THE RINGING WORLD

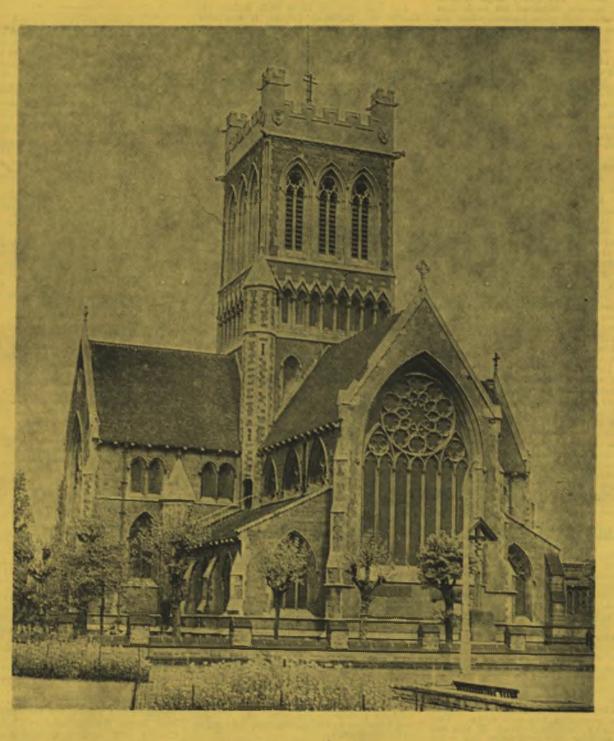
OFFICIAL JOURNAL OF THE CENTRAL COUNCIL OF CHURCH BELL RINGERS

No. 2968 Vol. LXIV

FRIDAY, MARCH 8, 1968

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

9d.



The Church of St. Paul, Burton-on-Trent

OUR COVER PICTURE

The Church of St. Paul, Burton-on-Trent

THE building of St. Paul's Church by Mr. M. T. Bass, M.P., commenced in 1870, a concrete raft being necessary due to diffi-culties of running sand which is very pre-valent here in the Trent Valley. The design of Mr. J. M. Teal, of Doncaster, is cruciform in plan with a massive square tower 123 feet high, and the style generally is Early Decorated executed in Coxbench and Ancaster stone. The belfry stage consists of three massive windows on each face fitled in with thick glass louvres, while the ringing chamber (now heated with North Sea gas) is reached by ascending 91 steps, some of which cross the roof of the Lady Chapel. The original ring of eight, 25-3-21 in F, was cast by J. W. Taylor, of Loughborough, from specifications prepared

Sir Edmund Beckett, Q.C., and cost £1,050.
Consecration took place on April 7th, 1874, and dedicated to St. Paul with the Rev. James H. Fish as Vicar, who had served curacies at Sheffield and Doncaster. He nelped to form the Midland Counties Association and was its first president and also formed St. Paul's Society of Change Ringers. The first peal on the bells was Grandsire Triples in 1876, conducted by W. Wakiey. The Vicar's first peal was 5,024 Kent Treble Bob, rung half-muffled on the occasion of the funeral of Archbishop Tait in 1882. His 18 peals included 6,720 Super-lative and the first-ever peal of Stedman Triples rung by a band composed entirely of clergymen. Double Norwich, New Cumberland, Superlative, Cambridge, Stedman, Grandsire and Duttield were regularly re-corded. The sudden death of the Vicar in his 41st year was a great loss to the church, Association and Society, this coming at a time when his band was poised for the highest achievement of those days, a peal of London Surprise. However, it came less than six months after his death and was the fourth-ever of London to be rung.

Names which readily spring to mind are W. Wakley, Albert P. Wakley, A. Wakley, H. Wakley, W. C. Wakley, E. I. Stone, J. Jagger, J. Griffin, H. Bastable, J. W. Washbrook, H. Dains, F. E. Dawe, G. Robinson, C. H. Hattersley, N. J. Pitstow and A. P. Heywood. The Rev. F. E. Robinson practised his Superlative at Benington and came to St. Paul's to ring his first peal in that queen of methods which was the ninth of Superlative ever to be rung. Three peals of Superlative on consecutive days in 1885

were the 20th, 21st and 22nd ever rung in that method. A silent peal of Stedman Triples is recorded in 1886, each ringer having previously called a peal with the same figures. Miss Edith K. Parker (Edmonton) called Superlative here in 1911 and was the first and only lady to conduct a peal on the original ring of eight.

RECASTING IN 1912

The last peal on these bells before recasting was Stedman Triples; it was also the 220th. The new ring of eight, 28-2-9 in D flat (1912), had as first peals Stedman Triples, these two peals being Pitstow's variation of Thurstans' Four-Part. The Great War of 1914-1918 took Coy. Sgt. Major H. Wakley, Sgt. R. C. Stone and Sgt. A. P. Wakley, who between them had rung 343 peals. With ringing restricted rung 343 peals. With ringing restricted during hostilities and armed forces commitments the band became sadly depleted. However, in 1922 two trebles were added, No. 1 by W. W. Worthington, Esq., and No. 2 by the parishioners, in memory of those who fell in the Great War. The first peal on the ten bells was Stedman Caters.
Around 1925 the "Wednesday" band,

with Maurice Swinfield as conductor, continued with Stedman, and some years later the tally was over 230 different callings. R. H. Dove learned to handle a bell at St. Paul's about this time, scoring his first peal in 1926 at a nearby tower. In the 1930s James George, of Birmingham, rang the tenor on his 80th birthday to his 1,201st peal. The year 1945 saw B. G. Key a lively ringer and conductor at St. Paul's. After the ringing ban of 1940 was lifted a peal of Cambridge Royal was rung by a visiting band. Mrs. D. T. Gardiner conducted Grandsire Caters (her farewell peal) in 1955 and Miss J. Toon conducted Grandsire Doubles (also her farewell peal) in 1964 and Miss E. K. Parker Superlative in 1911. They appear to be the only three ladies to have called a peal here.

Although 366 peals have been rung in

this tower, attempts are now somewhat re-

this tower, attempts are now somewhat restricted to three or four per year, quarters being frequently rung. Visitors on outings are always welcome here at St. Paul's.

Ringing locally before 1874 was very popular as the "Society of Change Ringers at Burton" were subscribers to Clavis Campanologia, 1778.

C. T. H.

[Photo by Mr. Roland Stone.

IRRESPONSIBLE TOWER GRABBERS

For about ten years the bells of St. Mary's, Stapieford, Wilts, have not been rung but only chimed, because of the architect's warning against ringing, there being a slight crack in the wall of the bell tower and one bell is cracked.

On a recent Sunday evening the Vicar (the Rev. J. P. Adams) was amazed to hear the bells ringing for about five minutes. "I have been here for ten years and have never heard the bells," he told a Press man.

The ringers, who are now being sought by the Wiltshire police, made off in a car when people living near the church went to investigate.

The Vicar added: "Whoever were ringing the bells knew what they were doing. They made a fairly respectable sound. If they had not known what they were doing they would not have been able to have fitted the ropes to the bells." CALL FOR APOLOGY

Among letters we have received on this incident is the following:—

Dear Sir,—I have reason to believe I know who was responsible and am at present in-volved in the investigation. Perhaps before volved in the investigation. Perhaps before the matter becomes too involved the people concerned might care to write and attempt to justify themselves. If they do not do so I intend to pass the information to the responsible authorities together with advice as to what action they can take. In order that the affair does not become too involved, a personal apology to the Vicar and churchwardens might suffice. might suffice.

This sort of thing has already caused considerable friction in the West, and Wiltshire and Dorset in particular, and must be stopped. Yours sincerely.

WILLIAM A. THEOBALD. 34, Whitechapel Road, London, E.1.

THE RINGING WORLD

The Official Journal of the Central Council of Church Bell Ringers.

(Founded by I. S. Goldsmith, who remained its proprietor and editor until his death in 1942.)

All communications for publication to:-The Editor, "The Ringing World," c/o Seven Corners Press Ltd., Guildford, Surrey. Tel. Guildford 60916.

SUBSCRIPTION RATES

	One 2097	2 copies	3 copies	4 copies
3 months	12/-	_	_	-
6 months	£1/2/6	£2/3/0	£3/4/0	£4/4/0
12 months	£2/2/0	£4/0/0	£5/15/0	£7/7/0

Each additional copy over four, £1/11/6. Overseas £2 7s., Air Mail £5, per annum.

Remittances to Mr. J. E. Jeater, Greystones, Cusgarne, Truro, Cornwall. Cheques payable to "The Ringing World."

Central Council of Church Bell Ringers

HON. SECRETARY AND TREASURER: VERNON BOTTOMLEY, 45, Westercroft Lane. Northowram Halifax. Yorks.

HON. LIBRARIAN: F W. PERRENS, 68, Warwick Avenue, Coventry.

EDITORIAL COMMITTEE:

R. S. ANDERSON (convener), 76, Dimedale View, Porthill, Newcastle, Staffs.

D. BAYLES

J FRANK SMALLWOOD

W. G WILSON.

EDITOR: I. W. WHITE.

ON OTHER PAGES

Joint Ringing Council for London? ...

New Long Length from Appleton

Page

179

St. Albans District's Two Bell Projects	179
Tolling the Knell for Death Watch Beetle	180
23-Spliced Rung Non-Conducted	181
Manchester Elect Lady Chairman	181
Oxford University Society Dinner	181
Letters	182
London County Association A.G.M	183
Devon Ringers' Tour	183
Science Fiction—	
The Foundry of the Future	184
Method Extension by Computer	185
DeathW. Abraham, W. Ellerington	185
Bellfounders' Page—	
The Braintree Fountain	186
	-191
Quarter Peals 191	
Notices 193	-194

Cycling Vicar Now Has Six Bells Yorkshire and Selby Joint Meeting .. 195 West Dorset Branch, Salisbury Guild ... 195 Charing Win Ashford Striking Contest 195 Compositions.—16,559 Grandsire Caters.

-5,280 Wollaton Surprise Major ..

Wants Joint Ringing Council for London

Follow Yorkshire, says Harold Rogers

An appeal was made by Mr. H. W. Rogers, the Master, at the annual dinner of the London County Association at Chatham Rooms, Victoria Station, on February 24th, to London Societies to organise and co-ordinate themselves as a composite whole by a Joint Council similar to that formed in Yorkshire.

Proposing the toast of "The London County Association", the Master said he would like to comment briefly on the whole aspect of London ringing and the need for tackling its whole co-ordination with first things first.

"At the dinner of the Society of Royal Cumberland Youths their Master appealed for the situation of the unringable London bells to be considered in depth by London Societies. Such admirable aims as these—in isolation—is circular author and the lorger the horses. simply putting the cart before the horse.

"Let the London Societies organise and coordinate themselves as a composite whole first and then and only then, do these many problems stand a chance of solution. I am personally a member of a relatively small professional body which has now two somewhat smaller contemporaries. A joint council has been formed to consider and plan for their amalgamation.

"In our own sphere of activity we can learn from the experiences of Yorkshire, where no less than ten Societies are co-operating together under the Joint Council of Yorkshire Ringing Societies. In the absence of a better name—and there may well be one—let us have a Joint Council of London Ringing Societies with aims and objects such as: with aims and objects such as;-

To represent all ringers in the London

To co-ordinate the meetings of the individual Societies.

To represent to the Church authorities matters affecting the London bells and ringers.

"And so we could go on.

"But remember this oft-repeated true phrase, United we stand, divided we fall." For this purpose I would rephrase it: 'United we can do our job, divided we must fail to do it."

Mr. W. G. Wilson followed with the toast "The Visitors", and added: "May I say Amen to the Master's remarks? I cannot agree more." He gave a special welcome to Mr. Frank Lufkin, Master of the Essex Association and a member of the Central Council, Mr. T. W. White and Mr. R. Cooles, of the Surrey Association and secretary of the Battersea tower.

Mr. Cooles, who replied, said he belonged to a different Association from theirs, and their officers were all working long and hard to improve the quality and quantity of ringing in London. Their results were very inadequate for the work they did and the reason was that their system was wrong—they were too divided. Their Master had suggested how it could be improved and he entirely agreed with him.

Mr. Cooles said his own ringers were only interested in their own tower and three or four towers about a mile around. He thought they would create more interest if a Council for Greater London Ringing Societies was formed and the Associations revised their areas to about the size of a London borough. It would, he thought, give the parochial ringers a vision. The concluding toast, "The Ringing World", was proposed by Mr W. T. Cook and replied

to by the Editor.

An excellent dinner was served, the arrangements being admirable. Mr. A. F. Udall acted as M.C. for the evening and he was assisted on the dinner committee by Mr. L. C. Way and Miss J. Spurgeon.

The Master announced that the next meeting of the Association would be held on Saturday, March 9th, at St. Stephen's, Hampstead, from 3 to 4 p.m.; tea in the Parish Hall, then on to St. Martin's, Gospel Oak, from 5.30 to 7, and St. Mary Magdalene's, Holloway Road, from 7 to 8.

Report of London County A.G.M. page 183.

ST. ALBANS DISTRICT'S TWO RESTORATION PROJECTS

THE meeting on February 17th started with afternoon ringing at South Mymms The six were rung to methods up to York and London Surprise before the service. Tea followed in the hall Unfortunately 42 names were received and 57 people turned up, which made catering rather difficult. Please, do continue to support us, but do try and send names in beforehand.

At the meeting Father Clare, of South Mymms, ook the chair. I was decided to hold a formal dinner again on December 7th; there will also be a barbecue and social in the summer. Another coach visit to the A.T.V. studios will be arranged for late March or early April to see a live recording.

The next District practice will be at South Mymms on April 4th.

Mymms on April 4th.

A lengthy discussion followed on the Voluntary Bell Fund. Two requests had been put forward, from Harpenden (8) who are planning rehanging and retuning their bells, and Wheathampstead (6) who are hoping to add two new trebles. Both had targets in the £1,000 region to aim at. At length it was decided that £30 should go to each tower, which will leave a small amount in hand in case another request should suddenly appear out of the blue. The Wheathampstead ringers are organising a "walk" on Good Friday in aid of their fund and are looking for wealthy sponsors! Please contact the band if you can support this venture. support this venture.

The District was told that Mr. A. W. Coles is now in St Albans City Hospital, and Mr. George W. Debenham, of St. Peter's. St. Albans, is also in hospital. The District's sincere wishes for a speedy recovery go to both members

Before the meeting was closed Mr Gerald Penney mentioned the forthcoming marriage between two District members on March 2nd —Miss Barbara Goodspeed, of St. Albans, and Mr. Graham Sillis, of South Mymms. Every best wish for their future happiness goes from

The nex meeting will be at Essendon on March 16th.

NEW LONG LENGTH OF GRANDSIRE CATERS

Umpires' Report on Record Length of 16,559 Grandsire Caters rung at Appleton on February 10th.

AFTER seeing the band safely settled in the tower, two of the umpires—Bills 1 and 2—settled themselves down round a lighted stove in the church together with a book supplied by Brian White containing the composition and course-ends. The weather was freezing outside but after an early rise the band seemed fit and ready.

After a few preliminary rounds and the usual halt for adjustment, the peal started in changes at 7.20 promptly. Within a short period the bells settled down to a beat short period the bells settled down to a beat ably set by Frank on the tenor that was to be so regular as to be not only of good standard but was of very considerable assistance to the umpires in having secondary checks during difficult periods. For a while there were considerable comings and goings in the church, including the arrival of Bill 3 to join the

Ringing was of a very high standard and any small instances of hesitation were in fact such that they could be classed as natural human errors if they could be classed as

The first 5,040 was reached comfortably in 2 hours and 47 minutes and with an almost monotonous time of approximately three minutes per course; with little if any variation, checking was made comfortable.

Umpiring with a constant stream of visitors is not easy, especially when the weather is too cold outside to allow the bells to be heard at their best, but here again the ringing was such that if the umpires were at times distracted, the picking out of check course-ends was made most easy.

Coffee soon came along (not for the ringers) and shortly after 11.30 Bill 1 slipped off for a

Here again was an example of the evenness of the ringing masmuch as on his return he was able to calculate at three minutes a course which course-end should come up and did it independently.

Bills 2 and 3 were now relieved and at last much more serious checking.

The 10,000 was now approaching and just as the appropriate course-end was approaching, a bevy of lady ringers suddenly appeared in the church, causing Bill 1 to beat a hasty retreat to the churchyard to carry out the check. The two other Bills returned to start sampling the provided sandwiches. At this period they were joined by, among others, Walter Judge, and the ringing at this period was of a very high standard.

CALLING ROUND

Before the start the umpires had been warned that in the event of trouble the bells would be called round from a certain point, and after this point it became obvious after a while that this course was being taken.

There were certain slips occurring but at no time could the umpires find any really bad fault in the ringing. Courses were still rolling up with the same regularity.

After a while Bill 2 suddenly shouted "He's turned them again," and there was a general exodus into the churchyard. Bill 1 remained for a final check, but it became obvious that this was "it," and the bells duly ran round in 9 hours and 12 minutes at 4.32 p.m after a peal for which all must have nothing but high prairies.

The band are to be congratulated on a fine effort, which caused no element of doubt at all. The conductor in particular is to be congratulated not only on his efforts but his insistence that the final figures be checked by the composer before publication.

The ringing was such that no element of doubt arose at all and so the umpires' job was made very easy.

Afterwards the band adjourned for tea, and later a typical Appleton Saturday night was spent at the Plough.

The umpires would like to congratulate the band on their performance and by so doing making the umpires' task easy, and to the White ladies and family for their generous hospitality and refreshments.

Better luck for a longer length next time.

WILLIAM THEOBALD. WILLIAM HIBBERT. WILLIAM COLES.

TOLLING THE KNELL FOR DEATH WATCH BEET

By MICHAEL FRY, M.I.P.R. (of the Rentokil Group)

TAP, tap, tap tap in a rapid burst of a dozen with a pause—tap, tap, tap, tap again and a pause, is a sound you might hear in the bell chamber of an ancient church in the stillness of the night any time during April and the beginning of May and sometimes even

This is the ticking of the death watch beetle, which the newly emerged beetle makes to signal for a mate. It taps its horny forchead on the surface of the wood on which it is standing, and on which its ancestors may well have stood for many hundreds of years.

Death Watch Beetle, named by the scientists Xestobium rufovillosum, and sometimes referred to by its older name, Anobium tesselatum, has over the centuries done enormous damage in Britain's churches, attacking the ancient oak beams and other oak timbers. It is never known to fly inside buildings, because the temperature is too low. Experts are pretty sure, therefore, that the grubs or eggs were present in the oak when the church was originally built or were brought in with oak used for alteration or restoration. for alteration or restoration.

The adult beetles live only for a few weeks, the maximum known is ten, so that it is very likely that during May, June and July you may find dead beetles on the floors or ledges. Many will have mated and the females will then had laid their eggs to start a new cancerdian. generation.

You can quite easily recognise the dead beetles: they vary in size between a quarter-inch to one-third inch in length and are a dark chocolate brown in colour, with their wing cases having a variegated appearance with yellowish patches on them.

The exit holes that the emerging beetles make are quite large and almost exactly circular, being one-eighth inch in diameter.

Another sign of the active grubs in the wood are the tiny but quite visible bun-shaped pellets of digested wood the creatures excrete. These may get pushed out of the exit holes by live grubs, and will collect on horizontal beams and ledges and, of course, on the floors.

These, then, are the signs to look and listen for—the tapping sound, dead beetles, flight holes and the little heaps of bun-shaped peliets.



Clutches of eggs laid by the female of Xestobium rufovillosum, the Death Watch Beetle. At the top of the picture is an old beetle flight hole inch in diameter-a perfect circle.



Xestoblum rufovillosum, the Death Watch Beetle. The fine yellow hairs from which it gets its name give it a variegated appearance. This adult beetle is only 6 mm. long.

Briefly the life cycle of the death watch beetle is as follows. The females lay their eggs usually between 40-60 in numbers, either singly or in pairs, in cracks or elevices in the wood or in old exit holes, anywhere in fact where there is safe and firm anchorage. The eggs hatch out after about 3½ weeks, but they are so small you are unlikely to see them. When the tiny grub emerges it fairly soon burrows into the wood, where it may continue quietly tunnelling and growing for up to ten years. It then comes up to the surface and, just underneath, forms a pupal chamber, where it turns into a beetle. This, strangely enough, takes place in autumn and there it remains as an almost perfectly-formed beetle till it as an almost perfectly-formed beetle till it emerges in the spring.

emerges in the spring.

The trouble with death watch beetle in churches and elsewhere is that though the individual grub itself does not do much damage, we are not so much concerned with decades of attack but centuries. The effect of this across six or so centuries has to be seen to be believed, for generations of grubs can tunnel out the heart of a beam where the main strength lies, leaving what virtually amounts to a hollow shell, somewhat peppered with exit holes but otherwise apparently sound. Fortunately the massive size of the oak timbers usually found in churches have very considerable leeway as regards safety margins for weight bearing. It would be unwise, how
(Continued on page 181)

(Continued on page 181)

23 Spliced "All the Work" Non-conducted

AN OUTSTANDING ACHIEVEMENT

CYRIL A. WRATTEN'S REPORT

THE silent and non-conducted peal of 23-Spliced "all the work" rung at Longney, Glos, on February 18th, was achieved at the second attempt. A previous attempt three weeks earlier by the same band and at the same tower was lost after two and a half hours' excellent ringing, when a three-bell shift oc-curred in Cornwall, 20 leads from the end.

The band was a mixed one. Richard Parker and Maryl and John Fielden, from Lancashire, had all rung in the first three peals, using Norman Smith's composition, at Bilsborrow, on December 31st, 1966, and subsequently at Higher Walton in January and at Milnrow in March last year. Tony Peake and Brian Bladon, from Swindon, and Jim Taylor, of Bristol were in the bands that had rung the composition for the fourth, fifth and sixth times—at Weston-super-Mare in May, at North Bradley in June and at Dunstable in July. John Mayne and Roger Baldwin, from Hertfordshire, had both rung in the latter peal. So although the composition had only been rung six times previously, the band was by no means new to it.

by no means new to it.

The first attempt to ring the peal non-conducted, at Longney on January 28th, had one false start, due mainly to nervousness. But nerves seemed to have been stilled when the bells went into changes for a second time, for the band settled into a good beat almost at once. In fact the third, fourth, fifth and sixth parts were each rung in exactly the same time of 24 minutes and 40 seconds, the first two parts have taken 25 minutes and 5 seconds and 24 minutes and 55 seconds respectively The shift at the beginning of the last part, which brought the attempt to a sudden halt, was all the more disappointing as a result, for the peal seemed by then to be "in the bag."

However, nothing daunted, another attempt

Death Watch Beetle—continued

was arranged for February 18th. Ropes adjusted and arrangements about starting and stopping agreed, the bells went into changes at 2.11 p.m. The nerves that had marked the start of the previous attempt were not apparent this time, and the first part-end came up with no trouble in exactly 25 minutes.

Part followed part with little sign of difficulty, the speed varying between 24 and 244 minutes. My notes showed only 21 clipped blows in the first 4,100 changes, which gives a good indication of the standard of the ringing. However, during the sixth part nerves began to make themselves felt, and there were the occasional hesi'ations on changing into a new method. Only one lasted more than three blows, and that was corrected before the treble dodged in 3-4 up.

A more serious trip occurred in the lead of Double Dublin in the last part—one lead later than the Cornwall that had been fatal in the first attempt. A word would have sufficed to restore the smooth sequence of changes, but none was uttered and no help of any sort was given. The lead-end came up with one bell and a half-blow too high, but the change to Bristol was made smoothly and all was well. But the ringing in this last part was faster and rather edgy, with a consequent loss of rhythm—only natural, considering the strain. The time of the part of 23 minutes and 40 seconds was the fastest of the seven. was the fastest of the seven.

The bells ran round at 5 o'clock precisely, and half-a-dozen pulls later I made my second and final call: "Stand!" Every lead-end throughout the peal was checked, and frequent checks were made of the work of the 2nd's place bells throughout the lead.

The band deserves the congratulations of the Exercise on what must be one of the finest examples of concentration and ringing skill to

MANCHESTER BRANCH ELECT LADY CHAIRMAN

ever, to minimise the effect of death watch beetle, particularly in a bell tower with a 23 cwt. tenor poised on a beam. Occasionally the damage may be so severe that ringing has to be suspended, and Dr. N. E. Hickin, Rentokil Scientific Director, a world authority on woodworm, can recall isolated cases of this—but it

is гаге. If a bellringer sees any of the signs mentioned in this article he would be doing a service to his church by reporting immediately either to the captain of the ringers or to the Vicar or churchwardens. They can immediately captain a street to examine vicar or churchwardens. They can immediately call in a timber preservation expert to examine the problem at first hand and advise on what action should be taken. He will make out a complete report and detailed recommendations, and firms like my own make no charge for this service and offer churches extended methods of payment and special discounts: they also guarantee all their work for 20 years.

I hope this brief article will have proved helpful and I will be happy to write personally, through the Editor, to anyone wishing to raise

The annual general meeting of the Manchester Branch was held jointly with the N.W. District of the Ladies' Guild at Manchester Town Hall on January 20th, Although the attendance was small compared with previous years, the business meeting was long and

The Branch chairman, Mr. W. H. Riddle, opened the meeting and welcomed all who were present. After discussing the Branch ringing programme for the year, the following officers were elected: Chairman. Miss Christine Andrew; secretary, Mr. Alan Ward; Ringing Master Mr. Jeffrey Brannan; deputy Ringing Master, Mr. Christopher Movley; committee member, Miss Mary Walshaw.

After a vote of thanks to the Town Hall committee and the Town Hall ringers for allowing the use of the bells and a committee room for the business meeting. a vote of thanks was also made to the retiring officers—

(Continued next column)

OXFORD UNIVERSITY SOCIETY DINNER

THE annual dinner was held on February 3rd and again took place in Jesus College. The day's ringing began at noon at Carfax. All the 12 ringable towers in Oxford were available, including this year St. Thomas', which was a substitute for St. Giles', the latter tower having been declared dangerous shortly after last year's dinner.

A large number of people at most towers prevented any very original ringing However, it was for the most part enjoyable, even if the standard was not consistent. Magdalen College, where the bells are amongst the easiest, was the scene of what was probably the best ringing of the day.

After Evensong in the crypt of the University Church of St. Mary the Virgin we moved to Jesus College, where the Dinner Committee's seating p.an received the expected criticism. However, the company proved sufficiently congenial for all to enjoy a very pleasant meal. We were glad to have with us our president, Canon E. C. Wigg, who proposed the loyal toast and introduced the other speakers.

The first of these was the treasurer, Mr. Richard Wilsher, who proposed the toast of "The Church," regretting that all too often it flourished despite us and not because ot us. In his reply on behalf of the clergy the Rev. Raymond Lowe mentioned the long couling the between hele and the Church recalling the Raymond Lowe mentioned the long connection between beils and the Church, recalling the embroidered bells and pomegranates round Aaron's high pijestly robes. He also brought to our attention the great similarity between bells and women, namely that when pulled off balance they are completely out of control.

Mr. Philip Daniel, joint secretary, welcomed the visitors, pointing out that the dinner could not be possible without them. The Master of the Bristol University Society, Mr. Michael Zobel, expressed what he felt were the thanks of all present for such an enjoyable and lively dinner. and lively dinner.

As usual the toast of "The Society" was proposed by the Master of the Cambridge University Guild. Mr. Richard Youdale said how much he and his fellow members always enjoyed the joint outings with us. We were assured that they had been thinking of us continually on the last outing and only regretted that we had been unable to meet.

The Master, Mr. Stephen Royal, countered that on the joint outing we had been engaged in satisfying the equation "O.U.S. plus tower plus pub equals dominoes." He then continued with the traditional review of the year's events, mentioning also the proposed joint meeting of the Southern Universities. Members and guests then adjourned to the beer cellar, which for many people seemed to be the highlight of the day

F. E. M.

Mr. W. H. Riddle (chairman), Miss Christine Andrew (secretary) and Mr. Neil Bennett (Ringing Master).

Ringing continued after the business meeting until 9.30 p.m. Methods rung included Bob Minor. Grandsire Triples, Bob Major, Grandsire Caters, London S. Royal, Grandsire and Stedman Cinques, Plain Bob. Kent T.B., Duffield and Cambridge S. Maximus. A. W.

NEW ELECTRIC OR HAND-WOUND INSTALLATIONS-ALL TYPES OF REPAIRS

EXISTING HAND-WOUND CLOCKS CONVERTED TO ELECTRIC DRIVE

Inspections & Estimates Free



Letters to the Editor

THE ACCRINGTON PEAL

Dear Sir,-I am sorry that Cyril Crossthwaite, in his letter on page 141, has so misinterpreted the points I made that it is necessary for me to write again.

He states that "... to maintain that the record still stands at 11,872 would be quite ludicrous." I agree. But the Central Council is duty bound by its rules not to accept the 12,096 at Accrington as the record, as Cyril well knows Their action thus weakens the authority of the Council.

authority of the Council.

He also reiterates the hard luck story about the Christmas mail delaying the notice of the attempt. Whilst accepting this, 1 nevertheless consider that, with a little foresight, the organiser could have realised that letters get delayed at that time of year and could have taken alternative measures, had he so desired. In any case, the non-appearance of the notice in the issue of December 29th gave the organiser over a week's notice to notify the secretary of the St. Martin's Guild about the attempt. This also is required by the rules and this also was ignored. was ignored.

Vas ignored.

I consider the question of the composition to be a less important issue, but I would make the following points. It has long been recognised that record peals require different standards from ordinary peals, hence the reason for umpires to check the truth of the peal and the standard of striking. Peter Border points out that the London Major record, which has stood for a considerable time, can be exceeded by the use of these unusual calls. Yet no one has chosen to beat it, although it has been perfectly legal all these years. It is an unwritten rule, which most people observe. This merely emphasises that the Accrington band made arrangements appropriate for an ordinary peal, and gave little thought to the extra implications of a record peal.

Birmingham ringers have always believed in

Birmingham ringers have always believed in innovation where this leads to a worthwhile result (and we believe that singles and calls at the half-lead have considerably widened the musical scope of peals), but we also respect accepted codes of conduct. This is neither humbug nor sour grapes, and I think it is regrettable that we should be attacked by Mr. Hopgood and Michael Meadows because of this. I am surprised, in particular, that a person of Michael Meadows' standing in the Yorkshire Association could write a letter so devoid of sense or constructive criticism. — Yours faithfully,

R. W. PIPE.

Birmingham.

Note.—The heading of this peal was not given by Mr. Alan Ainsworth but, like most headings, by the Editor.—Ed.

20-SPLICED PLAIN MAJOR

Dear Sir,—I regret that owing to an oversight the peal of 20-Spliced Plain Major rung in Birmingham on Tuesday, February 13th, was submitted as "Composed by James R. White. Arranged by Christopher I. Rowson." In fact most of the credit for the composition should go to Richard J. Parker, who contributed the majority of the methods in the peal. The band would like to place on record their gratitude to him for the use of his ideas.

—Yours faithfully,

CHRISTOPHER I. ROWSON. Edgbaston, Birmingham.

WESTMINSTER ABBEY RINGERS

WESTMINSTER ABBEY RINGERS
Dear Sir,—I shall be glad if you will allow
me a space in your valuable columns to write
a few lines in defence of a number of my
ringing friends in London, whom I consider
are being unjustly shot at by a number of
critics, some of whom are also my friends. I
think it is a great pity the critics cannot fight
their little battle without dragging the Abbey
ringers into it. If they think their grievance is
justified, why don't they attack the Abbey
authorities? After all, it is they and not the
ringers who make the somewhat strict and
perhaps unusual but not surprising regulations.
It is also they who appoint the Abbey ringers
who, when appointed, are expected to perform who, when appointed, are expected to perform their duties in accordance with these regula-tions. The employee does not usually dictate to the employer how he should run his busi-ness, and I do not suppose the teacher expects the pupil to dictate to him how the class should be run.

For many years I have known the Abbey ringers and I have no doubt that, given a free hand they—yes, every one of them—would be ringers and I have no doubt that, given a free hand they—yes, every one of them—would be willing to welcome non-members to the Abbey tower. I have had the pleasure of ringing in company with them many times in many towers and have in fact had the privilege of ringing with them at the Abbey, by kind invitation of their secretary, Mr. H. N Pitstow. Not only do they ring at the Abbey when required; they are all regular Sunday service ringers and indeed devote a great deal of their time for the benefit of the Exercise.

I venture to suggest that Mr. W. Frank Hansard needs to get his facts right before quoting such figures as 17/6 a rope.

I regret that due to a spell of influenza my letter has been held up. This delay has at least given me the opportunity to say how pleased I am to read in the current issue of "The Ringing World" the letter from Mr. William Barton, who appears to have the same views on this matter as I do, and I trust that we are two of many —Yours sincerely.

NORMAN V. HARDING.

King's Lynn, Norfolk.

King's Lynn, Norfolk.

WESTMINSTER ABBEY

Dear Sir, — Reading the correspondence about the bells in Westminster Abbey reminds me of my ringing there in 1920 for a special service in connection with a Bishops' Conference. After ringing we found ourselves "locked in" and unable to leave until after the service, which lasted about two hours. We spent this time in the roof of the Cathedral, watching the service from above. Another recollection of my visit was the dirty state of the belfry and the absence of a place to hang a coat, but this was a long, long time ago.—Yours faithfully,

T. E. SONE.

T. E. SONE.

Brenchley, Kent.

CHRISTMAS BELLS

CHRISTMAS BELLS

Dear Sir,—Regarding a letter in "The Ringing World" of February 23rd by a Mr. Poyntz, of South Devon, I agree that ringers would like to hear the broadcast of Christmas bells, and perhaps the programme could be repeated at a more convenient time. However, if Mr. Poyntz would like to communicate with me I should be pleased to prepare and forward him a tape recording of Christmas bells for the years 1966 and 1967.—Yours faithfully, S. SAYER.

5, Ebor Avenue, Hornsea, Yorkshire.

PEALS AT CROSTON, LANCS

PEALS AT CROSTON, LANCS

Dear Sir,—I think Canon K. W. H. Felstead is wrong regarding peals rung at Croston Parish Church, Lancs. I have a record of two peals on the bells, viz.:

A peal of Grandsire Triples of 5,040 changes rung on April 22nd, 1821, by the College Youths of Croston.

A peal of 10,080 Bob Major on April 15th, 1871, in 5 hours 28 minutes, conducted by Thomas Broderick, "being the first peal of the method and the greatest number of changes ever rung at one time on these bells. The professors of the art were stationed as follows: Treble: Mr. T. Statziker, Croston; 2nd: Mr. J. Smith, Preston; 3rd: Mr. R. Smith, Croston; 4th: Mr. T. Broderick, Preston; 5th: Mr. J. Smith, Croston; 6th: Mr. W. Gornall, Preston; 7th: Mr. J. Ditchfield, Croston; tenor: Mr. J. Simpson, Preston.

"We the undersigned professors of the Art having assembled for the purpose and heard the whole peal can testify that it was a fine struck peal.—T. Nelson, Croston; J. Nelson, Croston; R. Boulling, Leyland; E. Halliwell, Leyland. Preston, April 11th, 1832."

There are a number of peals rung on the Wigar parish bells which were never recorded by the local band—one of the peals started at 330 in the morning—but they were all Grandsire Triples.—Yours, etc.

W. O. FARRIMOND.

Coppull. near Chorley.

Coppull. near Chorley.

Note.—Canon Felstead writes that he had recorded the first of these two peals but not the Bob Major. In the "Bell News," Vol. 2, p. 159, there is a list of all peals longer than 10,000 changes which had been rung, and this one is not among them. He was grateful for the information. the information.

"THE BACKBONE"

Dear Sir,-We often hear in the "R.W." of great triumphs in peal ringing, sometimes in considerable detail; but the backbone of the Exercise is the local band. Could we hear of triumphs in this sphere?—bands where ringers triumphs in this sphere?—bands where ringers turn up on time, organisation is efficient, there is a high standard of both method ringing and striking. Assuming such bands exist, how did they do it; how long did it take; what were the methods of teaching? Incidentally, to gather a good band by acquiring ready-made ringers from other towers is hardly comparingly that the sum of the strike in the country can ring London Major or above? — Yours sincerely. sincerely. G. VISADE.

Cheadle, Cheshire.

KING'S LYNN PRE-WAR RINGING

Dear Sir,-I would like to comment on Mr. Newsom's article on "St. Margaret's, King's Lynn" (January 19th), where I have been a ringer since the 1920s. The reference to inactivity during the period 1926 to 1952 is incorrect as far as the period prior to the war

is concerned.

If service ringing is considered active—and this is surely the main purpose of the bells—we were more active then than we are today. we were more active then than we are today.
At present we have approximately six ringers for service ringing, and ring only once on Sundays except for special services. During the period in question we had enough ringers to ring twice each Sunday. I presume that the writer of the article was not resident in the district at the time and this would explain his not knowing about the Sunday service ringing.—Yours faithfully,

ROBERT E. GREENACRE.

King's Lynn.

King's Lynn.

BELL ROPES JOHN NICOLL SEE BACK PAGE

LETTERS—continued

DOUBLE METHODS

Dear Sir,—I refer to Mr Struckett's interesting contribution on this subject in your issue of December 29th. As regards Double Treble Bob methods I agree there appears to be none with "Right Places" only. I would add that there appear to be only two such methods anyway, "A" and "B" below. Method "A" can have alternative places in the first section.

A	В
12345678	12345678
21435687	21436587
12346578	12463857
21436587	21648375
24163857	26184735
42613875	62814753
24168357	26187435
42618375	62817453
46281735	68271543

The Double Delight type of major methods into four groups:
4th place at the first cross-section

(Example C) 6th place at the first cross-section (Example D)

4th and 5th place at the first cross-section (Example E)

(Three adjacent places excluded)
3rd and 6th at the second cross-section

		(E	xample r)
C	D	E	F
12345678	12345678	12345678	12345678
21435687	21346587	21436587	21435687
12346578	12435678	12346578	12346578
21436758	21436587	21435687	21436587
24137685	24163578	24135867	24163857
42317658	426 5387	42318576	42618375
24136785	24165378	24138567	24168357
42316758	42613587	42315876	42613875
43261578	46231857	43251786	24631857

I do not remember any method of this class being rung. Perhaps Mr. Cooper Bailey will consider compiling a table of them, as he did for Double Surprise.—Yours faithfully, Westminster, S.W. T G. HAWKINS.

COMPOSED IN 1894

COMPOSED IN 1894

Dear Sir,—The excellent article on compositions by Roger Baldwin (page 152 of the current "Ringing World" contains a composition of Plain Bob Royal which he kindly but wrongly attributes to me. It is actually a peal by Edward Francis (1894), published in the Central Council's Collection of Peals (1904). Section 2, page 23, No. 9. This information was given to me several years ago by the 'ate John Worth, of Macclesfield, when I had produced a peal differing from the Francis peal only by virtue of the M coming before the W, making the first two course-ends different and appearing thus:

23456 M W H

23436	M	W	H
52436			
34625		-	
36245			2
43265		-	3

Repeat.

Repeat.

The peal in this form was first rung (to the best of my knowledge) on April 4th, 1936. at Beddington, Surrey, as London (No. 3). Since then, however, it has been rung very many times over my name. It must be a good one as it has been claimed by others, including a famous and brilliant composer.—Yours truly.

FRANK E. DARBY.

London County Association A.G.M.

THE London County Association's annual general meeting on February 10th started with ringing on the 12 bells of St. Michael's, general meeting on February 10th started with ringing on the 12 bells of St. Michael's, Cornhill, where all were catered for and ringing was at a fairly good "meeting standard" with rounds, Cinques and Maximus. Later, ringing was at the two old headquarters of the Association—St James', Clerkenwell, and St. Clement Danes'. The service in St. Clement Danes' was conducted by the R.A.F. chaptain the Rev. L. J. Ashton, and the address was by a member of the Association, the Rev. J. Tomsett. After an ample tea prepared by lady members in the Edinburgh Tavern some 60 members attended the meeting.

The Master, Mr. Harold Rogers, in his report, summed up the past year in the following terms: Although the year had not been outstanding when considered in relation to the 133 years of life of the Association, it had been extremely brisk and busy.

Seven meetings had been held and business

been extremely brisk and busy.

Seven meetings had been held and business transacted at five of these. Additionally, two joint meetings had been held with neighbouring Associations. Four committee meetings had been held and considerable business discussed.

Of the 12 practices held, ten at St. Mary Abbot's had been well attended, but the two at St. Mary's, Ho.loway, poorly attended, consequently St. Mary Abbot's is favoured for the 1968 practices on the first Thursday of each month, when all ringers are welcome. For new members, 1967 had been one of the record years with 34 elections.

SILENT TOWER SERVICE

One of the valuable contributions to London ringing which the Associat.on members rendered has been to perpetuate the tradition of the past 50 years (established by Mr. T. H. Taffender and ably continued by Mr. C. M. Meyer) in ringing for Sunday evening services at towers which would otherwise be silent for this service. Notably among these Sunday evening activities has been: Southwark Cathedral on 11 out of 12 possible "third Sundays" (with the addition of weekly special occasions, Christmas morning and Whit Sunday), resulting in nine quarter peals consisting of Cambridge Surprise Maximus, Little Bob Maximus, Erin Cinques, S'edman Cinques. Grandsire Caters and Triples. The first ringing at Fulham after extensive tower restoration was a quarter peal in May by this company and One of the valuable contributions to London at Fulnam after extensive tower restoration was a quarter peal in May by this company and subsequently six further quarter peals have been rung b.re. Other towers visited were Holloway, Waterloo Road, Deptford, St. George's-in-the-East and Tottenham. Additionally assistance was given in quarter peals at Aldgate, Bethnal Green and Battersea.

Although peal ringing received relatively little attention, three of these were of note: one of Plain Bob Maximus at Southwark Cathedral conducted by Mr. J. Phillip, and two of Stedman Caters at Isleworth. One of these was the 250th peal on the bells—a special 5,250 by C W. Roberts. Of these 250 peals the London County Association headed the list of Associations with 123 between 1797 and Associations with 123 between 1797 and

The other peal of Stedman Caters was the notable composition of Stephen Wood's 5,009, which had a full-page article in "The Ringing World" October 27th) and which turns the back bells in a very musical sequence every fifth course.

fifth course

Finally, the Master expressed his grateful thanks to the officers and members who supported him so admirably and loyally during

THE 1968 ΓΕΑΜ

Mr. H. W. Rogers was again elected as Master, with the following supporting officers: Deputy Master C. M. Meyer; treasurer and librarian, W. G. Wilson; secretary, Miss V. E. Dupré; assistant secretaries, J. Scott and H. Rider; stewards. L. Way and M. Wycherley; trustees, C. Hughes and D. Hewitt.

An attractive meeting programme for the second Saturday in each month was announced, with the locations strategically planned to cater for the whole London area. Two dates mentioned which are of fairly wide interest to ringers are the tower and handbell competition under the auspices of the Richmond-upon-Thames Music Festival to be held at Isleworth on April 6th, and the Association's joint meeting with the Middlesex County Association on July 13th.

Following the business meeting, the London Following the business meeting, the London County Association Dawe handbell cup was competed for by bands from St. James', Clerkenwell, and All Saints', Isleworth. with the Clerkenwell company winning the cup with a good course of Bob Major. The Isleworth company rang a mistake-free course of Grandsire Trip'es but with a less satisfactory rhythm than the winning team. A good social evening concluded the day's activities.

> **LAST TIME** FOR NOTICES FRIDAY MID-DAY

DEVON RINGERS' TOUR

A number of members of the Devon Guild held another successful tour on February 24th, when the South Hams was again the venue, the weather being fine but very cold The organiser was Mr Norman Mallett, and accompanying him with his family were Miss Pat Sims. Messrs. A L. Bennett. D. R. Bould E. J. Cann, G E Mudge. P Perkins. S Pierce, D. Pearse and J. Steer, also Mr. and Mrs. J. P. Sims in the afternoon. The following towers were visited:—

Harberton —A ground floor ring with long draught and difficult to handle, and where the Vicar (Rev L. Malsom) said prayers.

Dipttord. — A nice ground floor ring, restored since the last war.

West Alvingion.—An easy-going ring, where he beltry was full of competition certificates, Ringing was confined to well-struck call-changes in which two local ringers took part.

Malborough - A ground floor ring with single cope ends.

Galmpton.—A very light ground floor six which seemed to drop.

South Milton.-Stedman Doubles was best on this good ring.

Bigbury.—A good-going ring but with single rope ends.

Modbury.-A grand six.

Erming on —A ground floor ring with long draught which was restored a few years back.

The lunch interval was spent at Kingsbridge and the tea interval at Modbury. A L. B.

CHAS. H. POTTS & Co. Ltd. Marshall Mills, Leeds 11

for NEW TOWER CLOCKS OVERHAULS and AUTOMATIC WINDING Phone Leeds 24081

SCIENCE FICTION

A Visit to the Foundry of the Future

By G. P. ELPHICK

Yes, of course you may go into the garden and play at bellringing with the clothes line, only don't disturb your father while he is watching the telly

The programme followed the usual well-The programme followed the usual well-worn lines; a visit to the toundry with views of the moulding, casting and tuning shops, also the assembly shop with its completed rings being tested by agile bellhangers using only the wheels to control the swinging bells. This was tollowed by a visit to a loca, tower to see the ringers in action, then back to the foundry to finish the programme.

A door opened into the drawing office-that A door opened into the drawing office—that was a strange room, circular in plan with no visible windows, yet it was filled with tight. It had a number of identical doors leading into the various departments of this very modern foundry. The managing director explained how the bell shapes were obtained and drawn by the computer, and was leading forth on the higher mathematics of bell design until one of the party asked him to start at the beginning for the benefit of the less informed members.

It was, he said, about the 1960's when the founders began to pull their heads out of the moulding sand of tradition. The first signs of change occurred when they became interested in repairing ancient cracked bells. Centuries before, when a bell cracked in the crown. often an iron band was shrunk over the inscription band to prevent the crack spreading by compressing the bell. In the mid-20th century a system of repairing cracks was developed in the general engineering trade under the name of "Metal-lock." It was effected by drilling a series of tapering holes adjoining each other on either side of the crack and forcing into them non-rusting alloy plugs linked together across the crack.

In 1964 the Danish welders successfully re-paired the tenor from Little Hallingbury, but kept their method a deadly secret. The British Welding Research Association intensified their welding Research Association intensined their research into the most difficult problem of preventing tin evaporating during a high tin contact weld. They were successful in 1967, when they welded the soundbow of the treble at Groton, Suffolk. This was a great advance on the methods used by Barimar Ltd., firm of coursel engineering welders founded a firm of general engineering welders founded in 1906. But the problem of reducing stress caused by the difference in temperature between the weld and the bell remained.

The "Metal-lock" idea gave birth to the system of electro-plating into the tapered holes system of electro-plating into the tapered holes plugs of copper, so that instead of a mechanical joint there was a molecular one. This solved the problem of stress caused by hot welding. By the mid-20th century Koehlr had plated out brass, being an alloy of copper and zinc. The bellfounders eventually found a formula for plating out bronze, so that a crack could be repaired by metal of similar proportions to bell metal. They had achieved by cold plating what hot welding could not do. They could join either side of a crack together with a similar metal and not have the area of stress caused by the shrinkage of the molten weld.

In the firm's museum there was a machine that drilled out a hole in the line of a crack and the metal was electrically replaced, then another hole touching the first was drilled and the process repeated along the length of the crack. This process was speeded up by drilling many holes simultaneously.

While this was an improvement on an entirely copper weld, for the atoms of tin were correctly surrounded by atoms of copper, it did not take into account the correct molecular structure of the alloy known as bell metal.

The equilibrium diagram for tin bronze shows that, during cooling, complicated changes occur in the metal during the cooling of a casting so that the molecular structure of the alloy is not the same as that deposited electrically. In order to obtain a metal nearer the original, a system was developed of using electrically deposited bronze as a binding medium round grains of the parent metal—in fact a form of concrete.

The microscope, which was invented by Leeuwenhoek in 1673, was vastly improved by the beginning of the 20th century, when it was used to observe etched samples of bell metal showing the results of alpha, beta, gamma, delta and epsilon phases through which the cooling alloy passed during solidification. In order to study the molecular structure, electron microscopes were developed, one of the earliest being by a German team headed by Professor Ernst Ruska in 1932. By the 1960's this type of insirument, using an electron beam instead of visible light, had not been perfected to the degree that the bell metal molecular structure could be studied. In those days the atom was often described as a central nucleus (like our sun) surrounded by a number of electrons (like the planets). This was discovered by Rutherford, working at Manchester University. By 1930 Chadwick found neutrons (like dead suns wandering in a solar system) and, later still, Professor Powell, of Bristol University, found that there were many much smaller particles, called oil mesons, that were shot our of the nucleus

a solar system) and, later still, Professor Powell, of Bristol University, found that there were many much smaller particles, called pi mesons, that were shot out of the nucleus and fell back again (like shooting stars). By using these very small particles the electronic microscope was able to study the molecular structure of tell metal.

Before this, x-rays had been used to study by diffraction the surface of bells to find out the molecular structure. The giant atom-smashing machines now in use sprang from that built by Crockroft and Walton in 1932. They now produce such powerful beams of particles that the atomic structure of a bell could be studied through its entire thickness. This settled, once and for all time, the thorny argument that raged at the end of the 19th century between Thomas C. Lewis, who held that to remove the skin of a cast bell spoiled its tone, and the other founders who maintained that it was more important to remove it in order to correct the partial tones. Thereit in order to correct the partial tones. fore the founders had to modify their cold welding techniques to produce the exact molecular structure according to which part of the thickness of the bell they were re-

While this was going on the old ideas on bell design were being re-examined in the light of more recent knowledge. It was found that the bell tone was not so simple as described by Canon Simpson. He considered that it should in its ultimate state of perfection form a common chord covering a complete octave with a hum note an octave

It was the introduction of the musical scale of Equal Temperament into Europe that compelled the Continental founders not only to get their bells in tune with each other, but the partial tones as well. The brothers Francis and Pieter Hemony brought the art of bell tuning to a high level in the 17th century. They apparently used metal bars and tound the nodes, being the places of least movement, by observing the areas where grains of sand resting on them did not jump about when the bar were strengted by resting on them did not jump about when the bar was struck. The bars were suspended by strings at these points. They also made use of grains of sand to denote when the bars were vibrating in sympathy with the bell tone that was being tuned. This information appears to have been lost until Canon Simpson product the English founders into activity. pears to have been lost until Canon Simpson prodded the Eng.ish founders into activity over tuning the partial tones of their bells. Practically every bell has five major tones which can be picked out with the aid of adjustable tuning forks. The problem was to get them into a preconceived pattern based the common chord.

When the clapper strikes the heavy metal ring known as the soundbow it distorts it into an ellipse; owing to its elasticity it springs back forming another ellipse at right-angles to the first, and in doing so forces the waist to follow it. Owing to its shape and varying thickness the surface of the bell becomes covered by areas that vibrate as pure tones at different pitches and these areas also over ap each other.

An examination by E. W. Van Heuven of a Hemony bell cast in 1663 produced these results. The nodal circle on the crown is 1.55 times in height the radius of the mouth. (See table below.) As most of these higher partials originate in the soundbow area, it was this that received the first modification. The upper cartials were eliminated by altering the structure. partials were eliminated by altering the struc-ture of the metal where the nodes would

appear

It is due to internal friction that the sound of a bell is damped. Dr. C. W. Kosten showed that this could be considerably reduced showed that this could be considerably reduced by drilling holes in a nodal circle where a meridan passes. From this idea came nodal design, where the structure of the metal was altered to give greater elasticity. The ques-tion of elasticity was studied in great detail. Basically, it is the ability of a molecular structure to regain its original shape after disstructure to regain its original snape after distriction. The nodal structures were modified into a complicated arrangement of molecules, similar in some respects to the elastic garters worn to retain stockings in position many decades ago. Thus the bell sound became purer and stronger.

Then came the breakthrough. A master molecule was devised that controlled the complicated molecular structures devised and built up by slow, tedious methods used by the previous founders before the heat of the hydrogen bomb had been tamed. This master molecule, like the D.N.A. molecule discovered in the 1960's, controlled the growth of all metal structures known as bells. It could duplicate a bell to an atom. All that is required is a plentiful supply of plasma, which is matter in its fourth state, where all the constituent parts of the atom by their intense agitation become unattached to each other. The master molecule draws, from this pool of unattached electrons, neutrons and all the other hundreds of particles that constitute each atom and build a bell. It literally grows in the same manner as a child does, by the taking of nourishment. At the end of that assembly line you can see our latest bell taking shape—it is a 500 ton tenor for Then came the breakthrough. ton tenor for

Wakey, Wakey! There's a job for you—the children broke the clothes line ringing the extent of Bob Major.

Partial 1st 2nd 3rd 4th 5th 6th 7th 8th	Name Hum Fundamental Minor third Fifth Nominal	Frequency 271 547 652 818 1,082 1,380 1,419 1,625		Number of nodal circles 1 2 2 2 2 2 2 Uncertain	Place of nodal circles 1.55 .35, 1.55 .74, 1.55 approx11, 1.55 approx1, 1.55 .28, .76, 1.55
9th 10th 11th		1,782 2,040 2,934	8 10 12	Uncertain 2 Uncertain	.52, 1.55

Method Extension by Computer

By GEOFFREY DODDS

A COMPUTER programme has now been written which removes the labour and inaccuracies which arise from finding extensions of regular Plain and Treble Bob methods by hand, according to the rules in the Central Council Report on Method Extension (1953)*. The programme requires the parent method name, to identify the results, and its place notation, including the lead-head place. About half a minute later the stage, pivot bell and place notation of the parent method and all its extensions, if any, are printed out.

As an example of the speed, the programme investigated a Surprise Major method (Leatherhead) for all combinations of the five extension patterns below the treble, with the five above the treble, for each stage of Royal and Maximus, with all pivot bell sequences possible. The time taken was 27 seconds.

Technical Details.

The programme language is Fortran 4 (E) and is at present being used on a punched card input, I.B.M.360, using a standard 80 column field.

Data Input.

Card 1. An alpha-numeric character card, for comparison with characters in the Method input and for producing characters in the Extension output.

Parent method.

Cols. 1-20. Parent method name.

Cols. 21, 22. l.h.

Cols. 21, 22. I.h.

Cols. 23—. Place notation, starting with the lead-head place, using blank and/or dot punctuation between changes, number characters for the places made (10 punched as 0) and hi immediately after the half-lead place. The programme copes with irregularities in notation, as shown below

18. Allendale Surprise. 1.h.2— 34—14—12 —36.12— —12.3 h.l.

Card 2a. If the place notation is too long for one card, a continuation card can be used, in Cols. 1-45. The programme looks for "H" in h.l. to end the method input.

Any further methods for extension are set up on cards in sequence.

Last card. Must be left blank.

Extension Output.

Part of the output of the above method is shown as an example. The general classification, name, stage, pivot bell and place notation of the parent method are printed first. Then the extension type, below-treble and above-treble extension codes as given in the Report, stages, pivot bells and place notations of all extensions are printed, unless consecutive ex-tensions are identical.

* Out of print, but probably the Central Council librarian could arrange for photo-copies to be made on request pending re-

The peal at Dunholme, Lincs, on February 19th, was arranged for Douglas W. Kirk-patrick, a member of the Chester Guild on temporary work in the District, who has become a regular visitor to the tower during

The exhibition of ringing held at All Saints' Church. Hereford, recently, resulted in 15 men and women signing on for initial instruction. Mr Marcus Sherwood, captain at the tower, and Mr. Michael Powell explained how bells were rung and a touch of Plain Bob Minor was rung.

T.B. 18, Allendale Surprise.

Minor. P6 1.h.2—34—14—12—36.12—12.3 h.l. STATIC EXTENSION.

P8 1.h.2-34-14-12-38.12-

PO 1.h.2—34—14—12—30.12— 12.30.12—12.30.12—12.3 h.l.

Maximus PT 1.h.2—34—14—12—3_T.12—12.3_T.12 —12.3_T.12—12.3_T.12—12.3 h.1.

Major. Royal. Maximus. Same as above.

The part of Rule 11 not used relates to the method type of the parent being retained in the extension. Delight methods would have to be checked by eye, as these could extend

Anyone who is interested in details of the programme layout, flow diagram, Fortran statements or card pack, please write to: Mr. Geoffrey Dodds, 18, Sandfield Road, St. Albans, Herts, enclosing s.a.e.

And Leatherhead Surprise?

T.B., 311. Leatherhead Surprise Major.

Major (f) P7 1.h.2 -58-14-56-36.14 -14.58.14-14.5 h.l..

Expanding extension. Front A-Back V or W. Maximus (f) PE 1.h.2 -5_T-56-36-78-58 -90-70.18-18.9_T.18-18.9 h.1 Static extension Front C, D or E-Back Y. Royal (f) P9 1.h.2 -50-14-56-36.14-14 50.14-14.50.14-14.5 h.l.

FRONT C-BACK Y 12.38.12-12.3 h.l. FRONT B-BACK Y Same as above. Same as above.

All the Rules in the Report, except part of Rule 11, are incorporated in the programme and it is hoped that results will be published from time to time. It will be found that there are a surprising number of extensions, in many cases with alternatives It is to be hoped

many cases with alternatives It is to be hoped that one possible extension series will in future be blessed with the name of its parent. There are already several cases where this is not so, e.g. London Bob Minor to Pershore Bob Major, which is the only line of extension, and Royal and Maximus have yet to be pealed.

Pealed at Leatherhead on Jan. 20, 1934.

Maximus (f) PE 1.h.2 --5_T--14--56--36.14-14.5_T.14--14.5_T.14--14.5_T.14--14.5 h.l.

Royal pealed at Daventry on Sept. 15th, 1967 and named Kegworth.

OBITUARY

MR. W. ABRAHAM

The sudden passing of Mr. W. (Bill) Abraham, of Bristol, has been a particular shock to ringers in Cape Town, for it was there that he took up ringing after a gap of 20 years. The ban on ringing in 1939 followed by war damage to the church broke his long service as tower secretary to St. Thomas',

1958, In August, 1958, at Woodstock, South Africa, we learned of his coming and saw to it that an invitation to join us was awaiting his arrival. A day or two later he came to practice and at once became an enthusiastic and valued member of St. Mary's. Regularity and punctuality were key notes of his ringing, and his bright and smiling countenance and his ability brought a new enthusiasm to our small band. He took a fuli part in rehanging the tenor and rang several quarter peals before returning to Bristol in 1959. at Woodstock, South

Back home at St. Mary's, Redcliffe, he went on to add to his quota of peals, while his house became a port of call to visiting South African ringers. He visited his son in Cape Town on two more occasions, taking part in the ringing, and just a year ago drove up to Rhodesia for a holiday. Woodstock is proud of the part it played in Bill's ringing life and remembers him with affection.

A. V. S.

MR. W. ELLERINGTON

A well-known North Yorkshire ringer, Mr. W. Ellerington, of Middlesbrough, died on February 14th, aged 75. He was only in hospital a week and was actually chatting cheerfully to visitors a few minutes before he died.

He lived most of his life in Middlesbrough, He lived most of his life in Middlesbrough, coming to the town at the age of 20, and worked for Messrs. Pooley, the weighing machine specialists, until he retired. He learned to ring at Naburn, near York, where he was born, and continued his ringing career at St. Hilda's, Middlesbrough, joining the Cleveland and North Yorkshire Association, membership of which he retained until his death.

He was not a great peal ringer but had rung one or two peals of Superlative in his younger days. Bill was always keen on attending District meetings, and his cheerful greeting and happy disposition will be sadly missed. With beginners he seemed to possess an abundance of patience. patience.

His funeral (cremation) took place on February 17th, and on the following Wednesday his friends and fellow ringers rang a half-mufiled peat of Cambridge Surprise Major at St. Cuthbert's, Ormesby, the church where Bill finished his ringing career only a few months. months ago.

We extend our sympathy to his son, Frank, and family, who now live at Scunthorpe. T. M. C.

BELFRY GOSSIP

Mr. J. Penning's one-part of Grandsire Triples rung at Prestwold on February 17th has 160 calls It is taken from Grandsire, 1905 edition, page 104, writes Mr. D. K. Walklate (the conductor).

The Church of St. John, Miles Platting, Manchester, is to be demolished. A farewell meeting is announced for March 16th. (The bells are a ring of eight with a tenor just over 12 cwt.)

Croydon ringers are handbell ringing in Benjamin Britten's production of "Noyes

Croydon ringers are handbell ringing in Benjamin Britten's production of "Noyes Fludde." After much searching they secured a loan of a set of 12, size 22 in E flat, from Mears and Stainbank.

Congratulations to two learners from St. Leonard's, Bilston, who competently rang their first peal of Surprise Major at Much Wenlock on February 10'h, eleven months after their first bellhandling lesson.

Taking part in a recent peal at Fulbeck was Mr. H Barnes, who rang in the first peal on the bells 63 years ago. He is the only sur-vivor of that band.

The Lancashire Association's Handbook (price 3s. 6d. post free) doubled its sales last year The Association's secretary attributes this success to a weekly advertisement in "The Ringing World." It is, however, a very good

The members of the Fawley and Romsey bands are very proud of their peal of Doubles in 75 methods/variations at Barton Stacey. It was the second attempt, and to check the validity of all methods several quarter peals had been rung. Despite the very chilly draught across an unscreened ringing p'atform a very good peal was rung with only six slips in it.

Bellfounders' Gift Page to 'The Ringing World'

DONATED BY MEARS & STAINBANK. WHITECHAPEL BELL FOUNDRY, LONDON, E.1

BELFRY GOSSIP

DONATED BY JOHN TAYLOR & CO., LOUGHBOROUGH. **LEICESTERSHIRE**

BROMYARD'S EXAMPLE

Behing the augmentation of the six bells of St. Peter s. Bromyard, Herefordshire, to eight and rehanging on a steel frame is a story of a novel scheme and practical generosity.

novel scheme and practical generosity.

To mee' the cost of £2,000 the P.C.C. launched a loan scheme in units of £10. These would be repaid over a period of ten years by an annua' draw of 20 bonds, the first to carry a bonus of £5. In a little over two weeks no less than £1,530 was received on loan and over £50 in gifts. The appeal then received a most generous gift from Mrs. M. Dawson as a memoria' to her late husband, which will not only pay for the essential repairs and installation of a new bell frame but will also provide for one additional bell.

Tom Cooper chairman of the Bell Reneit

Tom Cooper, chairman of the Bell Repair Committee and Master of the Hereford Dio-cesan Guild has offered to meet the cost of the second bell. Steps are being taken to re-fund the sum loaned.

A party of Bromyard ringers recently made the journey to the Loughborough Foundry to see the two bells cast. It is expected that Messrs Taylors will start the reinstallation and augmentation this month The Bishop of Hereford is to perform the ceremony of dedication on Friday, April 5th, at 7.30 p.m.

GOOD WISHES TO IAN AND MARGARET

A popular wedding, linking Lancashire with Kent, took place at Leigh, Lancashire, on February 24th, between Mr. Ian Oram, peal secretary of the Kent County Association and captain of the ringers at the Church of the Annunciation of the Blessed Virgin Mary, Chislehurst, and Miss Margaret E. Fort, who is also a noted peal ringer. While the wedding was in progress a peal of Stedman Triples was being rung at the bridegroom's tower at Chislehurst by Kent colleagues. Hundreds of ringers will wish Ian and Margaret every happiness in their married life.

BIRTHDAY BELLS AT OLD BRAMPTON

For Mr. P. (Percy) Attwood, the oldest member of the Old Brampton, Derbyshire, band, ber of the Old Brampton, Derbyshire, band, February 3rd will long be remembered, as he took part in a quarter peal rung at Old Brampton especially in honour of his 70th birthday (the day before). A native of Great Tew, near Banbury, where he first learned to ring over 54 years ago, Percy is a very popular figure in the Chesterfield District, as was evident after the quarter, when he received birthday presents from the Vicar (the Rev. A. B. Gordon) and from the other members of the band, the latter being in the form of two complimentary tickets to the Derbyshire Association's dinner that evening. sociation's dinner that evening.

5,280 WOLLATUN SURPRISE MAJOR Submitted by S. HUMPHREY M W H 23456

2 2	2 2	2 2 2 2 2 2	34256 52436 54326 25463 53462 23564

Repeated 2x.
Contains 96 roll-ups.
First rung to Wollaton at Bushey, Herts,
on February 13th, 1968.

THE BRAINTREE FOUNTAIN

Twenty members and friends of the St. Michael's Guild of Change Ringers attended the second annual dinner since the custom ded the second annual dinner since the custom was revived. It was held on Friday, February 16th, at the new dining room at the King William, Bocking Church Street, Braintree. The curator of the Colchester Museum, himself unable to attend, very kindly lent the Braintree Fountain or Ringers' Jug, which was on view in the dining room for the occasion. This handsome object, illustrated in Walters' "Church Bells of Britain", having a capacity of well over three gallons but now of doubtful practicality, was made at the Stock Pottery in 1685. It is inscribed with the names of the parish, the clerk and the ringers, to whom it was given by "the Mayor". Subsequently for



over 100 years in the possession of the family of a Mrs. Waylett, a publican, it was given to the Museum over 60 years ago. Further information and the time when it was last "at home" would be welcomed by the Guild.

After an excellent meal. Mr. R. J. Lindsell, Ringing Master, proposed the traditional toast of "The Church". He referred to the enjoyment to be obtained from active participation in such pursuits as ringing in an age of armchair enthusiasm, and the important role of the Church still to patronise the arts. Without her the service of ringing would lose much of its meaning. Replying on behalf of the president, the Vicar of Braintree, who had a prior engagement, the Rev. John Nobbs thanked the ringers for regular support—few Sundays pass without morning and evening ringing—and commented on the usefulness of bells and friendliness of ringers. "Whatsoever ye do, do it heartily as for the Lord" provided an apt motto for the ringers.

The secretary then briefly outlined the known history of the jug. and the hope was expressed that the example of our predecessors in raising funds for the addition of two bells, consecrated at Michaelmas. 1899. in celebration of the 700th anniversary of the foundation of St. Michael's Church, could be followed by us today in the proposed addition of two further trebles to bring the total to ten. Plans for this are under way, and a fund-raising committee is in course of being set up, in view of the estimates received for the work.

The evening ended with tunes and changes being rung by members of the company on handbells. an aspect of the art to which increasing attention is being given. C. H. G.

Expressing his delight at a new ring of eight bells installed at All Saints' Church. Tooting Graveney, Mr. Martin D. Fellows writes: "It should be placed on record that were it not for the untiring efforts of its curate, the Rev. Tony Clayton, the parish of All Saints would still be with only one bell in its church. Tony was indeed fortunate in being able to secure the old Warner bells from the redundant Church of St. Michael, Star Street, Paddington, to provide the metal for the new ring. "I well remember being telephoned and told 'We've got the old bells from Star Street for scrap, and the demolition contractors are having to throw them off the top of the tower as they are unable to get them out any other way'!"

HIS AMERICAN TOUR

Mr. William Theobald has been selected to go to the United States and Canada with the "Daily Express" Jetsell tour representing Messrs. Mears and Stainbank. He will be visiting Boston, Washington, Atlanta, Minneapolis, St. Louis and Montreal. At the conclusion of the tour he is going to Smith's College Northampton, Mass, to install a new ring of eight.

College Northampton, Mass, to install a new ring of eight.

Mr. Theobald has made certain contacts but if any ringers in America or any going out there at this period would contact him he would be glad to hear from them and, if time permits, to meet them.

RINGERS MAKE MERRY AT

EASTBOURNE

On the evening of February 20th the Old
Parsonage at Eastbourne fairly rock d with the
sound of bursting balloons as ringers and
friends from a wide area met within its centuries-old walls. In spite of last-minute apologies from several old friends due to illness,
over 70 people of all ages were present.

The holder of the lucky number ticket was
found to be Bob Percy, Sussex Association
secretary, whose family of ringers turned up
in force. They are expected to make short
work of his prize—an iced cake surmounted
by a tenor of undetermined weight. (Cries of
'Fiddle!" were entirely unjustified!) During
the evening the games included the ever-popular
musical chairs—played this time with a
difference—and a crafty quiz.

A loaded refreshment table was provided by
an army of helpers, and the goodies disappeared at the usual speed. When the cider
flagon tap snapped off in the middle of things
cries of panic produced all manner of containers to prevent the drink being wasted on
the woodworms. Harold denies that his beret
was in use at this time.

Familiar melodies by the youngsters of the
Se Mary's Handbell Choir were well received,

was in use it this time.

Familiar melodies by the youngsters of the S: Mary's Handbell Choir were well received, as were Grandsire Caters by a band representing several towers. And as those from distant parts began to take their leave the festivities came to an end with "Auld Lang Syne".

DRAYTON'S PRE-REFORMATION TENOR

Permission has been granted by the Chancellor of the Norwich Diocese to recast the pre-Reformation 6½ cwt. tenor of St. Margaret's Church, Drayton, Norfolk, which cracked on Christmas Eve This bell is being recast by the Whitechapel Bell Foundry, where it recently arrived. The weight of the new bell will be increased to 8 cwt, and it is hoped to have it back in the tower by the end of March, writes Mr. M. A. Frost, tower captain.

TOWER BELL PEALS

THE ANCIENT SOCIETY OF	COLLEGE YOUTHS.
MAIDSTONE, Kent.—At the	
On Sat., Feb. 17, 1968, in 3 l	
A PEAL OF 5040 CAMBRIDO	GE SURIRISE ROYAL

renor	34	CWI, ZU	ib in C snarp.			
Christopher T. Osenton	T	reble	Peter S. Muchlinski		6	
Arthur S. Richards		2	Martin L. Howe		7	
Thomas Cullingworth		3	Robert W. Hinde		8	
Richard Hayes		4	Andrew J. Corby		9	
Raymond E. Finch		5	Philip A. Corby		Ten	or
Composed by Roderick	W	Pipe.	Conducted by Phil	ip	A. Corb	у.

LONDON, E.C.—At the Church of St Lawrence Jewry-next-Guildhall. On Fri., Feb 16, 1968, in 3 Hours and 13 Minutes,

A LEAL OF SUB LOIN	DOM SORI RIDE MINGOR
Tenor 24 cwt. 3	gr. 2 lb. in E flat.
Alan R. Patterson Treble	John Armstrong 5
G William Critchley 2	Rodney B. Meadows 6
Andrew N. Stubbs 3	David P. Hilling 7
Martin C. Faulkes 4	Michael P. Moreton Tenor
Composed by Roger Baldwin	Conducted by David P. Hilling

THE BATH AND WELLS DIOCESAN ASSOCIATION CHEWTON MENDIP, Som,—At the Church of St. Mary Magdalene.
On Sat., Feb. 10, 1968, in 3 Hours and 4 Minutes.

A FEAL OF 3040 S	DIEDMINI INILLES		
Dexter's No. 2.	Tenor 24 cwt. 1 gr	10	lb. in D.
Elisabeth A. G. Bowden Treble	Bernard G. North		5
Allan Tubb 2	Patrick J. Bird		6
Edgar T. Skipsev 3	Richard J. Bowden		7
John H Taylor 4	Rev. Roger O. Fry		Tenor
	Patrick J. Bird.		

THE BEDFORDSHIRE ASSOCIATION BEDFORD.—At the Church of St. Paul.
On Mon., Feb. 19, 1968, in 3 Hours and 15 Minutes,
A PEAL OF 5040 YORKSHIRE SURPRISE ROYAL

	yr o w. m D.	
Arthur Gibbs Treble	Frank W. Rivett	5."
*Linda Ellison 2	Robert L. Piron	7
Anthony H Smith 3	†Keith H. Fleming	3
Alfred E Rushton 4		
David T Darby 5		
	Stephen Ivin.	

* First peal on ten bells and first of Yorkshire. † First of Yorkshire Royal.

THE CHESTER DIOCESAN GUILD.
BEBINGTON. Cheshire.—At the Church of St. Andrew.
On Sat., Feb. 17, 1968, in 3 Hours and 5 Minutes,
A PEAL OF 5056 PLAIN BOB MAJOR

Tenor 8 cwt. 3 q	r. 15 lb. in A flat.
*John G. Lifton Treble	Donald Peers 5
*Gillian M. Morrison 2	Robert Peers 6
*Thomas E. Howarth 3	†Randle T. J. Tinkler 7
Charles F Pocock 4	F. Leslie Coventry Tenor
Composed by J. R Pritchard.	Conducted by F. Leslie Coventry.
* First peal of Major † First	peal.

PULFORD. Cheshire.—At the Church of St. Mary the Virgin.
On Sat., Feb 17 1968 in 2 Hours and 55 Minutes.
A PEAL OF 5040 LITTLE BOB MAJOR

Tenor 9 cw	¹ 3 qr. 10 lb.
David N. Collins Trebl	George H. Randles 5
Peter K. Goodhew 2	Michael Thomson 6
*Norah M. Randles 3	Christopher J. Jones 7
John W Griffiths 4	Harry W. Howard Tenor
Composed by N. J. Pitstow.	Conducted by Harry W. Howard.
* First peal in the method tog	
Dung as a highday complimen	t to the conductor

Rung as a birthday compliment to the conductor.

(Wirral Branch)

BIDSTON, Cheshire.—At the Church of St. Oswald,
On Sat., Jan. 13, 1968, in 2 Hours and 48 Minutes,
A PEAL OF 5040 DOUBLES

In 42 methods/variations. being one extent each of May Day. Rovston.
St. Ignatius, Heyford, Churchill, Chilton, Seighford, Little Aston,
Elford, Shareshill, Austrey, Ruyton, Besthorne, Cos*essey, Shropham,
Norwich, Mileham, Walsingham, Old Bob. St. Columb., Cassington,
St. Thomas, St. Peter, St. Luke, April Day, Clifford's Pleasure, Evnsham, St. Andrew, St. Leonard, St. John, Kenning'on, Reverse Canterbury Pleastire, St. Albans, St. Nicholas, St. Paul, Winchendon
Place, Plain Bob, Southrepps, St. Simon, St. Giles, St. Martin, St.
Miles.
Thomas E. Howarth
Tribele
Donald Peers

2 Charles B. Pemberton

3 Paul Studdart

Timpthy R. Marsh

5 Paul Studdart

Tenor
Conducted by Charles B. Pemberton.

Conducted by Charles B. Pemberton.

* First peal. First in 42 methods by all
Rung as a wedding comn'iment to Son'a Singleton and Robert
Nixon, both ringers at this church, married on December 28th, 1967.

THE COVENTRY DIOCESAN GUILD
ALLESLEY, Warwickshire—At the Church of All Saints.
On Sat., Feb. 3, 1968, in 2 Hours and 49 Minutes,
A PEAL OF 5056 YURKSHIAE SURARISE MAJOR

Tenor 12	
Ruth Havard Treble	Frank W. Perrens 5
Clare Dolphin 2	
Ian D. Thompson 3	
Percy Stone 4	L. Michael Ca low Tenor
Composed by E. W. Tipler. (No. 1.	Conducted by L. Michael Callow.
Rung to commemorate the silver	r wedding of the Rector, the Rev.
Glyn Hughes.	THE RESERVE TO SHARE THE PARTY OF THE PARTY

SOUTHAM, Warwickshire.—At the Church of St. James. On Wec., Feb. 21, 1968, in 3 Hours and 2 Minutes, A PEAL OF 5040 GRANDSIRE TRIPLES

Holt's 10-part.	Tenor 15 cwt. 1 gr	25	lb.	in F
Robert W. Sherriff Treble	Ference G. Hill			5
Ian C. Maycock 2	Peter C Randall			6
F. Mark Robottom 3	John F. Thorne			7
Jill Riley 4	Michael Hill		1	Tenor
Conducted by	Ian C. Maycock.			

Rung by a Southern District band on the 60th anniversary of the first peal for the Coventry Diocesan Guild (also Grandsire Triples).

THE SOCIETY OF ROYAL CUMBERLAND YOUTHS.

GREAT BADDOW, Essex.—At the Church of St. Mary the Virgin.

On Sat., Feb. 10, 1968, in 3 Hours and 4 Minutes.

A PEAL OF 5280 SPLICED SUR RISE MAJOR

In seven methods, being 960 Le	ondon. 928 Watford, 896 Bristol.
672 Cambridge, 640 Superlative, 60	8 Dorchester and 576 Pudsey with
125 changes of method and all th	e work of the seven methods for
each bell.	Tenor 144 cwt in Fishern
Ann E. Fellows Treble	Edward F. P. Bryant 5
Jane Foster 2	Peter M. Wikinson 6
Joe E. G. Roast 3	I Michael Lokin
	J. Michael Lakin 7
Ronald J. Sharp 4	Dennis Beresford Tenor
Composed by Albert J. Pitman	Conducted by Dennis Beresford.
, , , , , , , , , , , , , , , , , , , ,	conducted by Dennis Beresioid.

THE UNIVERSITY SOCIETIES OF DURHAM & NEWCASTLE.
BRANCEPETH. Co. Durham.—At the Church of St. Brandon.
On Sat., Feb. 17, 1968. in 2 Hours and 53 Minutes.
A PEAL OF 5088 YORKSHIRE SURPRISE MAJOR
Tenor 13 cwt. in F sharp.
Mike O. Edwards (N) .. Treble M. Alec Beaumont (D) .. 5
Charlotte A. Bennett (D) 2
Peter H. Gardner (D) .. 3
Adrian Dempster (N) .. 4
Stephen C. Wells (D) .. Tenor
Composed by N. J. Pitstow.
First peal in the method.
First of Surprise Major as conductor.
Rung to mourn to ending of G.M.T.

THE ELY DIOCESAN ASSOCIATION.
LITLINGTON, Cambridgeshire.—At the Church of St. Catherine.
On Mon., Feb. 19, 1968, in 2 Hours and 31 Minutes,
A PEAL OF 5040 PLAIN BOB MINOR

Jean Sanderson		Barry J. Couzens	4
Frank Harper			
		D William Newman	Tenor
	Conducted by .	John G. Gipson,	

· First peal.

peal on the bells since rehanging.

THE ESSEX ASSOCIATION.
FEERING. Essex.—At the Church of All Saints.
On Sat., Jan 20. 1968. in 2 Hours and 50 Minutes,
A PEAL OF 5056 ZURICH SURPRISE MAJOR

	161	101 10	AL HEL.	
Keith W. Brown		Treble	Susan Rothera	5
Yvonne A. Murray		2	Philip J. Rothera	6
Josephine Quilter		3	lames L. Towler	7
Peter G. Brown		4	George E. Thoday	Tenor
Composed by C. J.	Sedgley	(No. 1) Conducted by George E	Thoday.
First neal in the	method	hy all	and for the Association	and first

THE ESSEX ASSOCIATION. HARLOW, Essex.—At the Church of St. Mary Magdalene. On Sat., Feb. 3, 1968, in 2 Hours and 54 Minutes, A PEAL OF 5376 SPLICED SURFRISE MAJOR In eight methods, comprising 1,120 Rutland, 896 Bristol, Yorkshire, 6/2mcomsnre, Cambriage, 448 rugsey, Superlative and 224 London,	(Preston Branch) HIGHER WALTON, Lancashire.—At the Church of All Saints. On Sat., Feb. 17, 1968, in 3 Hours and 4 Minutes, A PEAL OF 5056 YORKSHIRE SURPRISE MAJOR Fenor 15 cwt. Alan Gardner Treble †Richard Palmer 5
with 118 changes of method and all 'he work of each method for every bell. Keith W. Brown Treble David E. Rothera 5 *Josephine Quilter 2 Susan Rothera 3 Robert E. J. Dennis 4 George E. Thoday Tenor	*Betty Palmer
* First peal of 8-Spiced Surprise Major. GREAT YELDHAM, Essex.—At the Church of St. Andrew. On Wed., Jan. 3, 1968, in 2 Hours and 50 Minutes,	SCORTON, Lancashire.—At the Church of St. Peter. On Sun., Feb. 18, 1968, in 3 Hours and 1 Minute, A PEAL OF 5040 GRANDSIRE TRIPLES *William Richmond Treble Cyril Crossthwaite 5
*Elizabeth Campbell Treble Jean Simmonds	Diana J. Handley 2 Margaret Crossthwaite 3 Stanley Anderton 4 Composed by J. J. Parker. * First peal. Rung for the tenth anniversary of the induction of the Vicar. the
• First peal. First as conductor. First in the method by all the band. Tenor 7 cwt. in A	Rev. Percy Hollinrake Tenor 20 cwt THE LEICESTER DIOCESAN GUILD.
THE GLOUCESTER AND BRISTOL DIOCESAN ASSOCIATION. LONGNEY, Gloucestershire.—At the Church of St. Lawrence. On Sun., Feo. 18, 1968, in 2 Hours and 49 Minutes, A PEAL OF 5152 SPLICED SURPRISE MAJOR In 23 methods, comprising 224 each of Ashtead, Bristol, Cambridge,	DUFFIELD, Derbyshire.—At the Church of St. Alkmund, On Sat., Feb. 17, 1968, in 2 Hours and 51 Minutes, A PEAL OF 5040 LINCOLNSHIRE SURPRISE ROYAL Tenor 17 cwt. 2 qr 11 lb. in E. John M. Jelley Treble *Philip A. Mason 6
Cassiobury, Cornwall C-ay, Double Dublin, Glasgow, Ipswich, Jersey, Lincolnshire. Lindum London, Preston, Pudsey, Rutland, Superlative, Tavistock, Uxbridge Watford, Wembley, Whalley and Yorkshire, with 160 changes of method and all the work of each method for every bell. Tenor 11 cwt.	W. Ernest Rawson 2 *John Bramley 3 Martin Green 4 *R. Brian Mills 5 Arranged by John R. Mayne Malcolm E. Wade 7 Roland H. Cook 8 A Maxwell Lindsey 9 R Kingsley Mason Teno Conducted by R. Kingsley Mason
Maryl R. Crossthwaite . Treble Roger Baldwin	* First peal of Royal in the method. LOUGHBOROUGH, Leicestershire.—At the Bell Foundry Campanile
Composed by Norman Smith. Silent and Non-Conducted. Umpire: Cyril A. Wratten, who checked every lead-end throughout the peal	On Tues., Feb. 20. 1968, in 2 Hours and 34 Minutes, A PEAL OF 5040 LITTLE BOB MAJOR Tenor 6 cwt. 2 qr. 13 lb in B. G. Ronald Edwards Treble *Kenneth Burdett 5
THE GUILDFORD DIOCESAN GUILD, GUILDFORD, Surrey.—At the Cathedral Church of the Holy Spirit. On Sat., Feb. 10, 1968, in 3 Hours and 4 Minutes, A PEAL OF 5007 STEDMAN CATERS Jill M. May Treble Peter G. Sherwood 6	*Frank Chambers
*Carolyn Tubbs	(Syston District) LOUGHBOROUGH, Leicestershire.—At the Bell Foundry Campanile On Fri., Feb. 16, 1968, in 2 Hours and 29 Minutes, A PEAL OF 5040 DOUBLES Being two extents each of Plain Bob, Kennington, Old. April Day
* First peal of Stedman. † First of Stedman Caters. Rung in connection with the 40th anniversary celebrations of the Guild. THE HERTEORD COUNTY ASSOCIATION.	Seighford, Southrepps, Rev. Canterbury, St. Columb, Clifford's Pleasure, Little Aston, Dedworth. Primrose. Violet, Wychbold, Honey suckle, Cowslip, Grandsire, Newborough, Daffodil, Bluebel: and Thrumpton. Tenor 6 cwt. 2 qr. 13 lb Malcolm D. Barsby Treble Roger I. Kendrick 4
ST. IPPOLYTS, Hertfordshire.—At the Church of St. Ippolyts, On Sat., Feb 24, 1968, in 2 Hours and 38 Minutes, A PEAL OF 5040 MINOR Comprising one extent each of St. Clement's, Plain Bob, Oxford Bob, Norwi h Oxford T.B., Cambridge S. and Kent T.B. Tegor 12 cwt. 3 qr. 6 lb. in G.	*Cherrill L. Everard 2 *James Preston 5 B. Stedman Payne 3 *Frederick W. Faulkner Tenor Conducted by B. Stedman Payne. * First peal in 21 methods/variations. Rung as a birthday compliment to Mrs. B. S. Payne.
Michael R. Worthington . Treble Frank W. Croft	THE LINCOLN DIOCESAN GUILD. LINCOLN.—In St. Hugh's Tower, at the Cathedral Church of the Blessed Virgin Mary
Rung to mark the restoration of the tower and ringing chamber. THE KEN1 COUNTY ASSOCIATION. HEVER. Kent.—At the Church of St. Peter.	On Sa Feb 24, 1968. in 3 Hours and 19 Minutes, A PEAL OF 5042 CAMBRIDGE SURPRISE MAXIMUS Tenor 23 cwt. 3 qr. 23 lb. in D. Alan A Potts Treble Alan McFall
On Fr., Feb. 16, 1968 in 2 Hours and 26 Minutes, A PEAL OF 5040 CAMBRIDGE SURPRISE MINOR John A. Howard Freble Judith M. Corby	Christopher M. Movley . 3 Frank Osbaldiston 4 Basil Jones 5 C. Kentieth Lewis 6 Robert B. Smith 10 Brian Harris 11 C. Kentieth Lewis 6
* First peal of Surprise Minor. Tenor 8½ cwt. in A THE LANCASHIRE ASSOCIATION.	Composed by Peter Border Conducted by Basil Jones. Rung to the memory of John Worth and the Rt. Rev. David Colin Dunlop, Dean of this Cathedral 1949-1964.
WORSLEY, Lancashire.—At the Church of St. Mark. On Sat., Feb. 17, 1968, in 3 Hours and 23 Minutes, A PEAL OF 5040 PLAIN BOB ROYAL Tenor 24 cwt. 7 lb, in D. Thomas W. Hasketh Trebb. 1 H. Lyndon Haffield	SCUNTHORPE, Lines.—At the Church of St. John the Evangelist. On Fri., Feb 16, 1968 in 2 Hours and 48 Minutes. A PEAL OF 5056 BIDDENDEN SURPRISE MAJOR Tenor 16 cwt 3 qr 24 lb.
Thomas W Hesketh Treble †H. Lyndon Hatfield 6 Martin E. Snape 2 *Keith J. Walpole 7 *Susan D Cowan 4 Dennis Jones 9 †Geoffrey C. Sparling 5 Walter Allman Tenor	William Bains Treble Rona'd Chafer 2 Jack Bray 3 Melvyn Rose 4 Composed by W. E. Critchley. Conducted by Michael W. Crowder.
Composed by H. J. Tucker. Conducted by Keith J. Walpole. * First peal of Bob Royal. † First on ten bells, Rung as a birthday compliment to Dennis Jones.	First in the method by all except the ringers of 7th and tenor Rung as a welcome to Judith Nicola, daughter of Frank and Gwen Bloomfield.

FHE LINCOLN DIOCESAN GUILD. BARTON-HUMBER, Lines.—At the Church of St.	Магу
On Sat., Feb. 17, 1968, in 3 Hours and 11 Minutes, A PEAL OF 5088 KENT TREBLE BOB MAJOR	-

Tend	or 16 cwt	. 3 gr. 3 lb.		
Robert T. Harrison .	. Treble	Harold Judd		5
*William Bains	. 2	Jack Bray		6
Ronald Chafer	. 3	C. Aubrey Harr	ison	7
Geoffrey Bromfield				
Composed by W. Hudso				
* First peal in the met	hod			

Rung as a birthday compliment to the Vicar, the Rev. J. E. Swaby, president of the North Lindsey Branch.

UPTON, Lincolnshire.—At the Church of All Saints. On Fri., Feb. 9, 1968, in 2 Hours and 29 Minutes, A PEAL OF 5040 MINOR

A PEAL OF 5040 MINOR

Being one extent in each of the following methods: (1) Single Oxford, (2) Oxford T.B., (3) Double Oxford, (4) St. Clement's, (5) Kent T.B., (6) Plain Bob, (7) Cambridge Surprise. Tenor 11 cwt. in G. Douglas Surman ... Treble | John M. Blaikie ... 4

Melvyn A. Rose ... 2 | John F. Underwood ... 5

G. Leslie A. Lunn ... 3 | A Robin Heppenstall .. Tenor Conducted by A. Robin Heppenstall.

First peal on the bells since their augmentation to six. Rung in memoriam Mrs. F. Stephenson.

MIDDLESEX COUNTY ASSN. & LONDON DIOCESAN GUILD. HILLINGDON, Middlesex.—At the Church of St. John the Baptist. On Sat., Feb. 17, 1968. in 3 Hours and 10 Minutes,

A PEAL OF 5040 BRISTOL SURPRISE ROYAL

Tenor 21 cwt. 1 qr	. 22 lb. in E flat.
G. William Critchley Treble	*Jonathan S. N Porter 6
Thomas J. Lock 2	John Hill 7
Joan Beresford 3	William S. Deason 8
Claudia A. Critchley 4	John R. Mayne 9
*Christopher H. Rogers 5	Frank T. Blagrove Tenor
Arranged and Conducte	d by John R Mayne.

* First peal of Bristol Royal. First of Bristol Royal on the bells. The ringer of the 2nd has "circled the tower."

WILLESDEN Middlesex.—At the Church of St. Mary.
On Thurs, Feb 8, 1968, in 2 Hours and 35 Minutes,
A PEAL OF 5024 HONITON SURPRISE MAJOR

	3 qr. 25 lb.		
G. William Critchley Treble	Dennis Knox		5
Joan Beresford 2	John Hill		6
Claudia A. Critchley 3	Thomas J. Lock	Se 14	7
Alick Cutler 4			
Composed by Charles J. Sedgley. C			
First peal in the method.	A 100		

HONITON SURPRISE MAJOR —38—14—12.58.16.34—14.58—14—18. l.e. l.e. 6482735.

THE MIDLAND COUNTIES GUILD.

OVERSEALE, Derbyshire.—At the Church of St. Matthew
On Sat., Jan. 20, 1968, in 2 Hours and 42 Minutes,

A PEAL OF 5040	PLAIN BUB TRIPLES
Hubbard's 10-part.	Cenor 9 cwt, 3 qr. 1 lb. in A flat. Joseph W. Cotton 5
Richard J. Clifton Treble	Joseph W. Cotton 5
Norman W. Attaway 2	Arthur E. Rowley 6
Norman W. Cotton 3	Derek P. Jones 7
	Derek P. Jones.

NETHERSEALE, Derbyshire.—At the Church of St. Peter. On Mon., Feb. 19, 1968, in 2 Hours and 37 Minutes, A PEAL OF 5056 PUDSEY SURPRISE MAJOR

Tenor 11 cwt. 2	qr. 7 lb. in G.
Sheila Parsons Treble	Arthur E. Rowley 5
Richard J. Clifton 2	
William J. V. Conduct 3	Joseph W. Cotton 7
Rev. M. C. C. Melville 4	Derek P. Jones Tenor
Composed by Philip G. K. Davies	Conducted by Derek P. Jones.

THE NORTH WALES ASSOCIATION. BUCKLEY, Flintshire.—At the Church of St. Matthew. On Sat., Feb. 24, 1968, in 2 Hours and 50 Minutes, A PEAL OF 5056 PLAIN BOB MAJOR

101	nor 14 cwt. Z q	r. / Ib.		
Rachel Williams	Treble Ged	orge H. Randles	5	
*Gale M. Starkie	2 Den	nis H. B. Milly	vard 6	
Norah M. Randles	3 Day	vid N. Collins	7	
John W. Griffiths	4 Geo	offrey Parting	Teno	ľ
J R. Pritchard's two-part		onducted by Ge	offrey Parting	ζ.
* First peal on eight				
Rung as a 21st hir hd	av compliment t	o Mr Peter Ion	nes a membe	

of the Buckley company and a birthday peal for the treble ringer.

THE NORWICH DIOCESAN ASSOCIATION.

THE NORWICH DIOCESAN ASSOCIATION.

GARVESTON, Norfolk.—At the Church of St. Margaret.
On Mon., Feb. 19, 1968, in 2 Hours and 38 Minutes,
A PEAL OF 5040 MINOR

In seven methods, being an extent each of Norwich Surprise, Double Oxford, Oxford Treble Bob, St. Clement's College Bob, Kent Treble Bob, Cambridge Surprise and Plain Bob. Tenor 10 cwt. in G. Henry Tooke Treble Fhomas E. Spight 4

Frank C. J. Arnold 2
David Cubitt 3 | Martin Cubitt 5

Conducted by Leslie F. Bailey.

RECORD LENGTH

THE OXFORD DIOCESAN GUILD.

APPLETON, Berkshire.—At the Church of St Laurence.

On Sat., Feb. 10, 1968, in 9 Hours and 10 Minutes,

A PEAL OF 16559 GRANDSIRE CATERS

Tenor 14 cwt. 2 qr 19 lb. in E.

Andrew N. Stubbs Treble	John H Napper 6
John W. T. Hibbert 2	
Dennis Knox 3	Tudor P Edwards 8
Frank D. Mack 4	Stephen J. Ivin 9
Dennis A. Leslie 5	Francis A. White Tenor
Composed by Albert M. Tyler.	Conducted by Brian R. White.
Umpires: William Theobald, Will	liam Hibbert and William Coles.

HENLEY-ON-THAMES, Oxon.-At the Church of St. Mary the

On Sat., Feb. 17, 1968, in 3 Hours and 15 Minutes,
A PEAL OF 5184 SUPERLATIVE SURPRISE MAJOR
Tenor 214 cwt. in D.

Frederick R. Scott Treble	David E. Rothera 5
Andrew N. Stubbs 2	David P. Hilling 6
Sydney M. Bailey 3	Geoffrey K. Dodd 7
Alan E. Bagworth 4	A. Patrick Cannon Tenor
	Conducted by David P. Hilling.
100th peal as conductor	

DRAYTON, Berkshire.—At the Church of St. Peter. On Sat., Feb. 24, 1968, in 2 Hours and 49 Minutes, A PEAL OF 5040 STEDMAN TRIPLES

Heywood's	transposition.		Tenor 9 cwt. 1 gr. 20 lb.
Claude Co	rderoy Ti	reble	
Harold W.	Dunsden	2	Rev. C. Elliot Wigg 6
Angela M.	Ayres	3	Robert B. Blond 7
*Andrew R.	D. Cope	4	†Christopher A Clarke Tenor
	Conducted	by F	Robert B. Blond.

* First peal of Stedman. † First peal.

Rung to we'come the Rev. E. B. Wood and family to Drayton and the North Berks Branch, and also as a compliment to the Rev. and Mrs. C. Elliot Wigg on the occasion of their 27th wedding anniversary.

THE OXFORD UNIVERSITY SOCIETY.
KIRTLINGTON, Oxon.—At the Church of St Mary the Virgin.
On Fri., Feb. 23, 1968. in 2 Hours and 59 Minutes,
A PEAL OF 5088 PUDSEY SURPRISE MAJOR

Tenor 16 cwt. I	
Stephen K. Thompson Treble	P. Gerald McIlhone 5
John R. Leary 2	Peter H. Mackie 6
J. Paul Coad 3	Stephen F. Royal 7
Philip J. Daniel 4	Jeremy R. Pratt Tenor
Arranged by Richard J. Parker.	Conducted by Stephen F. Royal.

TOWER CLOCKS

NEW INSTALLATIONS OF ALL TYPES REPAIRS AND CONVERSIONS OF HAND WOUND TO ELECTRIC WINDING

GILLETT & JOHNSTON (CROYDON)

70a, CLARENDON ROAD

WEST CROYDON, SURREY.

Tel. Municipal 2694

THE OXFORD DIOCESAN GUILD. SUTTON COURTENAY, Berkshire.—At the Church of All Saints. On Sat., Feb 17, 1968. in 2 Hours and 51 Minutes, A PEAL OF 5040 SURPRISE MINOR	THE SUFFOLK GUILD. HELMINGHAM, Suffolk—At the Church of St. Mary. On Sat., Feb. 17, 1968, in 2 Hours and 53 Minutes, A PEAL OF 5056 YURKSHIKE SURPRISE MAJOR
In seven methods: (1) Northumberland, (2) Bourne, (3) Carlisle, (4) Beverley and Surfleet, (5) Cambridge, Beverley and Surfleet, and 1,440 Cambridge and Joswich. Tenor 14 cwt.	*Stephen Bedford Treble Cecii W. Pipe 5 Muriel R. Page 2 William J. Button 6
John S. Hopwood Treble Jonathan R. Rowson 4 A Keith P. Poole 5 Christopher I. Rowson Tenor Conducted by Christopher I. Rowson	The two partials of the two partials are the two pa
Rung to mark the passing of G.M.T. First peal on the sells since rehanging.	* First peal of Major. † First of Surprise Major. POLSTEAD, Suffolk.—At the Church of St. Mary. On Fri., Feb. 16, 1968, in 2 Hours and 33 Minutes,
THE OXFORD UNIVERSITY SOCIETY. BOURTON-ON-IHE-WAILR Glos.—At the Church of St. Lawrence. On Sat., Feb. 17, 1968, in 2 Hours and 56 Minutes, A PEAL OF 5088 RUTLAND SURPRISE MAJOR	A PEAL OF 5040 MINOR Being two extents Kent Treble Bob and five of Plain Bob. *Jeremy J. Dingwall (15) Treble Hrs. Leslie Mills 4 Evelyn R. M. Cansdale . 2 David J. Reeve 3 Donald L. Mills Tenor
Tenor 12 cwt. 1 qr. 22 lb. in F sharp. Richard J. Wilsher Treble Jeremy R. Pratt 5 Peter H. Mackie 2 J. Paul Coad 6 Lohn R. Leary	Conducted by Donald L. Mills. * First peal attempt. Rung by the Bures St. Mary Society with their best wishes to Gillian and Roderick Pipe on the birth of a son, and to Pauline and
John R. Leary 3 Roger E. Burbery 4 Composed by Charles W. Roberts. Conducted by P. Gerald McIlhone.	Harry Millatt on the birth of a daughter. Tenor 9½ cwt. CAVENDISH, Suffolk.—At the Church of St. Mary. On Sat., Feb. 17, 1968, in 2 Hours and 25 Minutes, A PEAL OF 5040 PLAIN BOB MINOR
THE PETERBOROUGH DIOCESAN GUILD. PATTISHALL, Northants—At the Church of the Holy Cross. On Sat., Feb. 17, 1968, in 3 Hours and 12 Minutes,	Being seven different extents. *John P. Loveless (12) Treble Evelyn R. M. Cansdale 2 David J. Reeve 4 Leslie D. Mills 5
A PEAL OF 5040 MINOR Being seven extents in eight methods, viz.: (1) London Surprise, (2) College Exercise T.B. (3) Oxford T.B., (4) Kent T.B., (5) St.	Mrs. Leslie Mills 3 †Donald L. Mills Tenor Conducted by Donald L. Mills * First peal attempt. † 50th peal. Rung by the Bures St. Mary Society as a birthday compliment to
Clement's and Double Oxford, (6) Cambridge Surprise, (7) Plain Bob. Tenor 12 cwt. 2 qr. 12 lb. Ian Blackmur Treble Alan A. Paul 4	the ringer of the 3rd. THE SUSSEX COUNTY ASSOCIATION. RUSPER, Sussex.—At the Church of St. Mary Magdalene.
Daphne Webb 2 Charles E. Truman 5 William J. Chester 3 James Linnell Tenor Conducted by Charles E. Truman.	On Sat., Feb. 17, 1968, in 2 Hours and 48 Minutes, A PEAL OF 5088 YORKSHIRE SURPRISE MAJOR Tenor 14 cwt. in F
THE SAI ISBURY DIOCESAN GUILD. LYTCHETT MINSTER, Dorset—At the Parish Church.	George Francis Ireble Simon A. B. Wigg 5 Valeric Howard 2 Martin L. Howe 3 Herbert W. Woolven 4 Peter S. Muchlinski Tenor
On Sat., Feb. 17, 1968, in 2 Hours and 35 Minutes, A PEAL OF 5040 MINOR Being two extents of Cambridge Surprise and five of Plain Bob. *Robert C. A. Philpott Treble David W. Grimwood 4	Composed by N. J. Pitstow Conducted by Peter S. Muchlinski. THE WINCHESTER AND PORTSMOUTH DIOCESAN GUILD.
Ronald N. Marlow 2 Ross G W. Robertson 5 William T. Perrins 3 Timothy F. Collins Tenor Conducted by Timothy F Collins. * First peal of Minor. Tenor 11 cwt. in F sharp.	SOUTHAMPTON, Hampshire,—At the Church of St. Mary. On Sat., Feb. 17, 1968 in 3 Hours and 16 Minutes, A PEAL OF 5040 CAMBRIDGE SURPRISE ROYAL Tenor 21 cwt. 2 qr. 8 lb. in E flat.
* First peal of Minor. Tenor 11 cwt. in F sharp. THE SOUTHWELL DIOCESAN GUILD.	Michael J. Thomas Treble *Katherine Maundrell 2 †John S. Croft 3 Thomas H. Francis 4 Michael J. Thomas Treble Kenneth S. B. Croft 6 Derek C. Jackson 7 John Hartless 8 Malcolm M. Powell 9
PRESTWOLD, Leicestershire.—At the Church of St. Andrew. On Sat., Feb 17, 1968 in 2 Hours and 44 Minutes, A PEAL OF 5040 GRANDSIRE TRIPLES	*Colin J. Butler 5 David J. Forder Tenor Composed by Roger Baldwin. Conducted by Thomas H. Francis. * First peal of Surprise Royal First on ten bells and of Surprise.
J Penning's one-part. Tenor 10 cwt. 3 qr. 18 lb. in F sharp. Arthur Newell Treble H David Oliver 5 Kevin A Betesta 2 William Allsopp 3 David K Walklate 7	CATHERINGTON Hampshire.—At the Church of All Saints. On Mon., Feb. 19, 1968, in 2 Hours and 28 Minutes, A PEAL OF 5040 PLAIN BOB DOUBLES
Neil Handley 4 Trevor Kirkman Tenor Conducted by David K Walklate. Rung as a welcome to Richard Jeffrey Stretton, a son to Dorothy and Reg Stretton	*Alam A. J. Buswell Treble Raymond Haines 4 William Willans 2 Andrew Howard 5 Helen A. Haines 3 †John E. Brown Tenor Conducted by Andrew Howard. * Has now "circled the tower." † First peal. Tenor 8 cwt.
SUTTON ON-TRENT. Notts —At the Church of All Saints. On Fri. Feb 23. 1968. in 2 Hours and 52 Minutes, A PEAL OF 5040 STEDMAN TRIPLES	THE WORCESTERSHIRE AND DISTRICTS ASSOCIATION. GREAT HAMPTON. Worcestershire.—At the Church of St. Andrew. On Thurs., Feb. 15, 1968, in 2 Hours and 38 Minutes.
J W. Washbrook's variation of Thurstans' four-part. Grace Burchnall Treble Katherine Burchnall	A PEAL OF 5056 TURRAMURRA SURPRISE MAJOR Tenor 12 cwt. Hugh Evans Treble Peter Robertson 5
Colin W. Reed 4	Shirley M. Drew 3 †Arthur C. Berry 7 James Attwood, jun 4 Geoffrey R. Drew Tenor Composed by A. I. Pitman (C. W.C. No. 30.) Conducted by G. R. Drew.
LANGAR. Nottinghamshire.—At the Church of St. Andrew. On Tues Feb. 6, 1968. in 3 Hours, A PEAL OF 5040 DOUBLES	* 75th peal for the Association. † 125th peal for the Association, First in the method for all, at the tower and for the Association. CHADDESLEY CORBETT, Worcs.—At the Church of St. Cassian, On Sat., Feb. 17, 1968 in 2 Hours and 43 Minutes.
In 11 methods/variations, being three extents of St. Miles, five of Winchendon Place, four each of St. Luke, Ryton, Reverse Canterbury Pleasure, Southerpps C'ifford's Pleasure, Little Aston, two of All Saints Rushall, and six Plain Bob. Tenor 12 cwt 3 qr. 1 lb. in F.	On Sat., Feb. 17, 1968 in 2 Hours and 43 Minutes A PEAL OF 5056 LONDON SURPRISE MAJOR Tenor 16 cwt 23 lb, in F Morley P. Tobin Treble Roderick J Lees 5
Ruth Blackshaw Treble Christine L. J. Mills	Robert Edwards 2 Michael J. Fellows 6 Clifford Skidmore 3 Martin D. Fellows 7 Stephen W. Barton 4 Gerald C. Hemming Tenor
Conducted by R. Brian Mills. Rung in memoriam and as a last tribute to Walter Roworth (aged 73 years) and John Ward (aged 92 years), faithful church officers.	Composed by Roderick W Pipe. Conducted by Michael J. Fellows. Rung as a compliment to Roderick and Gillian Pipe on the birth of a son, David James.

THE YORKSHIRI	E ASSOCIATION.
ROTHERHAM, Yorkshire.—A	
	3 Hours and 32 Minutes,
A PEAL OF 5000 SPLIC	ED SURPRISE ROYAL
In eight methods, being 880 Rutlar	nd. 720 Cambridge, Yorkshire, 560
London, Pudsey, Albanian, 680	Lincolnshire and 320 Clifton
with 14 changes of method.	
David Nichols Treble	J. Henry Fielden 6
Iris M. E Lemare 2	Ian L. Dear 7
Susan Jackson 3	Neil Donovan 8
Richard J. Tibbetts 4	Stuart Armeson 9
Kathleen M Higgins 5	Richard F Price Teno

ORMESBY, Yorkshire.—At the Church of St. Cuthbert.
On Wed., Feb. 21, 1968, in 2 Hours and 52 Minutes,
A PEAL OF 5056 CAMBRIDGE SURPRISE MAJOR Johnson's variation.
Peter Wishart Treble Tenor 18 cwt. in E. Thomas M. Cox Enid Lawson 2
Ann Lawson 3
Margaret Lawson 4
Rung half-muffled in memoriam William Ellerington. Jack Roach 6 Thomas Cooke 7
Kenneth Lawson .. . Tenor

Composed and Conducted by Stuart Armeson.

HANDBELL PEALS

THE BIRMINGHAM UNIVERSITY SOCIETY.

EDGBASTON, Birmingham.—At the University Union,
On Fri., Feb. 16, 1968, in 1 Hour and 48 Minutes,
A PLAL OF 5040 PLAIN BOB MINOR
In 23 methods, including: College, Wavertree, Rodbourne, London,
Lytham, Westle ott, Briercliffe, Wanlip, Greengate; St. Clement's,
Chi dwall, Buxton, Double Oxford, Thelwall, Pinehurst. Rosehill,
Harlesyke, Birstall; Reverse Canterbury; Double, Fulbeck, Plain,
with 108 changes of method and a plain lead of each method included.

Tenor size 12 in G.

James R. White 1-2 | Rupert A. Clarke 3-4

James P Richards (cond.) ... 5-6

THE CHESTER DIOCESAN GUILD.

BEBINGTON. Cheshire.—At 14. Highcroft Avenue.
On Fri., Feb. 16, 1968, in 2 Hours and 40 Minutes,
A PEAL OF 5220 PLAIN BOB ROYAL

John A. Roberts 1-2 | *N. David Lane 5-6

Eric J. Gilbert 3-4 | Robert Peers 7-8

F Leslie Coventry . . . 9-10

Composed by Robert B Smith. Conducted by Eric J. Gilbert.

* First peal of Royal, First of Royal as conductor.

AUDLEM, Cheshire,—At Churchfields.
On Sun., Feb. 11, 1968, in 1 Hour and 40 Minutes.
A PEAL OF 5040 DOUBLES

In 14 methods/variations, being 360 each of Grandsire, Rev. St. Bartho.omew, Northrepps, Fortune, Rev. Canterbury, Wychbold, Southrepps, St. Columb, Clifford's Pleasure, Plain Bob, Dedworth, Kennington, April Day and Old.

*Geoffrey A. Edwards ... 1-2 | *John R. Scott ... 3-4

*Frank R. Morton (cond.) 5-6

* 100th peal together as a trio variations "in hand" by all First peal in 14 Doubles methods/

THE LANCASHIRE ASSOCIATION.

THE LANCASHIRE ASSOCIATION.

HAWKSHEAD, Lancashire—At Bettyfold.

On Fri., Feb. 16, 1968, in 1 Hour and 44 Minutes,

A PEAL OF 5040 MINOR

Being 13 methods in the following extents: (1) Hereward and Double Court, (2) Grandsire. (3) Nicholaston and Mardale, (4) Plain, (5) Evening Exercise, College Little, Single Court, Single Oxford, College Single and Windsor Single II, (6) Plain and Double, (7) Single Oxford.

Tenor size 10 in A.

Joseph Whalley 1–2 | Mary W. Whalley 3–4

Kevin M. Price (con.) ... 5–6

First neal in 13 methods by all.

First peal in 13 methods by all.

THE LEICESTER DIOCESAN GUILD.

LEICESTER.—At The Wayside, 150, Narborough Road South,
On Wed., Jan. 31, 1968, in 2 Hours and 7 Minutes,
PEAL OF 5088 YORKSHIRE SURPRISE MAJOR
Tenor size 15 in C.

Mrs. P. J. Staniforth . . . 1-2 | Alfred Ballard 5-6
Peter J. Staniforth . . . 3-4 | *Michael Vernon . . . 7-8
Composed by N J. Pitstow. Conducted by Peter J. Staniforth
* First peal of Surprise on handbells.

THE OXFORD DIOCESAN GUILD. SHEFFIELD, Yorkshire.—In Sick Room, 2, Earnshaw Hall.
On Sun., Feb. 11, 1968, in 2 Hours and 20 Minutes,
A PEAL OF 5152 PLAIN BOB MAJOR

*Colin G. Wright ... 1-2 | Christopher I. Rowson .. 5-6
Julia A. Fellows ... 3-4 | James R. White 7-8
Arranged by Christopher I. Rowson, Conducted by James R. White.

* First peal "in hand."

ADDINGTON, SURREY. - On Feb. 18th, 1,260 Plain Bob Minor: Louise Powell (first quarter) 1, N. Bennett 2, E G. H. Godfrey 3, R. Rayfield 4, Amanda Powell (cond.) 5, C. H. Macve 6, For Evensone.

BEDFORD.—At St. Paul's Church, on Feb. 18th, 1,260 Grandsire Triples: R. Piron (first on eight) 1, M. C C Melville 2, Miss C. Harris 3, M. J. Marriott 4, R. L. Piron 5, A. Gibbs 6, S. Ivin (cond.) 7, R. H. French 8. For Evensong.

BRISTOL.—At Christ Church, on Feb. 16th, 1,282 Yorkshire Surprise Royal: G. Hebden I. Elisabeth A. G. Bowden 2, M. G. Bartlett 3 J Sheppard 4. R. W. Rice 5, Brenda Boyce 6. W. S. Rice 7, P. J. England 8. E. T. Skipsev 9, R. C. Kippin (cond.) 10. First of Yorkshire Royal by all except 2 and 10. Rung as an engagement compliment to Sue Walker and Charlie Wilkinson.

CAPEL, SURREY.-On Feb 19th, 1,260 Plain Bob Minor: Diana Hayas 1, Hannah Penfold 2, T. Skilton 3. Felicity Hamilton 4, Barbara Sheldon 5, J. L. Hayna (cond.) 6. A farewell to Ronald Tullett prior to his departure to New Zealand on March 6th.

DISS, NORFOLK.—On Feb. 1st, 1,260 Plain Bob Minor: A. G. Harrison 1 J. Mowle 2, C. Catchpole 3, A. Cook 4, D Boast 5, H. B. Fuller (cond.) 6. Rung half-muffled on the back six in memoriam the Rt. Rev. P M. Herbert, D.D.. Bishop of Norwich (1942-1959) and patron of the Norwich Association; also Mrs. Ella Moss, wife of Mr. Harry Moss, former Ringing Master at Diss.

EASTCHURCH, SHEPPEY, KENT.—On Jan. 18th, 1,260 Plain 80b Minor: R. Abrahams I, F Searle 2, C. Roberts 3, P. D. J. Beal 4, P. Jackson 5, N. J. Chesson (cond.) 6. First of Minor 1, 2, 3. For

Chesson (cond.) 6. First of Minor 1. 2. 3. For Evensong, and with the band's best wishes to Joan A. Hayward and James M. Clarke on their engagement, EDGBASTON, BIRMINGHAM.—On Feb. 11th, 1.260 Plain Bob Triples: C. S. Nokes 1. R. M. Chembers (cond.) 2, Carol Johnson 3, H. J. Baker 4, J. S. Hopwood 5, R. K. Boultbee 6, D. R. Livsey 7, M. J. Alletson 8, By Birmingham University Society for Evensons

QUARTER PEALS

GREASLEY, NOTTS. - On Feb. 11th, 1,260 Plain Bob Mino:: Alison I. Walker 1. Helen M. Simpson 2, P. Mary Reach 3, Margaret A. Eyre 4, Barbara Hooks (first Minor "inside") 5, D. J. Beach (cond.) 6, G. G. Knighton (cover) 7. For Evensong.

HARBORNE, BIRMINGHAM.—On Feb. 18th, 1,280 Plain Bob Major: R. Aldington 1. Mrs. J. J. Barton (first "Inside") 2, P. M. Evana 3, J. A. Ainsworth 4, G. T. Horritt (first on eight) 5, E. Spence 6, C. A. Barron 7, S. W. Barton (cond.) 8.

INGRAVE, ESSEX.-On Feb. 11th, 1,260 Grandsire Doubles: O. Cullwick 1, Mrs. R. M. Cullwick 2, Jacqueline Cullwick 3, P. Bedford (cond.) 4, E. Potter 5. To mark the coming-of-age of Jacqueline Cullwick.

KINGSWOOD, SURREY. - On Jan. 14th, 1,260 Grandsire Doubles Christine Earp 1. Barbara Min-nion (first 'inside'') 2, B. Hawkins 3, E. W. Taylor 4, A. G. Clark (cond.) 5, M. Earp (first quarter) 6. For Evensong.

LITTON CHENEY, DORSET.—On Feb. 2nd, 1,260 Plain Bob Iriples: Miss D. E. Marshall 1, R. H. J. Mears 2, R. A. Bryant 3, C. W. Tidwell 4, T. F. Collins (cond.) 5, P. R. Board 6, E. H. Amey 7, R. I Mears 8

LONDON.-At St. James' Church, Clerkenwell, on Feb. 4th. 1,260 Stedman Triples; G. W. Shanks I. R. Collis 2, R. W. Powell 3, R. L. Jones 4, L. C. Way 5 C. M. Meyer 6, M. R. Wycherley (cond.) 7, D. Truman 8, For Matins.

PORTSMOUTH, HANTS.—At the Cathedral, on Feb. 11th, 1,296 Plain Bob Caten: A. Hicks 1, Jennifer Qualfe 2, Helen Haines 3, T. R. Taylor 4, W. Willans 5, A. Howard 6, G. Gammon 7, R. Haines 8, A. A. J. Buswell (comp. and cond.) 9, A. Haintes 8, A. A. J. Buswell (comp. and cond.) 9, A. E. Hoodless 10, First on ten bells 1, 2, 5 First of Plain Bob Caters 3, 9. For Evensong and as a 20th birthday compliment to Tower Taylor's grand-daughter and a 65th birthday compliment to Arthur

STOKE BISHOP, BRISTOL,-On Feb. 11th 1,260 Plain Bob Minor: Mary Crofts 1, Rosemary Snawdon 2 Rosemary Myers 3, Jennifer Murphy 4, D. Bentley 5, P. Gray (cond.) 6. For Evensong.

STRATTON, CORNWALL.—On Feb. 13th, 1,260 Grandsire Iriples: J. W. Sangwin 1. Mrs. M. M. Godles 2, R. G. Pearce 3, F. Sangwin 4, H. Trewin 5, H. Stacey (cond.) 6, B. G. D. Vince 7, G. Halford &

STREET SOM.—On Feb 9th, 1,280 Superlative Surprise Major: P J. England 1, M. G Bartlett 2, R. W. Rice 3 W S. Rice 4, Brenda Boyce (first in method) 5, J. Sheppard (first in method) 6, E. T. Skipsey 7, G. Salmon (cond.) 8.
SWANMORE, HANTS. — On Jan.

4th.

SWANMORE, HANTS.—On Jan. 4th, 1,260 Doubles (five methods/variations): S. Richards (first quarter pea') 1, R. Green 2, Betty J. Daysh 3, P. Page 4, E. W. Colley (cond.) 5, J. Pitfleld 6
TWYNING, GLOS.—On Feb. 14th, 1,320 Doubles (29 meth./var.): Wendy V. Cox 1, Rosemary F. Collins 2, R. K. Williams (cond.) 3, P. G. Hickey 4, J. Ward 5, L. C. Meadows 6, Most meth./var. to a quarter by all the band, and on the bells. A birthday compliment to Mrs. Joy Collins.

WANTAGE, BERKS.—On Dec. 3rd, 1,260 Minor

(St. Clement's and Plain Bob): A. E. Fullbrook 1, H. V. Booker 2, Anne Carpenter 3, K. Leach 4, H. White (cond.) 5, J. C. Baldwin 6, For Evensong, Also on Dec. 24th, 1,440 Double Court Bob Minor: H. White 1, Anne Carpenter 2, 1, P. Stoter 3, K. Leach 4, A. R. Wood 5, J. R. White (cond.) 6. For first Evensong of the Nativity. Also on Feb. 11th, 1,296 Cambridge Surprise Minor: A. E. Fullbrook 1, Anne Carpenter 2. P. G. Davies 3, H. White 4, A. R. Wood 5, J. C. Baldwin (cond.) 6. For Evensong. First in the method on the bells by the Sunday service band.

WARMLEY, GLOS. - On Feb. 14th, 1.440 Kent Treble Bob Minor: D. M. Smith 1. Gloria M. Wilshire 2, K. G. Weeks 3, H. Taysom 4, W. Lampard 5 A. W. Gibbs (cond.) 6. In memory of James W. Sprules ringer at Abson for many years, and who was a great help to the Warmley band over the past 12 years, who died suddenly on Feb. 11th,

HALF PEALS

BLACKHILL, CO. DURHAM. — On Feb. 17th, 2,712 Kent T.B. and Plain Bob Minor: C. T. Lamb 1, Ann H. Whaley 2 W. Tyson (first half peal as cond.) 3, I. Wintrip 4, A. C. Walker 5, D. Martin 6.

SMARDEN, KENT. - On Jan 1st, 2,520 Minor (2,160 Cambridge S.M., 360 Plain Bob): Diana H. M. Bradford 1, P. F. T. Smith 2, R. N. Bagshaw 3, Rev. P. T. Robbins 4, P. M. J. Bradford 5, P. J. Bagshaw

ALLESLEY, WARKS .- On Feb. 4th, 1,280 Rutland Surprise Major: C. S. Aylett 1, Lesley Grove 2, J. W. T. Taylor 3, P. Stone 4, F. W. Perrens 5, R. Winter 6, I. D. Thompson (cond.) 7, L. M. Callow 8, For

ALTON, HANTS.—On Fcb. 18th, 1,260 Grandsire Triples: A. Kersey 1, E. Hedger 2, Miss A. Biddle-combe 3, M. Lockyer 4, G. Noakes 5, L. Noakes 6, R. Corke (cond.) 7. A. Bone 8. For Evensong.

ASHTEAD, SURREY .- On Feb. 17th, 1,392 Grandsire Major Elizabeth Gibbs 1, T. B. Porter 2, S. Mortimore 3, K. B. Burgess 4, Fellcity Hamilton 5, J. A. Laver 6; P. J. Munday 7, T. Skilton (cond.) 8. First of Major in method by all. Also on Feb. 18th, 1.260 Grandsire Triples: J. V. A. Stedman 1, Geraldine Piper 2, Gillian Laver 3, Elizabeth Gibbs 4, Diana Hayns 5. Felicity Hamilton 6, T. Skilton (cond.) 7, D. Ba nes 8. First in method "inside" 3, 4. For Evensone.

ASTON, HERTS .- On Feb. 17th, 1,320 Plain Bob Doubles, Christine A. Eliason (first quarter) I, Jane M. Drew (first "inside") 2, M. R. Worthington (first Doubles as cond.) 3, P. C. Worthington 4, A. A. F. Peters 5, R. T. Falder 6, The conductor has now "circled "the tower" to quarters.

BEESTON, NOTTS .- On Feb. 18th, 1,287 Grandsire Triples: Rosamund M. Rawlings 1, Caroline Stewart 2, E. D. Thomas (first Grandsire Triples) 3, S. J. Curtis 4, J. M. Rice 5, I. V. J. Smith 6, D. R. McLean (first Triples as cond.) 7, P. N. Mackley 8, For Evensong by members of N.U.S.C.R. First of Triples on bells since relianging.

BEVERLEY, VORKS.—At St. Mary's Church, on Jan. 31st., 1,260 Plain Bob Triples: Christine Rose (first of Tr ples) 1. J. Brookes 2, I. Booth 3, A. Taylor 4, J. Birdsall 5, R. Bradley 6, J. Chaddock (cond.) 7, M. Watson (first quarter) 8. First in metho 5, 6 A birthday compliment to Mr. A. Taylor. First in method 4,

BLACKMOOR, HANTS, — On Feb. 17th, 1,260 Plain Bob Minor: K. Sansom 1, Sally Stacey (first of Minor) 2, Carol Stacey (first of Minor) 3, R. Tipper Tipper 5, D. Hatherly (first of Minor and

BODICOTE, OXON.-On Feb. 4th, 1,260 Plain Bob Doubles: Belinda Crawford (first quarter) 1, A. Brown 2, P. J. Davis 3, B. J. Davis (cond.) 4, R. Thorne 2. P. J. Davis 3, B. J. Davis (cond.) 4, R. First in method 2, 5. Rung for Holy Communion; celebrant, the Bishop of Oxford,

BREDENBURY, HEREFORDS. - On Feb. 19th, 1,260 Grandsire Doubles: Margaret Jones (first quarter, aged 13) 1. P. L. Tomkins 2, J. H. Thomas (cond.) 3, Bedford 4, R. Bethell 5, G. Corbett 6.

BROOMFIELD, ESSEX.—On Feb. 18th, 1,260 Plain Bob Minor A Boyle 1, Helen E. Gilbert 2, Maureen P. Colley (first quarter) 3, Rosemarie A, Frith 4, M. Inskipp 5, I. R. Panton (cond.) 6. For Parish

CANTERBURY, KENT.-At St. Dunstan's Church, on Feb. 14th, 1,440 Plain Bob Minor: I. Chatfield (first quarter) 1, Mrs G. Stockbridge 2, Miss F. Templeman 3, J. Stockbridge 4, L. Huckstep 5, D. Chatfield .cond.) 6. Rung half-muffled in memory of Elizabeth Cox (aged 13), a member of the choir, who was cremated this day. Also on Feb. 19th, 1,440 Plain Bob Minor: P. Richards (first quarter) 1, Miss F. Templeman 2, Mrs. G. Stockbridge 3, J. Stockbridge 4. L. Huckstep 5, D. Chatfield (cond.) 6. Rung half-muffled in memory of Herbert L. Taylor, lay reader at St. Dunstan's for many years, who was buried this day

CHALGROVE, OXON .- On Feb. 4th, 1.260 Plain Bob Doubles: V. Fox 1, C. Woodward 2, L. Cooper (first "inside") 3, B. Gray 4, C. Holloway (cond.) 5, J. Godman 6.

CHURCH EATON, STAFFS .- On Feb. 10th, 1,260 Grandsire Doubles H. E. Green 1, A. G. Richards (cond.) 2. J. R. Derry 3, R. L. Hawksworth 4, D. R. Hawksworth 5, S. Illidge 6. Rung immediately after the wedding, as a compliment to Joan Margaret Lewis and Ronald Paul George.

CLAYBROOKE, LEICS,-On Jan. 27th, 1,280 Lincolnshire Surprise Major: J. Bramley 1, Dorothy Mason 2, Monica M. Jelley 3, W. E. Rawson 4, P. A. Mason 5, M. Green 6, S. J. Haines 7, R. K. Mason (cond.) 8.

OUARTER PEALS

CODSALL, STAFFS.—On Jan. 17th, 1.260 Grand-sire Triples: S. W. Illidge 1, Gillian Bosworth-Smith 2, A. D Collins (cond.) 3 R. S. Lyons 4, P. R. Johnson 5, A. G. Richards 6, J. D. R. Smith 7, H. E. First on eight by the Sunday service band, Rung half-muffled in memoriam Col. A. late churchwarden. Also on Jan. 28th, 1,260 Grandsire Triples: S. W. Illidge 1, P. R. Johnson 2, Gillian Bosworth-Smith 3, R. S. Lyons 4, A. D. Collins (cond.) 5. A. G. Richards 6, J. D. R. Smith 7, H. E. Green 8. For Evensong.

CORSLEY, WILTS.—On Feb. 15th, 1,260 Grand-sire Doubles: P. Baker 1, T. B. Holloway 2, J. Scull 3, A. Ingram 4, D. Jones (cond.) 5, W. Jones 6, First quarter 1 3

FARNWORTH - with - KEARSLEY, Feb. 11th, 1,280 4-Spliced Surprise Major (Cambridge, Lincolnshire. Yorkshire, Rulland): J. Thornley 1, J. Cunliffe 2, A. Greenhaigh 3, B. Moss 4, J. E. Andrews 5, R. Starkie 6, G. Fothergill (cond.) 7, J. Ashcroft 8. Rung to mark the birth of a grandson of the tenor ringer.

FLOOKBURGH, LANCS, -- On Feb. 20th. 1,260 Plain Bob Minor ("in hand"): J. Whalley 1-2, K. M. Price (cond.) 3-4, T. F. Metcalfe (longest length "in nand") 5-6.

HASLINGFIELD, CAMBS.—On Feb. 18th. 1.320 Doubles (Plain Bob and St. Martin's): G. Barnard 1, R. Mann 2, W. J. Ridgman 3, B. Horrell (cond.) 4, A. E. Ling 5. Half-muffled in memoriam Mr. A. G. Miles, churchwarden.

HAWKLEY, HANTS.—On Feb. 17th, 1,280 Plain Bob Major: Saily Stacey (first Major) 1, Carol Stacey (first Major) 2, D. Hughes 3, R. Tipper (first Major "inside") 4, K. Tipper 5, D. Hatherly (first Major) 6, B. Walton 7, K. Sansom (first Major as cond.) 8.

HAWKSHEAD, LANCS. - On Feb. 17th, 1,264 Double Norwich Court Bob Major: L. D. Clement 1, A. Capstick 2, J. E. Burles 3, J. Bagnall 4, J Black burn 5, S. Anderton 6, K. Price 7, T. F. Metcalfe (cond.) 8. Rung in memoriam Mary Florentia Synge, M.A. churchwoman and benefactor, 1873-1968.

HAWLEY, HANTS. — On Feb 18th, 1,440 Kent Treble Bob Minor: D. Jennings 1, Margaret Berndt Valerie Bone 3, Elizabeth K. Leach 4, A. D. Leach 5, K. Williamson (cond.) 6, First in method 2, 3, 4. For Evensong

HEMINGFORD ABBOTS, HUNTS, On Dec. 31st. 1,260 Minor (Cambridge and Plain Bob): H. S. Peacock 1, J. R. G. Spicer 2, R. Garrett 1 F. R. Nicholls 4, C. L. Bell 5, P. E. Wells (cond.) 6. Also on Jan 7th. 1,260 Plain Bob Minor: J. R. G. Spicer B. Whatley 2, R. Garrett 3, F R. Nicholls 4, C. Bell 5, P. E. Wells (cond.) 6. Also on Feb. 4th, L. Bell 3, F. E. Wells (cond.) 6. Asso on Feb. std., 1,320 Miror (Primrose and Cambridge): J. R. G. Spicer 1, T. R. Garrett 2, P. E. Wells 3, F. R. Nicholls 4, C. L. Bell 5, H. S. Peacock (cond.) 6. For morning service. Also on Feb 18th, 1,320 Cambridge Surprise Minor: T. R. Garrett 1, C. L. Bell 2, J. L. Thorogood (first of Surprise) 3, F. R. Nicholls 4, P. E. Wells 5, H. S. Peacock (cond.) 6. For morning service.

HEMINGBROUGH, YORKS .- On Feb. 7th, 1,260 Plain Bob Minor. R. Ducker 1, Maris Stephenson 2, Watson (first quarter) 3, G. F. Terry 4, J. J. Taylor 5, I. G. Campbell (cond.) 6.

HERSHAM, SURREY.—On Feb. 18th, 1,260 Spliced Oxford Bob and Grandsire Triples: Miss S. Mann (first quarter) 1, Miss D. Colcombe 2 Mrs. Mrs. G. Webb 4, H. Colcombe 5, J. Bailey 6, C.

Webb (cond.) 7, J. King 8. For evening service, HOLME PIERREPONT, NOTTS.—On Feb. 18th, 1.320 Minor (Plain Bob and Reverse Canterbury): Joyce M. Marsh 1, R. D. Marsh (cond.) 2, W. G. Marsh 3, Denise Loach and R. Blackshaw 4, M. W.

Harrison 5. For Evensong. HORNCHURCH, ESSEX. — On Jan. 28th. 1,260 Grandaire Triples: P. Cecil (first of Triples) 1, C. Pain 2, Miss J. Peacock 3, F. Gant 4, M. Lakin 5, G. Cecil 6, 1. Stephenson (cond.) 7, F. Scoones 8, For Matina

HUTTON, ESSEX.—On Feb. 18th, 1,260 Doubles (three methods): P. J. Tyler-Maggs 1, C. E. Hill 2, J. J Wallett 3 W T. Hill 4, R. G. Jones (cond.) 5. For Evensong and a farewell to Walter and Mrs. Wright

LANGLEY MARISH, BUCKS .- On Feb. 4th, 1,260 Plain Bob Doubles: J. C. Allgrove 1, Rosamund M. Brown 2, S. R. Hare 3, D. C. Brown (cond.) 4, W. R. Hare 5 F. E. Adams 6. Also on handbells, 1,260 Pl. Bob Minimus: Rossmund M. Brown 1-2, D. C. Brown 3-4.

LANE END, BUCKS.—On Feb. 11th, 1,260 Plain Bob Minor: S. J. Smith 1, T. Wright (first "inside") 2, W. Avery 3, C. Meakes 4, R. Hazell 5, C. Hagger (first as cond.) 6. For Evensong.

LEICESTER.-At the Church of St. Margaret, on Feb 2nd, 1,282 Yorkshire Surprise Royal: Monica M. Jelley 1, A. Elliot 2, M. E. Wade 3, J. M. Jelley (cond.) 4, M. Green 5, G. H. Bray 6, W. E. Rawson 7. J. Bramley 8, P. A Mason 9, R. K Mason 10.

LOUGHTON, ESSEX.-On Feb. 18th, 1,260 Grandsire Triples: F. W. Tomlin I, Elisabeth Ottaway 2, Christine Neville 3, Jane Darby 4, Glynis Perry 5, C. A, Ottaway 6 D. Riley (cond.) 7, E. J. Retter (first quarter) 8. A birthday compliment to Miss C.

MILTON REGIS, KENT. - On Feb. 10th, 1,260 Plain Bob Minor: Miss P. Tomsett 1, L. Mitchell 2, J Clarke 3, F. Dadson 4, R. Bushell (first Minor as cond.) 5, G. Wood 6,

NAILSEA. SOM. - On Feb. 20th, 1,260 Doubles (three methods): H. Hardwidge 1, Mrs. R. Short 2, L. Derrick 3. J. Everard 4, C. Kortwright (cond.) 5, L. Childs 6, Rung as a compliment to Mrs. F. Baker, grandmother of ringer of 2nd, on her 76th birthday.

NETHERTON, WORCS .-- On Feb. 19th, 1,280 Kent Treble Bob Major: A. J Fletcher 1, S. G. Pick 2, Miss B. M. Pickering 3. J. Wellings (first of Kent Major) 4, C. J. Bennett 5, S. T. Yates 6, P. R. Johnson 7, R. B. Dorrington (cond.) 8.

OLD BRAMPTON, DERBYS.-On Feb. 3rd, 1,260 Grandsire and Plain Bob Doubles: G. A. Newman 1, Marjorie Yarnold 2, L. Gascolgne 3, M. P. Phippa (cond.) 4, J. D. Arkwell 5, P. Attwood 6 Rung as a compliment to Mr. Percy Attwood, the oldest member of the band, in bonour of his 70th birthday (Feb.

PETERSFIELD, HANTS.—On Feb. 18th, 1,260 Grandsire Triples: K. Tipper 1, Mrs. A. Hall (first of Triples) 2, R. Tipper 3, D. Hatherly 4, K. Sansom 5, A. Beisworth 6, B. Walton (cond.) 7, D. Cross 8.

REDMARLEY D'ABITOT, GLOS.-On Feb. 17th, 1.260 Plain Bob Minor: Patricia Stocken 1. Geraldine Mitchell (first of Plain Bob Minor) 2, L. Smith 3, J. Arnall 4 E D. Wilson 5, K. Tyler (cond.) 6. Birth-day compliments to the Rev. F. F. Rigby and Patricia

ROSS-ON-WYE, HEREFORDS. - On Feb 18th, 1.20 Grandsire Triples: Monica Greenway 1, R. Poston 2, Ann Butcher 3, K. Tyler 4, F. Oakley 5 L. C. Meadows 6, J. J. Webb (cond.) 7, R. A. Brewer 8.

For Evensong. SIDBURY. DEVON. — On Feb. 17th, 1.344 Major: A Clarke 1, K. T Clarke 2, Mrs. R. Wood-ley 3, Miss J. Hayward 4, B. F. Coles 5, G. E. Retter 6, J. M. Clarke 7, R. C. Woodley (cond.) 8.

First of Major 1. 3, 7. For the engagement of Misa J. Hayward and Mr. J. M. Clarke. SOUTHPORT, LANCS.—At the Church of Emmanuel, on Feb 11th, 1,260 Stedman Triples: Jackie Holmes 1. Marion J. Glover 2, J. Elliott 3, A. Wilson 4. M. E. Snape 5, K. Wilson 6. R. Kenrick (cond.) J. Giover 8.

STEEP, HANTS.—On Feb. 19th, 1,200
StateP, HANTS.—On Feb. 19th, 1,200 HANTS .- On Feb. 19th, 1,260 Grandsire Doubles: (13) 2 R Tipper (15) 3, Carol Stacey (14) 4, D. Hatherly (15, cond.) 5, Sally Palmer (14) 6. First by a Land from Peter-field Secondary Modern School. First by STEYNING, SUSSEX.-On Feb. 18th. 1,260 Grand-

sire Double. A. Mimmack 1, S. Harris 2, E. Gar-

sire Double. A. Mimmack 1, S. Harris 2, E. Gar-man 3, C. Hitchman 4, M. Halgh (first as cond.) 5, A. Lee 7, First quarter 1 2, 4, 6, First Doubles 3, 5, STORRINGTON, SUSSEX.—On Feb. 8th, 1,320 Plain Bob Doubles M Taylor 1, Joan Horton 2, B. W. Farhall 3, M. Davies (cond.) 4, A. J. Taylor 5, D. Nicholson 6, Rung in memorlam Mrs. R. Horton. STRATTON ST. MARGARET, WILTS.—On Feb. 12th, 1,260 Plain Bob Doubles; A. R. Peake (cond.) 1, I. S. Campbell (first "inside") 2, H. Ball 3, R. Fry 4, S. J. Withey 5, Anita D. O'Brien 6. Also on Feb.

19th, 1,260 Plain Bob Triples: Collecn M. Holland Girst quarter) 1, R. Fry 2 S. J. Withey 3, Anita D. O'Brien (first of Triples) 4, D. J. Vowles (first of Triples) 5, H. Ball 6, A. R. Peake (cond.) 7, I. S. Campbell (first on eight bells) 8. SYMONDSBURY, DORSET.-On Feb. 16th, 1.260

Reverse Canterbury Pleasure and Plain Bob Doubles: R. H. J. Mears 1, P. R. Board 2, R. A. Bryam 3, C. W. Tidwell 4, T. F. Collins (cond.) 5, E. H.

WICKEN, NORTHANTS. - On Feb. 18th, 1,280 Kent T.B. Major: F. C Case 1, A. Haseldine 2, W. I. Chester 3, R. Haseldine 4, T. E. Roberts 5, G. E. Green (cond.) 6, J. G. Shailard 7, C. E. Truman 8, For Evensons.

NOTICES

NEW SCALE OF CHARGES
Minimum charge 5s. for 30 words, afterwards additional charge 2d. per word. For meetings only, each additional insertion half-

Display in box 7s. 6d. per inch (7 lines) single column for each insertion. Per page, ordinary £10, cover £20, half-page £5 10s., half-page cover £10. Reduction for series on

BIRTHS

COBB.—To Lewis and Elizabeth, of 1, Avonvale Cottages, Kingston, Ringwood, Hants, the gift of a son, Bernard Lewis, on Thursday, February 22nd, 1968.

AVIES.—On February 20th, 1968, at the Kent and Canterbury Hospital, to Brenda (nee Foster) and Nicholas Davies, a son (Martin Stylemen).

Styleman).

GiBSON.—Pearl and Stewart are happy to announce the gift of a son, Hugh Christopher James, a brother for Heidi and Beatrice, on Saturday, February 24th, 1968.

16, Penshurst Road, Maidenhead.

DEATH

STONE.—Jonathan, infant son of Valerie and Michael, of Bridgwater, on Sunday, February 25th, 1968, at Musgrove Park Hospital, Taunton, aged 16 weeks. 3494

RETURN THANKS
GURMIN.—The family of the late Mrs. E.
M. Gurmin wish to thank the Almeley ringers for the memorial quarter peal rung on January

for the memorial quarter peal rung on January 10th, 1968. 3480
WARNER. — On behalf of my brother's widow and her daughters, Gladys and Virginia, and myself, I would like to thank the ringers who kindly gave up an evening to go to Cranleigh and ring an excellent quarter peal to my brother's memory; also to Mrs. Beeson, who had everything ready, including pulling up the bells The very high standard of ringing gave great pleasure to all who heard it—Ernest R. Warner. 3474

PERSONAL

"Render therefore to all their dues: tribute to whom tribute is due; custom to whom custom; fear to whom fear; honour to whom honour."—Romans xiii, 7.

HANDBELL S WANTED
HANDBELL OCTAVE required; preferably
small.—Hine, 51, Abbotsham Road, Bideford.

PUBLICATIONS
SUPPLEMENT of "Blue Line F.C.H" and/
or supplement of "Spliced Triples," i.e. the
plain courses of 11 methods. Please state
which required and enclose foolscap s.a.e.—
Free from Segar, 16, Green Lane. Skegness.
3404

"THE CHURCH BELLS OF HEREFORD-SHIRE," Vol. I, 128 pages with 26 plates and 107 scale drawings of founders' marks, bound red cloth, price 16s., plus packing and postage 1s. 6d. To be obtained from the author, Mr. Frederick Sharpe, Derwen, Launton, Bicester, Oxon. Also "The Church Bells of Cardiganshire," price 21s., plus packing and postage 1s. 10d.; and also "The Church Bells of Guernsey, Alderney and Sark," price 8s. 6d., plus postage 1s.

"«INGING TOWERS."—Because of devaluation and increased postal charges the annual subscription to "Ringing Towers," the Australian and New Zealand quarterly, is increased from 5s. to 6s. to subscribers in the U.K. Subscriptions should be sent to Tom Lock, 57, Holloways Lane, North Mymms, Hatfield, Herts.

MISCELLANEOUS
BURY ST. EDMUNDS.—Norman Tower.—
Practices will be held on 2nd and 4th Tuesdays
each month commencing March 12th. All
ringers welcome. Please support this effort to
start an eight-bell practice. 3473

LANCASHIRE ASSOCIATION OF CHANGE RINGERS

Would conductors please note that as from the appearance of this notice no peal will be accepted by the above Association unless a full peal report, to-gether with the appropriate booking fee, is sent to the Ringing Secretary, Mr. J. P. Partington, 56, Clay Lane, Rochdale, Lancs. This should be done within three weeks of the peal being rung. NO PEAL DETAILS WILL BE TAKEN FROM "THE RINGING WORLD."

EAST GRINSTEAD AND DISTRICT GUILD

Annual General Meeting at., March 9th, at Edenbridge, Kent. Bells 3 p.m. Service 4.30 p.m. Tea 5.15 p.m., followed by A.G.M. and evening ringing until 8.30 p.m.

Towers open for ringing:

Names for tea to Mr. E. C. Leigh, Homesdale, Station Road, Edenbridge, Kent by Friday, March 8th, please.

GUILDFORD GUILD.—Leatherhead District.—Surprise practice at Ashtead on Tuesday, March 19th, at 7.30 p.m. Methods: Cambridge, Superlative, Lincolnshire, London. — J. P O. 3452

J. P O. 3452

OXFORD UNIVERSITY GUILD. — The
annual general committee meeting will be held
a: Radley C.E. Primary School on Saturday,
March 16th, at 2,30 p.m. Please send names
for tea to Miss D. J. Pollard, 49, Foxborough
Road, Radley, Abingdon, Berks, by Tuesday.
March 12th —Marie R Cross, Hon Gen Sec
ST. NICHOLAS CHURCH, ABBOTSBURY

Owing to extensive tower renairs, estimated

ST. NICHOLAS CHURCH, ABBOISBURY.
—Owing to extensive tower repairs, estimated at £3,000, the bells will not be available until further notice. All donations will be thankfully received.—H. J. Ford. 3490
ST. PETER'S, NOTTINGHAM. — Twelvebell practice, Wednesday, March 13th, 7.30 p.m. All welcome.

CHANGE OF PRACTICE NIGHT St. Peter's, Henfield

From March 6th, the practice nights at St. Peter's will be the first, third and fifth Wednesdays of the month, and Thursdays for the two remaining weeks. Sunday ringing—every Sunday 9.30 a.m. to 10 a.m. and the first Sunday in the month for Evensong, 6 to 6.30 p.m., 1402

MEETINGS

BARNSLEY AND DISTRICT SOCIETY.-Monthly meeting at Royston, Saturday, March 9th. Ringing 3.45. Tea and business meeting at 5.15. Cups of tea; bring own food. Ring-

at 5.15. Cups of tea; bring own food. Ringing after business meeting. All welcome.

DERBY DIOCESAN ASSOCIATION.—

Chesterfield District.—Monthly ringing meeting at Old Whittington on Saturday, March 9th.

Bells (6) 3 p.m Tea 5 p.m. Names for tea without fail, please, to Mr. G. J. Newman, 54, Brearley Avenue, New Whittington, Chestorfield. Tel. Chest. 5416.—Malcolm Phipps, Sec.

3431

ELY DIOCESAN ASSOCIATION. — Cambridge District.—Meeting at Barton and Haslingfield. Saturday, March 9th. Bells, Barton (5) 3 p.m. Service, Barton, 4.30 p.m. Tea, Haslingfield Vicarage, 5 p.m., followed by business meeting. Ringing Haslingfield (5) 6 p.m.—B. Pratt, Dis. Sec. 3419

ESSEX ASSOCIATION — S.W District. — Evening meeting at Langdon Hills. Saturday March 9th Bells (6) from 6 p.m. Visitors welcome.—G. Eve. Hon. Sec. 3309

GUILDFORD DIOCESAN GUILD.—Annual general meeting at Guildford on March 9th. Cathedral bells available at 3 p.m. and after the meeting Service, conducted by the Rt. Rev G. W. Clarkson, Dean of Guildford, in the Lady Chapel at 4.30 p.m., followed by tea and meeting in the Cathedral Refectory Notificat ons for tea to Mrs C W Munday. 37, Bradford Drive, Ewell, Epsom. Tel. 01-393 4986.

HERIFORD COUNTY ASSOCIATION.— Eastern and Bishop's Stortford Districts.— Joint meeting, St. Mary's (8), Ware, Saturday, March 9th. Ringing 3.15 p.m. Tea 4.30. Evening ringing 5.30 to 8 p.m. Service 6.30 p.m. Names for tea to Mr. Peter M. F. Searles, 55, North Road, Hertford.—P. M. F. S., July Sec. 3453

HERIFORD COUNTY ASSOCIATION.—
Western District. — Northchurch (8), March
9th. Bells 3 p.m. Service 4.30 p.m. Names
for tea to Mr. R. Ashby, 110, High Street,
Northchurch 2225 Northchurch.

KENT COUNTY ASSOCIATION.—Maid-stone District.—Quarterly meeting at Linton (8) on Saturday, March 9th. Bells 3 p.m. Service 4.30. Names for tea, please, to Mr. P M. Town, Zephyr. Heath Road, Linton. 3363

Town, Zephyr. Heath Road, Linton.

KENT COUNTY ASSOCIATION.—Canterbury District.—Meeting at Elham (8), Saturday, March 9th. Bells 3 p.m. Service 4.30.
Tea 5 p.m. Names for tea, please, to Mr.
F. Verney, High Street, Elham, Canterbury.

3465

LONDON COUNTY ASSOCIATION.—
St. Stephens, Rosslyn Hill, Hampstead. N.W.3,
Saturday, March 9th, 3-4 p.m. Tea in Parish
Hall 4.15 p.m. St. Martin's, Allcroft Road,
Gospel Oak, N.W.5, 5,30-7. St. Mary Magdalen's. Holloway Road, N.7, 7-8. No business.
—Miss V. E. Dupré, Hon. Sec. 3434

OXFORD DIOCESAN GUILD. - Reading

OXFORD DIOCESAN GUILD. — Reading Branch. — Monthly practice at Streatley on March 9th. Bells available 7–9 p.m. 3468 ST. DAVID'S DIOCESAN GUILD.—Quarterly meeting at Pembroke, Saturday, March 9th. Bells (8) from 2.30 p.m. Names for tea to P. C. Rogers, 31, Woodbine Terrace, Pembroke.—R. Warburton, Hon. Sec. 3462 SOUTHWELL DIOCESAN GUILD.—Bingham District.—Meeting, Woodborough (4), on March 9th, afternoon. Bells 3. Service 4.30. Tea 5 Lowdham (5) evening. Names for tea to W. L. Exton, St. Ouen's, Whatton. 3456 SUFFOLK GUILD.—South East District.—Quarterly meeting, Woodbridge (8). Saturday, March 9th Ringing 3 p.m. Service 4.30. Tea 5 p.m., followed by business meeting, after which will be the Suffolk Guild Committee meeting at 7 p.m. Ringing in evening until 9 p.m. All wishing for tea please book with Mr. A. Stanley Woodard. The Flat, 42, Thorofare. Woodbridge, Suffolk. — Mrs. W. Lockwood, Dis. Sec. 3392

SUSSEX COUNTY ASSOCIATION.—
Western Division.—Practice meeting at Findon,
Saturday, March 9th. Bells (6) 3 o'clock.
Service 4.30. Tea 5.15 at the Tea House,
Findon Ringing in the evening. Please
notify for tea R. Wake, 28, Keynor Estate,
Sidlesham, Chichester. 3447

WORCESTERSHIRE AND DISTRICTS WORCESTERSHIRE AND DISTRICTS
ASSOCIATION.—Southern Branch.—Quarterly meeting. Stoul'on, Saturday. March 9th,
3 p.m. Service 4.30 p.m. followed by tea and
bus'ness. Names for tea to Mr. A W Porter,
12, Claverton, Stoulton. Pershore Abbey bells
6.45 p.m.—8.30 p.m.

BATH AND WELLS ASSOCIATION.—Chew Branch.—Quarterly meeting at Portbury (6), Saturday, March 16th. Bells available 3 p.m. Service 4 30, followed by tea and business. Easton-in-Gordano bells available during evening.—D. G. Yeo, Hon. Branch Sec. 3305 BATH AND WELLS ASSOCIATION.—Glaston Branch.—Practice meeting, West Pennard (6), Saturday, March 16th, 6,30 p.m.—P. Hull, Dinder.

COVENTRY DIOCESAN GUILD.—Archdeacon: y of Coventry. — Next meeting at Kemiworth on Saturday, March 16th. Bells 3 p.m. Service 4.30. Tea 5 p.m. Names for tea to Mr. J. Royal, 33, Waverley Road, Kenilworth, by March 13th, please.—H. M. W. 3484 DERBY DIOCESAN ASSOCIATION.—

DERBY DIOCESAN ASSOCIATION. —
Peak District.—Meeting at Ashover, Saturday,
March 16th, 3 p.m. Names for tea to Mr. L.
F Miller, Carlton House, Moor Road,
Ashover.—Mrs. G. Richardson, Dis. Sec. 3489
ELY DIOCESAN ASSOCIATION. — Huntinguon District — Meeting at Yaxkey, Saturday, March 16th. Bells (b) 3 p.m. Service
4.30. Tea 5 p.m. Special methods: Little
Bob and Oxford Trebie Bob Minor.—Michael
J. Dyer, Dis. Sec. 3478

J. Dyer, Dis. Sec. 3478
GLOUCESTER & BRISTOL DIOCESAN
ASSOCIATION.—Cirencester Branch.—Quarterly meeting at Lechiade (6) on March 16th.
Bells 5 to 8.50 p.m. Fea 4.50. Service 6 p.m.,
Names to Mr. R. Haydon, 8, Burtord Street,
Lechiade, by March 14th.—J. Pearse, Dis. Sec.
GLOUCESTER AND BRISTOL ASSOCIATION.—Stroud Branch.—Standish (6), Saturday, March 16th. Bells 3 p.m. Service 4.30
p.m. Tea 5 p.m. Haresfield (6) also available
atter tea. Names for tea to P. Screen. 22,
Springueld, Hardwicke, Gioucester, by Tuesday, 13th, please.

after tea. Names for tea to P. Screen. 22, Springield, Hardwicke, Goucester, by Tuesday, 13th, please.

GLOULESTER AND BRISTOL ASSOCIATION.—Wotton-under-Edge Branch.— Meeting at Berkeley, March 16th. Bells (6 only) available at 3 p.m. Service 4.30 p.m. Tea 5. Names to Miss C. M. Snow, Hope House, Ryalls Lane. Slimbridge, Gloucester, by Tuesday, March 5th.

HERTFORD COUNTY ASSOCIATION—St. Albans District.—Meeting, Essendon (6), March 16th, 3 p.m. Service 4.30. Tea 5. Special methods as circulated. Names for tea to Miss S. Farnes, 22, Giebe Cottages, Essendon.—R. E. Hardy, Dis. Sec. 3470 KEN1 COUNTY ASSOCIATION.—Ashtord District.—Meeting at Hothheld, Saturday, March 16th. Bells (6) available 3 p.m. Service 4.30. Tea for those who notify Mr. R. S. Sparks, 4, Rippers Cross Cottages, Hothfield, Ashford, by Thursday, March 14th.—A. P. S. B. 3432 LADIES' GUILD (North Western District).

field, Ashford, by Thursday, March 14th.—A P. S B.

LADIES' GUILD (North Western District) and LANCASHIRE ASSOCIATION (Manchester Branch).—Joint meeting at St. John's, Miles Platting, Manchester, on Saturday, March 16th. Bells (8) from 3 p.m. Own arrangements for tea. Please make an effort to attend, for these are ideal bells for ladies to ring and it may be the last meeting there before church is demolished.—C. Andrew, Dis. Sec. 3486

LANCASHIRE ASSOCIATION (Manchester Branch) and LADIES' GUILD (N.W. District).—Joint meeting at St. John's, Miles Platting, on Saturday, March 16th. Bells (8) 3 p.m. Own arrangements for tea. Note: May be last meeting before church is demolished.—A. Ward, Branch Sec. 3471

LEICESTER DIOCESAN GUILD.—Market Harborough District.— Meeting, Saddington, March 16th. Bells 5 p.m. Service 6 p.m. Meeting 6.30 p.m.—L. W. Allen, Dis. Sec.

LINCOLN DIOCESAN GUILD.—Elloe Deaneries Branch.—Quarterly meeting, Donington, Lincs, Saturday, March 16th. Bells (8) available 2.30. Service 4.30. Tea 5.15. Names for tea to Mr. S. V. Woods, Market Place, Donington, Spalding, Lincs, by Wednesday previous.

NORWICH ASSOCIATION.— Northern

NORWICH ASSOCIATION. — Northern Branch — Monthly practice meeting for Western Deaneries at Intwood (5). Sa'urday, March 16th, 3 p.m. Service 4.15 p.m. Tea 4.45 Also Mulbarton (6) from 6-8 p.m. Names for tea to Miss S. Pole. Keswick Hall College of Education, Norwich. NOR 93B, by Wednesday, March 13th

OXFORD DIOCESTA

OXFORD DIOCESAN GUILD.—Sonning Deanery Branch —A combined practice will be held at Arborfield on March 16th at 6 p.m. Special method: Cambridge Surprise Minor.

SALISBURY DIOCESAN GUILD.—Calne Branch — Meeting at Wootton Bassett (8). March 16th Bells 3 p.m. Service 4,30 p.m. Names for tea to Mr. E. F. Brooks. 16, Morstone Road, Wootton Bassett, Swindon. 3491

1967 INDEX NOW READY. SEND

6d. and s.a.e. to Ringing World, c/o Seven Corners Press Ltd., Onslow Street, Guildford. Other years available.

SALISBURY DIOCESAN GUILD.—Marlborough Branch.—Quarterly meeting at Collingbourne Kingston (6) on Saturday, March 16th. Bells 3 p.m. Tea and business meeting will be followed by ringing at Collingbourne Ducis (6). Names for tea, please, to Miss H. Jones, High Green, Windmill Close, Aldbourne, Wilts.

3479

SOUTHWELL UNIVERSITY GUILD. — Newark District.— Meeting at North Muskham, Saturday, March 16th. Bells 2.30. Tea 5 p.m. for those sending names to Mr. C. J. Copp, North Muskham, Newark.—D. J. Tysoe, Dis.

North Muskham, Newark.—D. J. Tysoe, Dis. Sec. 3497

STAFFORD ARCHDEACONRY SOCIETY.—Meeting at Pensnett on Saturday, March 16th. Committee meeting 2.30 p.m. Bells (8, recently rehung, J. Taylor and Co.) available 3 p.m. Service 4.30 p.m., followed by tea. Names, please, to C. M. Smith, 29, Dimbles Hill, Lichfield, Staffs (Tel. Lich. 4539), by Wednesday, 13th, latest.—C. M. S., Hon. Sec. SUFFOLK GUILD.— Central District.—Practice meeting at Barking (6) on Saturday, March 16th, from 6.30 p.m.—9 p.m. Usual methods plus Norwich Surprise and College Exercise.—M. Page, Dis. Sec. 3477

SURREY ASSOCIATION.—Northern District.—Meeting at St. Martin's, Epsom (10), Saturday, March 16th. Bells 4.30. Service 5. followed by tea, meeting and evening ringing. Names for tea, please, to Miss J. Oakshott, 114, Manor Green Road, Epsom, by previous Wednesday.—E. G. H. Godfrey, Hon. Sec. SUSSEX COUNTY ASSOCIATION.—Southern Division.—Practice meeting at Uckfield, Saturday, March 16th. Bells (8) 3 o clock. Service 4.30. Tea 5.15. Names for tea to J. M. Hills 28, Sullington Way, Shoreham-by-Sea, B.M.4 6PJ, by previous Wednesday. 3495

SWANSEA AND BRECON GUILD.—Southern District.—Quarterly meeting, Newton Nottage, March 16th. Bells (8) available 2.30 p.m. Service 4 p.m. Tea and short meeting will follow. Names for tea to J. A. Hoare, Hon. Dis. Sec.

WORCESTERSHIRE AND DISTRICTS

p.m. Service 4 p.m. Tea and short incenting will follow. Names for tea to J. A. Hoare, Hon. Dis. Sec.

WORCESTERSHIRE AND DISTRICTS ASSOCIATION.—Western Branch.—Quarterly meeting, Droitwich (St. Peter-de-Witton, 6), Saturday, March 16th. Bells 3 p.m. Service 4.15 p.m., followed by tea and business meeting at 5.15 p.m. in St. Andrew's Church Hall, Ricketts Lane. Also Dodderhill (8) 7 p.m.-8.30 p.m. Names for tea to J. J. Stanier, Branch Sec., 14. Canterbury Road, Worcester, not later than Wednesday, March 13th.—

J. J. S. Western

J.J.S.

YORKSHIRE ASSOCIATION. — Western District.—The first quarterly meeting of 1968 will be held at Bradford Cathedral on Saturday, March 16th. Bells (10) available 3 p.m. and after the business meeting. Names for tea, please, to Mr. M. J. Thurmott, 61, Rockwood Crescent, Woodhall Park, Pudsey, as soon as possible.—R. J. Lumley, Hon. Dis. Sec.

MIDDLESEX COUNTY ASSOCIATION—S and W. District. — Evening practice at Stanwell. Wednesday, March 20th, 7.45 p.m.— M. J. Palmer.

LEICESTER DIOCESAN GUILD.—Annual LEICESTER DIOCESAN GUILD.—Annual general meeting, Saturday, April 20th. Choral Evensong (ringers' choir), Leicester Cathedral. 4 p.m. Tea at 5 p.m. in Alderman Newton's Main School Hall (next to Cathedral). Any names for tea not sent in by clergy, to be sent to Mrs. P. J. Staniforth. 150, Narborough Road South, Leicester Ringing arrangements later. Annual Dinner (note change of date). September 28th, at Stanford Hall. Leicester University. Details later.—A. J. Poynor, 3499

LATE NOTICES

SUFFOLK GUILD—North West District.—
Practice meeting at Lakenheath (6) on Friday evening March 8th Bells from 7 pm to 9 pm—A F Ballam 3427
SOUTHWELL DIOCESAN GUILD.—
Newark District.—The address of Newark District secretary is now Mr. D. J. Tysoe. 2, Valley View, Coddington, Newark. 3498

A WEEK-END COURSE IN BELL-RINGING

At Hereford College of Education

From Friday evening, April 19th, to Sunday afternoon, April 21st, 1968.

Tutors: Mr. G. T. Cousins, Mr. P. G K. Davies, Mr. W. F. Moreton, Mr. F. Sharpe and Mr. W. G. Wilson.

Subjects: Bells, their history and maintenance; Learning and ringing methods (elementary, practical work); Conducting standard methods; Methods of teaching.

Cost: Residents £4 5s., non-residents £2 5s. (£1 if no meals are taken.)

Apply to: W. F. Moreton, 6, Bar Lane, Wakefield, Yorkshire. 3496

OBITUARY MR. HERBERT DAVIES An Appreciation

January 31st, 1968, saw the passing of Herbert Davies at the age of 82, the last member of the celebrated band of ringers which made St. Peter's, Church, Pentre, Rhondda, noted throughout the Llandaff and Monmouth Association.

He came to the Rhondda from Kingsland, Hereford, at the age of 26, joining the St. Peter's Society in 1911. He rang 37 peals for the Association, amongst their Cambridge, Superlative and Double Norwich, but it is for his conducting of Grandsire and Stedman that he was better known, preferring methods in which the heaviest bell in Wales was rung

behind.

The 74 steps of St. Peter's finally led to his calling the last bob in 1957, but he will always be remembered by the Society for his patience and perseverance with its younger members, who never once heard his voice raised, even when things were not going quite as they should.

W. R. B.

EAST DERBYS AND WEST NOTTS ASSOCIATION

The light and interesting six at Holy Cross The light and interesting six at Holy Cross Church, Morton, was selected for the Association's first meeting of 1968 on February 17th. The tenor, recast in 1500, is 4½ cwt, but is not the heaviest bell, the fifth being half a cwt, heavier. Over 4C ringers from ten towers were present at tea in the Rectory Room, and

were present at tea in the Rectory Room, and the ringing ranged from rounds and call-changes to Norwich and London Surprise.

At the business meeting the president, Mr. Brynley Richards, was in the chair. Fourteen new members were elected including eight from Pinxton, of whom one was the Vicar (Rev. R. L. Gwyther).

Notice was given to change the present arrangement of monthly meetings to bi-monthly on the fourth Saturday of each even month. This will come before the A.G.M. on Easter Monday. Mr. S. W Fossey proposed a vote of thanks to the Rector (Rev. E. B Teale) for conducting the service, to the organist (Mr. E. conducting the service, to the organist (Mr. E. C. Clayton) and the ladies who provided the tea, and ringing continued until 9 p.m.

Ripley bells are not available for March

meeting.

Randwick's Cycling Vicar has now Six Bells

RANDWICK, Goucestershire, has beilfry, through the initiative of the Rev. the Hon. N. R. Morrison, who cycled 1,000 miles on a sponsored journey from Land's End to John o' Groats to raise money for the sixth beil.

The idea of augmenting from four to six bells came to mm when Miss Edna marper offered a belt to the church in memory of her brother, who died four

memory or her brother, who died four years ago.

The Randwick Church Council then agreed to purchase a sixth bell and, tnanks to the Vicar's ride, a grant of £75 from the Gioucester and Bristol Diocesan Association of Church Bell Ringers and various sponsors, all but £25 of the £600 or so needed has been raised. The two new bells were cast by Messrs. John Taylor and weign about 3 cwt. each, The inscriptions are:

"In memory of a dear brother, Russell Harper, 1904–1964, who loved the sound of bells, from sister Edna."

"Gloucester and Bristol Diocesan Association of Church Bell Ringers; Mrs. K. A. M. Wehner (her husband), J. H. B. Wehner (her mother-in-law) and A. M. Leake (her mother-in-law) and A. M. Leake (her mother); M. H. Simpson in memory of Eva L. Simpson and the Rev. the Hon. and Mrs. N. R. Morrison," concluding with the words "Behold the Lamb of God."

The new bells were dedicated at a private ceremony on February 17th by the Rev. C. H. J. Wood, Vicar of Standish, with Miss Mary Bliss, chairman of the Gloucester and Bristol Diocesan Association, who struck each bell three times. The public dedication ceremony will take place on Palm Sunday. Commented the Vicar after the new bells had been tried out on February 22nd: "A very pure tone, purer than the old bells."



HOISTING THE BELL,-Left to right: The Rev. N. R. Morrison, his four-year-old son John, Mr. A. R. Barnett (tower secretary) and Mr. H. J. W. Pheby (deputy churchwarden). [Photo by courtesy of "Stroud News and Journal."

YORKSHIRE ASSOCIATION WITH SELBY SOCIETY

Was it the joint meeting or was it Howden's bells that attracted over 60 people to put in an appearance during the afternoon and evening? Whatever it was this meeting turned out to be very successful, with plenty of ringing, a pleasant service at which the Vicar played the piano for the hymns, a good tea and the briefest of dual business meetings.

Mr. A. Sheppard and Mr. H. Walker shared the chair and welcomed the Association's president and lady, together with the Association's general secretary with his wife and family, also Mr. H. Hawcroft, from Sutton-on-Trent.

Beverley was proposed for the District A.G.M. on the third Saturday in May. An invitation to hold the 1969 District A.G.M. at Howden from the Vicar was accepted; he added that the Association was always welcome. Was it the joint meeting or was it Howden's

come.

Mr. J. Thorley deputised for Mr. L. M.
Woodhead (who was absent through illness)
and quickly disposed of the Selby District
business. Mr. R. Warford proposed a comprehensive vote of thanks.

R. D.

SALISBURY DIOCESAN GUILD West Dorset Branch

The Langford-Beams Cox memorial meeting was held at Bradpole on February 17th. Seven was held at Bradpole on February 17th. Seyen towers were represented and visitors were welcomed, including the Rev. R. N. Longridge, Master of the Salisbury Diocesan Guild. The Guild service was conducted by the vice-chairman of the Branch, the Rev. O. L. Willmott. His interesting address left much "food for thought." Tea was arranged in the Foresters Hall by the local ringers and lady helpers. At the opening of the business meeting the chairman (Mr. C. W. Powell) warmly welcomed the Rev. R. N. Longridge, and his visit was much appreciated. Members were told of the Guild Festival at Wimborne and agreed to use their own transport.

Standard methods were rung during the afternoon and evening, including Yorkshire.

Next quarterly meeting: Beaminster, April 27th. Practice meetings: Askerswell, April 3rd; Whitechurch Canonicorum, May 6th. J. D.

KENT COUNTY ASSOCIATION Charing Win District Striking **Contest**

Eight teams entered for the first striking competition of the Ashford District held at St. Nicholas', Pluckley, on February 17th, and while the competition progressed non-competing members found comfort on the tombstones or churchyard wall and exercised their brains on informal judging. The foremost of these was "The Lurker" (W. W. Ling), who is renowned throughout the District for his criticism of striking.

After tea in the School Room, Mr. C. J. E. Wyld thanked the Rector (the Rev. J. L. Pittock) and the organist (Miss Anne Barber) for the service, and the local band for making the arrangements. The judges (Dr. D. Niblett and Mr. J. R. Cooper) then announced the results with a commentary. Certificates were awarded to the first three teams: 1 Charing, 2 Folkestone, 3 Cheriton. Other teams competing were Brabourne, Little Chart, Lympne, Rolvenden and Wye. The judges and Mr. A. G. Homewood were thanked by Mr. N. J. Davies, and ringing was resumed.

Gratefully Acknowledged

The Editorial Committee acknowledges with gratitude the following donations towards the cost of producing "The Ringing World":—

Personal.-West Dorset Branch 10s.

Peals.-Lytchett Minster 3s., Higher Walton 3s., Scorton 3s., Litlington 6s., Barton-on-Humber 4s., St. Albans 3s., Allesley 3s. 6d., Drayton 4s., Old Windsor 4s., Cropwell 5s.

Drayton 4s., Old Windsor 4s., Cropwell 5s.

Quarter Peals. — Litton Cheney 2s., Symondsbury 2s., Kewstoke 3s., Church Eaton 5s., Bristol 4s., Blackhill 3s., Loughton 4s., Melton Mowbray 5s., Sidbury 2s. 6d., Sible Hedingham 4s., Chalgrove 1s. 3d., Oxford 1s. 3d., Bedford 4s., Hawkshead 4s., Codsall 3s., Greasley 2s. 6d., Pilton 3s., Canterbury 5s., Ross-on-Wye 4s., Haslingfield 2s. 6d., Alton 4s., Hersham 4s., Hawley 3s., Wantage (3) 10s., Kingston upon Thames 10s., Hemingford Abbots (2) 10s., Ashtead (2) 8s., Lewisham 5s., Radcliffe-on-Trent 5s., Milton Regis 3s., S. Radcliffe-on-Trent 5s., Milton Regis 3s., S. Petherton 3s., Upham 3s., Harborne 4s., Petham 5s., Nailsea 3s., Bredenbury 4s., Lancaster 3s. 6d., Southport 4s., Allesley 2s. 6d., Ruardean 4s., Corsley 2s. 6d., Swaffham 5s., Clyst Honiton 2s., Weybridge 3s., Stourton 3s.

PEALS & OUARTER PEAL CARDS Prices. - Peals: Set of 12 for 16s.; 18 for 22s.; 24 for 26s. Quarter Peals: 12 for 15s. and 3d. for each additional card. - "The Ringing World". Onslow Street, Guildford.

COMPOSITIONS

16,559 GRANDSIRE CATERS

	L	у,	ALD	LKI	MI. IILLI			
23456789					34295678			
32456987	1	3	4		24536978	1		4
25436	2	3	4		45236	-	Α	
42536	1	2	3			_	_	_
64235	1	2	35		54236879	1	3	4
23495678			3S	4	42536		A	_
52394	1	2	3Si		52643	IS		4
45293	1	2	38		26543		Α	
34592 53492	1	2 2 2 2	3S		6254978	1	3	4
25394	1	2	3 3S		25643	•	A	4
23374	_	_				_		
42593	1	2	3\$		65324	15		4
54293	1	2 2 2	3		53624		A	
25493 32594	1	2	38		35624879	1	3	4
34394			25		56324		A	7
43295	1	2	35					_
24395	1	2	3 3 3S		36452879	15		4
32495	1	2	3		43652	1	2	3
53294	1	2	35	A	64352	1		
45392	1	2	3 S		46352978	1	3 2	4
24593	1	2	3S		34652	1	2	3
52493	1	2	3 3S		63452	1	2	3
35294	1		32		43265	15		4
43592	1	2	3 S		24365	1	2	3
54392	i	2			32465	ī	2	3
35492	1	2	3				_	
23594	1	2	3S		23465879	1	3	4
42395	1	2	3S		42365 34265	1	2 2	3
34295	1	2	3		34203			
37273	•		_					

Rung at Appleton on February 10th, 1968.

Conducted by Brian R. White.

DATE TOUCH OF 1,968 BOB MAJOR

23456	W	В	Н
52364 35264 23564		-	
62345 36245 23645	_	-	Ξ
6423 5 26435		1	_
43265 24365 32465	_	Y,	=
25346	_	2	1
34256 32456 43256 24356 23456			-s -s

LANCASHIRE ASSOCIATION
INSTRUCTION & DIAGRAM BOOK
Available to all ringers at 3s. 6d. each.
Post free from:

F. REYNOLDS, 38, Windsor Avenue, Whitefield, Manchester.

3077

THE WORLD'S BEST RELLROPES'

Noted for Easy Handling and Non-stretching

Established 1820 Phone 2400

JOHN PRITCHARD

(ROPES) Ltd.
LOUGHBOROUGH

CLOCKS AND CHIMING ROPES
SPLICING AND REPAIRS
BELL MUFFLERS

Price List on Application

FROM HANDLING A BELL TO CALLING A PEAL

The Ringers Handbook

Detailed instruction in the Four Standard Methods
6-bell edition 4/- each; six for £1-2-6
8-bell edition 6/- each; six for £1-15-0
All Post Free.
Obtainable only from Mrs. E. S. Powell, Poleshill Cottage, Langford Budville, Wellington, Somerset.

JASPER SNOWDON SERIES

"Grandsire" by J. A. Trollope.
130 pages. 3s. 9d. (postage 6d. extra)
Mrs W Turner, 1, Grove House,
High Street, Bushey, Herts.

PUBLICATIONS BY THE CENTRAL COUNCIL

PRESERVATION & REPAIR s. d. COMPOSITIONS IN POPULAR MAJOR METHODS SYMBOLIC TREATMENT OF COLLECTION OF MINOR METHODS METHODS
COMPOSITIONS OF STEDMAN
CATERS AND CINQUES
DOUBLES METHODS
RINGING FOR SERVICE
ON CONDUCTING
CENTRAL COUNCIL HAND-BOOK METHOD SHEETS—
Double Norwich Double Norwich
Stedman and Grandsire Triples
COLLECTION OF PEALS—
Sect. III: Double Norwich C.B.
INSTRUCTION ON CARE OF
CHURCH BELLS (card)
MODEL CODE OF RULES—
Ringers' Society or Company.
ELECTRICAL SWITCHGEAR
WARNING CARDS
SPLICED TRIPLES
"FOUR-WAY" TABLE MINOR
METHODS **METHODS** Cash with Order. Post Free. . . MR. J. L. GARNER-HAYWARD, Lowfold, Ashorne, Warwick.

FOR PROMPT DELIVERY OF HIGH QUALITY

BELL ROPES

As supplied to St. Paul's Cathedral, Westminster Abbey, Imperial Institute, Canterbury, Edinburgh, St. Albans, Lincoln, Durham, Peterborough, Melbourne (Australia). Rochester, Dublin (St. Patrick's), Manchester, Gloucester and Worcester Cathedrals, Durban (S.A.), Perth (Australia), Vancouver (B.C.). etc.

Apply to

JOHN NICOLL

Established 1760

CHURCH BELL ROPE MANUFACTURER

272, RINGWOOD ROAD, FERNDOWN, DORSET

(formerly of 64, Lewisham Park, S.E.13)

Telephone: Ferndown 3137

WILLIAM

The original Leeds firm

(Manager: R. H. DOVE)

CHURCH CLOCKS EXISTING HAND-WOUND CLOCKS CONVERTED TO ELECTRIC DRIVE

& SONS LTD., BANKFIELD TERRACE, LEEDS Phone 52757

Printed for the proprietors by Seven Corners Press Ltd., Guildford, and published by Rolls House Publishing Co., Ltd., Breams Buildings, London, E.C.4.

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