopelessly wrong, being false in several places and in different positions, "false course-ends" even staring one in the face—unprotected. If your correspondent will send me his name and address I will write and show him where the repetitions occur, and also send him the actual figures of the 1280 rung at Streatham.

A. J. PERKINS.

3, Mellows Road, South Beddington, Surrey.

## BISHOP RYDER'S CHURCH, BIRMINGHAM.

Our readers will remember that a few weeks ago the announcement was made in our columns of the appointment of Mr. James George as Ringing Master and tower-keeper at Bishop Ryder's Church, Birmingham. Mr. George requires no introduction, his name is known to every ringer in the land, and Bishop Ryder's is to be congratulated on having such a well known and universally respected ringer placed in charge.

It speaks much for the attractions of Birmingham (or the Birmingham ringers!) that when Mr. George retired



BISHOP RYDER'S CHURCH, BIRMINGHAM.

from the service of the L. and N.W. Railway Company, and could have gone to reside in any part of the country he pleased, he chose to settle in the Midland Metropolis, where he has become quite at home, and where he has been heartily welcomed by the St. Martin's Guild, of which he is a staunch supporter.

Mr. George has rung 573 peals, 77 of which are twelve-bell peals, the latter having been rung in no fewer than 19 towers. No other ringer, we believe, has rung peals in so many twelve-bell towers as this. These 19 towers are the following: Ashton-under-Lyne (2 peals of Grandsire

Cinques and 3 of Treble Box Maximus, including the record length of 12,240 in 8 hrs. 39 mins.), 5 peals; Birmingham (25 Stedman Cinques, 2 Treble Bob Maximus, 1 Forward Maximus, 1 Grandsire Maximus), 29; Birching-ton (including 3 in less than 24 hours), 6; Bow, Cheapside, 1; Bristol, 1; Cornhill, 6; Cripplegate, 6; Halifax, 1; Norwich (2 Treble Bob Maximus), 2; Ipswich (1 Stedman Cinques, 2 Treble Bob Maximus), 3; Oxford, 1; Painswick, 1; Sheffield, 3; Shoreditch, 1; Shrewsbury (1 Stedman Cinques, 1 Grandsire Cinques), 2; Southwark, 2; West Bromwich, 4; Wolverhampton, 2; Worcester, 1. Except where stated, all the peals have been Stedman Cinques.

Bishop Ryder's Church, in Gem Street, Birmingham, was named in remembrance of the Hon. Henry Ryder, Bishop of Lichfield (1824-36). It was erected in 1838, and consecrated December 24th in that year. It is a structure of red brick and stone, in a simple Gothic style, with a tower of three stages, rising to a height of 95 feet, surmounted by slender pinnacles at the angles, and an octagonal battlemented lantern. The church was restored in 1874, and in 1894 a new chancel was built and a reredos erected by Sir John C. Holder, Bart., and several stained glass windows were also added in the same year. The living is a vicarage, and has been held since 1900 by the Rev. G. E. Badger, M.A.

Originally the tower contained only one bell, but in 1869 a ring of eight was put in, the money being raised by public subscription. The bells, a nice handy peal with a tenor about 12 cwt. in G, were cast and hung by Messrs. Blews, of Birmingham, and are quite a lively, musical lot to listen to. They were formally opened by a mixed company from St. Martin's and St. Philip's belfries.

Bishop Ryder's soon became a recognised place of meeting for the Birmingham ringers of that day, and many famous men were to be seen there on Saturday nights, among them being Henry Johnson, sen. and jun., known respectively as "Old Harry" and "Young Harry," Wm. Chattell (Old Baker), John Day, Amos and Ned Cresser, John Banister (Woolwich John), W. Heywood, Job Joynes, Sam Jarman and others. Then came younger men, some of whom made names for themselves, such as Harry Bastable, John Carter, Wm. Kent, Harry Avery, John Buffery, and these again were joined or followed by Tom Miller, Walter Bryant, Tom Russam and many others.

After tower ringing was over it was the custom to adjourn to "another place," where, in a room set apart for the ringers, the handbells were brought out, and one could see old and young brought together in the same touch or course. Alas! the old ones are now gone, and the youngsters are no longer young. Carter and Banister would ring Triples, "four in hand," and many other "stunts" would be attempted.

Many a Birmingham ringer of to-day owes his prowess to the lessons learnt among the "old 'uns" that used to meet here on the Saturday night, the meeting having been as regular an institution as the Tuesday evening at St. Martin's.

Since those days the ringing at Bishop Ryder's has slackened off somewhat, but a revival may confidently be expected under the able and energetic leadership of Mr. James George.

LANGPORT, SOMERSET.—On Sunday, March 26th, for morning service, 720 Bob Minor: G. Locke 1, F. Locke (age 13), first 720, 2, T. J. Lloyd (conductor) 3, C. Sandford 4, W. White (age 16) 5, T. W. Creed 6.

## THE NOTATION OF METHODS.

BY H. W. FRIGHT.

On even numbers there must be either two places or none made in each row. Methods and Principles in which the sequence of the courses is unbroken have alternately two places and none, and, therefore, no symbol need be inserted into the formula to represent the rows with no places. The other abbreviations—half lead (or division), omission of compulsory places, writing recurring periods once only, and quarter lead for double methods, remain the same as on odd numbers. The place across the lead-end axis of symmetry must always be indicated, as explained last week, when there is only one bell in the hunt. It will be found that no difficulty arises from writing the places with no indication whether one or two are to be taken for a change—if you are writing a change with a compulsory place you only take one place from the formula, otherwise you take two. There is one additional abbreviation that can be made in Treble Bob Major Methods. If 5, 8 are made in any change when the treble is in 3-4, the 5 can be omitted, for, as it is the custom not to make 7th's except under the Treble, 5th's is the only possible place that could there go with 8th's. It will be found that space is economised, in the case of long formulæ, if they are divided into two (or on higher numbers even more) parts and the parts written below one another. I give below a few examples of eight-bell methods with unbroken sequence.

## PLAIN METHODS.

## COURT.

Single Norwich 41611.	Double Norwich 4361.	61653.	81613.	College Single 8(38)3.
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## BOB.

Oxford 416112.	Double Oxford 4367.	436132	636152	St. Clements. 8(38)32.
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## TREBLE BOB.

Oxford 34(1812)31.	Superlative 3648367.	Gloucester 344836. 125341.	Norfolk 56456361.
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Where the sequence of the courses is broken, every change must as a rule be represented in the formula, a O standing for no places in a change (e.g., C. C. C. 17 Plain Minor 3 4 6 0 1 0 3 2). In cases where it would be impossible to make the places following the O in the change represented by the O, the O can, however, be omitted. For instance, the first O in the formula above is superfluous, for a lead made in the third change of a plain Minor method would cause a bell to lie three blows at lead. This formula would, therefore, be written 3 4 6 1 0 3 2. Thus, when in writing a "broken sequence" method from a formula you come to an impossible place, you know that before that place is a "O" change. Places involved by others can also be omitted. For instance, if you make a 3rd's place in the fifth change of a plain Minor method, the only other place that can possibly be made in that change is obviously 4th's. This can, therefore, be omitted from the formula, and C. C. C. 23 Plain Minor, for example, written 3 4 6 1 3 1 2. This means that when, in writing a method from a formula, you come to a place that prohibits any other place but one from being made with it, you make that one and take the next place in the formula for the succeeding change. Below are a few Treble Bob Major Methods with broken sequence.

Bristol.	London.	New Cumberland.	(R.W., M'ch 3rd).
05804.	(38)242384.	56568.	034840838.
88361.	145(16)275.	056361.	4145014052.

It will be noticed that in the second and fourth examples above I have pushed the "omission of involved places" as far as it will go. For instance, in the ninth change of London 1, 4 are made, but as there is a 3rd's in the eighth change, no place other than lead can be made with 4th's without causing a bell to lie more than two blows in one place. I, therefore, write only 4 for the ninth change. This will be found a convenient means of shortening long formulæ.

I hope I have now explained the condensation completely. The underlying idea is to write down the places made in every change, and then omit every place you can. It would be very easy to write down a lead of a method from its formula, and I think, with a little practice, it would be possible to see a good bit of the work without transforming the formula. But these are secondary considerations. The main purpose is to save ink—and, therefore, money—and this the system would obviously do. As I have not illustrated many principles, I will conclude with a few on eight bells.

## SEQUENCE UNBROKEN.

Leek.  
361836.

## SEQUENCE BROKEN.

(G. Baker)	Barnsbury
36180(3618)2	361836
(360)2	(36)20

## NOTICES.

**SHEFFIELD DISTRICT AND OLD EAST DERBYSHIRE AMALGAMATED SOCIETY.**—The next meeting of this Society will be held at Bolsover on Saturday, April 1st. Bells available from 3.30 to 7.30 p.m. The members of the Committee are requested to meet in the Church Institute at 4.30.—Sam Thomas, Secretary, 19, Stanhope Road, Sheffield.

**LANCASHIRE ASSOCIATION.**—Rochdale Branch. The next meeting will be held on April 1st at Oldham Parish Church. Bells ready at 3 o'clock. Business meeting at 6.30. Subscriptions are now due.—T. K. Driver, The Gardens, Hopwood Hall, Middleton.

**LANCASHIRE ASSOCIATION.**—Bolton Branch.—The next meeting will be held at Tyldesley on Saturday, April 1st. Bells available from 3 p.m. to dusk. Business meeting 7 p.m.—G. Pincott, Branch Sec.

**LEEDS AND DISTRICT AMALGAMATED SOCIETY.**—The next monthly meeting of the society will be held at Idle on Saturday, April 1st. Bells (new peal of 8, tenor 16 cwt., by Taylor) available from 3 p.m. Business meeting at 7.30 p.m., in the White Bear Hotel.—Wm. Barton, Honorary Secretary, 10, Carlisle Road, Pudsey.

**LANCASHIRE ASSOCIATION.**—Liverpool Branch.—A meeting will be held at Walton on Saturday, April 1st. Bells ready at 4. Meeting at 7.—Walter Hughes, Hon. Branch Secretary.

**OXFORD DIOCESAN GUILD.**—United practice at St. Mary's Church, Farnham Royal, at 7 p.m. on Saturday, April 1st.

**THE ANCIENT SOCIETY OF COLLEGE YOUTHS.**—Established 1637.—Meetings will be held at the Coffee Pot, Warwick Lane, E.C., on April 6th and 20th for hand-bell practice, and on the 11th and 25th for business.—William T. Cockerill, Honorary Secretary, 32, Edgeley Road, Clapham, S.W.

**LANCASHIRE ASSOCIATION.**—Manchester Branch.—The next meeting will be held at Radcliffe on Saturday, April 8th. Bells available from 3 p.m. Tea will be provided for those sending their names to W. H. Baines, 15, Church Green, Radcliffe, not later than April 6th. Meeting will follow the tea.—W. Wolstencroft, Branch Sec.

**ESSEX ASSOCIATION.**—South-Western Division.—The next District meeting will be held at Romford on Saturday, April 15th. Bells available 3 to 8 p.m. Short service at 5. Tea at the Fox and Hounds 5.30, 8d. each. Business meeting to follow. All will be welcome. Will those requiring tea kindly notify the undersigned by first post Wednesday, April 12th, at the latest.—E. J. Butler (temporary Honorary Secretary), 3, Eustace Road, Chadwell Heath, Essex.

**THE HERTFORD COUNTY ASSOCIATION.**—The annual meeting will be held at St. Alban's on Easter Monday, April 24th, 1916. Towers open for ringing from 1.30 to 5 p.m. Choral evensong in the Cathedral at 5 p.m., with address to ringers by the Rev. B. H. Tyrwhitt-Drake, Vicar of Thundridge. At 5.50 p.m. meat tea will be served at the Abbey Institute, for which a charge of 9d. each will be made to members. Annual business meeting to follow. The secretary earnestly asks secretaries of bands and unattached members, to advise him as early



as possible the probable number of members attending the meeting, so that satisfactory arrangements can be made for tea. Outstanding subscriptions should be paid at once.—G. W. Cartmel, Honorary Secretary, "Duffield," St. Albans.

**SUSSEX COUNTY ASSOCIATION** (Central Division).—A Quarterly Meeting will be held at South-over, Lewes, on Easter Monday. Tower open at 2. Tea, 5.15, in Church Hall, by kind invitation of the Rector to those who notify me by Tuesday, April 18th. Subscriptions for 1916 are now due.—A. D. Stone, 29, Ashton Street, Brighton.

**ESSEX ASSOCIATION.** — South-Western Division. —Will members and friends kindly note, that during the absence of the Hon. District Secretary (Mr. H. Rumens) on Military Service, the secretarial duties will be undertaken by the undersigned, to whom all subscriptions and communications should be sent. — Ernest J. Butler, 3, Eustace Road, Chadwell Heath, Essex.

**PROPOSED MEMORIAL TO THE LATE WILLIAM SNOWDON.**—The Members of the Yorkshire Association of Change Ringers propose to erect a Memorial to the late William Snowdon in the form of a Brass Tablet in Ilkley Parish Church, near to the Ringers' Window already erected to the memory of his brother, Jasper Whitfield Snowdon. Will any person wishing to be associated with this movement kindly communicate with the Treasurer to the Fund, Mr. H. Williams, New Worthy Cemetery, Leeds, Yorks.

**PEAL BOOKS.**—Price 3s., post free 3/6. Peals written in at 3d. per page. Prices for entering peals in Association official peal books upon application.—J. Beams, West Ewell, Epsom.

#### HOLIDAY APARTMENTS.

**RINGERS** and visitors to Matlock will find every comfort and convenience at Mrs. H. Paulson's, Beech House.

#### LANCASHIRE ASSOCIATION.

A most successful meeting of the Rossendale Branch was held at St. Mary's Church, Rawtenstall, on Saturday last, when members were present from Newchurch, Haslingden, Bury, Ramsbottom, Helmshore, etc. The committee of the parent body also held a meeting, presided over by the president (the Rev. H. J. Elsee, of Bolton), representatives attending from Blackburn, Preston, Pendleton, Manchester, Worsley, Ashton, Bolton, Middleton, etc.

Arrangements were made to hold the half-yearly meeting of the Association at Wigan on May 27th, and the next committee meeting at Ormskirk on July 15th.—A vote of condolence was passed with the widow and family of the late Mr. J. Brogden Taylor, of Waterfoot, who had been a good working member of the Association since 1887, a branch secretary and committeeman for many years.

All the representatives had the same tale to tell—that they were short of ringers at their towers, owing to enlistments in His Majesty's Forces, the ringers being second to none in their patriotism for King and country.

Ringings commenced at 3 p.m. by various mixed bands, and was briskly carried on until time for tea, which was served in St. Mary's Schools. After tea and meeting, ringing was again indulged in, until close on 8 p.m., when the military restrictions of the district put a stop to the activities in the tower. Many short touches were rung in the following methods: Grandsire and Stedman Triples, Oxford and Kent Treble Bob, Superlative and London Surprise—quite an assortment of methods to suit the most fastidious ringer, so that all present felt well satisfied with the meeting.

**SLOUGH, BUCKS.**—Oxford Guild. At St. Mary's Parish Church, on Sunday, March 5th, for evening service, a quarter-peal of Oxford Bob Triples, in 47 mins.: \*G. Bedford 1, R. Flaxman 2, \*A. Leader 3, \*T. S. Smith 4, P. Jones 5, W. Henley 6, E. T. Hooper 7, A. Perryman 8. \* First quarter in the method, and first as conductor by E. T. Hooper.

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