## GILLETT \& JOHNSTON <br> (The Croydon Bell Poundry, Latd, BELL FOUNDERS \& CLOCK MAKERS, CROYDON.

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THE 18: TON RINGING BELL,
the Bourdon of the Carillon of 64 Bells, about to be installed at Riverelde Cedrce, New York, U.S.A.

## ANOTHER TWELVE-BELL TOWER.

The year which is just closing has been one of great activity in bell restoration and augmentation, and it is a striking testimony to the work which has been clone by the bellfounders that, within a few days of Christmas, one firm alone had in hand the completion of no fewer than ten important contracts. Not the least interesting of the augmentations which have been carried out is that which has resulted in giving the county of Berkshire its first ring of twelve bells, the consummation of the scheme being witnessed last Friday, when the service of dedication took place at St. Laurence's, Reading. This is the second ring of twelve to be brought into existence this year-the other being at Walsall-and it will be welcomed because it establishes another twelve-bell tower in a part of the country where, hitherto, opportunities for twelve-bell practice fave been lacking, and, what is more, in a centre where there is every chance of real use being made of the facilities. There are to-day forty-seven peals of twelve in the British Isles, hung for ringing, but we doubt whether in much more than half the towers is twelve-bell ringing regularly practised. From time to time, doubtless, twelve-bell ringing takes place in all of them, but there are many where it is only occasionally heard.

The growth in the number of twelve-bell rings has been really remarkable since the war. In the last eleven years there have been as many rings added as there were in the previous fifty years. A century ago there were just fourteen peals of twelve, in 1878 they had grown to 25 , and now there are 47 . York Minster was the first to possess twelve bells, the augmentation being made in 168 r , but there was a considerable interval afterwards, when there were only ten bells there, and the famous church of St. Bride, Fleet Street, can claim the largest unbroken history for a twelve-bell peal, the trebles being added to the then existing ten in 1719. At one time the practice of change ringing on twelve bells was conifned to the privileged few, and except perhaps in London, Birmingham and Norwich, there were no twelve-bell companies that lasted for any length of time, until the latter half of the nineteenth century. To-day, of course, the position is much different, and twelve-bell companies can be found in many places, but, what is more, the number of competent twelve-bell ringers has vastly increased, thanks to the additional facilities for practice which are now enjoyed. There is every reason to hope that Reading will provide an active centre, where twelve-bell ringing will be encouraged on an ample scale. The Berkshire twelvebell scheme was launched as a venture of faith; it has (Continued on page 818.)

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## ESTABLISHED 176

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## Church Bell Rove and Clook Rope Manutacturer, 64, LEWISHAM PARK, LONDON, S.E. 13

Late of BERMONNSEY and PECKHAM.

Maikor to St. Paul's Cathedral, Weatminater Abbey, Imperial Institute, Centerbury, Edinburgh, St. Albana, Lincoln, Durbam, Peterborough, Melbourne (Australia), Rochester, Dublin, St. Patrick's, Manchester, Durban, and Worceater Cathedrala, ste., eto.

Muffars, Ringing Mats, Matting, Flag Lines, etc., etc.
been carried through in a spirit of enthusiasm, and we look forward to it being the means of adding to the goolly army of efficient twelve-bell ringers that is now to be found up and down the country.

## EIGHT BELL PEALS.

TIPTON, STAFFORDSHIRE.
THE WORCESTERSHERE AND DISTRIOTS ASEOCLATION. (Northern Brance.)
On Saturday, Decomber 14,1929, in Three Hours. At the Choreg of St. Martin,
a PEAL OF 8UPEREATIVE BURPRISE WAJOR, 5056 GHANGES; Tenor 12 cwt 25 lb .

Composed by H. Dains. Conducted by R. Maitrews.

* First peal in a Surprise method. The 100th peal by C. Skidmore and the 50th peal by H. G. Bird for this association.

SHAROW, YORKS.
CLEVELAND AND NORTF YORKSHIRE ASSOGIATION. On Salurday, Decembey 14, 1929, it Three Hours,

Ay the Churce of St. John.
A PEAL OF BOB MAJOR, EOEG CHANEES:
Tenor 16 cwt .
Edward Hudson ... ...Treble $\mid$ Robert Lancaster... Wifliam Broadley ... .... 2 Hrrbrrt E. Pickering ... 6
Thomas Metcalfe $. . . \quad . . . \quad 3 \quad$ Henry Clayton... John Harrison ... ... ... 4 Frrd E. Addisox ... .... Temor

Composed by J. A. Trollope. Conđucted by Fred E. Addison.
First peal of Bob Major on the bells and first peal since 1911. Treble ringer Belongs to Slarow, 2ad to Darlington, 3rd to Middlesbrough, and rest to Tadcaster.

LOWESTOFT, SUFFOLK.
THE NORWICH DIOGESAN ASSOCLATION.
On Saturday, Decomber 14, 1929, in Thet Hours and Seven Minates, At tee Church of St. Margaret,
A PEAL OF KENT TREBLE BOB MAJOR, 5024 CHANEES; Tenor 3 年 cwt.
Stanley Sopling ... ...Treble Arthor G. King... ... ... 5
Edwin R. Goatr ... ... 2 James Spalding ......
John C. Dicken .... ... 3 William Lee ...

- Robrri Spalding ... ... 4 Charles F. Sayrr ... ...Teror

Composed by H. Hogsard. Condacted by E. R. Goatr.

* First peal of Major, and in his 80th year.

BRENTWOOD, ESSEX.
THE ESSEX ABSOOIATION.
On Monday. December 16, 1929, in Two Hours and Fifty-Two Minutes,
At the Chorch of St. Thomas-tge-Mariyr,

## A PEAL OF 8TEDMAN TRIPLES, BO40 CHANEESI

Hgywoon's Variation.
Tenor 20 cwt .

- Robert Hzazel ... ...Tyeble Ernest I. Botler ... .. 5

Grorgr E. Pye... .... ... 2 Frank G. Ringr... .... ...
Frederick W. Richardson 3 Harry Turnbr ... ... ... 7
-Albert Prybe ... ... ... 4 Ernest W. Furbank ... ...Teho* Conducted by G. R. Pyp.

* First peal in the method. Rung as a birthday compliment to Mrs. E. J. Butler and Mr. F. G. Rirge.


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WEITLET B』Y, NORTHUMBERLAND.
THE DURHAM \& NEWCASTLE DIOCESAN ASSOGIATION On Mondiv, Decumbsy 16, 1929, in Three Howrs and Four Minulcs, At the Church of St. Pade,
A PEAL OF LONDON SURPRISE MAJOR, 5024 CHANGES; Tenor $\sqrt{7} \frac{4}{c} \mathrm{cwt}$.
-Wieliam Broors ... ... Ireble | Edward A. Hern ... ... 5
-Robert S. Stratpord ... 2 Ik. Aldbr Gopton ... Richard A. Gogton..... .3 Stephen W. Stratford .... 7 William L. Gofion ... 4 Tbomas T. Gofion ... ...Tenor Composed hy G. Lindopf. Conducted by Thomas T, Gorion. * First peal of London.

ORAWLEY, SUSGEX
TEE SUSSEX COUNTY ASSOGIATION.
On Thurdan, December 19. 1929, in 1 wo Hows und Fifty-two Mirwtes, At the Churce of St. John-the-Baftist,
A PEAL OF CAMBRIDGE SURPRISE MAJOR, 5056 CHANGES: Tenor 13 量 cwt. in $F$.
Mies Florrie Wyman
Treble $\mid$ Nrison Eiluory.
Reginald V. Johnson .... 5 Robert Spret ....... 3 Jack M. Cripps.................. 7 Kenneth Snhleing ... ... 4 Oelver Sippetis... ... ...Tamoy

Composed by C. Midoleton.
ORAYFORD Conducted by O. Sippetts.

THE EENT COUNTY ASSODIATION.
On Friday, Decmber 20, 1929, in Two Hours and Thirty-Nine Menetes, At the Ceurch of St, Pafines.

## A PEAL OF GRANDSIRE TRIPLES, 5040 CHANGES

Holt's Ten-pari.
"Edwin A. Barnett Edwin Barnett, fon Ewin Sarnett. Jon Harry Hoverd ... ... ... 3 Herbert E. Aodsley

## Tenor $22 \frac{3}{4}$ cwt

.... JOHN WHEadon ....... T
Conducted by Edwin Barnett, shen

* First preal and first attempt (age 11 ycars). The anners of 1,2 and 7 aro thre gemerations.


## SIX BELL PEALS.

## MORTON, DERBYSHIRE

THE MIDLAND COUNTIES ASSOCIATTON.
On Monday, December 16, 1929, in Two Hours and Thiriy-Nine Minutes.
Az the Ceurch of the Holy Cross,

## M PEAL DF HIMOR, 50ta CHANGES:

Being four 720 's of Oxford Treble Boh and three of Plain Bob. Tenor 4 cwt. 3 qr. 7 lb.
Hobert Balley
... ...T, Tble Arthor Smithson
Efingst Mallender... ... 2 Bernard Bailey... ... ... 5

- Bernard Porter ... ... 3 Fred Knowles ... ... ....................... Conducted by Fred Knowles
* First peal of Minol. Treble, 4ht and 5th ringers hail froms Blackwell, 3rd from Teverall and the others belong to the local hand. WORTH, SUSEEX.
THE SUSSEX COUNTY ASSOGIATION.
On Wednesday, Deumber 18, T929, in Two Hours and Foyty-Thre Minates At the Chorge of St. Niceolas,
A PEAL OF LONDON SURPRISE MINOR, 5040 CHANGES;
Being seven 720's.
Tenor 9p cont.
- Walter Cbarman
.. ...Tyeb
*Robert Swift ... ... ... 2 "Cecil Nice ... ... ... 5
*Kenneth Snelling... ... 3 Oliver Sirphers ... ...Teror Conducted by O. Sippetts.
* Tirst peal in the melhat.

THRANDESTON, SUFHOLE,
THE SUFFOLK GULLD.
Or Thursday, Decomber 19, 1929, in Two Honrs and Forty-Five Minutcs,
At the Chorce of St. Margaret,
A PEAL OF MIHOR, 50a0 CHANGES 7
Heing thece 720's of Prein Boh and two 720's ench of Fent and Oxiond Treble Bob.
 Conducted by Wallam C. Rumsey.

## BROMHAM, BEDFORDSHIRE.

THE BEDFORDSHARE ASSOCIATION.
Om Saturłar, Decamber 21, 1929, in Chree Hours and / imenty-five Minwtes,
At the Cherch of St, Owen.
A PEAL OF MINOR, EOAO CHANGES;
Heing 720 of Woodbine, two 720 's of Oxford and Kent Treible 13ob, each 720 called differently, 720 each of Oxford Bob and Plain Bob. Tenor 23 ewt.
Georgr White ... ... ...Treble Percy C. Bonnett ... ... 4
Francis Borne ......
Frank C. Tysor $\quad . . . \quad \cdots \quad 3$ | Charles W. Clarke ... .... Temb
Condacted by Chabirs W Clarki

* First peal inside. Riogers of 1,2 and 3 are members of the local company


## HANDBELL PEAL

STOCKPORT.
THF CHESTER DIOCISAN GUILD.
On Thursday, Decomury 19, 1929, in Two Hours and Thirty-Four Minutes,
At 23, Greer Street,
A PEAL OF STEDMAN CATERS, 5079 CHANGES!
Thenor size 17 in A.
Harold Jacrson ... .... ... $\operatorname{i-z} \mid$ Allen F. Bailey .... ... 5 -G
Frederick Pask ... $. . . \quad . . . \quad 3-4 \mid A l f r p d$ Barnes...
Pbitr Laflin ... ... ... 9-10
Composed by Gabriel Lindorf. Conducted by Alien F. Bailey

## A GREEK DISAPPROVAL. <br> To the Editor.

Dear Sir,-Apropos of your recent learling article, a young fimek at my hotel was enlarging a few days ago on his objection to bells. The illustration on the front page of 'The Ringing World' Jarl aroused his curiosity, and coining a new Greek word for the purpose I explajued that it was " a joumal far lovers of bells." At inat he queried how I could find eithen "necessity or beauty" in bells, and proceeded to tell in quaint linglish how they hat disturhed his slumbers at Locarmo. He was sinying af an hotel near the Churel of Madomar del Sasso, "and the monk,' he seid, belled ai 5 bednck. Oh!' (At this point he jumperl in hia seat to indicale the efteet that it had on him. 'And then he beilche it again every half-hour lial eight o'clock.'
As the young gentleman in question makes a practioe of coming to breakfast in lis night attire just beiore 10 a.mı, one can readily undelsfind hat the good monk's efforts to neonsge carly rising did not secure his npproval!-Yours trulg, F. LL. EDWARDS.
Montreux Club, Territet.

## METHOD-SPLICING

## "HINTS ON "SPLICING" AND RINGING MINOR METHODS,'

By John P. Fidler,

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## THE MAKING OF A BELL

## LEOTURE JBY A BELT FOUNDER.

A locture on the lechnical side of bell founding was given by Mr. A. A. Hughes, of the Whitechapel Bell Foundry, before the Now cemen Society for the Study of the Histary of Engineering and T'echnology, at a meeting held at Prince Fenryts Room, Fleet Street dondon, on Deemiter 18th.
In the course of an interesting lecture Mr. Hughes pointed aut that fundamentally the actunl processes of moulding and casting have altered only slightly during the last six or seven conturies. The firsti step in the founding of a hell was to design the slape, and the making of this fesign was perhaps the most imporlant part of the whole work, for the satisfactory qualily of tone depended apon cor reel shape and forrect proportions of thickness al various points The quality of metal, whilsi of importance, was secondary to design. Mr. Fughes wezt on to degeribe in detail the process of mould ing, and contrasted the enre necessary in this part of the work compured with that for commercinl castings, in which it is eustomary to add a percentage of thickness to allow for nachining. In the case al bells there was no machining in the accepted sense of the word, and the founder designed lis bell to produce the note required. It whs for this renson that such particular care was taken with the monaling, as the limits for correction by the tumiag machine were tery amall. The moulds of botll core and cope are subjected to drying at several stages in order to reduee sluninkge to the lowest possible point, nud are finslly given a dressing of plumbago and polished to produce a clearl, smooth surface on the casting, also to prevent hilo metal from luyning into the mould and to aliow of easy stripping' after casting.

## QUALITY AND TONE

Bell metal, continued Mr. Hughes, was an alloy of copper and in, ami, for church bells, the bixture was ahaut 76 per cent. copper and 23 per cont. tim. Many experiments had been macle, but this copper and tin alloy had been proved to bo the best for profucing a clear, pure tone. The note of a bell depended upon its diameter at the mouth and its thickness at the soundbow. Two bells of the same size, but of different thicknesses, would therefore lave different rotes, the thimber of the two being the lower in pitcin. A peal of cight in the diatonic scale were calculated from the following proportions: Taking the tenor as 1, the diameter of the others from the 7 th to the treble would be $8-9$ ths, 45 ths, ${ }^{4}, 2$-3rds, $3-5$ ths, $8-15$ ths, , and each boll would, of course, bo east on the same seale of thickness. As, however, weights varied at the cubes of the diameters, in the case of bells to be hung for change ringing the weights obtained in a peal cast exaclly to this natural scale, would not be satisfacrory, and the smaller anes would be overpowered by the larger ones. It was, tharefore, necessary to depart by calculation from the natimal scale mad gradually to facrease tile weights from, generally spesking, the 6 ih. This naturally necessitated making them larger and, in order to retain the desired note, the thickness muse be proportionately increased. The result was ilat the treble would be ahoul 30 per cent. of the weight of the tenor instead of, accorting fo the natural formula, I咅 per cont

## EXACT TUNING.

modem tuning, the note and harmonic tones were recorded by - tans of special Luning forks, registering the rate whrations per serond for ereli note. Bath bell was troated on the jintle, until its note responded exactly to the desired forks, and a ring of bells so toused could he gunranteed to be absolutely perfect in tune. It was in designing and tuving that the great advance had been made Fin first tuning machines constructed were laid down at the Glounesber Foundry of the renowned Rudhall family, and at the Whitechapel Foundry abont 100 years ago. From deseriptions handed down, these machines were worked by horse or donkey, and it was he madine which repolved, not the bell, as on modem lathes. With hese cally madhines, it was only possible to tune a bell in one zone, l.t., the soundbow, and he hamonic tones were, therefare, neg
fictecd. Previous to these first machines, turing was offeeter by land-chipping metal from the soundhow. Sometimes a hell wotuld lu: sharpened by chipping metal from the exineme adee, the reduced liameler and retention of the ofiginal sourdbow thickness resulting in lesser mmplitude, and, therefore, quicker vibration, giving the higher note.
It had been stated that a few of the early Tinglish fonnders harl sane knowledge of the theory of carrect design. The examples were unosty tomme in the eastern Counties, and one could caly contact will the Flemish founders, or by loaving paid wis to the Continent. One of the most remowned bells in Dast Anflia was tho tenor at Laverlam, Suftell, cast hy Mileg Graye, of Golchester, II 1625 and wnighing abouf 24 cwt. " chi is bell was almost perfectly corvent ir its toncs. The curious thing, however, was that, as good "Fomace as Miles Graye was, his bells wore not consistend in qualily, and one could, therefore, only assume that his knowledge was linitud. Mr. Hughas said his own opinion was that these eerly (unnfers, like their successors, beliewed that atl bells, irrespective of size or scale of thickness, conld be dosigned on exactly the same lines. (Continued in next columa.)

## SALISBURY DIOCESAN GUILD.

WEST DORSET BRANOH: APPRECIATION OF HON. SECRETARY'S WORK
The anmual mecting of the West Dorget Branch was held at Brid + port an Saturday, December 14th, about 60 ringers attending. Service was lield in the Parish Church, conducted by the Rev. S. H. Viggars (Rector), aud an address was given by the Rev. B. J. Langhani, Rector of Maiden Newton.
The usual meat tea followed at the Greylound Hotel, presided ower by the Rev. C. Carew Cox, chairman of the branch, supported by tle Revs. B. Langhnnı, B. Hutton, O. H. d'Ombrain, Messrs. F. Bugler (Ringing Master), W. Z. B. Northover (Depaty Ringing Master'), and Mr. T. Hervey Beams (hon. secretary).
At the tusimess meeting, the president, Ringing Master and Deputy Ringing Master were all umanmously re-glected to office.
The unweleome anotncement lrad then to be made that Mr. Beams felt unable, on mecount of his ill-health, ta earry on all the duties required of the secretary and treasurer. Mr. Beams spoke an his own helaalf, regretting his mability, but offeriug whatever counsel and direction be could to whosoever was appointed to succeed him.
It was unanimously felt tiat the branch was auxious to retain Mr Beams upon its list of officers as long as' possible, and the warm sympathy of the members was expressed to him. He was, thelefore, re-elected formally as secretary and treasurer, and Mr. F. Brooks, of Beaminster, was appointed hon. Assistant secretary, with the tuderstanding that he would shoulder all the active work.
The Chairman then spoke of Mr. Beams' association with the Guild during the twenty-three years since his coming to Bradpole, of his untiring devotion to the cause of bells and ringing, and of his persistenee which had resulted in the established position of the branch to-day and in the existence of ohange ringing over a wide area where it was previousiy unknown. He asked Mr. Beams to accept the gratitude of the branch, which owed all its progress to Mr. Beams
On behalf of the members, the Chairman then presented to Mr Beams a framert address, accompanied by some uscful gifts, towards which every towor affiliated to the branch had sent a subseription.
Mr. Beams, in expressing his thanks, hoped that the member: would assist his successor in every way.
Bradpole, Maiden Newton, Whitchureh, Netherbury and Beaminster were chosen for the quarterly meetings, and it was resolved to hold a bye-meeting at Litton Cheney.

A comprehensive vote of thanks was accorded the Rector of Brid port, the preacher, the organist, and all the incumbents who lad wolcomed the Guild at their towers during the year
A strong recommendation was passed that the Diocesan Guild should press for the inclusion of a practical ringer on the Diocesan Advisory Committee.
The towers in the neighbourhood were available for ringing, and many young ringers enjoyed some good practice.

THE MAKING OF A BELL (continued from previous column). It was, of course, now koown that this was not the case. With alf these early founders' products, it was noticeable that one or two bolls were better than others, and he (Mr. Hughes) thought there was no doubt that they worked largely by rule offthumb methods. It should not be inferred, coneluted Mr. Fughes, that aIl the old rings of bells in the country should be recast. There were still many old rings throughout the country which, despite technical faults, were regarded favourably, and the general effect in ringing was pleasing. It was also possible to retune many old peals, getting their fundamental notes correct and their harmonic lones as meaily m line as possible, with satisfactory results.
Mr. Eucless lecture, which was much appreciated, and followed with elose interest, was illustrated by lantern slides and models.

## NOTES BY THE WAY (cantinued from page 821).

The fortheoring Minor Methods Collection contains an appendix which is both an opportunity and a cliallenge-an opportunity for the Extrcise to see if it has any use for a new style of peal camposition in Minor and Doubles, and a challenge to those who think that only What has always been done should still be done.
Let us remember that ringing is aus art based on a mathematical science, a science so exact and rigid tbat it makes its own rulos. You cannol get very fai from them, Its Iong history and its many developments have left ringiug substantially the same thing as when it starled, and we need bave no fear that it will ever be spoilt by lawless innovations. So I an all in fovotr of experiments, and the more the people who make them maderstand the nature of ringing the better chance they liave of being successful.

UXBRIDGE, MIDDLESEX.-At St. Andrew's Chureh, on Weduesday, December 18th, a quarter-peal of Grandsire Triples in 45 mins. G. Mitchell 1, P. E. Jones 2, J. H. Lueas 3, F. G. Baldwin 4, Nicholls 5, F. Corkc 6, E. W Swift (Grst quarter-peal as conductor and first attempt). 7, T. Setter 8.

## NOTES BY THE WAY

RULES FOR PEALS-A TTME OF EXPERIMENT. BY J. ARMIGER TROLLORE
The recont editorial in 'The Ringing World" on the subject of Conditions for Peals, saises a rather interesting problem. We are deminded that spliced ringing has fuecome a fairly common practice in late years, and that not only have peals been rung in several Major methods, but Triples and Major and Caters and Royal have been rung in the same peal. And we are asked, 'What about Minor and Doubles? May they, too, be rung in the same peal p. Well, the auswer depends, 1 suppose, largely upon how you are going to mix them. You might ring six camplete 720 's of Minor, followen by six complete 120's of Doubles, and although such a performanec cannot be said to be covered by the accepled rules, it is hardly likely that anyone (save, perhaps, a few purists who are not six-bell ringers) would seriously object. But you could not eall it spliced ringing any more than you could call a complete touch of 2,520 Bob Major followed by a complete touch of 2,520 Grandsive Triples spliced ringing. And there bardly scems to be any sufficicnt reason for ringing such a peal. The essence of spliced ringing is that two or more methads are employed in the same composition, and in ringing you pass from one to the ollier in the middle of the touch, and with no more notice than you get at a hob. It is one thing to start a fresin method from rounds, and quite another to pick ap the work for a new method at any odd lead-end. In proper spliced Doubles and Minor ringing you must have a true 720 made up of the two. Such a thing is no doubt possible, but it would involve making each of the bells in turn a covering tenor, a thing which for obvious reasons is not to be recommended. Apgrt from ihe detestable musical result, it would, I think, violate the sound rule of the Exercise that no bell should strike in any one position more than two consecutive blows
One other way, perhaps, you might do it. You could start a 720 of Minor, then in the middle at it switch over into Doubles, ring a whole or part of a six-score and pick up your Minor again, and so by Ghifting from one to the ohber ring a complete 720 and a complete 120. It would not be true spliced ringing, but it might be interesting as an experiment. But would if be worth while? The band that wants to ring it are the only people who can really answer that ques tion, but I should say, sceing that the scope of real spliced Minor ringing is so wide, that it would not be worth while.

But then comes the question, What about the Central Council rules for peal rivging? Camot we settle this question by seeing what they say and loyally abiding by it? 1 should say that they liave nothing to do with it at all. They were drawn up at a time when nobody thought of spliced ringing, and they do not contemplate these things in any way. True, they do not allow them, but it is not fair to say that they forbid them. Nor do I think that we need worry, it present, about hringing our rules up to date. We are passing through a time of development in peal ringing, and experiments are being made. We want to seo what is going to come out of them, and when we know that wo can rewrite our rules. We do not want to legalise formally all these experiments, hut we certainly do not want to stop them being made.

But people suy, 'That won't do. If we have got rules we must keep them, otherwise better to do away wilh them altogether. And do we want to have a state of lawlessness in the Exercise, where overythat argument is that you must undergand what the nature and use of rules in ringing are. And on this point there is a good deal of misunderstanding, People think ihat our yules are like ile rules in such things as cricket and football, which are necessary to the game, And which, if tayer breaks, lie is yuilty of unfaimess. But they are mot. When the essence of a gatme is competition between two people or two sides, you mast liave rates to hold the proper halance between them, and if one side breaks then it is guilty of unfairness. For instance, the bowler who throws in cricket is unfais to the batsman. But in ringing there is nothing of that sort. Competition only enters into it as a side isscte. Orar culcs are not restrictive. They are not intended to provent people from doing things. They are really directions how to get the hes out of ringing. They are the result of the exporience of the Exercise turing conturies, and they say to ringers, "Tf you want to get the best ouf of ringing, to this and do not do that. But if a band chooses to do otherwise, they are quite within their rights, and are guilty of no unfaimess. It follows that if sufficient reason oceurs any hand may break any of these rales and be justified in doing so. Nor will these exceptions alter the fact that for nearly every case the wule is good and should be observed. No rules should stand in the way of the legitimate and naiural development of ringing. The final test must be whether the novelty is a legitimate and nataral development. And that, 1 think, time alone can solve. Fifty years ago (much less than fifty years ago) a representalive body of ringers would have condemned out of hand such things as Little Mothods, or spliced peals. The time was not ripe for them. But now they have fitted themselves into our scheme of things, and we feel they are right and proper and a gain to our art. Novelty just for novelty's sake and things that are freaks are to be stemly discouraged, but if ringing is to live and flowish it must develop.
(Continued in previous column.)

## READING'S RING OF TWELVE

DEDICATION* AT ST. LAERENCE'S, READING.
It is remarkable what results may be achieved when everyone cancerned does his hest, and at the same time makes its possibleand attractive-for others to do theirs. This is practically, the story of the St. Laurence Twelve, which were ciedicated by Bishop Shaw on Friday, December 20th. The matter was only taken in liand at the end of dune, and some time before six months had clapsed the money was assured. The result ja also a witness to the fact that you can have a ving of twelve possessing beauty, body and halance with a tenor of under 24 cwt . Every bell is henrd distinctly in the ringing room, and all are restrained. The 'go' is all that could be desired.
Besides adding two trebles, the treble of the ald ten has been recest and the whole ring taned and lung with new fitting in a cast-iron and steel freme. The work has been carried oul by Messry, Mears and Stainbank, whose representative in clarge of the work in the tower was Mr. Frank Smith.
It was the wish of the church autionities that the ringing at the dedication should be carricd out by experienced twelve-bell zingers, so the foreman of tower, Mr. R. T. Hibbert, applied to Mr. H. Langdon, of the College Youths, who brought down for the occasion some of the St. Paul's Cathedrai band, most of whom are also members of the Oxford Diocesan Guild, and the bells wore heard to good advantrge in a 504 of Stedman Ginques rung at the close of the service.

The original ten hells were a ving by Robert Catlin, which were estored in 1882, when some of the hells were yecast.

## TWELVE-BELL TOWERS

## A COMPLETE LISM

The practice of having twelve bells, lung for ringing, iu a tower goes back to the earliest riays of change ringing. Youk Minstev possessed the first, set up in 1681, but these were recast into a peal of ten in 1765, and there was nok twelve in the towcr again until 1844. It was at St. Bride's, Fleet Strect, that the first twelve-belf peal was rung, and the bells here were made twelve in 1719. Cirencester followed in 1722, St. Martin's-in-Hhe-Fields (1726), St. Michael's, Cornhill (1728), and St. Saviour's, Southwark (1735) cane next, but it was not until 1770 that anolhel' wing af twelve appeared in the provinces. In that year the twelve was completed at St. Mary's, Cambridge, but in the meantime, as mentioned above, the twelve at York had disappeared. Two famons peals followed soon after-Birmingham in 1772 and Norwicis in 1775.

It is interesting to mote that two rings of twelve of former days are no longer iu existence, That at Christ Church, Spitalifelds, was destroyed by fre in 1836, and the ring of twelve at St. Peter's, Sti. Albans, completed in 1868, was afterwarda reduced again to ten.
Here is the list of fings of twelve in Grat Bridam and Ireland, with the approximate weights of the respective tenors:-

## London:

St. Paul's
St. Bride's
St. Martin's
Southwark
Cornlill
Bow
Sharediteh
Cripplegate
Ashton-under-Lyne
Birmingham
Bristol
liuckfast Abbey
Cambridge
Canterbury
Chelmsford
Cheltenlarn
Cironeester
Dublin
Vxeter
Great Yarmouth
Halifax
High Wy"combe
Tpswich
Leeds

|  | Approx welght tenor uwt. |
| :---: | :---: |
|  | 62 |
|  | 28 |
|  | 30 |
|  | .. 50 |
|  | .. 41 |
|  | .. 53 |
|  | - 29 |
|  | .. 36 |
|  | -. 25 |
|  | . 37 |
|  | .. 51 |
|  | .. 40 |
|  | .. 28 |
|  | .. 30 |
|  | .. 35 |
|  | .. 23 |
|  | .. 28 |
|  | .. 45 |
|  | 72 |
|  | .. 30 |
|  | .. 25 |
|  | 31 |
|  |  |

Approx.
weight,


OVER, CAMBS.-On Monday, November 18il, a 720 İlain Bob Manstield Ginn (first 720 on tower helis) 1, D. Adams 2, A. W. T Ginn 3, C. Robinson 4, A. J. Ginn (eonductor) 5, F. Warrington 6. Alsa 720 Woodbine Treble Boh: $H$, Fobinson 1, C. Robinson \& , B. Wayman 3, F. C. Gimn 4, A. J. Gin 5 , F. Warrington (coaductor) 6. First 720 in the method by 1st, and and 3rd ringers, and the first by the Over Socioty.

## SPLiCING PLAIN MAjOR METHODS

## PEALS IN 15 MLTHODS.

BY STEPHEN H. WOOD.
'Ihis article is really a contimuntion of or at seguel to, one which appeared in ' T'lie Hinging World' of August 30th, 1929. In that Hetinle I was dealing musinly with the first 15 methods in the C.C. Collection, mamely, all those whieh are produced by adding one or
 broble,' 5 th's and 6 tin's round the troble, ' 2 nd's plate," "7th's place.
Wi: succecderl in splicing seven of thern into a peal, and, later, sthded six " Lititle 'methods to this number: In doing this wo himited curselves to the ase ol' bolss only, with the exception of two Singlesours at the end of each latri-lis tarn the 'course' of the rows; and I promised to rolum later ami see whather we could get any further by using Singles us well as Molss. I have since investigated this ratiter, and hope to explain in Lhis article how the use of Siugle cunthes us to splice the whole 15 methods into a peal.

In my previous arficle (refored to above) idivided the 15 methods up into four groups and slowed how there are eight false courgeende belween any two of them, namely
$\begin{array}{llll}34256, & 35426, & 63254, & 42635, \\ 42356, & 52436, & 43652, & 35264,\end{array}$
${ }^{H}$ lise problem befote tis now is, therefore, to prodice four sets of buldral couren-ends which are such that no member of one repents with any member of any of the others when trinsposed by any of "tuese eight false course-conds. This sonulds ratier alarming, but in rality it is nett nearly as liand as it sounds. We can at once get in thels-ong id-courbe and onf out-of-course. Wlat we have to do, therrefore, is to wrile down Lwo sets, beth in-course, which salisfy therso couditions; we oan then write down the two correbponding out-of-course sets, making up ille necessary tour.
"Chere ar'e several sulutions to this problem, giving in onch case Lotal of 50 courde-ends-i.e., just half the full number (and, incirimpally, just about earogla to give us a peal).
'llue following is the most oluvious sturl symmeltical solution:-

| ${ }_{\text {A }}^{\text {A }}$. | H. | C. <br> (Out-of-course) | j). (Out-of-course) |
| :---: | :---: | :---: | :---: |
| 23456 | (17-6465 | (0u- 23465 | 24356 |
| 423516 | 32465 | 42365 | 32456 |
| 34256 | 43265 | 34265 | 43256 |
| 42635 | 32546 | 42536 | 32645 |
| 34625 | 43526 | 34526 | 43625 |
| 23645 | 24536 | 23546 | 24635 |
| 35264 | 46253 | 36254 | 45263 |
| 25463 | 26351 | 26453 | 25364 |
| 45.362 | 36452 | 46352 | 35452 |
| 62534 | 52643 | 526334 | 62543 |
| 64523 | 53624 | 54623 | 63524 |
| 63542 | 54632 | 53642 | 64532 |
| 56837 | 65243 | 65234 | 56243 |
| 56923 | 65.324 | 6.423 | 56324 |
| 56342 | 65432 | 65342 | 56432 |

In the nhowe, $A$ and $B$ are in-course, and it will be found that the raws of 4 am just the rows of $A$ written backwnids. C and D are Gut-of-contsc, and fure the same as A and B with 5 and 6 reverged. 'Ilyse four sets will be foum to satiafy the conditions.
Now, we could liave got as far as, lifis hefore, but our trouble was Lunt, while we were limiter to the uge of bols only, it was impossible lo gre from A to $\mathbf{B}$, or funm G lo D. Tlie Siugles will overcome this diffeulty, und it now remains for us to see low we ean best jain us these 60 courses into ane ronned black.
thero again we are likely to get tempornily stuck; bat jt is obvious that there mist lie fray of doing it, so that if we think about it longe enougla nuti hatd elougla wo shatl probably get an iuspiration ot brato wave, Now it will be ohserved that the 60 couree-ends whth we ford using are rather peculine; in enels of them 5-6 are either It hone (i.e, in 5-6, either the righi way or reversed), or else are cutrsiag ench other: and these 60 course-ends have already been
jothei into an admitable peal of Dauble Nowich some years ago by

I wonld ask any who are interested in these maters to follow flais through very elasely, becanga tho way in which Mr. Bankes Jatnes' pron in Double Norwich is bound up with our present difficulties, and Ifse manmer in which it ovoremes them all wilh one foll swoop, as it were, tum suves us from any further worry about fulsemess, is one of the musi fascinating and beauriful things which I have yet met in fur womp at eomposilions.
The limures of this peal


Filevoll linns repentod, wilti wo similarly-placed Singleg, one in cuch lialf.
This is in itself p very clever poal of Bouble Norwich, but I doubl


geveral years later Lo splico many meliods into a peal of Major with such a maximum of simplicity. To begin with, it contains just the courses which we are dealing with, but it does more titan this; it uses only two oalis, Bohs at 'Home' and Singles at 'Oui.' Now a Single at 'Out' in an 8th's-place method has the same effect as a Singleat 'Right' in a 2nd's-place method, and by making this slight variation we at once make room for our end's-place methonk as well as ofr 8th's-place methods, and, moveover, the calls are wow in both cases right at the end of tho course, 6 , there is no possible chance of bits of one caurse repeating with bits of another, cach onn being an entirely separate and indepeudent unit. In fnet, its is all almost toos good to be true
If we write out the peal in full aud mark $A, B, C$ or $D$ opposite each course according to which of the four groups the previous courseand appears in above, we can find aut at once which methods we may use for exch course; there will in each case be a choice of wo For iustance, I have taken the -

Plain Bob, Double Bob and Revorse Boh group for A
Lavenham, Maidstone, Edmonton and Chestevield for $\mathbf{B}$
Sisipway, Highbury, Winchester and Marlborongli for G, and
Double Norwich, Fershore, Double Oxford and Herewnrd for D.
Suppose we find A marked opposite a course, then if the calling is Bols at Home, the method to be rung is Reverse Boh, and if the calling is 'Single at Right,' we may ring cither Plain Bob or Douthe Bob. Ant again, if $\$$ is marked opposite a course, wo can ring either Dotable Norwich or' Pershore if the calling is 'Bolo oul Home,' and either Double Oxfort or Hereward if it is Single ni Right.
So far thing have been going well for us, but wo now find aurselves up against two smags. The first is fairly easily oxercome; we have got to put in two Singles, one in each half, atnd in doing this we mist he careful about changitig the method. We must always clange from one group to another at a Single, and as in this ease we must make the Singles in the middle of the course, we shall have to change the method in the middle of a course.
The second smat is thore serious; it is this: the the onlling is *Bob at Home* in all the 8ths-place method courses, these courses will in no case contain the full seren leads. The Teverse Boh courses will give six leads and the Double Norwich five, but the others will give only four, three and two, according to where the "Home" position oceurs in the course the restult of this is that although wo have 60 courses (and 45 fuld ones are enough for a peal), aven if we spin out the length of our round hlock as fir as possible by putting in ouly one course of Pershore, Majdstone, , Hud Highatry, wo are alil! noorly four courses short of a 5,000 . Tlis is a tragedy, and soriothing drastic must be done about it, There is no choice; il wo are to gel a peal at all we must splice jot some courses with the tonors soparatod. I have dome lhis as simply as possible (and having dine regard for ' trath') by making three calls ai. 'Sth's' in each linlf, and by noking the first of them in each ease at Single instead of at Bob, we get over our first shag at the same time, that an avoid messine up the composition any more than is absalutely neoessary.
1 will how give the tigures of the peal:-
A SPLICED PEAL OF PIAAN MAJOR IN 15 METHODS 5,008 CHANGES.
(5th's) H. R. 23456

## 43256

42635 Reverse Bob.
64525 Reverse Bob. 675234 P. Bob; Dhl. Oxf 645732 Double Oxford.
S 65243 Douthe Oxford. 26354 Lavenlinm. 32465 Lavenlam. 43526 Maidstone. 54632 Lavenham.
\& 56432 Cliesterfield. 45265 Double Norwich 24356 Touble Norwich. 32645 Pershote. 63524 Double Norwich.
S 65324 Herevard. 36452 Lavonham. 43265 Livenlam. 24536 Lavenham. 52643 Lavminam.
S 56243 Edmonton. 25364 Double Norwich. 32456 Double Norvich. 43625 Doulale Norwich. 64532 Double Norwicl.
\$ 65432 Donble Oxford. 46253 Lavenliam. 24365 Lavenham. 32546 Lavenham. 53624 Lavenham.
S 56324 Edmonton. 35462 Double Norwicl. 43256 Donble Norwich. 23204 Reverse.
The ealling for the zecont half is the same as for the first (Conlinutal in nest columa.)

24635 Double Narwich.
62543 Double Norwich.
675432 Dul. Oxf' - Plaia Bobr.
625734 Plan Bob.
65423 Plain Rol.
46352 Shipway.
23546 Highiourw
52634 Shipway.
56234 Mnilborough.
25463 Reverse.
42356 Reverse.
34625 Reverss.
63542 Roverse.
65342 Double Rob.
36254 Shipway.
23465 Shipwry.
42536 Slipway.
54623 Slipway.
56423 Winchester.
45362 Reverse.
34256 Reverse.
2.3645 Reverse.

R2.534 Rowerse.
65234 Tlain Ionl
264.53 Slipws.:

42365 Shipway.
34526 Shipway.
53642 Shipwny.
56342 Wincheste
35264 Reverse.

## YORKSHIRE ASSOCIATION

## A MEETING AT BEVERLFY

The quatierly meeting of the Eastern Diatrict was held at Beverley oll Saturday, December 14th, and was but poorly attencled. The survice was hold in the choir of the ninster, where the Vicar, the Ris. W. F. Rigg, D.D., delivered an appropriate address, in the conirse of which file demise of the late Vicar, Cenon Nolloth, was Louchad upon in affectionate terms.
llea was serven ial the Minster Parish Roon to members represerting towers at Howden, Hul!, Firk Tlla, Markef Weighton, Selhy, Sutton, Withernsea and the local company. The business meeding followed, the cliair being taken by the Yicar.
The anaunl meeting was arranged to he held at Goole in March, and Mr. E. E. Taylor, of Withernsca, was elected a member of the associdation.
A volo of condolence was moved by Mr. F. Cryer and secondel by Mr. W. Gibson, with Mrs. Nolloth on the death of the late Cutran, the merrbers standing a few moments in respectfu] silence.

A amanimous hearty vote of thanks was accorded the Rev. Dr. Rigg for the use of the magnificent peal, service and address, also to the ladies who kindly administored to the wants of the visitors, and t.o Mr. W. Gibson for the excellent arrangements.

This conchded a small but a very enjoyable and harmonious meeting, to which the Vicar contributed in no smatl degree.

## (Ontinued from previous column.)

N.B.-In the 3rd course Plain Bob is rurg till the 'Sth's' pooition comes up (at the gecond leak), and Double Oxford is then rung thll the course-ent, the course cousisting of four leads. In the thir] course of the second half, Double Oxfaud is rung till the ' 5 th's' position conees up (at the 5th lead), and Plain Boh is then rung till the course-end, the course consisting of ten leads. In arranging the melbods I bave as far as possible pul the harder and lesg known methods early, and in this and other ways made the practical performanee of it as ersy as its nature allows.
This peal contains one or two rather unsatisfactory features; to hegin with there are geven methods which only appear once, and in three of these eares only for a short course. There are glso the four coures with the tonors apart, which we had to put in.

I have, however, composed another peal which gets over these diffeulties to s great extent. I will publish it, fud the groups of coursephds $A, B, C, D$ from which it is produced, ita a later issue. It is hased on the game idea, but at the expense of elaborating the calling a liftle bit I have reduced the number of ghort courses, so that the 60 courses, insteal of giving a round block of under 5,000 , now give 6,048 , which is a big improvement.

## MR. GEORGE GILBERT'S 200 PEALS.

 Rung. Conducted.Doubles in tince methods
Doubles in four methods
Minor in one method
Minor in two methods
Minor in three methods
Minor in four methods
Minor in live methods
Minor in seven methods.
Graundire Triples
Bob Triples
Oxford Bob Tripies
Stedman Triples
St. Clement's Tripies
Bob Major
Dauble Norwich Major
Little Bob Major
Canterbury Pleasure Major
Oxford Treble Bob Major
Kent Troble Bob Major
Spliced Oxford and Kent Treble Bob Major
Cambridge Surprise Major
Suparlative Surprise Major
Bristol Surprise Major
London Surprise Major
Stedman Caters
Bob Royal
Kent Treble Bob" Royal
Cambridge Treble Bob Royal
Stedman Cigquos


* Tneludes 11,008 . Thung in 89 different towers and 10 different counties.


## COLLEGE YOUTHS AT DOVER.

To the Erlitar.
Sir,-In reply to the inquiry by Mr. C. Turner in sour issue of December 6th, the College Youtlis rang a peal of Bob Major (5,040 changes) in 3 lus. 2 mins. at Duver (Si. Mary's) in the year 1732.Yours faithfully.
F. WARRINGTON.


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## PHOTOGRAPHS WANTED.

## PICTURES OF CHURCH TOWERS FOR

 PUBLICATION IN 'THE RINGING WORLD.'The Editor of 'The Ringing World' will be glad to receive photographs of churcles, with a view to therr future publication when suitable occasion arises.

The photographs should be accompanied by brief particulars of the bells, with their inscriptions and dates if possible, and any other interesting information about them.

Pictures should, for preference, be photographic postcards, and, where there is any choice, the tower should be a feature.

Obviously, of course, all the pictures cannot be pululished at once, the object of getting a collection being that the photographs may be ready at hand for use when fitting opportunity occurs.
Will each tower secretary be good enough to sead a photograph of his own tower? It should be forwarded in an envelope for protection, and addressed to The Editor, 'The Ringing World,' Woking, Surrey, and the sender should enclose his name and address.

## BELERY GOSSIP.

A happy and prosperous new year to all our friends. May gour fortune always attend them, and their shadows ncver grow less.
The St. James' Socicty (which is now the London County Associafion) was established to give the members of the College and Cumberland Youths the opporturity of meeting and ringing peals hir gether. It was established over a hundred years ago, but it was not the first society that exisfed to meet this particular requirement. As long ago as 1738 there was in London 'the Friendly Society of Ringers. How long it lasted we do not know, but on December $27 \mathrm{th}, 1738$, under its auspices, a peal of 6,180 Bob Majer was rung ut St. Andrew's, Holborn.
A 'John' peal, composed by John Holt, reversed by Jobn Caricr and conducted by John Jaggar, was rung at St. John-the-Baptist 3 Cliurch, Hagley, on December 27th, 1902. The Johns, too, rang it peal of London Surprise at St. Stephon"s, Rochester Row, กu January 2nd, 1904, bat the first Joln peal was rung by the Bromidy Youtbs in 1828.
On hundred and eighty years ago to-morvow the "Twickenham Schollars' raug a peal of 6,000 Hob Major at Twickenham.
A peal of 12,000 Bob Major was rung at Bromsgrove on Decemher $29 t h, 1788$, and on the same day, two years later, a 10,080 was rung at Luceds, Kent.
The 29 ch is also the auniversary of the frrst peal of Double Norwich in Surrey, rung in 1848 at Holy Trinity, Newington, comgosed and conduched by John Cox; and the 35th anniversary of 10,176 Kent Treble Bob Major at Irthlingborough, which was couducted hy Charles W. Clarke.
Two records in their day, set up by the Orford Diocesan Guidd, were made on December 31st, when, in 1881, 15,041 Stedman Caters was rung at Appleton; and in 1892, 12,096 Datuble Norwich at Maidenhead.
James Barham rang his i00th peal on January 1st, 1793. The total
age of the band was 582 years.
On New Year's Day, 1776 a a peal of 8,046 Grabdsire Caters was rung at St. Mary's, Nottinglam, conducted by W. D. Crofts.

The first recorded peal in the belfry of St. George's, Gravesent, was rung on January 1st, 1786, fifty years after the bells had been instailed. The chureh was burnt down im 1727, and the restoration completed in 1736 . The present bells are a fime-toned prat by Messis. Taylor and Co., dedicated in 1923.
Mr. Robert Spalding inust liave created something of a record When on Saturday week lie rang his first paal of Major, for he is in his 80th year. Age is ne bar in ringing. Prior to this peal of Kent Troble Bob, Mr. Spalding liad rung only one other sight-bell peal, namely, a peal of Grandsire Triples, 17 years ago.
If you want to buy or sell handbells, advertise in "The Rinting World.' An advertiser writes: 'I had soven applications from my two adverfisements of set of handbells, and sold then satisfactorily.'
Mr. H. A. Barmett has completed fifty years as a ringer af All Hallows', Tottenham.
The peal of Grondsive Donhles rung at Huish Champflower, December 14th, rud reported in our last issue, should bave been credited to the Bath and Wells Diocesan Association.

## EAST BERGHOLT'S QUAINT BELL HOUSE

The quaintest belfry in this country with a ring of bells is East Bergholt in Suffolk, where at the parish church, dedicated to St. Mary, there is a heavy peal of five bells, the tenor reputed to be about 28 cwt ., hung in a cage in the cluurchyard. They are roofed over, but have neither ropes nor wheels. Each ringer stands on a ledge about two feet from the ground by the side of the bell frame and swings his bell by hand by the stock. The ringers


THE BELL HOUSE.
are guite dexterous in handling their bells and the ringing of them is always an object of interest.

There are various traditions accounting for the strange state of affairs; the least probable being that every time an attempt was made to build a bell tower his satanic majesty, annoyed over something or other, pulled it
down. A more likely explanation is the one that Cardinal Wolsey started the new tower but his 'fall' put a stop to the work. The former nave was taken down in 1520 and a base for a new tower prepared, but this was never completed, and the bells were housed in the cage as it is seen to-day. Some of the bells have been recast.

The church of St. Mary is chielly of the decorated period, with a spacious chancel dating back to 1450 , containing a beautiful marble floor and well carved oak choir stalls. The windows all round are large, and some very


THE BELLS.
beautiful, giving the building a very bright interior. An oaken chest, 1400 A.D., is placed near the organ, whilst an unexploded German bomb, one of forty dropped from an airship in September, 1915, is hung on the south wall. A short distance away from the church is the birthplaw of John Constable, the artist.

## CLERGY AND RINGINC

## To the Editor.

Sir, -May I, as a parson who has recently taken up ringing, join in the correspondence re the above?

First let me say that, while fron the ringers' point of view the ideal thing would be for every parson to be also a ringer, there is another side to it, and one which must not be lost sight of. For it is obvious that to learn ringing absorbs mucin time. Some, it is true, pick it up much more quickly than others, but it requires, say, a year or more to become at all proficient at change ringing. Fow many averwarked clergy and curates in large parishes can give one or two nights $n$ week during that time to learn the art in the midst of n! I their ofher engagements? Even a country parson finds limself much oecupied by evening classes, and many might well argue that his time might be much better spent than in the tower week after week. But if he is not a ringer, how is he to get in touch?

He may visit the ringers on practice nights, if he has time and is not atherwise engaged, but the prubability is that he will not understand what they are fioing, and will feel very much uthe way. On Sundays the bells are ringing before ho gets to church, und if they are having quarter-peals his arrival in the belfry will disconcert tho ringers if he attempts to start conversation with them during the peal. If they ace having change vinging, it is not easy to time one's arrival for the few minutes in between the changes. By the time they stop ringing for tolling in he is probably in the vestry gefting ready limself for the service. And do not forget linat there are often many things he must see to just before the scrvice if all is to go with that smootimess which is so necessary to devoul worship.
It may be said that he should be there early to take the opening prayer. Rut if the parson is single handed, and possibly in the country with fwo chureles some distance part, this may entall a rery early start, and $]$ think there are many of my brethrern who would agroe with me that the last half-hour is a very sacred and precious
prepantion for pinjer and menifation, and not one to be tighty fispensed will. Hiwing for some years lived about a mile and a lagls from my chureh, 1 know sommething of what time and distance meun.
My point is that there is a very real fifficulty in getting in touel with the ringers, even will the best will in the world. It is easy enough for tha ringer to say, 'If parson were different it would he all right, but the question is, " [s it aiways his fault?' I honesty think that if the parson rings himself it helps to bridge the galf, bat, as I have tried to poinl onli, that is not always easy.
But are we not in danger of losing sight of the main crucial point? The office of beltringers should be as zatred an office as that of Sumday School teacher or any ather charchworker. Quite so: thon we must go one step furthor. Spiritual men and women for spiritara work. Aim, pray, work for converted bellvingers. Then there will the no gap between parson and hellringer; both will be one in thatr aims and purpote, they will not only meet in the belfry, but in many other phases in Clureti life aud work. And there will grow up lie: tween them that holy, happy bond of Churstian followslijp whish is only to be found between those who are truly one in the deepest spiritual things. Their bellringing will then be not merely a hobby nor an occasion for sacial intercourse, but it will be a bit of spirithin? work underlaken from the lighest motives. -Yours truly,
F. ARTHER ROUGHTON,

Vitat of Galleywoorl, Essex.
BOURTON-ON-FHE-WATER, GLOS.-On December 16tla, g qumr ter-paral of Grandsire Triples 11,260 thanges) in 43 mins, by the following mombers of the St. Samone Saciety: R. James ${ }^{2}$, Mrs. F. A. Clements 2, A. W. Wrighe 3. H. Gillett (conductor) 4, T', Braning 5, B. T. Pinillips 6, F. A. Clements 7, C. Pratley 8. Mr. Gillett's first quarter as conductur. $\mathrm{H}_{\mathrm{s}}$ is an old and respected mothber of the St. Lawlence's Society

## JOSEPH J. PARKER

## PIONEER IN COMPOSI'IION.

A NOTES SOLTH BLCES RINGFR.

Among the names that will go down to history in ringing is that git Joseph 1. Parker, who, as an investigator of and a pioneer in nsw ideas of anmposilion, was anong the loading composers of a generaliona ago. Mr. Parker lins produced peals which are classics, maf, if only for his famous twolveparl of Giramaire friples-in its nriginal and trunsposed forms it is the most widely rang Grandsire nomposition Lo-day-lig work will always be known in the Exercise. Tant. while ringers have the arivantage of his work, what of the mant One of the most retiring of individuals, one who has nerer songht the limelight, dosepla J. larker', loved by his intimates who ring in and arohid Soutis Buckinglamenshirg, is personally unknown to the larger world outsirle, and it is a delight to us, through the sketch whith follows, from the pens of 'W. F. Fy' to introduce hinu to the ringers of an new genemition. Mr. Parker las just comHated fifty years as steeplekecper at Farmam Royal Clureh, and the present is thorefore a particularly fitting opporfunity for suels ful article.

Turn mear the River Come, in the parish of Hordon, Bucks, on Murch 7th, 1853, Mr. Joseph d. Parker nigrated as a youstg man la Salt Hill, near Silougl, for two years, fund then on to Farmharn Roynl in 1870, where lie was Marmed to an Eton lady, b He Rector, at St. Mary's Churels on April 25th, 1885. Two chiddren (a sou and (inughter) struvive of at fomily of four, the elder san -named Joscph after his Father, and who lad rung a poal or two-passing away in his prime in the year 1920. Early in June this rear Mis. Parker was ealled "way in her 84tll year, athal as troubleg never come alone Mr. 1'arker almost followed her n few days afterwards, having been run down lyy at fast rotor-car while oycling nomy his lome. Fortunately sutous resalts were not ep-perchi-athough his machine was ermmpled up sul] loe was sul about and brused consideriably-for he may yet be seen vecasionaily riding a brand new gle through ilie village. Mr. एarker's trade as a practical boot man shoe maker was carried on at; bwo sloops it the Village
 ocenpiod lou 17 yeurs, the other for 14 years, with the added respranimility of the Post. Ghte work to his mumerous amdertakings.




IN THE HFGINNING.
Farnham Royai Church tower was rebuilt in 1876, and the present back six befls, with now frami, eto, lung by Mears and Stainbank They were made up as II 'six with four old bells, two of which (by Pack and Chapman, dated 1752) were cracked, and two new
 notion rostored tower atul lwells took phaen with open house to noiglohouring bands ol vingers ator thair ederey, from Berks and Harks howers, with sompec in the whuch and a suitable adrlress,

 operate the frolls, fatd the writer las vivid recollections as a young 'Wenthe linml' with that company of daking the second bell in a
 Ifil, inducted Yican io 1877, and his dight-bell band of ringers, Whase lower aml beds had been opeued in 1875 . Daring the speeches refoemare was made ta 'landi-putl' ringing and belfry reform, several lothers howing appeared in Chureh Bells' upon these matters.

Looal dergy were not slow in appreciating the advice of Canor Eilacombe in the eurrent issues of that weakly, whilst the newlyformed West Miedlesest Association end hite Devonshire Guild, both in 1874, followed by Yorks Association, 1875, and Laneashire, 1876, pointed the way ta a Berks and Bucks Asmociation for the utraneement of change ringing in this district.
It took over twelve montis to bring the organisntion into ghape. Drummend was president, Marshall freasurer, and Edwaral Rogers hon, secretary. Rales were drawir un, and the anmual fee fixed at 2s, per head. A mumber of meetings and practices were heled by the ringleaders, Massis. Rogers, Smith \{fvom Drvonporth, Parker, Flarman, Bissley, Allder and F'ussell, during 1878, and on Jamary 1st, 1879, subscriptions were first paid in, the writel treasuring No. 1A receipt of that date, now in his possession.

Mr. 1'sriker is the only survivor of the old Farohans tean-Messrs. Batten (schooimaster'), Beamond, verger, a big man who coulri acarcely climb the old stains, Bavingdon, Crockel, Deadman and Flaxiath-abd with them he dearnct to pull a bell, his assistance having been previonsly secured as a motsician to enahle thens to master haudbell tuye playing for Cluistmas.

## PUBLIC UNDERTAKINGS.

Mr. Parker's appointment as tower formman [ollowed, ant The set about getting new hands, and soon mastered tower bells in Doubles and Minor. Then be tumed his attention to simple compositions on six bells, little dreaning of the mass of figures ho was to wade through in after years. When Quect Victoria's diamond jubilee eame along, it was Mr. Parkel' who urged tle 'trebles' in opposition to other suggestions, and in 1897 the collected the whole of the funds for the new hells and fittings.
With his meighbour, the Iate George Allder, of Burnlamm, he at once set about hanging the new hells in a new frame withont professional linlp, and in Octolser, 1898, with his own band conducted his own composition for the first pal on the octave. On the death of the Rector, the Rev. F. Stirling Barshall, a well-heloved ringers" friend, who lad heen incumbent for 37 years, the parish decided to keep his memory by installing a striking elock in the clurels lower, and the whole of the fands for this wore collected as a labour of love by Mr. Parker, who has ever since 1891 cared Coy and attended to its regular timekeping.
When the Parochial Couneil was formed, under the Local Government Act of 1894, Mr. Parker was one of the first members olected, aud lass served on it ever since. He now holds the pasition of wiceclamiman, with the rdded dignity of heing Fathor of tha Council, As a fire hrigade voluntent he lark on the care of tire hose reel aut lydrants of the parish for sombe time. Fond of music and a matara? musician, lae early jomed the choir as a lemor singer atad played a great part in concert work in many of the neighbotring parishos, with oceasional violin and Euglish eoncertina performances of raerit, and solo handinell table pieces.
It is la bo hoped my accomat is nol wearying to the readers of "The Ringing Work, but ons camot hold a fremadship witla a follow elaurehman for over hati a century whthont going inta a little detail of his life. How mach slould we appreciabe to-day a similas history of some of the early fommers of the art, suth as Gurtion, of Norwieh, Anable and Holl, of Latndon, and several others of centuries ago?

## HIS PEAL RHNGING

When the Oxford Dincesan Guikl was formed in 1881, ilae Berks aurd Bucks Association was taken over en blow by the diocesan body nad allowed to relain its oft title as a branch. For we Guik, Mr. Parker lins scored over at century of peals, details of which are appended, but it is cloubtfis if he will itd another the the list owing to his recent accident. The writer consoles himself with the fact that he shared in Mr. Yarker's fist (Ealing in 1883) nud last (Kitchin in 1925) performances.

> Grandive Caters
> Grandsire Triples
> Oxford Bob Triples Stedman Triples Bob Major Double Norwiclı Superlative Surprisc Camhricige Suprise Kent Troble Boh Seven methods an six hells Five methods an six bells Futu methods on six bells One method on six bells

| Rung. | Conducled. |  |
| :---: | :---: | :---: |
| $\cdots$ | 1 |  |
| $\cdots$ | 54 | 25 |
| $\ldots$ | 31 | 23 |
| $\cdots$ | 16 |  |
| $\cdots$ | 7 |  |
| $\cdots$ | 5 |  |
| $\cdots$ | 4 |  |
| $\cdots$ | 1 |  |
| $\cdots$ | 5 | 2 |
| $\cdots$ | 1 | 1 |
| $\cdots$ | 1 | 1 |
| $\cdots$ | 4 | 4 |
| $\cdots$ | 1 | - |
|  | 131 | 56 |

Of these, 101 peals were ruag for the Oxford Diocesan Guild, 19 for the Midalesex Comty Association, find 11 for ohlior sociehies. It will be noticed that "Grandsire' predominates in the list, which shows that the veterat was born too soon, at a tima when half-pull men were searec, and long journeys on foot had to be undertaken
fur an 'atterapt' that was froqueutly repeated. For instance, at Wracsbury Mr. Parker marle nearly a dozen attempis, some of almost three hours' duration, bofore he was rewarded with "That's all. In addition to the Oxford Guild and Middlesex Association, he also joined the College Youths, Sl. Jumes' and Waterloo Societies in London.

## IN TKE REALM OF COMPOSITTON.

Success with his early efforts in Minor led Mr. Parker to plain Thiples' compositions in Union, Court and Oxford Bolm wethods, and severa) new peals were sent to Farry Burstow, of Horsham (an old friend), and were rung by the Warnham company. Indeed, Mr. Parker was so well recognised as an authority on these metiods fhat he was raked by the Rev. Farle Bulwer to classify a collection, but he gave way in favour of the late Dr. A. B. Carpenter, of Croydon. No conposer of note is free from numerons applications from hudiding conriuctors for information, often of an 'impossible nature,' and Mr. Parker's postbag of the pash 40 years would fill a goodsized brax.
He bas produced several peals of value in Double Norwich, Treble Bols and Superlative, hut it is in the development of now ideas from 1889 onwards that J.J.P. surprised the Exercise by his compositions. All leaders in the realms of method building and composition have, ak one time or another, communicatec with him to their mutual satisfaction and the advantage of the Exercise-Snowdon, Bulwer, Dains, Wnslibrook, Pritchard, Carter and Sir Arthur Foywood, all now deceased, as well as J. W. Parter, of Sunderland, G. Bakef, of Brighton, G. Lipdoff, of Dublin, and the Rev. C. D. P. Davies. With the last-mamed, a good deal of the spade worle was done to produce the two modern works on ringing, viz., 'Grandsire' and 'Stedman.' It is on record that Sir Arthur Heywood, on seeing certain productions ty ML. Parker, thiew over a whole pile of work in owler to start afvesh.
During the carly years of the Sussex County Assaciation clatlenge cup era certain of the committee rather fraved for the trath of the peals rung in the Warnham district, not knowing till later who was the actual composer: Quite recently Mr. Lindoff produced a ten-parti peal of Stedman Triples and wished to elaim it, but was refered to the 'Bell News' of 1889. Again, Wra. Sevier, of Gloncester, seni him years-ago a ten-parf peal of Grandsire Triples by the Rev. $H$. L. Tames, which Mr. Tarker converted into an excellent five-part peal. In recent convergation I have nseertained that much of his early work was entirely wasted in midenvouring to 'produce an impossibility, ${ }^{\prime}$ und it was out after elaborate diagrames, with columns of part-ends to correspond with the 'boh sets " of calling, had been prepared that it was possible to answer the question: "Will it go " Garter's ' 20 courses,' with the help of the two Parkers, soon becane 30 , and then 40 courses us wo know them to-day, and, strange fo say, working independently, each man produced them in exactly fly same way
"The Waterlna Society rang Hult's Original reversed br' Carter, and it was questioned by Challis Winnest with lehters to Mr. Parker, who pointed out that by cutting out the three leards between the Singles, and placing them it the body of the peal, it was quite true. There was at very inferesting half-hour with Carter at the 'Goose and Gridiron" soon afterwards, during a College Youtlis' menting there.
Harcey Reeves, the late editor of "Bell News, had an ambition to call a peal of Stedman Triples at St. Saviour's. Walthamstow. Gartor arranged the conposition-a variation of Thurstans four-part-in suit the 4 th bell as tho observation. This Renwes called. and lad a board erected for it in the belfry. That peal proverl false, but the same composition with the 2nd as observation by Parker runs tuve. When "Bell Nows' started, Harvey, a portiv man, often visited Farmlian Royal foy a week-end, when le woukd engage a pouy and chaise lo drive lhrough the famous Burnham Peeches with Parker, and I ofter heart a roond deal of talking and figuring in various mothods by the pair during onr drive, which ustially finished up at the Dukes Head to moisten the course eads. Mr. Parker had the ptill on him once when Reeves returned his twro ponls of Grandsire Triples on the six-part plan as false, whist they were perfectly fue, a plan which ather composers have since follower up.
What do you consider the most effeotive composition in Grandsircp I asked. 'My 12-part; it is tapable of endless variation, replied Mr. Parker. 'I have it transposed with the second bell as ohservation for a conductor, who is unable to ring at the back end of a ring of eiglat.
This contributions would nat he complete if attention were not Arawn to Mr. Parker's fourfold jubilee, an accomplishment that floes Rerks and Bucks ringer, and, last but not least, fifty years of happy matried life. His many services as a ringer, composer and a committee man for the Ouford Dioceshan Guild were acknowledged by electing him to honomary triembership of 1 he $G$ aikd in 1889, and there is every prospect of his making another jubilee in 1931.
On St. Leonat's Day Four Berks and four Jucks men met at Farmam Church and rang a 'complimentary peal' (as already re-


## THE STANDARD OF STRIKJNG IN PEALS. <br> SOME PCRTINENT REMARKS. <br> To the Editor

Deat Sir,-Far be it from mo to cast animadversious unon ather people's peal ringing. The standard of striking in peals is necessarily arbitrary, for various reasons. However, there is a delfinte minimum of performance below which no ringers should go.

I and moved to these remarks hy what I heard of a penl at Painswiok on Saturday last, by the band which had attempted to regain the twelve-bell recorfl for length. I irust that no one will think I exaggerate, or that I approach the sulygect with anything but an open mind. I say, then, that this performance was no peal, for neither did it start from nor did it end with founds. Not one of the opening rounds was elean, and owing to the careless ringing of two of the litule bels, rounds did not come up where it ought to have done. Of the forty minutes or so of the ringing that I heard, the least said the better. It reminded me of nothing so much as at billiard player jilly knocking the balls about the teble, with no definite ollject in wiew. If a ball goes in a pocket, all well and good. If it doesn't, nohorly cares. And this was from the hand whicly, had it succected in keeping the bolls going for the proposed lengilh, would have taken precedenco, over the band which rang the Sotthwark Stedman, a mugnificent performance, aud ovor the Ashtou Maximus band.
I have just read bluough the foregoing, and see no reason to withdraw one jot of tittle of my remarlis. The two very efficient ringers who were wilh me at the time agreed with me that the ringing was very bad indeed.
I do sincerely trust thai the band, among whicls are some of my very good friands, will take these strictures as Lhey are offerect, i.e.,
spirit of friendly eriticism.
Now, Sir, 1 am not the man to toke an attitude which may be construed as purely destructive. Hence I have a suggestion to nake in regard to all record performances. Is it impossible for the CenEral Council to appoint competent jurges to listen to lhe ringing of these peals? The difliculty which crops up immediately is that were such judges to be appointed, they would have no fixed standiard on which to base their conclusions, but thoy would lave their own vers good selse. and that is not an unreasonahle criterion.-Wours tirals:

Chilcompton, Somerset.

## OLD SLOWE'S GHOST

## A GRAYE WARNING TO YOUNG RINGERS

'Tis oft limes repeated as ' how there's wo ghosts. But, don't you believe it; for lie who sure boasts Upon this moot point-woll, just doenn't know Our long defunct change ringer-Resiman Slowe Mow 'Renjy,' while wearing this ill-fittine coil Whioh poets call mortal, gave much of lig toil To the art of change ringing ; hut always insistod That "sltiking ceme first, the remaindim-existed. 'Tis knows far' at Fnot that old Berrismin 'walks." He was burien seventmat forty, and folks Declare that on practice mights lie"s "nasing " monnd, When yaid thindi he was sefe fueked away undergiound. If the "striking' be had, then an "eura" is sem To materialise nver the elasely eropned green Into "Beujy" himself! u-dancing a jig
In his threcconered lant and his pumb-handed wig. When the belis fall' in peal, and the light are turged nut, It is then that had strikers' fheir fears iry la flout. Quite ugeless, howevor! they just hrve to fane him: If they take to their heels the can nown ontipace him. The end of this race is a Eertiblo flawacle hs a slumed blow poes home eross the hroml of the brek. The striker now stricken, duck-bellows for mercy, And as Harhan wonld say, 'it's now onite wict wersey Rut afterwards, in the smoke-laden saloon Of thak goond honse of cheot, 'The Forkshire Dremoon, It's thon that "mine host," from tho vietinn in pain"
Takes loll, winks, and says, What! olil "Henjy " agan? CASCABEF.

## FHREE GENERATIONS IN A PEAL

Wiwin Barnett the thire las scored lis first posal at the agr of elaven years, and will warn tha hearty congratulations of the Erer
 being one of the very rarer examples of three gramrations trikilag part. We hope the three Edwins may ring many mote peals togethev, and thad some day Edwin Barnett [, and Wiwin Baruots II will ring in a peal conducied by Fawin Pamelt III.

## GLIMPSES OF THE PAST.

## LAVENHAM'S FAMOLIS TENOR

The 'Saturday Magazine' of October 17th, 1832 , lad the following paragraph in praise of Lavenlam tenor, still held to be one of the finest old bells in the country: At Eavenliam, all obsaure little towe in Suffolk, once celebrated for the manufacture of blue cloth and hand-spun yarn, stands a noble monument of ancient munificence, rankerl among the most benutiful Gothe fabrics in the kingrion, hoth for durability and grandenr. In the steeple of this church is a bell, waighing only $2,576 \mathrm{lb}$., with such a melodious note as to be nniversally styled "The Matchless 'Tenor '; and 'Magna Britanaia, treating of Lavenham bells, says: "The tenor hath such an admirable note, as England has none to compare to it.'

- Its weight, its shape, its size alike admir'd,

And tone wharewith each ringer is iuspired,
The merry eight with music fill the ear;
Enlerpe, too, invites from far and near.
And thongh, in floniling, all sounds slowly die,
They're quick revived by Echo's sweet reply
Heavd filrough the woods their soft melodious ring
Inspires the warbling feathoved tribe to sing,
Nestling 'mid laves, or skimming o'er the plain,
Distinct to hail each harmonising strain."
Tradilion says that at the time of casting this tenor bell at Lavenham (1625) somo rich wool staplers there and other gentlemen in the neighbourhood contributed great ganntities of silver, and even gold, to the ustual melal, which may, perliaps, acenunt for the vast sumpriovily of its tanc. Three roods of land were left to the church by some sdmirer oif ringing for the ropair of the bell ropes. Judge Hale, Simon De Fwes (one of the most learnec antiquaries of his titme and lord of the manor of Litvenhum), and William Ceci] [Lord High Treastrer of England) were celebraided bellringers, and no doubt travelierl miles to assist at the rejoicings of village festivals.'

## BOW STEEPLE.

Bow hells, still silend for want of that altention which all ringers are looping will soon be given to them, arm perlaps the most famous in the world, and the stecple is one of Wren's mataterpieces. It is recorded that about the year 1190, one Longbeard, riaglender of a furious mob, sought rafnge in the spire of Bow Church aud refused to surronder himself to the authovities mintil compelled fo alo so by their cotting fire to lis place of retreat. In 1271 part of the sieeple fell, and, says Stow, the historian, 'slewe manie people, men and pomen, that thon were in the clinch, or dwelled neere there or ahout.' The old sleepla was entirely reluilt about 1460, when the Commar Council of the Gity of London oudered that 'Tow gell, should he rung nightly at nihe o'clock in order to release the Londas 'prenlices.' This belt, says, Stow, heing usually rung somewhat late, as saemed to the young men 'prentiees and others in Cheap, they made and set up a rhyme against the elerk as followeth:Clerke of the Bow Boll, with the yellow locks,
For thy late ringing thy lioad shall have knacks. ${ }^{3}$
Whemeunto thas clerk, replying, wrote
Children of Chenpe, hokd you all still,
For you shall have the Bow Bell rung at your will.'
This Tow staeple suffered in the Great Fire of London, and Wren's gohle giructare is its suceessor.

FORTUNE SEENT ON BELLRINGING.
One of the most notable of the lords of the maner of Cowley (Gleucesilershire) appears th have been Heny Brett. He was an ecentric man, and was remarkable for his fondness for bellringing, which je gratified by constantly travelling abont the comentry with a mampany of ringers. So costly was lhis amusement that in the end he is said Io have thus dissipated a splendid fortune! He gave a $\left.\begin{array}{rl} \\ 7730\end{array}\right)$ of six liells to tho Chutch of St. Mary, at Cowley, in the year 1730.

## WHEN *GREAT PAUL' CAME TO TOWN.

Whan 'Grent Pasal ' was brought from Loughborough Foundry in Lendon in 1881 it mede $\pi$ kind of trimmphal progress through the country. It was drawn on a Irolley by traction engines, the velicle with its loail weighing about 22 toms. Onc day's journey was planned from Leighton Buzand to Dunsiable, hut hetween Fenny Stratford nund Breckhil] the trolley bennme stuek in the mud, and many atleunats hat to be made hefore it could be extricated by janks. The roadway was too soft for the narrow wheels of the heayily-ioaded wagon, and the experiment was made of puling down boiler plates for the velicle to travel ous. This, linwever, met with little success, and naly 100 yards was covered in the day.

The first. 'Thig Ben,' cast at Stockton-on-Tees, also met with misfortune on its journey. TL wns brought by boat to London, and while being mishipped fell into the w'ater. Tt was recovered, only, however, to be Fractured and rendered useless.

HINFD HOR NOT RINGING
Of ringing upan historic oceasions there are many quaint recouds in old parish doctaments, the details laving been preserved because nf tha payments mate by the shurchwartens to the ringers, which were duly elarged up in the parish accounts. At the time of the tivil wars, the barson and the ringers did not apparently always feel safo in their colchrations, and veered from side to aide in iheir
loyalty. At Wrington, Somerget, the ringers were paid to ring when Henrieta Maria rode though the little town ou her way to France, but in 1651 a payment of five ahillings was made to the ringers 'for ringing for joy of the route of Worcester, ${ }^{\dagger}$ and in 1652 the like sum, ' when the Lord Protectar was proclaimed,' with another payment in 1857 for 'God's discovery of the bloody plot against the Lord Jrotector.'
Sometimes the nouringing of bolls brought its penalties. The people of Twiokenham, while husied in reaping neglected to have the bells rung when Charles I. passe, through their town in 1647, and 10 is rocorded that they wern muluted in a penally of 13s. Ad. 'for default of ringing in barrets when the King came by twice." In 1529 Queen Gatherine was at Reading, and in consequence of the bells failing to be rung the sum of eightpence had to be paid to her almoner. Earlier still, in 1410, Arcbhishop Arundel suspended cerlain churches in London, 'with God's holy organs and instruments in the same, becatse when in open daylight, passing on foot througls the cily with his erass borme before him, the bells did not ring outt.

A BUKES RXPERIMEN'TS AT BRISTOL
It is said that tho St. Nichalas' Guild of Ringers, Bristol, owes its charter to a royal wiait which Quecn Elizabeth paid to that city. One of her rictims, Thomas, Duke of Norfolk, whose death warrant was thrice sealed, but only twice effectually revoked, lad some lope of ringing, and experimonted on bells in Bristal. At the Temple Chureh, where thore is the famous laning fower, it is said he had the hells rung tu see whether the tower rocked during the process. It must have been well tested, if it was not more gently tried than was the leelfy of St. John's in the same city, where there is ontered in the church accounts far the same year, Paik for reparation upon the church at the ringing of the Duke of Norfolk, 9s. Ild.,' a sum whinh represents about 810 in modern money.

PEALS AT' GHREWSBURY.
The "Shnewshury Chronicle" has given the following details af peala rung in that town up ta 50 years ago:-

The recorded peals of 5,000 or more clanges, rung on our town church bells within the last 144 rears, amount to 21 or n littlo mone, on an average, than one peal for every seven gants. The first of these peals was rung at the Abbey in 1735, comprising 5,040 Grandsire Triples, and lie same peal was repeated the following year in the samo tower. It is stated that three peals in the same mothod, and containing the same number of changes, wers rung at Old St. Chad's in 1702,1769 and 1770 respectively, and, in the same old tower, a peal of Grandsire Catery was successtully performed in 1772. Mr. Holl's celehratod peal of Grandeire Triples seems to lande been rung for the first time in our town at St. Mary's in 1778: a peal of Treble Rob Majar was rung at the Abbey in 1783: in 1798 a prai of Gramelsim (eight-in) was mung at St. Mary'e. Onr local socioty of change riugers must have bren in good forme ot that date, for in the following yeal (1799) they succeeded in completing a peal of Grandsire Cinques at St. Chad's remarkably distinguibhed for its fine striking: and in 1800 they surpassed themselves by the far moro difficult task of ringing a jeal of Oxford Trelsle Bob Maximus in the same tower.'

## THE RINGERS OF CHEW AN OLD RFYME.

Here's a health to John Northeote,
And James Rendall, too,
They arade a new Sconch*
For the ringers of Cliew.
This new sconch was made
For to rise and to fall
And the name of John Northeote
Shall reign above all.
In the year of 1804
This noble fine soonch
Was brought into Chew Tower,
Which made all the tingers
Rejoice and to sing,
Here's a liealth to John Northeate,
And God save our King.
If a Gentleman calls
This new sconcli to see,
There's no harm in treating
Such ringers as we.
We can ring Bohs and Singles,
Fxtremes and true blues.
There's no ringers can compare
With the ringers of Chew.

## Choris:

Twinkle, dillo, Twinkle dillo, 'lwinke dillo, dillo, dillo, dillo, For he that loves a pretty gitl Is a jolly good fellow.

Scomeh = sconce?-a ther-hmanched candlestiok. Chorus reminiseent of the Sussex hlacksmith's song.

## SUNDAY SERVICE TOUCHES

TXETER.-On Sunday, December 15th, for evening eervice, at Heavitree Parish Church, a guarter-peal of Stedman Triples: J. Sand over 1, W. Lethbridge 2, J. Oke 3, T. Laver 4, W. Richardson 5 , 6 . Glass 6, F. J. Davoy (contuctor) 7, W. Bedford 8.
STONY STRATFORD.-At the Chureh of St. Giles, on Sunday, Docember 15th, for Gonfrmation sevvice, a quarter-peal of Grandsire Triples ( 1,260 changes) in 46 mins. : E. Yates 1, H. E. Tomkins 2, T. C. Tompkins 3, E. C. Lambert 4, W. Neale 5, W. W. Bonham 6, H. O. Edwards (conductor) 7, T. Trazler 8.

BLETCHLEY, BUCKS.-On Sunday, Decomber 15th, for morning snryice, at St. Mary's Clurch, a quarter-peal of Grandsire Triples ( 1,260 clhanges) : F. Vickers 1, F. V. Sear 2, J. Mead 3, A. Crane 4, j. Marks 5, E. Marke 6, H. Sear (conductor) 7, W. Sear 8. Rung on the occasion of Mr. E. Marks' golden wedding.

BEACONSFIELD, BCCKS.-On Sunday, December 15th, at the Parish Church, for Confirmation service, a quarter-peal of Stedman Triples ( 1,260 clanges) by the local band in 50 mins.: F. W. Buckland 1, Miss K. E. Fletcher 2, Miss D. R. Fletcher 3, Harry Wingrove 4, Jesse Harrison 5, W. H. Fletcher G, R. Buckland (conductor) 7, F. Jamb 8 .

SHERBORNE ABBEY, DORSET-On Sunday, December 15th, for evening service, a quarter-peal of Grandsire Doubles in 52 mins, S. Gallop 1, W. Lamher 2, D. Clothier 3, Fi. Price (conductor) 4, $G$. Vowles $5, \mathcal{J}$. Ellis 6, P. King 7, H. Pope 8. Phis was the first quar-ter-peal ever rung on the Abbey bells by a local band, and it wat rung as a compliment to the Vicar (Canon S. H. Wingfield Digby) upon his election the previous day as chairman of the North Dorset Brasch of the Salisbury Diocesan Guild.

WORKSOP.-On Advent Sunday, at the Priory Cliurch, for eveuing service, a quarter-peal of Boh Major ( 1,264 changes) in 47 mins . W. Brunt 1, Miss Etluel Winrow 2, B. Smith 3, S. Jordan 4, 8. Walker 5, G. Hardwick (conductor) 6, H. Jordan 7, S. Eastland 8.
TOTTENHAM.-At All Hallows' Churgh, on Sunday, November 2, W. J. Ellis 3, C. T. Coles (couductor) 4, W. Dickinson 5 , H. W. H. Strickland G, H. Ellis 7, E. A. Hull B.-On Sunday, December Ist, a quarter-peal of Kent Treble Bob Major: *H. W. H. Strickland 1, *Miss P. Upsher 2, W. J. Ellis 3, H. A. Barnett 4, J. G. Nash (first quarter in the method as conductor) 5, M. Fensom 6, N. Tomliason E. A. Hwll B. * Trirst quarter-peal in method.

FEERING, ESSEX. On Sunday, November $17 \mathrm{th}_{1}$ for Remembrance service, 1,024 Bob Major: S. Fialer I, W. Keeble (conductor 2, C. J. Rogers 3, G. Hayward 4, J. C. Newman 5, F. Fludder 6, L. A. Clark 7, C. Button 8
KELVEDON, FSSEX.-On Sunday, November l0th, for alternaou service, 720 Kent Treble Bob: F, Dale 1, W. Keeble (conductor) 2, G. Hayward 3, J. Elliott 4, W. Elliott 5, C. Button 6.

MAIDS MORETON, BUOKS.-On Sundey erening November 10th, half-muffled for the Armistice, 720 Bob Minor: C. Everitt 1, E. Nicholls 2, H. Stopp 3, H. Jones, jun., 4, H. Jones, sen., 5, J. Stopp (comtuctor) 6.
COMPTON MARTIN, SOMERSET.-On Sunday, November 10th, for Armistice service, at St. Michael and All Angels' Church, a quar-ter-perl of Grandsire Doubles with the bells half-muffled in 45 mins.: J. House 1, C. Field 2, W. Webb 3, J. Tossel! (conductor) 4, F. Tossell 5, E. Tossell 6.
OYER, CAMBS.-On Sunday, November 3rd, for morning service, 720 Plair Bob: D. Adams 1, H. Robinson $2, W \mathrm{~m}$. Bavin 3, R. Thotigy 4, C. Robinson 5, F. Warrington (conductor) 6.

AVERAVON, GLAM-On Sunday, November 3 Zd , for evening service, a quarter-peal of Grandsire Triples ( 1,260 changes) in 45 mins.: G. Hughes 1, W. Williams 2, W. Nurton 3, E. Stitch 4, C. Matliers 5, F. E. Stone 6, A. J. Pitman (conductor) 7, J. Weathersby 8.
CHARING, KENT,- On Sunduy, November \}rd, for evensong, 1,260 Grandsire Doubles in 46 mins. : M. Johnson 1, A. Waddingtou 2, W. Henniker 3, W. Goor 4, F. Good (conductor) 5, A. Foreman 6.

LONDON.-On Sunday, November 3rd, for the festival of 'the harvest of the sear, at Sit. Dunstan's-in-the-East, City, a quarter-peal of Stedman Triples: T. H. Taffender 1, A. F. Petrie first quarterpeal in the method) 2 E. J. King (conductor) 3, W. D. Grainger 4, T. Wiugh 5, F. W. Thornton 6, W. Rogers 7. E. J. Brown 8. Algo after morning and before and after evening service, touches of Grandsire, Stedman, Treble Bob, Csmbridge and London Surprise Major were rung, in which Messrs. W. Hardy, T. Wyath, E. J. Maye, A. Cutnore, G. Dawson, A. Prior, E. D. Smilh, G. Cross, E. Garrard, W. Bullen, G. Card, G. Gilbert, J. R. Gammon and w. Armstrong took part
CIRENCESTER, GLOS.-On Sundry, October 20th, for morning sorvice, at Haly Trinity Church, Wutermoor, a quarter-penl of Grandsire Triplos (1,260 changes): F. J. Lowig, jun., 1, F.J. J.ewis, sen., 2, A. W. Bond 3, F. C. Bond 4, H. S. Parsons 5, H. Lewis 6, W. H. Harward (conductor) 7, F. Edwards 8 . For evening lervice at the Parish Clurch, two courses of Grandsire Cincues: F. W. Bond 1, F. 1. Lewis, jun., 2, H. L. Cook 3, A. W. Bond 4, F. J. Lewis, sen, 5, H. S. Parsons 6, J. C. Eden 7, F. T. Collins (Croydon) 8, H. C. Hond 9, H. Lewis 10, w. H. Hayward 11, F. Edwards 12..

## THE BELLS OF ST. CLEMENT S

RINGING DEFENDED AMONG NOISEB OF LONDON.
The bells of St. Clement Danes, London, Have recartly some under the lash of those who object to bellringing. Ono London Hewspeper gave great prominence to the complaint made against them, and the Rector, the Rev. W. Penningtan Bickford, who is ane of the best clerical friends that ringers have in London, has spiritedly defended the ringing.
The 'Daily Telegraph' las taken up the cudgels on belalf of the bells, and in a leading articles said:-
' The bells of St. Clement's are famatus, not only in the nursery rhyme, but in fact. Seven of the ten date from William IIf.'s clay, and their music is sweet. Yet it sppenrs that some of the few neighbouring residents object to their ringing. Bells, they think, who to be unheard as well as unseen. Barristers poring over their briefa by lamplight are disturbed by the pealing from St. Clement's spire. They do not shave Tratty Feck's awed admirntion for the deep, atrong melody that Dickens has described so well iul "The Chimes." They have no bympathy with the ancient aud peculiarly English art of change ringing which the Rector of St. Clement Danes has encouraged at lis church. Grandsires, Treble Bobs, and Plain Hobs are all equally abhorrent to them

There is no arguing with the indignant Templats who dislike church bells, but accept the roar of the streat traftic 1 a matter of course. It may be suggested, however, that the evening peals which five Guilds of change ringers perform on Sainday afternoons and on occasianal evenings at St. Clement's are so exceptional in moderm London as to deserve encouragement rather than reproof. Travellers who have heard the nightly carillon in the towns of Belgiun and Northern France often regret the silence of our London belfries, gave for the Abbey. Many a good peal of bells, hauded down from generations that delighted in their aerial melodies, longs neglected. When there are eathusiasts who like the akilled tenm-work and hard exercise of change ringing, it would be a pity to deter them. London is noisy enough, in all conscience, but it would not willingly part with the bells of St. Clement's.
The Rector, writing to the 'Daily Telegraph,' stid: ${ }^{\text {thaving re- }}$ gard to what has appeared elsewhere, I think, in all fairness to our beautiful belle and to the public, it is due from me to say that I have had no complaints, written or verbal, from any resident of the J'emple, excepting just one instance, which was settled most amicably, or from any of his Majesty's Judges at the Royal Courts of Justice, during the nineteen years that I lave been Rector. On the contrary, when the fanous peal was silent, some years before 1919 , I found that these renowned bells had so many admilels, both far and near, that there was no difficully whatever, in a very short space of time, in providing a now steel frame, which had hecome necessary in order that the London publie could hear them again. The late Queen Alexandra set the bells ringitg after this long period of silence, and the subscribers included some of lis Majesty's judges and several residents of the Temple.'

## BISHOP AND RINGERS

A visit by the Bishop of Guildford to Haslemere an Thursday, December 19tiz, for the dedication of an organ, whick an anonymous donor has givea to the Parisil Church, provided an opportunity for a small but happy gathering of ringers who met there to pay the usual campliment due to a pribec of the Charch whell visiting in his own diocese.
Several touches of Grandsire Gaters were rung befove and after the dedication service, the following ringers being present: Messrs. A. Furlonger, B. Elliot, F. Bowden, R. Overy, J. F. B. Hesse, W. Eldridge and R. Hayes, of the local hand, Messrs. A. J. Bartlett, Chiddingfold, W. and R. Melville, A. FT. Puling and C. Hazelden, Guildford.

After the service, the Bishop visited the ringing chamber and expressed his surprise and pleasure in finding a full company of ringers able to be present for a mid-week function. His Lordship conelurled by wishing the ringers every success and happiness in their wark for the Church.

## MISCELLANEOUS PERFORMANCES

BGRNHAM-ON-CROUCH, ESSEX.-At St. Mary's Cliurch, on November 2lst, a quarter-peal of Bob Minor ( 1,260 changes) in 47 mins.: A. H. Stebbinge 1, T. Ringrose 2, S. Bigmore 3 , W. G. Gridley 4, H. S. Barker (conductor') $5, ~ H$. Stebbings 6 . First quarterpeal on tile belas by a local banc.
ICKLETON, CAMBS.-On Thursday, November 14th, at the Parish Church, a quarter-pen of Grandsire Triples ( 1,280 changes) in 49 mins.: W. Smoothey 1, L. Lilley 2, P. Webl (conductor) 3, L. Flitton 4, R. Clements 5 . G. Lilley 6, W. Flitton 7, A. Lilley 8. First quarter-peal by treble and 2nd ringers
APSLEY END, HERTS.-At Si. Mary's Church, on Wednesday, November 13th, two 720 's Grandsirs Doubles, ench in 24 mins. First 720: G. Palmer 1, E. Pictoll (first on a warking bell) 2, A. Y. Good 3. R. Bruce 4, F. Tompkins 5, C. J. Henley (conductor) 6. Second 720 : R. Bruce 1, G. I'almer 2, C. J. Herley 3, A. V. Good 4, F. Tompkins (first 720 as conductor) 5, E. Picton 6.

## NOTICES.

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

All communications should be sent to The Editorial Office of 'The Ringing World,' Woring, Surrey.

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

ANCIENT SOCIETY OF COLLEGE YOUTHS (Established 1637),-The subscription of 1s. 8d. which entitles members who have not met twenty times in the previous year to vote on matters of finance is now due. Meetings for practice will be held at St. Magnus' on Jan. 2nd, 16 th, 3 oth; *St. Giles', Cripplegate, or the Coffee Pot on the $7^{\text {th }} ;$ St. Andrew's, Holborn, on the gth (8 p.m.); *St. Paul's Cathedral on the 2ist; Southwark Cathedral on the 23 rd ; at $7.30 \mathrm{p} . \mathrm{m}$. *Business meeting afterwards.-William T. Cockerill, Hon. Sec., Frodingham, 32, Edgeley Road, Clapham, S.W.4.

BATH AND WELLS DIOCESAN ASSOCIATION.Frome and Midsomer Norton Deanery Branch. - A special meeting, following the augmentation, will be held at Radstock on Saturday, Dec. 28th. Bells (6) available al 2 p.m. Divine service at 4 p.m. Tea 5 p.m. -R. T. Clark, Hon. Sec., High Street, Timsbury, Bath.

RADSTOCK, Somt.-Ringers' opening day, Saturday, Dec. 28 th, of the augmented peal of six hung with modern fittings in a new oak bell frame by Taylors, of Loughhorough.

TILSWORTH, Beds.-Dedication of the recast and augmented peal of six peals hung with modern fittings in new cast-iron flamework by Taylors, of Loughborough, is to take place on Sunday, Dec. 2gth, at 6 p.m.

DURHAM AND NEWCASTLE DIOCESAN ASSO-CIATION.-The next meeting of the Southern District will be held at Stockton-on-Tees on Wednesday, Jan. ist. Bells (ro) available from 2 p.m. Tea at 5 p.m. Ringers requiring tea please notify me not later than the 3 oth inst. All ringers welcome.-J. T. Titt, Hon. Dis. Sec., 7 r , Surtees Street, Darlington.

BATH AND WELLS DIOCESAN ASSOCIATION. -A quarterly meeting will be held at Long Ashton on Saturday, Jan. 4 th. Bells 2.30 p.m. Evensong 4 p.m. Tea and business meeting 5 p.m. - J. T. Dyke, Hon. Sec., Chilcompton.

LANCASHIRE ASSOCIATION.-Blackburn Branch.
The next meeting will be held at Padibam on Saturday, Jan. $4^{\text {th. }}$ Bells (8) available 3 p.m. Meeting 6.30 p.m. A good attendance requested.-F. Hindle, Hon. Sec., 58, Anvil Street, Blackburn.

## MIDLAND COUNTIES ASSOCIATION.-Derby

 District.-The annual meeting for the election of officers for the ensuing year will be held on Saturday, Jan. $4^{\text {th, at }}$ the Cathedral, Derby. Bells (io) available from 2 p.m. till 4 p.m. and 6 p.m. till 8 p.m. Business meeting at 4 p.m. in belfry. A good attendance is desired. Seats can be reserved and tea obtained at King's Café, St. Peter's Street, on notice being given in the belfry during the alternoon. - George Freebrey, Local Sec., 81, Roe Sireet.ST. NARTIN'S GUILD FOR THE DIOCESE OF BIRMINGHAM (Established 1755).-The annual meeting will be held on Saturday, Jan. 4 th , in the belfry of St. Martin's Church. Business to commence pumctually at 5.30 p.m. Bells available later.-Thomas H. Reeves, Hon. Sec., 136, Newton Road, Sparkhili, Birmingham.

BEDFORDSHIRE ASSOCIATION. - Bedford District. -- The first meeting of the year 1930 will be held at Thurleigh ( 6 bells) on Saturday, Jan. 4 th, at 3 p.m. Teat at 5 p.m. Good bus service from Bedford. Percy C. Bonnett, Stagsden, Beds.

SALISBURY DIOCESAN GLTLLD.-Devizes Branch. -The annual meering witl be held at Devizes on Saturday, Jan. 4th. The following bells are available: St. Johir's (8), St. Mary's (6), St. James' (6). Ringing from 2.30 p.m. Guild service at St. James' Church 4-40. Tear at 5 , followed by the business meeting, in St. James' Parish Room. All ringers welcome. -F. Green, Branch Hon. Sec., 53, Avon Road, Devizes.

NORWICH DIOCESAN ASSOCIATION. - West Norfolk Branch,-A meeting of the above branch will be held at Dersingham on Saturday, Jan. 4th. Bells (6) available at 3 o'clock. Tea and meeting in I'arish Room. -W. J. Eldred, Hon. Sec., 4, Wellington Street, Kibu's Lynn.

SUFFOLK GUILD.-A general meeting will be held at Framlington on Jan. IIth. Bells available 2.30. Tea in Church Room at 4.30 . Meeting follows. - Drake, Ufford, Woodbridge.

MIDDLESEX COUNTY ASSOCIATION AND LONDON DIOCESAN GUILD.-South and West District.A meeting will be held at St. Andrew's, Hillingdon, on Saturday, Jan. Inth. Tower open at 3 p.m. The usual arrangements. Trams pass church. Everyone welcome. -Wm. H. Hollier, Hon. Sec., 29, Duke Road, W. 4.

## SOCIETY OF ROYAL CUMBERLAND YOUTHS.

 -The annual general meeting will be held at St. Martin-in-the-Fields on Saturday, Jan, irth, at 4 o'clock. Unveiling of peal tablet by Rev. P. McCormick at $4 \cdot 3 \circ$. Meeting in Church House at 7. Tea will be provided to all who send me a postcard not later than Jan. 6th.-J. Sparrow, Sec., 5, Bancion Rise, Wallington, Surrey.BRISTOL UNITED RINGING GUILD'S Ninth Annual Dinner will be held at the Grand Hotel on Saturday, Jan. 18th, at 6 p.m. Tickets, 5s. 6d., now available from Messrs. Walker (Birmingham), Taner (Weston), Hawkins (London), Grant (Bath), Austin (Gloucester), all Bristol tower officials, or direct from the hon. sec., Edgar Guise, 39, Tankard's Close, St. Michael's, Bristoi.

CLAYBROOKE, Leics.-Ring of 4, augmented to peal of 8 and hung with modern fittings in new cast iron frame by Taylors, of Lougliborough, will be opened on Saturday, Jan. 18th.

## SITUATIONS WANTED.

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## HANDBELLS WANTED

WANTED, Handbells. Set for working girls' club. Poor Parish.-Communicate Rev. A. G. Lee, St. Benedict's Vicarage, Everton, Liverpool.

## PUBLICATIONS.

- AMONG THE BELLS.'-The Ringing Career of late Rev. F. E. Robinson, M.A., Vicar of Drayton, Berks, Master of the Oxford Diocesan Guild. Part 1, to XX . may be had singly at 6d. net. Unbound numbers I. to XX. complete, 8s. 6 d . Or the whole work bound in cloth for ros. Gd. net. From Mrs. Robinson, Fair Home, Wokingham.

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## WEDDING BELLS.

In hohour of the wedding of Mr. J. Stopp, of Maids Moreton, Bucks, and Miss D. Whitehead, which took place on Saturday, IDecember 7 th, at Maids Moreton, a 720 Grandsire Doubles was rung by the local bund, after the ceremony: H. Jones, seni., 1, H. Jones, jun., 2, C. Everett 3, W. Joncs 4, H. Stopp (conductor; 5, T. Jones 6. Also 720 Oxford Bob Minor, at Hemel Hempstead, on Thursday evening, December 12th, in 26 mins., with tenor hehind? F. Jompkins 1, H. Gates 2, W. Shepherd 3, J. Floyd 4, H. Golding 5, A. V. Good (condsetor) 6, E. J. Wynn 8.

## MISCELLANEOUS PERFORMANCES.

IXEETER-At. St. David's, for Confirmation service, on December 11 hh, $n$ quarter-pes! of Grandsire Triples ( 1,260 whanges) by $S$. Thavin's Suciety: W. Webber 1, W. Lethibridge (condnctorl 2, J. Hopkins 3, G. Carter 4, A. W. Scarle 5, F. Garduer 6, F. J. Davey 7, W. Bewes 8.
MAISFYHAMPYON, GLOS -Dn Thursday, Fovember 28th, a quarter-peal of Grandsire Douhles $(1,260$ changes) in 45 mins: : E. Smith I, J. Hope (conducton 2, H. Barnlield 3, H. Proplet 4, H. Day 5, G. Peare 6. First quarter-peal since the 5th was recast, aud all six laung will new fittings and ball bearings. Alf are Sunday servite ringers except the cunductor.

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