DEATH OF MR. CYRIL F. JOHNSTON

THE RINGING WORLD

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EASTERTIDE

The world itself keeps Easter Day,
  Saint Joseph's star is beaming;
Saint Alice has her primrose gay,
  Saint George's bells are gleaming;
    Alleluya, Alleluya;
The Lord hath risen, as all things tell:
Good Christians, see ye rise as well.

THIS Easter carol of J. M. Neale, written about 1854, is perhaps little known in this generation. The opening line, however, exemplifies a thought which is applicable to-day as when the clouds of the Crimean War shrouded the country. 'The world itself keeps Easter,' with the countryside gay with spring flowers and the freshness and joy of spring in bird, beast and man.

There is for us a special injunction in the last line: 'Good Christians, see ye rise as well.' It is a challenge to us to rise as Christ rose to enter upon the new Christian year with vigour, understanding and courage. Easter is for ringers a special festival, and whether at home or on holiday we feel certain that there will be no neglect on our part to perform our allotted duty to the Church.

We shall ring for three things. The proclamation to the people of the Risen Christ, for although 'The world itself keeps Easter,' the vast majority are indifferent, except at periods of stress, the great act of sacrifice and redemption that was brought to mankind by the first Calvary and made a reality on that Easter morning. We shall not know the reaction to those bells, but there will be thousands who will hear them and many will perhaps ponder and think.

The second will be a personal dedication on the part of those who ring. Service ringing for the great festivals of the Church is not a perfunctory act. There must be a consciousness of the service we are performing. It is something far far greater than ringing a touch or quarter peal. Into that ringing will go our best as in an act of worship, and the expressed hope and prayer that the bells will give to the people the same message as the angel in the Garden.

But earlier still the angel sped
  His news of comfort giving.
And 'Why,' he said, 'among the dead
  Thus seek ye for the Living?'
    Alleluya, Alleluya;
'Go, tell them all, and make them blest;
Tell Peter first, and then the rest.'

Lastly, we shall ring for sheer personal joy. It would be hypocritical to suggest otherwise. While a sense of duty prevails in all service ringing, it is accompanied by individual love of ringing. Frequently we hear and read of ringers being thanked by the Church for their loyal and devoted service. But we would assure the clergy that the benefit is mutual, arising from a love of ringing. Love of bells and ringing grows with the passing of years, and it is always a sad day when infirmity or other circumstances break the sequence. The Sunday-by-Sunday fellowship becomes a very real thing, and we implore all young ringers to cultivate it. Once the break occurs, ringing is not the same thing. The first seeds of disintegration of a village or tower band is when the individual neglects his Sunday ringing. Occasional attendance at district meetings cannot replace the love promoted by the regularity of Sunday ringing.

The love of bells cannot be really divorced from the love of the Church. There are a few ringers who regard ringing purely from a secular point of view, and are no part of the Church. They have not come under the mystic influence and they share not the spiritual joy of Easter ringing which brings with it a sense of corporateness with the Risen Christ. It is only to be expected in this godless age that there should be such a section. Nevertheless they are members of the great family of ringers, and by that membership subscribe to the fundamental principles of the Central Council of Church Bell ringers, who in 1912 passed the following resolution: 'That the primary aim of all Associations should be the encouragement of ringing for Sunday services and on the Festivals and their Eves.' In keeping steadfast to this primary aim, our unity to the Church is cemented and we become Her servants. May all of us this Eastertide be conscious of Christ's Presence within the belfry, and as we ring, whether it be a touch of Grandsire Doubles or in the realms of Surprise, remember the lines of Henry Newbolt:—

'To set the cause beyond renown,
  To love the game beyond the prize.'

TWELVE BELL PEAL

BIRMINGHAM.
ST. MARTIN'S GUILD FOR THE DIOCESE OF BIRMINGHAM.
On Thurs., Mar. 23, 1950, *in* 3 *Hours and* 40 *Minutes,*
AT THE CATHEDRAL CHURCH OF ST. PHILIP,
A PEAL OF SOLIHULL SURPRISE MAXIMUS, 5280 CHANGES;
Tenor 31 cwt. 21 lb. in D.

WILLIAM C. DOWDING	*Treble*	TERRY R. HAMPTON	7
EDGAR C. SHEPHERD	2	ARTHUR D. COOK	8
G. WILLIAM CRITCHLEY	3	ARTHUR V. PEARSON	9
ALBERT WALKER	4	HENRY H. FEARN	10
FRANK E. PERVIN	5	FRANK E. HAYNES	11
JOHN PINFOLD	6	GEORGE E. FEARN	*Tenor*

Conducted by G. WILLIAM CRITCHLEY.
The first peal in the method.

TEN BELL PEALS

LEEDS, YORKSHIRE.
THE YORKSHIRE ASSOCIATION.
On Sat., Mar. 18, 1950, *in* 3 *Hours and* 31 *Minutes,*
AT THE CHURCH OF ST. PETER,
A PEAL OF GRANDSIRE CATERS, 5003 CHANGES;
Tenor 42 cwt. 1 qr.

JACK F. HODSON	*Treble*	VERNON BOTTOMLEY	6
*SAM LONGBOTTOM	2	*JOHN HOGG	7
*ARNOLD COLE	3	RONALD H. DOVE	8
DONALD MARSHALL	4	FREDERICK SEAGER	9
*LESLIE BOUMPHREY	5	EDWARD JENKINS	*Tenor*

Composed by H. G. MILES. Conducted by EDWARD JENKINS.
* First peal of Caters. First peal of Grandsire as conductor. First peal of Caters on the bells since recasting. In memoriam T. Dexter, who recently rehung the tenor.

WEDNESBURY, STAFFORDSHIRE.
THE SOCIETY FOR THE ARCHDEACONRY OF STAFFORD.
On Thurs., Mar. 23, 1950, *in* 3 *Hours and* 14 *Minutes,*
AT THE CHURCH OF ST. BARTHOLOMEW,
A PEAL OF STEDMAN CATERS, 5067 CHANGES;
Tenor 24 cwt.

HOWARD HOWELL	*Treble*	WILLIAM T. POWELL	6
MAURICE G. TURNER	2	J. NORMAN HADLEY	7
ALAN ELSMORE	3	DEREK J. TRANTER	8
*CLIFFORD A. BARRON	4	JOHN N. LINDON	9
RICHARD J. WARRILOW	5	ALBERT J. HUBBLE	*Tenor*

Composed by JAMES E. GROVES. Conducted by HOWARD HOWELL.
* First peal of Caters.

EIGHT BELL PEALS

SAXLINGHAM NETHERGATE, NORFOLK.
THE NORWICH DIOCESAN ASSOCIATION.
On Sat., Mar. 11, 1950, *in* 2 *Hours and* 58 *Minutes,*
AT THE CHURCH OF ST. MARY,
A PEAL OF KENT TREBLE BOB MAJOR, 5088 CHANGES;
Tenor 8 cwt. 48 lb. in G.

ARTHUR W. DICKERSON	*Treble*	JOHN ALDIS, SEN.	5
F. CEDRIC W. PHILLIPPO	2	CECIL A. THOMPSON	6
*THOMAS SIMMONS	3	GEORGE POYNTZ	7
LEONARD G. TOOKE	4	HENRY TOOKE	*Tenor*

Composed by T. B. WORSLEY. Conducted by HENRY TOOKE.
* 50th peal. A farewell peal to the ringer of the treble. A 60th birthday compliment to the ringer of the 7th. Also rung in honour of the wedding of Miss Hastings, of Rainthorpe Hall.

SILVERDALE, STAFFORDSHIRE.
THE NORTH STAFFORDSHIRE ASSOCIATION.
On Sat., Mar. 11, 1950, *in* 2 *Hours and* 49 *Minutes,*
AT THE CHURCH OF ST. LUKE,
A PEAL OF LINCOLNSHIRE SURPRISE MAJOR, 5088 CHANGES;
Tenor 9 cwt. 2 qr. 18 lb. in A flat.

*G. ARNOLD MOORE	*Treble*	WILLIAM CARNWELL	5
FREDK. E. WILSHAW	2	ARTHUR PEAKE	6
CHARLES S. RYLES	3	CHARLES H. PAGE	7
MARGARET RIGBY	4	FREDK. WM. GROCOTT	*Tenor*

Composed by WM. BARTON. Conducted by FREDK. WM. GROCOTT.
* First peal of Surprise. First peal in the method by all the band, on the bells and for the Association. First peal of Surprise on the bells. A compliment to R. S. Anderson, chairman of the Association, on the birth of a son. Also a 21st birthday compliment to Miss Doreen Peake, daughter of the ringer of the sixth.

WHITTLE-LE-WOODS, LANCASHIRE.
THE LANCASHIRE ASSOCIATION.
On Sat., Mar. 18, 1950, *in* 3 *Hours and* 6 *Minutes,*
AT THE CHURCH OF ST. JOHN,
A PEAL OF DOUBLE NORWICH COURT BOB MAJOR, 5040 CHANGES;
Tenor 21 cwt.

C. W. BLAKEY	*Treble*	J. LEATHERBARROW	5
MISS M. REAY	2	S. H. DEARDEN	6
REV. F. F. RIGBY	3	F. DUNKERLEY	7
A. TOMLINSON	4	L. J. WILLIAMS	*Tenor*

Composed by REV. H. E. BULWER. Conducted by F. DUNKERLEY.

WICKEN, NORTHAMPTONSHIRE.
THE PETERBOROUGH DIOCESAN GUILD.
On Sat., Mar. 18, 1950, *in* 2 *Hours and* 52 *Minutes,*
AT THE CHURCH OF ST. JOHN-THE-EVANGELIST,
A PEAL OF STEDMAN TRIPLES, 5040 CHANGES;
Heywood's Transposition. Tenor 15 cwt. 1 qr. 20 lb.

MARGARET L. TUTT	*Treble*	FREDERICK VICKERS	5
HERBERT H. ALEXANDER	2	GEORGE W. HOLLAND	6
WILLIAM YATES	3	FREDK. A. H. WILKINS	7
FREDERICK C. CASE	4	WALTER F. JUDGE	*Tenor*

Conducted by WALTER F. JUDGE.

WITHYHAM, SUSSEX.
THE SUSSEX COUNTY ASSOCIATION.
On Sun., Mar. 19, 1950, *in* 3 *Hours and* 3 *Minutes,*
AT THE CHURCH OF ST. MICHAEL AND ALL ANGELS,
A PEAL OF PLAIN BOB MAJOR, 5056 CHANGES;
Tenor 15 cwt. 9 lb. in E.

*GEOFFREY BURROUGHS	*Treble*	ERNEST J. LADD	5
FREDK. J. LAMBERT, JUN.	2	CHARLES A. BASSETT	6
HENRY N. VAUGHN	3	WM. A. KITCHENSIDE	7
ARTHUR T. LEWRY	4	WILLIAM ROGERS	*Tenor*

Composed and Conducted by ARTHUR T. LEWRY.
* First peal on eight bells. A compliment to Miss Jessie Hicks and Mr. Gerald Oakes on the occasion of their wedding, which took place at Hailsham Church on March 18th.

OVERSEAL, DERBYSHIRE.
THE MIDLAND COUNTIES GUILD.
On Tues., Mar. 21, 1950, *in* 2 *Hours and* 45 *Minutes,*
AT THE CHURCH OF ST. MATTHEW,
A PEAL OF REVERSE CANTERBURY PLEASURE MAJOR, 5152 CHANGES;
Tenor 10 cwt.

*GEOFFREY W. HAIR	*Treble*	*JOSEPH WM. COTTON	5
*WALTER G. SOAR	2	*SIDNEY H. JONES	6
*WM. F. WOODWARD	3	*PERCIVAL W. GRICE	7
*F. GEORGE BAILEY	4	ERNEST MORRIS	*Tenor*

Composed and Conducted by ERNEST MORRIS.
* First peal in the method. First peal in the method on the bells and for the Guild.

CLAYBROOKE, LEICESTERSHIRE.
THE LEICESTER DIOCESAN GUILD.
On Wed., Mar. 22, 1950, *in* 2 *Hours and* 52 *Minutes,*
AT THE CHURCH OF ST. PETER,
A PEAL OF YORKSHIRE SURPRISE MAJOR, 5056 CHANGES;
Tenor 14 cwt.

HAROLD J. POOLE	*Treble*	SHIRLEY BURTON	5
JOHN B. BENNETT	2	LEONARD TREVOR	6
TERENCE A. THORNBER	3	HERRICK B. BOWLEY	7
ALFRED BALLARD	4	JOHN A. L. THOMPSON	*Tenor*

Composed by E. W. TIPLER. Conducted by HAROLD J. POOLE.
A birthday compliment to Kathleen Tilley and Elizabeth Faulknall.

ROTHERFIELD, SUSSEX.
THE SUSSEX COUNTY ASSOCIATION.
On Wed., Mar. 22, 1950, *in* 3 *Hours and* 8 *Minutes,*
AT THE CHURCH OF ST. DENYS,
A PEAL OF ALDENHAM SURPRISE MAJOR, 5056 CHANGES;
Tenor 23 cwt. 23 lb. in D.

WM. A. KITCHENSIDE	*Treble*	THOMAS E. SONE	5
WILLIAM ROGERS	2	REGINALD E. LAMBERT	6
*GILLIAN A. SMITH	3	ALFRED W. DURHAM	7
ARTHUR F. LEWRY	4	†ROBERT T. LAMBERT	*Tenor*

Composed by H. DAINS. Conducted by WILLIAM ROGERS.
* First Surprise peal. † 300th peal. First peal in the method by all the band, on the bells and for the Association. Rung as a third birthday compliment to Yvonne, granddaughter of the conductor.

DARTFORD, KENT.
THE KENT COUNTY ASSOCIATION.
On Sat., Mar. 25, 1950, *in* 2 *Hours and* 54 *Minutes,*
At the Church of the Holy Trinity,
A PEAL OF STEDMAN TRIPLES, 5040 CHANGES;
Pitstow's Variation. Tenor 18¼ cwt.

John Wheadon	*Treble*	Alfred G. Hill	5
Walter Lemon	2	Fredk. J. Cullum	6
Alfred C Patten	3	Herbert E. Audsley	7
Frank Walker	4	Robert Rayfield	*Tenor*

Conducted by Herbert E. Audsley.
.In memoriam Richard A. Cullum.

HARMSTON, LINCOLNSHIRE.
THE LINCOLN DIOCESAN GUILD.
On Sat., Mar. 25, 1950, *in* 2 *Hours and* 48 *Minutes,*
At the Church of All Saints,
A PEAL OF BRISTOL SURPRISE MAJOR, 5088 CHANGES;
Tenor 12 cwt.

Margaret A. Swann	*Treble*	†H. Leslie Pask	5
*Jack L. Millhouse	2	Frederick W. Stokes	6
Charles McGuiness	3	†Geoffrey M. Mayer	7
†Raymond F. Smith	4	John Freeman	*Tenor*

Composed by Sam Thomas. Conducted by John Freeman.
* 350th peal. † First peal in the method.

LEISTON, SUFFOLK.
THE SUFFOLK GUILD.
On Sat., Mar. 25, 1950, *in* 3 *Hours and* 8 *Minutes,*
At the Church of St. Margaret,
A PEAL OF KENT TREBLE BOB MAJOR, 5088 CHANGES;
Tenor 20½ cwt.

Ernest S. Bailey	*Treble*	‡Alan S. Pipe	5
*Alan R. Bridges	2	James G. Rumsey	6
R. S. Payne	3	J. W. H. Preastner	7
†John W. C. Blyth	4	James M. Bailey	*Tenor*

Composed by J. Platt. Conducted James M. Bailey.
* First peal. † 25th peal. ‡ First peal of Major.

MELBOURNE, DERBYSHIRE.
THE DERBYSHIRE ASSOCIATION.
On Sat., Mar. 25, 1950, *in* 3 *Hours and* 2 *Minutes,*
At the Church of SS. Michael and Mary,
A PEAL OF KENT TREBLE BOB MAJOR, 5088 CHANGES;
Tenor 15 cwt. 1 qr. 24 lb.

W. A. Parsons	*Treble*	*Mark J. Barker	5
R. Allen Hickton	2	Francis R. Lowe	6
Edward C. Gobey	3	Denis R. Carlisle	7
*Albert E. Thompson	4	Edward F. Gobey	*Tenor*

Composed by E. C. Gobey. Conducted by Edward F. Gobey.
* First peal in the method. The conductor's 100th peal. A wedding peal for Dr. Patrick D. C. Kinmont and Miss Elizabeth G. M. West. Rung also in honour of the medical profession. This composition is now rung for the first time.

NORTHOWRAM, YORKSHIRE.
THE YORKSHIRE ASSOCIATION.
On Sat., Mar. 25, 1950, *in* 3 *Hours and* 13 *Minutes,*
At the Church of St. Matthew,
A PEAL OF GRANDSIRE TRIPLES, 5040 CHANGES;
J. J. Parker's Twelve-part (7th observation).
Tenor 15 cwt. 3 qr. 16 lb. in E.

Sidney Barron	*Treble*	Norman Bennett	5
Gordon Turner	2	Geoffrey Crossley	6
W. George Turner	3	John Pearson	7
Albert W. Bond	4	Leonard Healey	*Tenor*

Conducted by John Pearson.
First peal of Grandsire Triples for all except ringer of treble.

PORTSMOUTH, HAMPSHIRE.
THE WINCHESTER AND PORTSMOUTH DIOCESAN GUILD.
On Sat., Mar. 25, 1950, *in* 3 *Hours and* 18 *Minutes,*
At the Cathedral Church of St. Thomas of Canterbury,
A PEAL OF CAMBRIDGE SURPRISE MAJOR, 5056 CHANGES;
Johnson's Variation. Tenor 25½ cwt.

E. Joan Salmons	*Treble*	Tower R. Taylor	5
Alfred T. Greenwood	2	John H. Hunt	6
*Patrick Page	3	Fredk. W. Rogers	7
*Bryan C. Stirland	4	Fredk. W. Burnett	*Tenor*

Conducted by Frederick W. Burnett.
* First Surprise peal.

PULHAM, NORFOLK.
THE NORWICH DIOCESAN ASSOCIATION.
On Sat., Mar. 25, 1950, *in* 3 *Hours and* 10 *Minutes,*
At the Church of St. Mary-the-Virgin,
A PEAL OF SPLICED PLAIN BOB AND KENT TREBLE BOB MAJOR, 5184 CHANGES:
Tenor 14 cwt.

Ernest Whiting	*Treble*	Charles Catchpole	5
Cyril J. Barber	2	Fredk. J. Roope	6
Ernest A. Head	3	Ernest C. Staff	7
Cecil A. Thompson	4	William J. Flatt	*Tenor*

Composed by A. J. Pitman. Conducted by Ernest Whiting.

ROTHWELL, YORKSHIRE.
THE YORKSHIRE ASSOCIATION.
On Sat., Mar. 25, 1950, *in* 2 *Hours and* 58 *Minutes,*
At the Church of the Holy Trinity,
A PEAL OF KENT TREBLE BOB MAJOR, 5088 CHANGES;
Tenor 13 cwt.

George Wm. Steel	*Treble*	Thos. Wm. Strangeway	5
Arthur G. Wood	2	Harry Lofthouse	6
Percy Massam	3	*Ernest Spencer	7
Peter Woodward	4	Harry Homer	*Tenor*

Composed by T. B. Worsley. Conducted by T. W. Strangeway.
* First peal in the method. A birthday compliment to G. W. Steel, G. Copley and A. W. Strangeway, all members of the local company. Also in honour of H. Lofthouse completing 27 years as secretary of the Leeds and District Society.

WHISTON, YORKSHIRE.
THE YORKSHIRE ASSOCIATION.
(The Sheffield and District Society.)
On Sat., Mar. 25, 1950, *in* 2 *Hours and* 47 *Minutes,*
At the Church of St. Mary Magdalene,
A PEAL OF CAMBRIDGE SURPRISE MAJOR, 5056 CHANGES;
Middleton's. Tenor 14 cwt. 1 qr. 22 lb. in F.

*Joseph Saxton	*Treble*	John E. Turley	5
†Gordon C. Briggs	2	Herbert O. Chaddock	6
‡Mrs. John E. Turley	3	G. Gordon Graham	7
Alfred Smith	4	Norman Chaddock	*Tenor*

Conducted by Norman Chaddock.
* 50th peal. † First peal of Cambridge Major. ‡ First peal of Surprise 'inside.' A tribute of respect to Mr. John Thorpe, of Sheffield Cathedral, who passed away on March 20th.

WILLESDEN, MIDDLESEX.
MIDDLESEX COUNTY ASSN. AND LONDON DIOCESAN GUILD.
On Sat., Mar. 25, 1950, *in* 2 *Hours and* 39 *Minutes,*
At the Church of St. Mary,
A PEAL OF LONDON SURPRISE MAJOR, 5184 CHANGES;
Tenor 10 cwt.

Albert Diserens	*Treble*	Leonard H. Bowler	5
Christopher W. Woolley	2	Maurice Hodgson	6
Noel J. Diserens	3	Harold G. Cashmore	7
Alick Cutler	4	Thomas J. Lock	*Tenor*

Composed by F. Dench. Conducted by Thomas J. Lock.
First peal in the method as conductor.

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NORTH ELMHAM, NORFOLK.
THE NORWICH DIOCESAN ASSOCIATION.
On Sun., Mar. 26, 1950, in 3 Hours and 7 Minutes,
AT THE CHURCH OF ST. MARY,
A PEAL OF PLAIN BOB MAJOR, 5040 CHANGES;
Tenor 19 cwt. 82 lb. in E.

*ALBERT W. BARBER	*Treble*	‡TONY OWEN	5
ROBERT MARSH	2	GEORGE T. BUNNING	6
VINCENT R. OVENS	3	‡SIDNEY MARSHALL	7
†VICTOR ROBINSON	4	BERT GOGLE	*Tenor*

Composed by B. ANNABLE. Conducted by SIDNEY MARSHALL.

* First peal on eight bells. † First peal in the method. ‡ First peal on eight away from the treble. First peal on eight bells as conductor.

SIX BELL PEALS

BYFIELD, NORTHANTS.
THE PETERBOROUGH DIOCESAN GUILD.
On Sat., Mar. 18, 1950, in 2 Hours and 55 Minutes,
AT THE CHURCH OF THE HOLY CROSS,
A PEAL OF GRANDSIRE DOUBLES, 5040 CHANGES;
Being 40 six-scores, 10 different callings, and one 240. Tenor 14 cwt.

*D. WILLIAM LEWIS	*Treble*	VICTOR A. PERRY	4
†REGINALD W. FENNELL	2	SYDNEY G. OSBORNE	5
FREDERICK W. HUTT	3	*RICHARD T. FIELD	*Tenor*

Conducted by SYDNEY G. OSBORNE.

* First peal. † First peal 'inside.' First peal on the bells. Rung as a compliment to Mr. W. John Haynes, a ringer at this church and service ringer for more than 40 years.

BUSHLEY, GLOUCESTERSHIRE.
THE WORCESTERSHIRE AND DISTRICTS ASSOCIATION.
On Sat., Mar. 18, 1950, in 2 Hours and 50 Minutes,
AT THE CHURCH OF ST. PETER,
A PEAL OF PLAIN BOB MINOR, 5040 CHANGES;
Being seven different extents. Tenor 7 cwt.

FRANCIS J. CUBBERLEY	*Treble*	ERNEST F. CUBBERLEY	4
HAROLD WILLETT	2	*ARTHUR JOPP	5
WILLIAM RANFORD	3	CHARLES J. CAMM	*Tenor*

Conducted by CHARLES J. CAMM.

* First peal of Minor 'inside.'

HERNE, KENT.
THE KENT COUNTY ASSOCIATION.
On Sat., Mar. 18, 1950, in 3 Hours and 14 Minutes,
AT THE CHURCH OF ST. MARTIN,
A PEAL OF KENT TREBLE BOB MINOR, 5040 CHANGES;
Being seven different extents. Tenor 16 cwt.

*C.P.O. W. P. HOLNESS	*Treble*	*GEOFFREY HADLOW	4
WILLIAM BOTTRILL	2	†THOMAS H. HOLMES	5
†CLARENCE E. HADLOW	3	†WILFRED S. PALIN	*Tenor*

Conducted by WILLIAM BOTTRILL.

* First peal. † First peal in the method. The only previous peal on these bells was Bob Minor in 1920, in which Clarence E. Hadlow also rang.

HOAR CROSS, STAFFORDSHIRE.
THE SOCIETY FOR THE ARCHDEACONRY OF STAFFORD.
On Sat., Mar. 18, 1950, in 3 Hours and 35 Minutes,
AT THE CHURCH OF THE HOLY ANGELS,
A PEAL OF MINOR, 5040 CHANGES;
Being two extents each of Plain Bob, Oxford Bob, and one extent each of Double Court, Kent Treble Bob and Oxford Treble Bob.
Tenor 29½ cwt.

NOREEN GRAIN	*Treble*	*TREVOR REYNOLDS	4
ALAN FOSTER	2	HOWARD HOWELL	5
MAURICE G. TURNER	3	BARNABAS G. KEY	*Tenor*

Conducted by BARNABAS G. KEY.

* First peal of Minor on tower bells. First in five methods for all except ringers of 5 and 6.

MARPLE, CHESHIRE.
THE CHESTER DIOCESAN GUILD.
On Sat., Mar. 18, 1950, in 2 Hours and 59 Minutes,
AT THE CHURCH OF ALL SAINTS,
A PEAL OF TREBLE BOB MINOR, 5040 CHANGES;
Being one extent of Capel Treble Bob, two each of Sandal and London Scholars' Pleasure Treble Bob, and one each of Kingston and Oxford Treble Bob. Tenor 15 cwt. (approx.).

FRANCES M. LAFLIN	*Treble*	ALEXANDER RICHARDSON	4
*DOROTHEA WAY	2	GEORGE ASHMORE	5
JAMES A. MILNER	3	C. KENNETH LEWIS	*Tenor*

Conducted by C. KENNETH LEWIS.

* First peal. A 21st birthday compliment to the ringer of the 2nd.

NEATH, GLAMORGANSHIRE.
THE LLANDAFF AND MONMOUTH DIOCESAN ASSOCIATION.
On Sat., Mar. 18, 1950, in 2 Hours and 43 Minutes,
AT THE CHURCH OF ST. THOMAS,
A PEAL OF MINOR, 5040 CHANGES;
Being three 720's of Kent Treble Bob and four 720's of Plain Bob.
Tenor 8 cwt.

*EDMUND MORRIS	*Treble*	ERNEST STITCH	4
*WYNDHAM LEWIS	2	GWYN I. LEWIS	5
EDWARD PHILLIPS	3	TREVOR M. RODERICK	*Tenor*

Conducted by GWYN I. LEWIS.

* First peal in two methods. Tenor ringer has now circled the tower.

NECTON, NORFOLK.
THE NORWICH DIOCESAN ASSOCIATION.
On Sat., Mar. 18, 1950, in 2 Hours and 52 Minutes,
AT THE CHURCH OF ALL SAINTS,
A PEAL OF MINOR, 5040 CHANGES;
Being seven extents in 13 methods: (1) College Bob and Reverse Bob, (2) Double and Single Court, (3) Plain and Double Bob, (4) Double Oxford and Single Oxford, (5) Plain Bob and St. Clement's, (6) Fulbeck and Canterbury Pleasure, and (7) Kent and Oxford Treble Bob; 62 changes of method. Tenor 12 cwt.

REV. A. G. G. THURLOW	*Treble*	NOLAN GOLDEN	4
*SIDNEY MARSHALL	2	*BERT GOGLE	5
*VINCENT R. OVENS	3	GEORGE SAYER	*Tenor*

Conducted by NOLAN GOLDEN.

* First peal in 13 methods and on the bells.

SILK WILLOUGHBY, LINCOLNSHIRE.
THE LINCOLN DIOCESAN GUILD.
On Sat., Mar. 18, 1950, in 2 Hours and 27 Minutes,
AT THE CHURCH OF ST. DENIS,
A PEAL OF PLAIN BOB MINOR, 5040 CHANGES;
Being seven 720's, each called differently. Tenor 8 cwt. 3 qr. 18 lb. in A.

JOAN WRIGHT	*Treble*	HENRY P. COLLIN	4
DENIS A. FRITH	2	*WALTER WESTON	5
*FRANK R. MITCHELL	3	JAMES H. MUSSON	*Tenor*

Conducted by JAMES H. MUSSON.

* First peal of Minor. A 10th wedding anniversary peal for the conductor and his wife.

WATERINGBURY, KENT.
THE KENT COUNTY ASSOCIATION.
On Mon., Mar. 20, 1950, in 2 Hours and 40 Minutes,
AT THE CHURCH OF ST. JOHN-THE-BAPTIST,
A PEAL OF MINOR, 5040 CHANGES;
Being two extents each of Oxford Bob and Reverse Canterbury and three of Plain Bob, each called differently. Tenor 8¾ cwt.

FREDK. E. MANSER	*Treble*	*ALBERT W. KELVIE	4
TOM SAUNDERS	2	*WILLIAM R. MANSER	5
LUTHER J. HONESS	3	*GEORGE F. CANTRILL	*Tenor*

Conducted by GEORGE F. CANTRILL.

* First peal in three methods 'inside.' First peal in three methods as conductor. First peal on the bells after rehanging.

WAREHORNE, KENT.
THE KENT COUNTY ASSOCIATION.
On Wed., Mar. 22, 1950, in 2 Hours and 42 Minutes,
AT THE CHURCH OF ST. MATTHEW,
A PEAL OF PLAIN BOB MINOR, 5040 CHANGES;
Being seven different 720's. Tenor 11 cwt.

THOMAS CULLINGWORTH	*Treble*	HILDRED S. WICKENS	4
ALBERT E. BEANEY	2	PETER D. HUCKSTEPP	5
*HUBERT D. DEACON	3	FREDK. G. HUCKSTEPP	*Tenor*

Conducted by PETER D. HUCKSTEPP.

* First peal.

OAKS-IN-CHARNWOOD, LEICESTERSHIRE.
THE LEICESTER DIOCESAN GUILD.
On Thurs., Mar. 23, 1950, in 2 Hours and 52 Minutes,
AT THE CHURCH OF ST. JAMES,
A PEAL OF MINOR, 5040 CHANGES;
Being one extent each of Cambridge, Kingston, London Scholars' Pleasure, Oxford, Kent, Plain Bob and Single Oxford. Tenor 10 cwt.

ERNEST H. BOWLEY	*Treble*	RICHARD MANTON	4
C. WILLIAM HALL	2	JAMES W. BOWLEY	5
JOHN A. UNDERWOOD	3	ROLAND BENISTON	*Tenor*

Conducted by ROLAND BENISTON.

A welcome to the Rev. Parker, the new Vicar, who was inducted on March 24th.

BOBBING, KENT.
THE SOCIETY OF ROYAL CUMBERLAND YOUTHS.
On Sat., Mar. 25, 1950, in 2 Hours and 50 Minutes,
AT THE CHURCH OF ST. BARTHOLOMEW,
A PEAL OF MINOR, 5040 CHANGES;
Being 720 each of Double Oxford, Oxford Bob, College Single Reverse, Canterbury Pleasure Reverse, Oxford Treble Bob, Plain Bob and Kent Treble Bob. Tenor 9½ cwt.

*PATRICIA SMEE ...	...*Treble*	FRANCIS J. CHEAL	4
*TREVOR A. CROSS ...	2	GEORGE KENWARD	5
BERT W. MAY	3	GEORGE A. NAYLOR ...	*Tenor*

Conducted by GEORGE A. NAYLOR.
* First peal in seven methods.

MULBARTON, NORFOLK.
THE NORWICH DIOCESAN ASSOCIATION.
On Sat., Mar. 25, 1950, in 2 Hours and 47 Minutes,
AT THE CHURCH OF ST. MARY MAGDALENE,
A PEAL OF MINOR, 5040 CHANGES;
Being 720 each of Double Oxford, Kent Treble Bob, Oxford Treble Bob, St. Clement's, and three 720's of Plain Bob. Tenor 8½ cwt.

*GORDON ELVIN ...	...*Treble*	†FRANK C. ARNOLD ...	4
*RONALD BURT	2	FRANK PEARSON	5
†CEDRIC F. PHILLIPPO ...	3	F. CHARLES GOODMAN ...	*Tenor*

Conducted by F. CHARLES GOODMAN.
* First peal in more than one method. † First in five Minor methods.

OLD WARDEN, BEDFORDSHIRE.
THE BEDFORDSHIRE ASSOCIATION.
On Sat., Mar. 25, 1950, in 2 Hours and 45 Minutes,
AT THE CHURCH OF ST. LEONARD,
A PEAL OF MINOR, 5040 CHANGES;
Being 720 each of Cambridge Surprise, Oxford and Kent Treble Bob, Double Oxford, Single Oxford, St. Clement's and Plain Bob.
Tenor 12 cwt.

MIRIAM PETTIT ...	...*Treble*	C. HENRY HARDING ...	4
*DAPHNE J. HARE	2	ANDREW C. SINFIELD ...	5
RONALD J. SHARP	3	LEWIS H. BYWATERS ...	*Tenor*

Conducted by LEWIS H. BYWATERS.
* First peal in seven methods.

WALKERN, HERTFORDSHIRE.
THE HERTFORD COUNTY ASSOCIATION.
On Sat., Mar. 25, 1950, in 2 Hours and 41 Minutes,
AT THE CHURCH OF ST. MARY,
A PEAL OF PLAIN BOB MINOR, 5040 CHANGES;
Being seven different extents. Tenor 6¼ cwt.

ERIC EDMONDSON ...	...*Treble*	*ANTHONY R. AGER ...	4
*JOHN M. KEMP	2	JOHN H. PHILLIPS ...	5
†DOROTHY H. JACKSON...	3	SYDNEY F. CARTER ...	*Tenor*

Conducted by SYDNEY F. CARTER.
* First peal. † First peal of Minor.

SHARESHILL, STAFFORDSHIRE.
THE SOCIETY FOR THE ARCHDEACONRY OF STAFFORD.
On Mon., Mar. 27, 1950, in 2 Hours and 36 Minutes,
AT THE CHURCH OF ST. MARY,
A PEAL OF PLAIN BOB MINOR, 5040 CHANGES;
Being seven extents, called differently Tenor 9 cwt.

ALAN ELSMORE ...	...*Treble*	ALBERT G. RICHARDS ...	4
ARTHUR G. NEWMAN ...	2	*MAURICE G. TURNER ...	5
J. NORMAN HADLEY ...	3	*HOWARD HOWELL ...	*Tenor*

Conducted by MAURICE G. TURNER.
* 50th peal together.

HANDBELL PEALS

HINCKLEY, LEICESTERSHIRE.
THE LEICESTER DIOCESAN GUILD.
On Wed., Mar. 15, 1950, in 1 Hour and 47 Minutes,
AT HOLYWELL STORES, LONDON ROAD,
A PEAL OF MINOR, 5040 CHANGES;
Consisting of four 720's of Kent and three 720's of Bob Minor.

ALFRED JORDAN	1-2	ALFRED BALLARD	3-4
EDGAR VALLANCE	5-6		

Conducted by ALFRED BALLARD.

HINCKLEY, LEICESTERSHIRE.
THE LEICESTER DIOCESAN GUILD.
On Thurs., Mar 16, 1950, in 2 Hours and 7 Minutes,
AT HOLYWELL STORES, LONDON ROAD,
A PEAL OF PLAIN BOB MAJOR, 5040 CHANGES;

ALFRED JORDAN	1-2	EDGAR VALLANCE	5-6
ALFRED BALLARD	3-4	ARTHUR RIDDINGTON ...	7-8

Composed by M. E. ATKINS. Conducted by ARTHUR RIDDINGTON.

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BOURNEMOUTH.
THE WINCHESTER AND PORTSMOUTH DIOCESAN GUILD.
On Sun., Mar. 19, 1950, *in* 2 *Hours and* 13 *Minutes,*
AT 26, WELLINGTON ROAD,
A PEAL OF PLAIN BOB MAJOR, 5088 CHANGES;
No. 151. Tenor size 17 in A.
JAMES E. DANIELS ... ... 1-2 | DANIEL T. MATKIN 5-6
MRS. F. J. MARSHALLSAY... 3-4 | MICHAEL J. E. BEST ... 7-8
Composed by M. J. MORRIS. Conducted by DANIEL T. MATKIN.
In memoriam Percy W. Brayshaw.

WALLASEY, CHESHIRE.
THE CHESTER DIOCESAN GUILD.
On Sun., Mar. 19, 1950, *in* 1 *Hour and* 52 *Minutes,*
AT 9, PONSONBY ROAD,
A PEAL OF MINOR, 5040 CHANGES;
Comprising one extent of Double Bob, two extents of Reverse Bob and four of Plain Bob. Tenor size 11 in G.
ALEX J. WEBSTER ... ... 1-2 | ERIC J. GILBERT 3-4
FRANK VARTY 5-6
Conducted by FRANK VARTY.
First peal in three methods 'in hand' for all. In honour of the birth of a daughter to the wife of the conductor.

BOURNEMOUTH.
THE SALISBURY DIOCESAN GUILD.
On Mon., Mar. 20, 1950, *in* 1 *Hour and* 34 *Minutes,*
AT 26, WELLINGTON ROAD,
A PEAL OF PLAIN BOB MINOR, 5040 CHANGES;
Being seven different extents. Tenor size 13 in E.
MICHAEL J. E. BEST ... ... 1-2 | DANIEL T. MATKIN 3-4
*JAMES E. DANIELS 5-6
Conducted by DANIEL T. MATKIN.
* First peal of Minor 'in hand.'

RISLEY, DERBYSHIRE.
THE DERBYSHIRE ASSOCIATION.
On Wed., Mar. 22, 1950, *in* 2 *Hours and* 5 *Minutes,*
AT 85, DERBY ROAD,
A PEAL OF PLAIN BOB MINOR, 5040 CHANGES;
Being seven different 720's. Tenor size 15 in C.
DENIS R. CARLISLE ... ... 1-2 | ALFRED MOULD 3-4
JACK BAILEY 5-6
Conducted by JACK BAILEY.
First handbell peal as conductor. First handbell peal of Minor by all the band.

HAMPSTEAD, LONDON.
THE UNIVERSITIES ASSOCIATION.
On Wed., Mar. 22, 1950, *in* 2 *Hours and* 17 *Minutes,*
AT 18, WESTBERE ROAD,
A PEAL OF PLAIN BOB MAJOR, 5056 CHANGES;
Tenor size 8 in C.
*RENATE BUCHTHAL ... ... 1-2 | RODNEY B. MEADOWS ... 5-6
E. MAURICE ATKINS ... 3-4 | †M. ELIZABETH ROE 7-8
Composed and Conducted by E. MAURICE ATKINS.
* First peal of Major. † First peal of Major 'in hand.'

ECKINGTON, DERBYSHIRE.
THE DERBYSHIRE ASSOCIATION.
(Sheffield and District Society.)
On Thurs., Mar. 23, 1950, *in* 2 *Hours and* 19 *Minutes,*
AT 13, PEVRIL ROAD,
A PEAL OF PLAIN BOB MAJOR, 5152 CHANGES;
Tenor size 14 in D.
WILFRED L. ROBINSON ... 1-2 | C. GORDON GRAHAM 5-6
GORDON C. BRIGGS ... ... 3-4 | BARRY COPE 7-8
Composed by JOHN REEVES. Conducted by GORDON C. BRIGGS.

BOURNEMOUTH.
THE WINCHESTER AND PORTSMOUTH DIOCESAN GUILD.
On Sun., Mar. 26, 1950, *in* 2 *Hours and* 12 *Minutes,*
AT 26, WELLINGTON ROAD,
A PEAL OF SPLICED MAJOR, 5000 CHANGES;
In ten methods, comprising 1,552 Plain Bob, 760 Little Bob, 400 each of Double, Reverse and Fulbeck; 384 Crayford College, 368 St. Clement's, 276 each of Gainsborough and Wellington Little Bob, and 184 Crayford Little Bob, with 335 changes of method.
Tenor size 17 in A.
WILLIAM G. YOUNG ... ... 1-2 | DANIEL T. MATKIN 5-6
MRS. F. J. MARSHALLSAY... 3-4 | ROY C. HURST 7-8
Composed by F. NOLAN GOLDEN. Conducted by DANIEL T. MATKIN.
First peal in ten methods by all and for the Guild.

ECKINGTON, DERBYSHIRE.
THE DERBYSHIRE ASSOCIATION.
(Sheffield and District Society.)
On Sun., Mar. 26, 1950, *in* 1 *Hour and* 30½ *Minutes,*
AT 13, PEVRIL ROAD,
A PEAL OF PLAIN BOB MINOR, 5040 CHANGES;
Being seven extents, called differently. Tenor size 13½ in E flat.
WILFRED L. ROBINSON ... 1-2 | *C. GORDON GRAHAM ... 3-4
GORDON C. BRIGGS 5-6
Conducted by GORDON C. BRIGGS.
* First peal on six handbells and of Bob Minor.

QUARTER PEALS

BIRCHINGTON, KENT. — At Waterloo Tower, Quex Park, on March 18th, 1,264 Plain Bob Major: J. Tumber 1, T. Milested 2, F. Gadsden 3, H. Luck 4, H. T. Wilson 5, B. J. Luck 6, A. Hinkley 7, J. Russell (first as cond.) 8. First of Major for 1, 2, 4, 7.—Also 1,440 Kent Treble Bob Minor: T. Milsted 1, H. T. Wilson 2, H. Luck 3, J. Russell 4, A. Hinkley 5, B. J. Luck (cond.) 6. First of Treble Bob for 1, 3, 4, 5.

BLUNSDON, WILTS.—On Mothering Sunday, 1,260 Plain Bob Minor: Miss W. Peake 1, J. Vincent 2, W. Trueman 3, Miss C. Smith 4, B. Bladon 5, A. Peake (first as cond.) 6. First in method for 1 and 4.

CARLISLE, CUMBERLAND.—On Mar. 20th at the Cathedral, 1,320 Plain Bob Doubles: Miss A. Bousfield 1, J. Ling 2, Lt. J. C. Gibbs, R.A. (cond.) 3, A. Forsythe 4, J. Butterfield 5, C. Lightning 6.

CHELFORD, CHESHIRE.—On Mar. 19th, 1,260 Grandsire Doubles: J. Lawrence 1, A. Worth 2, R. Barratt 3, E. Pimlott (cond.) 4, A. Street 5, H. Callwood 6. Rung half-muffled in memoriam to the Vicar's mother.

DONCASTER, YORKS.—At St. George's Church, on Mar. 19th, 1,260 Erin Triples: E. C. Stacey 1, Mrs. N. Wall 2, E. Baldwin 3, R. C. Westney 4, L. G. Webb 5, J. McCluckey 6, W. E. Critchley (cond.) 7, P. J. Dawe 8.

GREAT WYMONDLEY, HERTS.—On Mar 19th, 1,440 Surprise Major (720 Norwich and 720 Cambridge): W. F. Todd 1, G. Cherry 2, A. E. Symonds 3, E. W. Winters 4, W. J. Croft (cond.) 6.

HAGBOURNE, BERKS.—On Mar. 19th, 1,260 Grandsire Triples: A. Woodley 1, W. R. White (first 'inside') 2, B. L. J. Brown 3, J. P. Blond 4, J. Gordon (cond.) 5, G. W. Bishop 6, A. H. Webb 7, J. C. Napper 8.

HETHERSETT, NORFOLK.—On Mothering Sunday, 1,264 Plain Bob Major; Miss S. Barker 1, G. H. Moore 2, Miss E Bracey 3, D. Hall 4, R. Hickling 5, G. Elvin 6, R. Lofty 7, C. H. Moore (cond.) 8. First quarter by 1, 4 and 5.

HIGH LITTLETON, SOMERSET.—On Mar. 19th, 1,260 mixed Doubles (660 Grandsire and 600 Plain Bob): Mrs. E. Ford 1, Mrs. J. Naish 2, Mrs. T. W. Kimber 2, J. Naish 4, W. J. Gait (cond.) 5, J. Brooks 6. A farewell to the Rev. J. E. E. Tunstall on leaving to take up the living of Doulting, Somerset.

HUGHENDEN, BUCKS.—On Mar. 19th, 1,280 London Surprise Major: J. D. Kape 1, R. Biggs (first in method as cond.) 2, A. R. Blaby 3, E. Timpson 4, A. E. Cox 5, F. D. Boreham 6, P. Newton 7, W. Lee 8. First quarter in method for 1, 3, 4, 5 and 8.

INTWOOD, NORFOLK.—On Mar. 19th, 1,260 Doubles (720 Plain Bob, 420 Grandsire, 120 St. Simon's): R. Crane (first quarter) 1, F. C. Goodman (cond.) 2, H. J. Hall 3, F. C. Arnold 4, C. F. Phillippo 5.

KENSINGTON, LONDON.—On Mar. 19th, at St. Mary Abbot's, 1,299 Stedman Caters: Mrs. O. L. Rogers 1, R. Joyce Pett 2, A. B. Wiffen 3, S. Croft 4, H. J. Ranzetta 5, E. Dodds 6, N. J. Hollingworth 7, F. D. Bishop 8, H. W. Rogers (cond.) 9, E. C. Hynard 10.

LEATHERHEAD, SURREY.—On Mar. 19th, 1,260 Plain Bob Royal: J. D. Williams (first quarter) 1, A. Winch 2, E. Coward 3, G. Marriner 4, H. V. Young 5, G. Peters 6, C. Smart 7, B. Hawkins 8, A. Harman 9, W. G. Newberry (longest touch of Royal as conductor) 10.

NORTH OCKENDON, ESSEX.—On Mar. 18th, 1,260 Doubles (480 of Plain Bob and 780 Grandsire): B. C. Hines 1, F. V. Gant (cond.) 2, G. Richardson 3, A. Salisbury 4, A. R. Chapman 5, W. J. Carter 6. A wedding compliment to Miss P. Goodchild and H. J. Alderman, a member of the local band.

NORTON, HERTS.—On Mar. 19th, 1,264 Plain Bob Major: F. Putwain 1, Miss M. Ashdown (first of Major) 2, S. Bonnett 3, W. A. Collins 4, D. E. Shepherd (first inside') 5, J. S. Dear 6, H. E. Werrett 7, R. V. Wegg (cond.) 8.

NOTTINGHAM.—At St. Mary's, on Mar. 19th, 1,260 Grandsire Triples: Miss Joan Hoodless (first quarter) 1, C. Barnes 2, H. Parframent 3, C. Glenn 4, R. Hardy 5, J. Wiseman 6, W. Nichols (cond.) 7, A. E. Hoodless 8.

PAINSWICK, GLOS.—At St. Mary's on Mar. 19th, 1,260 Grandsire Triples: R. A. Morris 1, S. G. Gulding (cond.)) 2, K. Lewis 3, W. Staite 4, R. Watt 5, B. Meadow 6, D. Jones 7, C. D. Launder 8. First of Triples 1 and 3.

PEVENSEY, SUSSEX.—On Mar. 18th, 1,440 Plain Bob Minor: E. B. Willard 1, Rev. P. J. Boulsover 2, E. Breed 3, C. Verdon 4, E. G. D. Tonkin (cond.) 5, C. J. Piner 6. In honour of the wedding of Miss J. E. G. Hicks and Mr. G. Oaks.

BRISTOL.—SS. Philip and Jacob's, on Mar. 23rd, 1,248 London Surprise Major: L. C. C. Warren 1, Mrs. E. J. Brown 2, Miss B. Jordan 3, Miss A. Brown 4, W. Rawlings 5. E. J. Brown (cond.) 6, A. E. Reeves 7, R. C. Seager 8. First quarter of London for 2 and 5.

CHELFORD, CHESHIRE.—On Mar. 21st, 1,260 Grandsire Doubles: A. Worth 1, A. Campbell 2, E. Pimlott 3, H. Callwood (first quarter 'inside') 4, A. Street (first as cond.) 5, R. Barratt 6. A birthday compliment to the conductor.

CHINNOR, OXON.—On Mar. 25th, 1,260 Grandsire Doubles· Miss D. Jones 1, H. Badger 2, Mrs. L. Arnott 3, R. Arnott 4, H. C. Jones (cond.) 5, V. Holloway 6. First quarter by 3 and 4.

DEVIZES, WILTS.—At St. James', on Mar. 21st, 1,260 Grandsire Doubles: A. T. Weeks 1, D. Lee 2, P. Harding 3, F. Slatford 4, J. S. Weeks (cond.) 5, L. Hitchins 6. Rung half-muffled for the Rev. H. E. Tilney Bassett.

EYTHORNE, KENT.—On Mar. 25th, 1,260 Grandsire Doubles: Mrs. H. George 1, E. J. Walker 2, C. Turner (cond.) 3, E. T. Ellender 4, Willis Brooks 5. For wedding of Leonard Thatcher and Cynthia Mudford.

GREAT BADDOW, ESSEX.—On Mar. 26th, 1,260 Stedman Triples: E. W. Furbank 1, G. Green 2, P. J. Eves 3, P. Green 4, P. J. Spencer-Phillips 5, H. Carter 6, P. T. Spencer-Phillips (cond.) 7, L. Ainger 8.

HEMINGFORD ABBOTS, HUNTS.—On Mar. 26th, 720 Cambridge, 360 Kent Treble Bob, 240 Oxford Treble Bob and 240 Plain Bob: F. L. Nicholls 1, G. L. Perkins 2, F. Warrington (cond.) 3, S. Gilbert 4, H. Dunnington 5, M. Ginn 6.

QUARTER PEALS

HORNCHURCH, ESSEX.—On Mar. 26th, 1,280 Kent Treble Bob Major: A. Salisbury 1, C. E. Wright 2, J. Carrott 3, S. J. Penfold 4, J. G. Macdougal 5, A. R. Chapman 6, T. East 1, F. V. Gant (cond.) 8. First of Treble Bob for 1 and 6.

HUGHENDEN, BUCKS.—On Mar. 26th, 1,264 Plain Bob Major: N. Cornwall 1, J. D. Kape 2, I. S. Biggs 3, A. Biggs 4, A. E. Cox 5, A. R. Blaby 6, E. Timpson 7, F. D. Boreham (cond.) 8. First quarter in method for 1 and 3.

IFFLEY, OXFORD.—On Mar. 26th, 1,260 Doubles (120 each of Reverse Canterbury, Clifford's Pleasure, Southrepps Pleasure, St. Culum, Bob Doubles, April Day, Old Doubles, Norfolk, Kennington and 180 Grandsire): L. Busby 1, T. Bowles (first 'inside') 2, J. Adams (cond.) 3, D. Woodley 4, W. Fern 5, G. Webb 6. First quarter in ten methods by all the band.

KENSINGTON, LONDON.—On Mar. 26th, at the Church of St. Mary Abbots, 1,275 Stedman Caters: W. S. Langdon 1, M. V. Chilcott (cond.) 2, J. H. Allsop 3, P. A. F. Chalk 4, J. W. Stephenson 5, A. B. Wiffen 6, J. Phillips 7, A. W. J. Appleton 8, J. E. Chilcott 9, H. M. Page. A birthday compliment to A. B. Wiffen.

KINGSTON-ON-THAMES, SURREY. — On Mar. 12, 1,280 Cambridge Surprise Major: Miss J. E. Askew (first quarter of Surprise) 1, Miss R. J. Pett (first of Surprise major 'inside') 2, Miss S. E. Harris 3, Mrs. O. L. Rodgers 4, Mrs. K. Parr 5, E. Dodds (first of Surprise Major 'inside') 6, S. Croft 7, H. W. Rodgers (cond.) 8.

SANDY, BEDS.—On Mar. 21st, 1,262 Minor (326 Oxford Treble Bob, 216 Spliced Kent Treble Bob and Oxford Kent Treble Bob, and 720 Kent Treble Bob): J. Daniels 1, H. Gurney 2, C. Blain 3, D. Munns 4, Miss J. Ashton (first quarter of Treble Bob as cond.) 5, C. J. Ball 6. First quarter of Treble Bob for 1 and 2. First quarter of Treble Bob 'inside' for 3 and 4. Rung half-muffled in memory of Sir Frederick Liddell.

SWINDON, WILTS.—On Mar. 21st, at Christ Church, 1,260 Grandsire Doubles: J. Summers (age 14, first quarter) 1, Miss M. E. Richards (cond.) 2, Miss H. J. Hollaway (first quarter 'inside') 3, F. J. Wilton 4, Miss M. J. Daniell 6.

WALPOLE ST. ANDREW, CAMBS.—On Mar. 21st, 1,440 Plain Bob: Miss D. Wiskin 1, Stanley Harpley 2, W. J. Hammond 3, J. E. Fox (cond.) 4, R. Wiskin 5, R. Reed 6.

WELLS, SOMERSET.—On Mar. 25th, 1,232 Double Norwich Court Bob Major: V. Savage 1, G. Clare 2, J. T. Dyke (cond.) 3, D. Hoare 4, J Targell 5, E. H. Nash 6, R. G. Beck 7 E. J. Chivers 8. Longest length of Double Norwich for 5 and 6.

WEST WICKHAM, KENT.—On Mar. 19th, 1,320 Doubles (four six-scores and Plain Bob, three of St. Simon's, two of Reverse Canterbury and one each of April Day and Grandsire): John Cannell 1, Barbara Mitchell 2, L. W. G. Skinner (first as cond.) 3, Wilfred Hollamby (first in five methods) 4, Arthur S. Richards 5, Anne Holmes 6.

WHISTON, YORKS.—On March 13th, 1,344 Bob Major: P. Langley (age 12, first quarter) 1, Miss C. Edmondson (first 'inside,' age 15) 2, S. Wright (age 15, first 'inside') 3, Miss S. Bampton (age 15) 4, W. Robinson (age 16) 5, T. Cutts 6, J. Curwen (age 16), 7, N. Chaddock (cond.) 8.

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LOUGHBOROUGH

The LEADING BELL FOUNDERS

'THE RINGING WORLD'

The Official Journal of the Central Council of Church Bell Ringers

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EDITOR: T. W. WHITE.

'The Ringing World' is now taking postal subscribers for the new quarter starting April 7th. Remittances: 20s. 12 months, 10s. 6d. six months, 5s. 6d. three months, to Mrs. Fletcher, The White House, Caister-on-Sea, Norfolk. Quarterly subscribers are reminded that their subscriptions are now due.

BELFRY GOSSIP

Mr. Raymond H. Idle, an enthusiastic member of the Peterborough Guild, left for two years' farming training in New Zealand on March 31st. As a farewell, a peal of Stedman Triples was attempted at Rothwell, Northamptonshire, with Mr. Idle as conductor, but it was lost half-way owing to a shift course. Various ringing followed on the tower bells and on handbells, all forming a suitable farewell to Mr. Idle, who left with all good wishes.

Mr. Percy Massam has completed the circle of Rothwell, Yorks, tower; Mr. E. J. Ladd, Withyham, Sussex.

Worthy of note was the peal of Grandsire Triples at Northowram, Yorks. It was the first of Grandsire Triples by all except the treble ringer.

Miss Gillian A. Smith, of the Cambridge University Guild, has a warm compliment paid to ner in our correspondents' column for her ringing in her first Surprise peal.

The Society of Roving Ringers are planning to go to Lincolnshire and Yorkshire for their tour this year, with excursions into neighbouring counties.

We understand that a peal attempt—of Stedman Cinques—will be made at Exeter Cathedral towards the end of the month. It is being promoted by Bristol area ringers who are members of the Ancient Society of College Youths.

A letter addressed to 'A. H. Pulling, Campanologist, Guildford,' was delivered by the Guildford Post Office without delay, although he has removed fairly recently from his domicile at Guildford Grammar School. In a town of 50,000 people this is good work. There are few ringers who would care to have their letters so addressed and expect a normal delivery.

The Rev. F. Llewellyn Edwards, of Kington Magna, Dorset, is retiring on May 13th from the post of hon. secretary of the Salisbury Diocesan Guild. He has held this office for 37 years. The Guild Festival at Trowbridge this year will in consequence be an historic occasion.

Quarterly subscribers are reminded that subscriptions are overdue. Send 5s. 6d. forthwith to Mrs. Fletcher, The White House, Caister-on-Sea, Norfolk.

In connection with the peal of Rochester Surprise Royal at Leeds on February 18th, the ringer of the second was James Fernley and not William Fernley as printed.

In connection with the annual meeting of the Bath and Wells Diocesan Association at Taunton, on Easter Monday, tea as well as lunch will be provided.

Last Saturday was a memorable day at Speldhurst, Kent, when two local ringers—Mr. Anthony Turley and Miss Evelyn Hyman—were married.

Ringers in the Bournemouth area will regret to hear of the death of the Rev. C. A. Phillips, who for 48 years was hon. secretary of the Wimborne Branch of the Salisbury Diocesan Guild. A memoir will appear in our next issue.

The bells of Whitby, Yorks, were recast by Messrs. John Taylor and Co., on February 15th, the cost being met by a gift of £2,000 from Mr. and Mrs. Shaw Jeffrey, of Bagdale Old Hall, Whitby. We commend to our readers a booklet on this church containing two sermons preached by the Rector (the Rev. Norman A. Vesey), of special interest to the ringing fraternity. The booklets are obtainable from Messrs. Horne and Son, Ltd., Bridge Street, Whitby, price 6d. post free.

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DEATH OF MR. CYRIL F. JOHNSTON, O.B.E.

MEMORABLE INCIDENTS IN A BUSY LIFE RECALLED

We regret to record the passing of Mr. Cyril F. Johnston, O.B.E., of Croham Valley Road, South Croydon, which occurred with tragic suddenness on Thursday, March 30th. Mr. Johnston collapsed at a London railway station, where he was waiting to welcome home his wife who had been spending a holiday in Austria. He was taken to Westminster Hospital; there he was found to be dead.

In recent years Mr. Johnston had been a victim of arthritis. In August, 1948, he retired from the board of Messrs. Gillett and Johnston, Ltd., breaking an active partnership with the firm which extended over 40 years. It was while he was serving with the Grenadier Guards in France in 1916 that his father died. Mr. Cyril Johnston was 65 years of age.

The development of the bell foundry side of Messrs. Gillett and Johnston's business was largely due to his initiative. As a young man barely out of his teens, Mr. Johnston decided to master the principles of scientific tuning introduced by the late Canon Simpson and to incorporate his own ideas of tuning. The first big contract that he landed was Wimborne Minster, and from this beginning started a large business which included about 50 carillons in all parts of the world. Mr. Johnston was unsparing in his work; the tuning of the bells he regarded as his special responsibility.

NOTED CARILLONS

Two of the largest carillons with which he was associated were provided through the munificence of John D. Rockefeller, jun., who made a personal visit to the Croydon works. The first was at Riverside Drive Church, New York, and contained 72 bells in a tower 400ft. high, with ascent by four elevators. Here the big bass bell weighs 18½ tons. The sister carillon in the chapel of Chicago University has also 72 bells with a bass bell of 17 tons in C.

Another carillon with which he was associated was that in the Houses of Parliament at Ottawa. This comprises 53 bells, with the largest weighing 10 tons, and they were installed in 1927 to mark the 60th anniversary of the Confederation of the Canadian provinces. At the inaugural ceremony a squadron of 12 American planes, led by Col. Lindberg, attended, and one of the planes crashed. From the new carillon, Lefeve, the celebrated carillonneur, played the Funeral March at the burial of the dead airman.

Another famous carillon with which Mr. Johnston was associated was that for the Wellington War Memorial, New Zealand, in 1930. Before being taken overseas, these bells were installed in Hyde Park, and it was one of the features of London that summer to hear the recital given by Clifford Ball, of Bournville.

ROYALTY AT CROYDON.

It was the privilege of Mr. Johnston to entertain royalty at his works on a number of occasions. Most memorable was the day in May, 1925, when King George V. and Queen Mary visited the Croydon works and saw a number of bells cast, including a ring for Great Haseley, Oxfordshire, and a bell for Buckingham Palace. After the royal visit the works were open to the general public, and the firm had some 10,000 visitors that day. Other royal visits include those of Princess Beatrice to see Carisbrooke bells cast, the Duke of Connaught and the Duke of Kent.

Mr. Johnston was noted throughout the Exercise for his hospitality. Many of our readers will recall the three mammoth tea parties he gave to bellringers, the most outstanding of which was that in 1932, which was attended by a company of 2,300. For the occasion he recruited 70 of the prettiest girls in Croydon to act as hostesses and talk glibly in ringing parlance to the amusement of the company.

A PRACTICAL RINGER

Mr. Johnston was a practical ringer, having been taught by the late Dr. Carpenter. He was elected to the Central Council as a representative of the Surrey Association in 1898 and served until 1911, and again as their representative from 1914 to 1932. Afterwards hon. membership was conferred upon him, and he was a member at the time of his death. In 1905 he was appointed hon. assistant secretary of the Surrey Association, a post he held until 1921, when he assumed the hon. secretaryship and, despite a busy life, held office until 1925.

In all Mr. Johnston rang 32 peals, his first being at Croydon Parish Church on May 16th, 1905. Among his peals was one of Grandsire Caters at Croydon on July 9th, rung by serving officers in the First World War. Another interesting peal was that of Stedman Triples at St. Giles-in-the-Fields on February 7th, 1925, in which all the participants were 6ft. in height or over. At Edenbridge, Kent, he took part in a peal by members of his own firm, which was called by Mr. W. G. Smith. He was a member of the Ancient Society of College Youths and a number of territorial Associations.

In the First World War he served with the Grenadier Guards and saw service in France He continued his association with the regiment, and in the last war commanded a Works Home Guard Company, for which he was able to procure the services of Guards instructors from Wellington Barracks.

Mr. Johnston was a liveryman of the Worshipful Company of Clockmakers, and in 1944, the year of the centenary of his firm, was elected Master. On that occasion the Right Hon. Oliver Lyttelton, who was his adjutant in France, was his principal guest. Mr. Johnston was also Master in 1945. He was also a liveryman of the Worshipful Company of Musicians, being a good pianist and singer, and also chairman of the Horological Institute from 1921-24.

About 18 months ago, while he was on holiday in Switzerland, he received the news that he had been appointed an officer of the Order of the British Empire 'for work done in development of the art of bell founding and tuning in this country.'

The sympathy of his many friends is extended to his widow, his son, who is at Winchester, and his daughter.

The funeral service was at Croydon Parish Church on Monday.

MIDDLESEX COUNTY ASSN.

VETERANS HONOURED.

The ninth annual supper of the South and West District, held at the Church Hall, Heston, on March 18th, was a great success, the attendance being considerably greater than last year.

An excellent meal had been prepared, at which the Vicar of Heston, Preb. F. W. Ferraro, presided, supported by Messrs. Gurney and Aysford (churchwardens of Heston) and the officers of the South and West District.

After the loyal toast, the chairman asked for glasses to be raised in honour of Mr. E. R. Gladman and Mr. A. Harding, who happily were there that evening, they having loyally served the Association for over fifty years. A similar honour was accorded Mr. C. S. Bird and Mr. H. C. Chandler, each being founder members of the Association, who unfortunately were unable to be present owing to ill-health.

The social which followed will long be remembered for its gaiety, both young and not so young having a go at everything in the true family spirit, which has always been a feature of the district.

Special mention must be made of Frank Price for his work at the piano and the other youngsters for a bit of fiddling and tune ringing on the handbells. Altogether a very fine evening's enjoyment, was the verdict.

F. A. F.

Irish Association

EASTERN DISTRICT ANNUAL MEETING.

The annual meeting of the Eastern District was held in Arklow on St. Patrick's Day, March 17th, and was attended by 48 members from Arklow, Bray, Drogheda and Dublin, as well as the president, Mr. William Pratt.

The first competition for the Gabriel Lindoff silver challenge cup for good striking was held on the bells at St. Saviour's Church, with Messrs. W. Pratt and T. McGowan as judges. They awarded the cup to Bray with sixteen faults, defeating Drogheda with twenty faults. Bray thus secured the honour of meeting the winners of the Northern and Southern Districts for the Murphy cup.

Lunch was taken in the Malborough Hall, presided over by the Rector, Rev. Wm Carroll, M.A., himself a practical ringer. The Arklow Society kindly entertained the meeting to lunch and tea.

The business meeting was presided over also by the Rector, in the absence of the district chairman, Mr. Daniel Kennedy.

At the meeting the president presented the Lindoff cup to Miss A. C. Dukes, the only lady ringer in the Bray team. Bray was also presented with the attendance shield, per Mr. R. Corson, which they won for 1949 with 100 per cent. bells rung for Sunday services.

The election of district officers resulted as follows: District chairman, Mr. R. Corson, Bray; district treasurer, Mr. J. F. Fennell, Bray; district secretary, Fred E. Dukes, Jenkinstown, Dundalk. Representatives on executive committee: Messrs. S. J. Evans (vice-president), W. Lynch, F. Simpson and Miss A. C. Dukes.

The next annual meeting is to be held at Bray, when it is hoped that Messrs. J. Taylor will have completed the restoration of this fine ring of eight bells, tenor 28 cwt. It is interesting to recall that, due to a subscription of £50 from the Rt. Hon. William Gladstone, a fund was opened to put a ring of bells in the fine tower of Christ Church, Bray, in 1880. An interim meeting is to be held at Blessington, where there is a ring of six bells by T. Bartlett, 1682.

During the morning and afternoon the bells of St. Saviour's Church, made famous by Mr. J. W. Washbrook and his family, were put to good use when touches of Grandsire Doubles and Triples and Plain Bob were rung. Handbells were also available when Grandsire Doubles and Plain Bob Minor were demonstrated.

In the secretary's report references were made to the historic visit to Drogheda in particular and Ireland in general of the band of ringers from Leicester, led by Mr. Harold J. Poole, and to the peals rung. Four out of the thirty peals rung for the Association in 1949 were rung in the district, and in addition one for the Leicester Guild to commemorate the first peal on Arklow bells by Midland Counties Association 50 years previously.

FATHERS' AND DAUGHTERS' PEALS.

Dear Sir,—Re footnote to fathers' and daughters' peal at Selly Oak on March 3rd, on December 10th, 1932, at Walkden, four fathers and their four daughters rang a peal. On December 16th, 1933, at Manchester Cathedral, five fathers and their five daughters also rang a peal.

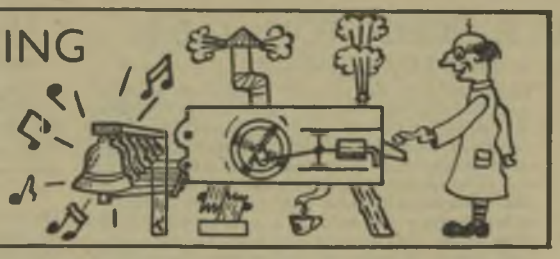
It was one of the late Rupert Richardson's ambitions to ring a peal by six of each. Some preliminary arrangements were made at Norwich when the C.C. met there.

PETER CROOK.

Bolton, Lancs.

CHANGE-RINGING MACHINES

By B. D. Price.



(Continued from page 203.)

About April, 1938, Mr. Woodhouse finished No. 8 machine. At the suggestion of Mr. A. G. Driver (now deceased) it was made to splice methods. 'This has a double panel, the centre row of pegs (which store the method) is the lead head, on each side are 16 rows of pegs.' When the machine is ringing one method, the panel moves so that only 16 rows on one side, plus the centre row, are in use. When a button is pressed for change of method, the panel keeps on moving across the centre row and the method set on the other half of the panel is used. Then while this is in progress, the side out of use may be reset quickly for a new method. In this machine a new way of pegging the method was tried out. Instead of pegging for swops needed, the pegging is made for places, which by ingenious selective mechanism converts these into the normal swops for feeding to the bellplates. Mr. Woodhouse claims that this device eases considerably the task of setting a method. If nothing is set on a row, the four pairs of bells 1×2, 3×4, 5×6, 7×8 will swop automatically. Also, the pegging panel is like a vast pushbutton wireless panel. These buttons are pressed and stay in. To wipe out the setting of a row a lever is pressed at the side. Thus the setting may be rapidly changed. Labelling the buttons in any row 1 to 8, excluding 6 as there is no button for 6ths place, their effect is shown in the following table. Remember that if no buttons are pressed, preselectors 1×2, 3×4, 5×6, 7×8 will act.

Button pressed	Preselectors OFF	ON
1	1×2 3×4	2×3 4×5
2	1×2	
3	3×4	4×5
4	4×5	
5	5×6	
7	7×8	
8	5×6 7×8	6×7

There is no button 6. The numbers on the buttons correspond more or less with the places made. When 3 and 4 are pressed together the 4×5 preselector is in the off position. This arrangement of the buttons seems very empirical, but apparently it is simple to arrange.

A diagram drawn by this machine is very good indeed, and I have seen a diagram of spliced Whittlesey, Richmond, St. Clement's, Windsor, Halifax, Plain Bob and Double Coslany Court Major. In 1947 I spliced Bristol and Double Norwich on the machine with ease. The two methods are set on the two sides of the sliding panel, and pressing a button changes over the method at the lead-head. In 1948 Mr. Woodhouse revised the diagram drawing mechanism, and it now draws a smaller diagram, the effect of which is more pleasing to the eye. Another novel feature of the machine is the automatic reversing of the control panel. Only half a lead is set, and the panel reverses at the half-lead according to whether one of the buttons has been set or not. Thus when half the lead is set, the last row has an extra button pressed which reverses the panel at this row. The panel also reverses at the lead-head row unless one has actuated the splicing button, in which case the panel continues into the other method. Then, while the other method is being rung, the first method may be rapidly reset for yet another method. In former machines one had to change a gear wheel if the length of lead had to be altered.

Mr. Woodhouse reckons that the chief advances he has made are:—

1. Selection scheme just mentioned for setting the places.
2. Sliding panel with half-lead only, self-reversing.
3. Altering lead-length by button on the panel.

In 1949 Mr. Woodhouse built a ninth machine for ringing up to twelve bells, primarily for executing diagrams of the collection of Royal and Maximus methods of Mr. Corrigan. It is more or less an extension to twelve bells of the No. 8 machine. All other machines of his have been for ringing eight bells.

None of his machines have remained power driven. Mr. Woodhouse sticks to the primitive handle as being foolproof and independent of electricity. The current for ringing the bells is provided by accumulators. He has experimented with the use of transformed A.C. current of low voltage, but gave it up as the magnets 'dithered' and there was bad sparking at the wiper arm contact. Experiments with condensers to eliminate sparking did not meet with success.

WOODHOUSE'S MACHINES. BELLPLATE MOVEMENT.

We have seen that Carter chose to move his bellplates slowly and in a staggered fashion. All Mr. Woodhouse's machines have a rapid movement of the bellplates with consequent simplicity of the control mechanism.

Let us consider the principles underlying this system of 'all moving together.' The mechanism for moving the bellplates (whether rods, cams, gears, electromagnets, etc.) must have certain properties:—

1. It must be capable of rapid, decisive movement.
2. It must move the bellplates accurately, within reasonable limits of length displacements.
3. It must by some means be capable of being brought into action when needed, or left inactive according to the way the bellplate is to move.

Now, the movement is to take place rapidly. It must also be selected, i.e., only those needed to move the bells desired for the next change must be brought into action. We have thus the following scheme:—

a. While a change is being struck the bellplates are stationary. But already a selection mechanism is in operation for preparing the bellplates to be moved.
b. When the change has been struck, the bellplates suddenly move.
c. The action is restored to normal for the next selection.

Note that when a change is being struck there is plenty of time for the selection apparatus to work.

Now refer to Figs. 11 and 12 ('Ringing World' for March 17th, page 171). Here we have compared two ways of moving the bellplates, invented by Mr. Woodhouse. That in Fig. 11 is the earlier one, while that in Fig. 12 was used on machines 7 and 8. Of the two earlier, one is stated to be the more reliable.

Both Figs. 11 and 12 are side views. In both figures are the following features. A is the bellplate moving lengthways to left or right. There are eight of these, one for each bell, side by side. One end runs on the eight contacts B which deliver the current from the rotary contact arm. Each bellplate is shown in 4ths place (resting on the fourth contact). The spring brass contact C serves both to carry the current to the bell and to collimate the bellplate so that it assumes one of the eight positions exactly. The contacts on the right-hand side of the bellplate are insulated from the rest of the bellplate. (This is, of course, necessary, but not shown in either figure.)

Over each bellplate are two long rods, one shown at D. These rods are attached to levers E (only the upper end of one shown), which by means of rotating cams impart movement to the rods. When the time comes for the bellplates to move, the pair of rods over each bellplate move in opposite directions. One rod can make the bellplate under it hunt up, the other to hunt down. Originally they were driven by the same cam, but Mr. Woodhouse found that this made the diagram drawing suffer as the movements for hunting up and down differed slightly. This was corrected by having individual cams for the sets of rods for hunting up and down.

These rods D do not normally move the bellplate at all. They are brought into action by strips F, seven in number, which run at right angles to the bellplates and serve all eight of them. They are capable of rising about half an inch, and the seven correspond to the seven swops 1×2 to 7×8, and cause the corresponding pairs of bells to change places. These strips F are worked more or less directly from the panel which stores the swops to be made. The mechanism to do this is not complex, and will not be described. It is obvious that the right sequence of swops to be made must be fed from panel to these strips F.

The strips F rise to preselect the bellplates to be moved, and then drop back so that they do not foul the moving parts when the actual movement takes place. In Fig. 11 we have the first method adopted. The inset of Fig. 11 is a detail of the mechanism seen looking along the bellplate. The two pins G G are really behind one another as well as over consecutive strips F. The right-hand one has a similar mechanism and works the other rod behind D, not shown.

When the strip under the pin G rises, the pin is pushed up and causes the catch H to pivot and allow the rod D to drop, as the rod was formerly resting on the catch. When the rod drops, a projection J on it engages with one set of ridges K on the bellplate. All this happens with the bellplate stationary. When the lever E moves, the bellplate will be pushed one place to the left by means of J and K engaging. The rod L (seen end on) then rises and lifts all the rods D that had dropped to their original positions, and the rods D slide back for the next stroke. When any F rises, it will, of course, actuate two bellplates and these will change places.

In Fig. 12 we see the later method. The rod D has seven teeth of rod brazed on to it. These teeth are horizontal, seen in perspective in the figure. The rods D, unlike those in Fig. 11, have a more complex movement provided by two cams as before. When the strips F rise, they lift curious catches MM. These are staggered behind one another and only the left-hand one will engage with the rod D shown. When the catch M is lifted, the rod D moves a little to the left so that one of the wire prongs on D engages with the slot on the catch. Thus the catch is held up, and when the strip F drops again the catch remains engaged. This is the essential act of preselection. The rod D then moves again to the left and so the bellplate is

(Continued next page.)

RINGING MACHINES—continued.

moved. This movement must not take place while F is raised as the other catch M on the bellplate would foul F. When the rod D returns to its ready position again the catch M drops as nothing remains to hold it up. These catches M slide in square cups and have square shanks so that they cannot turn. It will be seen that this movement needs greater critical accuracy than the earlier one, probably the reason why it is not so reliable.

In Fig. 11 the bellplate runs on rollers. The right-hand roller carries the current to the bellplate, and Mr. Woodhouse found that the roller sparked badly. He therefore adopted sliding contacts for later models.

METHOD STORAGE AND CALLS.

An essential part of any ringing machine is that part which stores the method being rung. Some assembly of switches or levers, etc., must be capable of being set so that the machine may ring any desired method. In Carter's machine, the control boxes, in conjunction with the control drums, perform this function. In Mr. Ernest Morris' monumental work, 'The History and Art of Change Ringing,' facing page 549 (1931 edition) there is an illustration of the Carter machine with its maker. The control boxes are on the extreme right and the rods on which they slide may be clearly seen. The control drum on the near side of the machine is left centre, the pairs of sliding rods which are set for the method appearing as bars. Three gear wheels can be seen in the centre. The middle one revolves once per change and is on the shaft that carries the eccentric cams in Fig. 8. The left-hand gear wheel revolves once per whole pull, and at the other end of its shaft is the distributor arm which sends the current to the bells. The right-hand gear wheel, also revolving once per two changes, is on the same shaft as the squirrelcage in Fig. 8, and in front of it appearing black is the cam that causes the near control box to rise and fall. Behind the gear wheels may be seen the lever system which connects the control drum to its control box. A noteworthy feature of the machine is its fantastic capabilities. As each control drum has 48 sliding rods, methods with up to 96 changes in the lead can be rung on the machine. It is interesting to note that Champion Maximus, a method Carter himself constructed, is possibly the only method ever rung with such a long lead. Probably Carter had this in mind when he constructed the control system. In Champion the treble has a three-pull dodge in each position.

Mr. Woodhouse has adopted several ways of storing methods in his machine. No. 4 had a fibre barrel revolving. Pegs were inserted in holes in the barrel which pressed down on levers governing the pairs of bells swopping. The barrel was revolved a small amount at each change to bring into action a new row of pegs. A system of cams and gears provided the movement to the barrel for leads of varying length. No. 7 had a sliding panel in the lower part of the machine. It had rows of brass pegs which could be lifted so as to be vertical. In this position they actuated the swopping mechanism. The panel was pushed along by a ratchet at each change, and when the half-lead was rung a pin inserted at the half-lead worked a reversing mechanism which then pushed the panel one step at a time back again. Thus it was only necessary to set half the lead of the method. All methods or principles rung to-day are symmetrical, even though they are not constructed in leads, though the panel may need to commence its movement at different points.

In No. 8 machine a similar mechanism reverses the panel. The photograph of Mr. Woodhouse with his machine ('Ringing World,' March 31st, p. 203), taken by the 'Westmorland Gazette' (by whose permission it is reproduced), shows the panel of press buttons immediately in front of him. The whole panel of push buttons slides along its length and two methods may be spliced as described earlier.

In all machines that have been made, each individual lever, pin or plunger on the control causes a pair of bells to change places when brought into action. (The setting for places on No. 8 machine has to be construed into swops by the machine in this way.) In order to make the scheme quite clear, here is the setting of a panel for Bristol Surprise:—

Changes	Panel
1 2 3 4 5 6 7 8	o o o
2 1 4 3 6 5 8 7	o o o o
1 2 3 4 6 8 5 7	o o o
2 1 4 3 8 6 7 5	o o o o
2 4 1 3 6 8 5 7	o o o
4 2 3 1 6 5 8 7	o o o
2 4 1 3 5 6 7 8	o o o o
4 2 3 1 5 7 6 8	o o o
2 4 3 5 1 7 8 6	o o o
2 3 4 5 7 1 6 8	o o o
3 2 5 4 1 7 8 6	o o o o
3 5 2 4 7 1 6 8	o o o
5 3 4 2 7 6 1 8	o o o
3 5 2 4 6 7 8 1	o o o o
3 2 5 4 7 6 1 8	o o o
2 3 4 5 6 7 8 1	o o o o
2 4 3 6 5 8 7 1	o o o

Each o represents a peg, and causes a pair of bells to change places. Note carefully that the pegs do not cause particular bells to swop, but the bells in particular positions. The first and last rows of noughts are at places of symmetry in the lead, and are where the panel reverses. These rows are only used once at each reversal.

The question of making calls raises my only criticism of the existing machines. In my opinion a ringing machine should be fully automatic, especially in call making. Calls should be made by pressing buttons marked 'bob' or 'single,' and that any time during the lead. The machine should help itself to the call at the proper moment, and not depend on the operator to press the button at the exact moment required. The Carter machine call-making buttons are not in a prominent place, and need a skilled conductor for their operation. There is very little margin of time allowed for correct pressing; and in Grandsire at a single, buttons must be pressed on each side of the machine.

In Woodhouse's machines, too, the call-making does not entirely satisfy me. In his earlier machines one had to press buttons which effected special 'swops' at a bob. In the later machines one has to reset the required row on the panel while it is in action. Although this is simple to do, in my opinion it is not in keeping with the automatic nature of the machine. The following is my ideal system of controls:—

'Go next time' for starting the method off from rounds. Must be self-synchronising so that the machine cannot start wrongly or at backstroke.

'Bob,' 'Single.' May be pressed with plenty of notice.

'Rounds.' This causes the machine to strike rounds automatically whatever change it may be ringing beforehand. It will also serve for 'This is all.'

In all existing machines the bellplates must be adjusted by hand to their home positions so that rounds may be struck before ringing is commenced.

Many further schemes of storage may be suggested. From the point of view of ease of setting, one could have a disc for every method which it is desired to ring. One scheme I worked out proposed a disc about the size of a gramophone record with radial rows of holes. Holes drilled would correspond to the swops required, and fine wires allowed to press against the disc would move through the holes and so work a mechanical preselection system. The disc would be attached to a shaft with a friction drive, while an escapement would allow the disc to revolve correctly if a tooth be opposite each row of holes. Various refinements could easily be added; for instance, 'This is all' could alter the pitch of the escapement so that the disc is free to revolve until a larger tooth stops the disc at the correct row for recommencing ringing. Calls could be effected by realigning the wires opposite rows of holes which have no tooth for normal use. There is no limit to the scope for ingenuity in solving this interesting problem of the ringing machine. It all depends on what one wants for a particular machine—what limit of complexity required, and a choice between ease of operation for the uninitiated or greater complexity with greater versatility. The electrical ringing machine I am at present making copies Mr. Woodhouse's half-lead setting. There are 21 normally used rows of press buttons on the front control panel, thus giving a maximum of 40 changes per lead. As the machine will ring up to ten bells it will be capable of ringing Surprise Royal, but nothing exceeding 40 changes per lead. The buttons are in horizontal rows, ten in each row. The end button on the right-hand side is a cancel button. If pressed, it throws the row out of use entirely, so that much simpler methods may be set using only a few rows of buttons, and the other rows are cancelled. The other nine buttons are for places 1 to 9, and there is an electrical mechanism which translates this information set into swops. (This is quite easily done with nine relays.) It is never necessary to set 10ths place; it follows automatically. Thus, if button No. 3 is pressed the corresponding places made are 3rds and 10th, but if the 3rd and 6th buttons be pressed then 3rds and 6ths places are made. This arrangement has proved to be very useful, as in setting a Caters method only one button in each row need be pressed, 10ths place for the tenor covering following automatically. If no buttons at all in the row are pressed then, as in Mr. Woodhouse's No. 8 machine, the five swops 1×2 to 9×0 follow automatically. The buttons are of the wireless press-button type, and when pressed in stay in. But if any other buttons in the same row are pressed, the others immediately spring out. It is possible to set a Royal method from Mr. Corrigan's collection in half a minute.

In addition, nine selected rows (chosen so as to meet all occasions) have jack sockets on the right-hand side. Coloured telephone jacks are inserted in the sockets for calls, as follows. White jacks are for 'plain' rows, that is, rows used at a plain lead but not when a call is made. If the Bob or Single button on the control box (a box with five buttons connected to the machine by a cable) is pressed, then the machine does not use the row, and passes to the next set. A green plug is inserted for a row to be used only at a bob, and the end cancel button is also pressed on that row. If, however, the Bob button is pressed on the control box, not only does it cut out the Plain row but it also causes the machine to use the Bob row instead. A similar arrangement works for the Single rows, which have red plugs. The call making is therefore entirely automatic, and may be put into action well before the time required, or a split second before the row is actually in use. The usual time for calling a bob or single gives ample warning for the machine. The five buttons on the control box perform the functions listed earlier, the extra one being used only for restoring the other buttons to normal. The scanning of the rows of buttons is effected by a gang of uniselector

(Continued on page 220.)

Mr. John Worth's 500 Peals

Mr. John Worth, of Macclesfield, rang his 500th peal with a peal of Silent Bristol Surprise Major at Hyde, Cheshire, on March 11th. His list is appended:—

Minor: 1-84 methods, 105 (conducted 68).
Doubles: 8 (5), 'in hand' 1 (1).

Triples: Grandsire 17 (15), Stedman 7 (5).
Major: Plain Bob 20 (15), 'in hand' 14 (11), Little Bob 1 (—), Carisbrooke Treble Bob 1 (1), Oxford Treble Bob 4 (4), Kent Treble Bob 15 (8), ditto 'in hand' 2 (2), Spliced Kent and Oxford Treble Bob 2 (—), Double Norwich Court Bob 24 (13), Real Double Norwich Court Bob 1 (—).

Surprise Major: London 44, including 1 silent (30), Cambridge 48 (35), Bristol 48, including 1 silent (36), Real Bristol 1 (—), Superlative 10 (7), Yorkshire 7 (5),, Norfolk 2 (2), Staffordshire 2 (1), Manchester 1 (1), Rochester 5 (4), Lincolnshire 2 (2), Pudsey 2 (2), Guildford 1 (—), Aldenham 1 (1), Belgrave 1 (—), Stockport 1 (—), Ramsey 1 (1), Deva 1 (—), Spliced, 2-14 methods, 8 (4).

Caters: Grandsire 8 (6), Stedman 10 (8), Erin 1 (—).

Royal: Plain Bob 5 (4), ditto 'in hand' 4 (—), Kent Treble Bob 9 (4), Oxford Treble Bob 4 (4).

Surprise Royal: Cambridge 17 (7), Yorkshire 4 (1), Belgrave 1 (—), Rochester 4 (—), Lindsey 1 (—), Rutland 1 (—).

Cinques: Grandsire 3 (1), Stedman 4 (1).

Maximus: Kent Treble Bob 4 (3), Oxford Treble Bob 1 (—), Plain Bob 4 (2), Cambridge Surprise 1 (1), Yorkshire Surprise 1 (—), Rochester 1 (1).

Total: 500, conducted 325.

PETERBOROUGH DIOCESAN GUILD

NORTHAMPTON BRANCH.

The monthly meeting was held at Brixworth on March 25th, with an attendance of 30, which included members, friends and visitors.

The Guild service was conducted by Rev. Freeman, Vicar of Brixworth, whose address, being most appropriate, was based on the five inscriptions of Brixworth bells. The organist was Mr. Campden. Tea was served in the Crown Inn, the business meeting following, the branch chairman (Mr. G. S. Valentine) presiding, supported by the secretary (Mr. E. Nobles). The next meeting was arranged for Wootton on April 29th.

A vote of thanks was extended to Rev. Freeman for the use of the bells and conducting the service and for his address, and to those responsible for a splendid tea.

Ringing was resumed and, although the bells were a little hard going, good use was made of them with Stedman, Grandsire, Plain Bob, St. Simon's and Spliced Doubles to complete a successful meeting.

E. N.

ADDRESS TO ROTARIANS

'Bellringing often takes a man down a peg' was the heading given to a talk by Mr. A. E. York-Bramble to the Southampton Rotary Club. Pointing out that peal ringing required great mental concentration and a fine sense of teamwork, Mr. York-Bramble said: 'It often took a man down a peg when he saw someone who had not the same advantages as himself in life who could concentrate so much more on the job and make fewer mistakes.'

TELL YOUR FRIENDS.

Orders for postal copies of 'The Ringing World' for the new quarter should be sent forthwith to Mrs. Fletcher, The White House, Caister-on-Sea, Norfolk. For rates see page 216.

NOTICES

The charge for one insertion of a notice of a meeting is one penny per word, minimum 2s. For additional insertions with no change one-half above charge for each insertion.

Other notices one penny per word, minimum 2s. 6d.

All notices must be prepaid.

Notices must be received not later than Monday.

ENGAGEMENT

The engagement is announced between Rodney Brian, son of Mr. and Mrs. H. Meadows, of 82, Heathcroft, Hampstead Way, London, N.W., and Ruth Mary Katharine, daughter of the Most Rev. J. C. H. How, D.D., of Bishop's House, Glasgow, W.2. 6820

DEATH

SADDINGTON.—On Mar. 31st, 1950, at 66, Station Road, Burton Latimer, Joseph Saddington, aged 83 years. Ringer and chorister for 70 years. 6811

CHANGE OF ADDRESS

From April 17th, 1950, the address of Mr. E. STITCH will be The Laurels, 233, Penn Road, Wolverhampton, Staffs. 6798

PUBLICATIONS

'CHURCH BELLS AND RINGERS OF NORWICH,' by A. G. G. Thurlow, 5s. 6d. post free from the author, St. Clement's Rectory, 3, Colegate, Norwich. An account of the bells of one of England's most historic cities, well illustrated with plans, cross sections and pictures. Second edition, much improved; no increase in price.

'THE ART AND SCIENCE OF HANDBELL RINGING,' illustrated, by J. M. Turner, Washfield, Devon, late president of N.E. Devon Guild of Ringers and broadcaster. 3s. 6d. post free from the Author. 6787

No better pen picture of early ringing societies has been published than J. Armiger Trollope's 'COLLEGE YOUTHS,' illustrated, 5s. 6d. post free.—'The Ringing World,' c/o Woodbridge Press, Ltd., Guildford.

'SCOTTISH RINGS OF BELLS,' by Ranald Clouston, 2s. post free from the author at COOKLEY FARM, EYE, SUFFOLK. 6715

MISCELLANEOUS

Ask your friends who own 'DELIGHT' RECORD BOOKS about the advantages of this loose-leaf system. All your records in one volume. Samples from William Viggers, 37, Highfield Gardens, Aldershot. 6012

BACK NUMBERS. — A limited number of back numbers for most issues of 1946 and 1947 are available, post free 4d. per copy.—Apply Editor, 'The Ringing World,' c/o Woodbridge Press, Ltd., Guildford.

MEETINGS

SURREY ASSOCIATION. — North-Western District.—Meeting at St. Giles' (8), Ashtead, on Easter Monday, Apr. 10th. Bells 3 to 4.40 and after meeting. Tea 5 in the Peace Memorial Hall, Woodfield Lane.—R. Lathbury, Hon. Dis. Sec. 6752

ELY DIOCESAN ASSOCIATION. — Annual general meeting at Whittlesey, Easter Monday, April 10th. Bells, St. Andrew's (8) and St. Mary's (8) from 11 a.m. Business meeting 3 o'clock. Service 4.30. Tea at 5.—W. W. Cousins, Gen. Sec. 6763

SUFFOLK GUILD.—Annual meeting, Easter Monday, at Ipswich. Bells available all day. Service 12 at St. Lawrence's. Lunch (4s.) at Nightingale's, 1 p.m. Apply early to Cecil W. Pipe, Grundisburgh. 6754

EAST DERBYSHIRE AND NOTTS ASSOCIATION.—Annual meeting, Easter Monday, April 10th, Swanwick (5). Bells available 2 p.m. Service 4.30. Tea 5. Business after tea. 6768

BEDFORDSHIRE ASSOCIATION.—Annual meeting, Bedford, Easter Monday, April 10th. St. Paul's (10 bells) and St. Peter's (8 bells) from 10.30 a.m. The six bells at Elstow open 3.30 p.m. to 6 p.m. Lunch at St. Mary's Hall 2 p.m., followed by business meeting. Please send names for lunch to Mr. Foskett, 38, Miller Road, Bedford. 6772

BATH AND WELLS DIOCESAN ASSOCIATION. — Annual general meeting, Taunton, Easter Monday. Service 12 noon, St. James'. Committee 11 a.m., St. James' Schoolroom. Lunch 1 p.m. Some seats left. Business meeting to follow. Bells: St. James' (8), 11 to 12 and from 3 p.m.; Wilton (8), Milverton (8), Wellington (8), Langford Budville (6), from 3 p.m.—J. T. Dyke, Hon. Gen. Sec. 6765

OXFORD DIOCESAN GUILD.—Banbury Branch.—Quarterly meeting, Lower Heyford (6), Apr. 15th. Service 4. Tea 4.45. Rousham (6) also evening.—E. Pearson, Adderbury West, Oxon. 6744

GUILDFORD DIOCESAN GUILD.—Annual meeting at Guildford, April 15th. S. Nicolas' bells afternoon and evening. Bells, Cathedral, 3.30. Service there (at which the Lord Bishop of the Diocese will be present) 4.15. Tea and meeting at Trinity Hall 5 p.m. Numbers for tea by April 11th to G. L. Grover, Hon. Sec., East Clandon. 6740

SOUTHWELL GUILD.—Annual meeting at Newark, April 15th. Parish Church bells (10) 2.30 to 8; Winthorpe (6) 2 to 4. Service at Parish Church 4.30. Tea in Barnbygate Restaurant 5.15 if you notify Peter N. White, 131, London Road, New Balderton, Newark, by 11th. Business meeting in Parish Church belfry 6. (For Winthorpe, use Town bus service to terminus, then 5 minutes' walk.) — J. W. Raithby, Gen. Sec. 6781

OXFORD DIOCESAN GUILD and BEDFORDSHIRE ASSOCIATION.—Joint meeting at Bletchley, Saturday, April 15th. Bells (8) 2.30. Tea 5 o'clock. Names for tea by April 10th, please.—R. H. Howson, 19, Greenfield Road, Newport Pagnell, Bucks. 6780

DERBYSHIRE ASSOCIATION. — Annual general meeting, Derby, April 15th. Cathedral and St. Peter's bells 2.30. Committee, St. Peter's Hall, 3. Tea 5. Service in Cathedral 4.30. Names for tea to Wm. Lancaster, 83, Albert Road, Chaddesden, by the 12th. 6779

LADIES' GUILD. — Lincoln District. — A meeting will be held at Blankney on Saturday, April 15th. Service 4 p.m. Tea 4.45. Names for tea to Miss E. Wright, Blankney, near Lincoln, by Monday, April 10th.—A. Richardson, Surfleet. 6773

HERTFORD COUNTY ASSOCIATION. — Annual general meeting, Saturday, April 15th, at Hitchin. Bells available: Hitchin, from 2.30 p.m.; Norton (8), Baldock (8), St. Ippolyt's (6), from 11 a.m. to 12 and 2 p.m. to 4 p.m. Great Wymondley (6), from 2 to 4. Service, Hitchin, 4.30. Tea, The Angel, at 5.30, for 60 *only*. Those requiring tea to apply to Mr. A. E. Symonds, The Cottage, Windmill Hill, Hitchin. There are other tea rooms in the town for any others. Notice of motions: (a) That the annual subscription for ordinary ringing members be increased to 2s. 6d. (b) That the peal booking fee be increased to 3d. per bell.—W. Ayre, General Secretary. 6771

ESSEX ASSOCIATION.—Northern District.—Meeting at Pebmarsh (6), April 15th. Bells 2.30 p.m. Service 4.30 p.m. Names for tea to G. Trendell, Post Office, Pebmarsh, Halstead. Arrangements made for members to catch buses in the evening. 6770

GUILD OF DEVONSHIRE RINGERS.—N.E. Branch.—Quarterly meeting, Huntsham, Apr. 15th. Bells 3. Service 4.30. Tea 5. Coach leaves Silverton 2.15, Tiverton 2.45. Names for tea and coach.—C. G. Dymond, Branch Sec. 6793

BATH AND WELLS ASSOCIATION.—Glastonbury Deanery.—Meeting Wookey, Saturday, Apr. 15th, 2. Service 4. Tea and meeting. Notify by Tuesday, the 11th, for tea.—Wm. Marsh, Dovecotes, Street, Somerset. 6795

SALISBURY GUILD.—West Dorset Branch.—Meeting, Lyme Regis, on Saturday, April 15th. Bells at 3. Service 4. Tea and meeting follow.—C. H. Lathey. 6776

COVENTRY DIOCESAN GUILD.—Annual meeting, Allesley, Coventry, April 15th. Bells (8) 3 p.m. Service 4. Tea 4.30. Committee meet 5.30. General business meeting 6. Private room at The Tollgate, 8 to 10 p.m. Names for tea to F. W. Perrens, 68, Warwick Avenue, Coventry (Phone Cov 61709), by Tuesday, April 11th, without fail.—Mrs. D. E. Beamish, Gen. Hon. Sec., 21, Gipsy Lane, Nuneaton. 6769

DEVON GUILD.—S.W. Branch.—Quarterly meeting, Plympton St. Maurice, Saturday, Apr. 15th. Names by April 12th to T. Myers, 79, Regent Street, Plymouth. 6727

HAWKHURST AND DISTRICT GUILD.—Meeting, Battle, on Apr. 15th. Bells 3. Please make own tea arrangements. Cafes near to church.—H. Gorringe, Hon. Sec. 6802

CHESTER DIOCESAN GUILD.—Wirral Branch.—Next meeting, Bromborough (8), Saturday, Apr. 15th. Bells 2.30. Service 4.30. Tea provided free for those notifying me by 11th.—A. J. Martin, 19, Falcon Road, Birkenhead. 6788

LANCASHIRE ASSOCIATION. — Preston Branch.—The next meeting will be held at Chorley, St. Mary's R.C. Church, on Saturday, Apr. 15th. Bells (8) available 2.30. No tea arrangements; cafes and snack bars nearby.—L. Walmsley. 6789

LONDON COUNTY ASSOCIATION.—Southern District meeting, Saturday Apr. 15th, Immanuel Church, Streatham Common, 2.45. Service 4. Tea 4.30. Business 5.30. St. Leonard's 6.30.—Hutchings, TEM 0794. 6796

HEREFORD DIOCESAN GUILD.—Bridgnorth Branch.—The next meeting will be held at Broseley, Saturday, Apr. 15th. Ringing 3. Service 4.30. Tea at 5, followed by meeting. Enquiries for tea to H. G. Thomas, 104, Victoria Road, Bridgnorth. 6797

DURHAM AND NEWCASTLE DIOCESAN ASSOCIATION.—Western District.—Saturday, Apr. 15th, Blaydon St. Cuthbert, 2.30. Names to R. W. Leighton, 15, Burnley Street.—C. T. Lamb, Dis. Sec. 6791

ANCIENT SOCIETY OF COLLEGE YOUTHS.—Next meeting Saturday, Apr. 15th, Christ Church, Southgate, 4.—A. B. Peck, 1, Eversfield Road, Reigate. 6821

BEDFORDSHIRE ASSOCIATION.—Biggleswade District.—A meeting will be held at Northill on Saturday, Apr. 15th. Bells (6) 3. Tea at 5.—C. J. Ball, 25, Tempsford Road, Sandy. 6809

ELY DIOCESAN ASSN.—Cambridge District.—Duxford (6), Saturday, Apr. 15th. Bells 3. Service 4.15. Tea 5.—H. L. Martin, Dis. Sec. 6834

LANCASHIRE ASSOCIATION.—Manchester Branch.—Ringing meeting at St. Mary's, Prestwich, Apr. 15th, 3. Bus from Victoria Bridge, opposite Cathedral.—R. Benson. 6833

LANCASHIRE ASSOCIATION. — Liverpool Branch.—Meeting at Prescot on Saturday, Apr. 15th. Bells open 2.30. Service 4.30. Tea 5.15. Names for tea by Wednesday, please, to me.—J. M. Preston, 12, Stanley Crescent, Prescot. 6830

BEVERLEY AND DISTRICT SOC.—Meeting at Kirk Ella, Apr. 15th. Bells (6) available from 2 p.m. Service 4.15. Tea 5 p.m. for all who notify Mr. A. H. Fox, 122, Beverley Road, Kirk Ella, Hull, by first post, Wednesday, Apr. 12th. 6832

BOURNEMOUTH

GEORGE WILLIAMS COMMEMORATION DINNER AND RINGERS' RALLY

Saturday, May 6th, 1950

DINNER TICKETS ... **10s.** each

COACH TOUR via Wimborne Minster, Blandford, Wimborne-St.-Giles, and Poole. Leave Bournemouth 10 a.m. Tickets **7s. 6d.**

For tickets and all details please apply early to Arthur V. Davis, 116, Alma Road, Bournemouth

CHESTER DIOCESAN GUILD.—Crewe Branch.—Audlem, Apr. 15th. Bells (6) 2.30. Service 4.30. Names by Apr. 12th, please.—Rich. D. Langford, 118, Ruskin Road, Crewe. 6831

ELY ASSOCIATION.—Wisbech Branch.—Meeting Upwell, Apr. 15th. Bells (6) 2.30. Service 4.30. Tea 5; own food.—J. E. Fox, Dis. Sec. 6810

KENT COUNTY ASSOCIATION.—Annual general meeting, Rochester, Easter Monday. Arrangements as previously advertised. Obtain lunch tickets at Corn Exchange, 12.45.—G. H. Spice, Gen. Sec. 6808

OXFORD GUILD.—Reading Branch.—Monthly practice, Nettlebed, Apr. 15th, 6 to 9. Committee meeting 3.30, Bull Hotel.—T. N. Lanaghan. 6813

ELY DIOCESAN ASSOCIATION.—Hunts District.—Hemingford Grey, Saturday, Apr. 15th. Bells (6) 3. Service 4.30. Tea 5. Names for tea to F. Warrington, 4, Needingworth Road, St. Ives, please.—S. Gilbert, Dis. Sec. 6812

BATH AND WELLS ASSOCIATION.—Bath Branch.—Quarterly meeting Apr. 15th, St. Matthew's, Widcombe. Bells (6) 3. Service 4.30. Tea notification essential by 12th to Mr. Newman, 12, Widcombe Parade, Bath. 6814

CHESHIRE DIOCESAN GUILD.—Grappenhall Branch.—Meeting at Daresbury, April 15th. Advise H. Worrall, 5, Causeway Avenue, Warrington, if requiring tea by the 12th.—John E. Ashcroft, Hon. Sec. 6817

LINCOLN DIOCESAN GUILD.—Northern Branch (Gainsborough District).—A meeting will be held at Upton on Saturday, Apr. 15th. Bells (5) available during afternoon only. Service 4.30. Tea at Lea 5.30, followed by business meeting. Lea bells available in evening. Please notify me for tea by Wednesday previous.—George L. A. Lunn, Hon. Sec., Crow Garth, Lea, Gainsborough. Tel. 2623. 6818

EAST GRINSTEAD GUILD.—Wadhurst, Apr. 15th. Bells (6) 2.30. Tea 5, at Durgates Lodge. Names to C. Bassett, Pendrill Place, Wadhurst. 6827

YORKSHIRE ASSOCIATION (Southern District) and BARNSLEY DISTRICT SOCIETY.—Joint meeting Rawmarsh, Saturday, Apr. 15th. Bells (8) from 3. Names for tea by Thursday, 13th, to Mr. G. R. Hiner, 44, Spalton Road, Rawmarsh, near Rotherham. 6801

BATH AND WELLS ASSOCIATION.—Chew Deanery.—Meeting Blackwell, Apr. 15th. Bells 3 o'clock. Divine service 4.30. Tea and business meeting 5 o'clock.—Percy G. Yeo, Long Ashton. 6825

SUSSEX ASSOCIATION.—Southern Division.—Practice meeting, Buxted, Saturday, Apr. 15th. Bells (8) 3. Tea 4.30, only for those who notify individual names by Apr. 12th to Mr. E. Eade, Hon. Sec., Beacon View, Buxted. 6805

LEICESTER DIOCESAN GUILD.—Syston District.—Meeting at Mountsorrel, Apr. 15th. Bells (8), 2.30. Service 4.30. Tea and meeting 5. Names for tea by Wednesday, Apr. 12th, to F. Key, 36, Firfield Avenue, Birstall, Leics. 6804

ELY ASSOCIATION.—Ely District.—Wilburton (6), Sat., Apr. 15th. Bells 2.30. Service 4.30. Tea 5.—C. Gimbert, Sutton, Ely. 6803

PIDDLEHINTON, DORSET.—Dedication of the restored ring (6) by Bishop Lovett, formerly of Salisbury, on Sunday, April 16th, at 3 p.m. Ringing after tea, which will be supplied definitely only to those who notify by 13th, as no local catering. — Ven. J. Chute. Piddlehinton, Dorchester. 6778

ASHTON-UNDER-LYNE SOCIETY OF CHANGE RINGERS.—Annual meeting, Ashton Parish Church (13 bells), Saturday, Apr. 22nd, 3. All ringers and learners welcome. Tea reservations to Miss E. Walker, 163, Portland Street. 6792

LINCOLN DIOCESAN GUILD. — Elloe Deaneries Branch.—Quarterly meeting will be held at Gosberton on Saturday, Apr. 22nd. Bells available 2.30. Service 4. Tea 4.45. Names for tea to Mr. F. Payne, High Street, Gosberton, Spalding, before Apr. 15th. 6816

HERTS ASSOCIATION.—Eastern District.—Meeting Hertford, Saturday, Apr. 22nd. St. Andrew's. Bells 3. Service 4.30. Tea 5. Names to A. S. Carter, 93, North Road, Hertford. 6790

RIPPONDEN, YORKS.—The rehung ring of St. Bartholomew's, Ripponden, will be open to ringers from 2.30 on Apr. 22nd. Service at 4.15. Tea 2s. 6d. to all who notify by Apr. 18th Mr. J. Leaver, Whiteley Terrace, Ripponden, near Halifax. 6799

KENT COUNTY ASSOCIATION.—Canterbury District. — Quarterly meeting Goodnestone, Saturday, Apr. 22nd. Bells 2.30. Service 4.15. Names for tea (with cash enclosed) to me not later than Wednesday, Apr. 19th.—B. J. Luck, 20, Beaconsfield Road, Canterbury. 6806

PETERBOROUGH GUILD. — Wellingborough Branch.—Quarterly meeting at Mears Ashby, Saturday, Apr. 22nd. Names for tea, please.—A. Bigley, 30, Allen Road, Irthlingborough. 6807

OXFORD GUILD.—Newbury Branch.—Hampstead Norris, Saturday, Apr. 22nd, 3. Names to Mr. J. Weaving, Hackney Bottom, Hampstead Norris, Newbury, by Apr. 19th.

LINCOLN DIOCESAN GUILD.—Grimsby District.—Meeting at Winterton, Apr. 22nd. Bells (6) 2.30. Service 4.15. Tea 5. Names for tea by Apr. 19th to H. Hall, West Street, Winterton, Scunthorpe. 6816

OXFORD DIOCESAN GUILD.—E. Berks and S. Bucks Branch.—Annual meeting Saturday, Apr. 22nd. Bray (8) 3. Service 4.15. Tea 5.15. Meeting 6. Names for tea by 17th.—Barker, Cambridge, Wexham, Slough. 6815

(Notices continued on next page.)

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LETTERS TO THE EDITOR

OXFORD UNIVERSITY'S PEAL IN 21 METHODS WAS SPLICED

Dear Sir,—I expected to see some comment in 'Ringing World' of March 31st on the previous week's statement in Belfry Gossip that the peal of Spliced Plain Major rung at Oxford 'was not spliced according to the Central Council's decision.'

It seems in very bad taste to claim that this new peal in 17 methods contains the most ever rung spliced 'in hand' without substantiating it.

In the peal in 21 methods the methods were rung in complete courses and the method was always changed at a lead-end. The composition was published in 'The Ringing World' in 1931 and, so far as I know, has never been criticised as not being spliced.

Quite a number of peals have been rung in which the number of changes of method has been very small, and against which it would be possible to direct many other criticisms if one were so inclined. However, why do so? The question of Kent and Oxford Treble Bob has been settled by the rule that splicing can only be done at lead-ends, and this seems quite adequate. If the Central Council has made other decisions on the subject, I suggest they be given a little more publicity.

Finally, let me say I in no way wish to detract from the merit of ringing the 17-method peal, which was undoubtedly a fine performance, but would suggest that the band ring 22 before claiming to have rung the largest number.—Yours sincerely,

R. F. B. SPEED.

Harrow.

A MEMORABLE FIRST SURPRISE PEAL

Dear Sir,—I should like to record my compliments and thanks to Miss Gillian A. Smith for standing in at the last minute and helping us out in a peal of Aldenham at Rotherfield on March 22nd.

This young lady was a complete stranger to us all and was in the district on holiday. She rang me up to know if there was any ringing in the district. I asked her if she could ring Aldenham Surprise, as I was one short for the peal, and she said that she had not rung a Surprise peal, but would like the opportunity of trying. I asked her to look up Aldenham and come along, which she did.

I would like to congratulate her on the way she handled her bell and also the most efficient manner in which she rang the method. She certainly is a credit to whoever taught her to ring, and I shall look forward to ringing with her again.—Yours faithfully,

W. ROGERS

(Conductor of the peal).

SHERBORNE'S RHYME

Dear Sir,—Re correspondence in your columns about rhymes connected with various churches, belfries, etc., here is one I collected at Sherborne Abbey, Dorset.

This is a belfry free
For all those that civil be.
And if you please to Chime or Ring,
It is a very Pleasant thing,
There is no music played or sung
Like unto bells when they are Well rung.
If that to ring you do come here,
Then ring your bell well if you can,
Silence is best for every man,
Keep stroke of eight and go not out,
Or you will forfeit out of doubt,
But if you ring in spur or hat,
Sixpence you pay be sure of that,
And if a bell you overthrow,
You pay a shilling before you go.

Yours truly,

R. G. FIELD.

Yeovil.

PEALS AT HAZELBEECH

Dear Sir,—Congratulations to the band who rang the recent peal at Hazelbeech, but whoever gave them the idea that it was the first on the bells since 1933?

A peal of Grandsire Triples (Thurstans' five-part), conducted by Ernest Morris, was rung there on January 4th, 1936, in which I rang the 3rd, and unless my memory serves me very badly there have been two or three other peals since 1933 (not necessarily Peterborough Diocesan Guild peals). Mere guessing at things like this can be very misleading to future generations when put into print.

In addition, I would like to know who gave Mr. Cannon the idea that Hanslope tenor is 'in D,' which he stated in a peal report a few months ago? To be in D this bell would have to sound the same note as St. Giles', Northampton. Anyone who has rung both bells, if he has anything of a musical ear at all, knows perfectly well there is quite a difference. Hanslope tenor is E natural. These may seem unimportant errors to some people, but I'll repeat, they can lead future generations astray!

Another absurdity is the claim of 'first peal on the bells' because no living being can recall a peal there. One of the few towers where such a first could be claimed is Long Buckby, where since 1814 there have been five bells (four dated 1624), and a record is kept of what in 1856 would have been the first peal but failed only 12 changes from the end. The bells then had no stays, and one went right over. The names and order of this band are still kept by a very old inhabitant, who himself and his father before him can recall all peal attempts in this tower (incidentally my own family native home, where I can claim relations going back 108 years).

Where no record like Long Buckby is kept, would it not be more strictly in order to put 'believed' first peal on the bells?

P. AMOS.

Northampton.

RINGING MACHINES—continued.

switches which connect the rows of buttons one by one to the other sections of the machine. As each row of buttons is in use, an indicator lamp on the left lights up. Only the half-lead is set on the 21 rows, and the rows are used in order downwards and then upwards again. The top and bottom rows thus correspond to the turning rows of the method, e.g., in Bob Major when the treble is leading and lying. In order to make calls at the turning row (as in practically all even-bell methods) two extra rows of buttons top the panel and are not normally used. They have no cancel buttons as they are permanently out of use and can only be used by insertion of a call plug. The other seven rows with call plug jack sockets behave normally if no jack plug is inserted.

There is also an arrangement for returning the row being used to the correct one for starting ringing, when 'Rounds' is called.

(To be continued.)

Synthetic Bells

The following, under the heading of 'Synthetic Bells,' appeared in 'The Harwich and Dovercourt Newsman' of March 24th:—

There has been some complaint recently in our correspondence columns about Harwich Church bells. What about the noise at Dovercourt on Sunday mornings? The inconsiderate volume that issues from Kingsway Hall is one of the most trying seaside noises that I have ever experienced.

A gramophone record is no substitute, surely, for a genuine peal of bells, and to me it sounds ludicrous to hear all the bells of St. Margaret's, Westminster, gushing from the slender turret of this chapel at Dovercourt, which would not carry a small treble bell, let alone the whole ten of one of the principal peals in the land.

Synthetic bells are not one of the joys of old England, and there can be no excuse for disturbing the peace of this quiet seaside town with an amplified gramophone recording.

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Letters (continued)

QUALIFICATION FOR MEMBERSHIP

Dear Sir,—I had no intention of furthering the argument re 'Qualification of Membership' in the columns of 'The Ringing World.' Mr. Sanger's letter in this week's issue, however, leaves me no option but to ask for a space in reply. It is extraordinary how easily some can 'misconstruct.' The surprising thing about it in this case, to me at any rate, is how Mr. Sanger fell for it. I should have known better, I suppose, than try to defend the 'ordinary member' and not clearly define who he is, for in not doing so Mr. Sanger accuses me of 'introducing class distinction.' I dispute and categorically deny ever thinking of such a thing. My letter bears no suggestion to that alleged introduction.

Of course, in a sense there is no difference between 'ordinary members' and members. We all belong to a Guild. Some know what for, others do not. We pay our subscriptions, attend meetings sometimes, and are entitled to suggest and criticise and endeavour to raise the standard of ringing, and with everyone combining to reach one end—the betterment of Sunday service ringing. But this will not be accomplished if the selected few, happily very few, will not accept a little helpful criticism.

Mr. Sanger says that I wandered from the point in question. Well, perhaps I did. I can only say that I was trying to follow Mr. Dyke's letter point by point. Luckily for me, I stopped in time.

I fully endorse Mr. Sanger in quoting Mr. Frank Warrington's 'one God, one service.' My many friends will endorse it, too. That is the Guild's ultimate end, isn't it?

I hope that the misconstruction 'bug' hasn't bitten me, but am I to assume that we as members are to store up our criticisms and suggestions for twelve months and bring them to the annual for ventilation? I am sure that there are many members who do not, for various reasons, attend meetings. They rely on the good offices of 'The Ringing World' to keep them in touch with their Guilds, and, indeed, it is the only link some have. Mr. Sanger, surely, doesn't want to break that link.—Sincerely yours,

R. BEALE.

MR. T. E. SONE'S 400 PEALS

Mr. T. E. Sone, of Paddock Wood, Kent, has completed 400 peals. These have been rung with 394 ringers in 93 towers for 11 Associations. He has conducted 185 different (115 one-part) compositions by 52 composers.

Doubles: Grandsire 2 (conducted 2).

Minor: In 2, 3 and 4 methods 6 (1), in 7 methods 1 (1), Cambridge 3 (1).

Triples: Grandsire 56 (41, Holt's Original five times round circle, one non-conducted), Stedman 10 (2), Spliced Grandsire and Bob Major 1 (1).

Major: Plain Bob 19 (8), Canterbury Pleasure 1 (1), Spliced Canterbury and Plain Bob every lead 1 (1), St. Clement's College 1, Double Norwich 72 (51), Dartford Little Bob 1 (1), Kent Treble Bob 95 (83), Oxford Treble Bob 11 (11), Spliced Oxford and Kent 1 (1), Ilkeston Treble Bob 1, Worcester Treble Bob (1), Liversedge Treble Bob 1 (1), Cambridge Treble Bob 1.

Major: Surprise Superlative 22 (6), Cambridge 26 (9), New Cambridge 1, Pudsey 1, Painswick 2, Ashtead 4 (2), Yorkshire 6 (1), Rotherfield 1, Rutland 2, Lincolnshire 2, Bristol 1, London 1.

Caters: Grandsire 10 (10), Erin 1 (1), Stedman 5, Double Norwich 1 (1).

Royal: Plain Bob 5 (2), Canterbury Pleasure 1 (1), Kent Treble Bob 18 (16), Cambridge Surprise 1.

Cinques: Grandsire 1 (1), Stedman 1.

Maximus: Kent Treble Bob 2 (1).

Total 400, conducted 259.

Chester Diocesan Guild

WIRRAL BRANCH ANNUAL DINNER.

The second annual dinner, entertainment and dance of the Wirral Branch, held at The Cathedral, Moreton, Wirral, on March 18th, proved even more successful than the previous venture, there being a 25 per cent. increase in attendance.

Over 100 persons sat down to the meal in the ballroom, presided over by the branch chairman (Mr. J. Cooke), supported by the Ringing Master (Mr. T. Rogers), hon. secretary and treasurer (Mr. A. J. Martin) and ringers from Bebington, Bidston, Birkenhead St. Mary's, Bromborough, Eastham, Wallasey St. Hilary's and Wallasey St. Nicholas', together with relatives and friends.

Speeches were drastically curtailed, 'brevity and levity' being orders for the night, and the toastmaster, Mr. G. F. Pickthall, speedily and ably dispensed this part of the programme.

The company then relaxed, after posing for photographs, to enjoy the excellent entertainment. Billy Yorke proved to be a capable pianist and vocalist, and Vic Wade mystified all with his conjuring. Lawrence Catterall showed himself to be the possessor of a baritone voice of great power and flexibility, whilst once again 'Professor' Bing Briscoe amused all with his patter and topical sketches.

Tables were then whisked away, the dance orchestra was installed, and dancing followed until midnight, with only a slight pause for refreshments.

Older members consorted in the private lounge available and reminisced to their hearts' content. Later they were once again entertained by the artistes.

All present thoroughly enjoyed the function and are looking forward to next year's event.

SALISBURY DIOCESAN GUILD

WEST DORSET BRANCH.

Loders, nestling between the hills not far from Bridport, was visited on March 11th by the West Dorset Branch for its quarterly meeting, some 35 members attending.

The church is very ancient and contains many features of peculiar architectural interest, and at the entrance to the chancel is preserved a pre-Reformation bell, dated 1461, which for 300 years called the village people to worship.

The Rector, the Rev. O. Willmott—himself a ringer—conducted the Guild office, the lesson being read by the Rev. C. Carew Cox, chairman of the branch. A most delightful address on 'Manliness' from the Rector captured the attention of all.

After a sumptuous tea, provided by the local ringers, had been enjoyed at the Rectory, the chairman presided over the business meeting. Mr. C. H. Lathey, hon. secretary, presented the final accounts for 1949, showing a balance in hand of £23 2s. 5d. The next meeting, to be held at Lyme Regis, was fixed for April 15th. Arrangements were provisionally agreed upon for the engagement of a coach to convey members to the annual festival of the Guild at Trowbridge on May 13th.

An enthusiastic vote of thanks was given to the Rector for his welcome and address; to Mr. B. Elsworth, organist; to the local ringers for their generosity; also to the ladies who had prepared and served the tea.

The good-toned ring of six bells (tenor 20 cwt.) was put to good use during the afternoon and evening in call changes and methods ranging from Grandsire and Stedman Doubles to Cambridge and London Surprise Minor.

STOKE-BY-NAYLAND, SUFFOLK. — On Mar. 18th, 1,260 Plain Bob Minor: G. W. Moss 1, R. Talbot 2, R. Duesbury 3, F. G. Bloomfield 4, R. W. Steward 5, A. R. Andrews (cond.) 6.

Symmetry in Methods and the Truth it Stands for

BY GEORGE BAKER.

Two of the rules laid down by the Central Council are:—

1. Methods must be symmetrical.
2. Asymmetrical methods are illegitimate.

Shipways Minor Principle arranged symmetrically		Reciprocal Proof of same. False.	Shipways Minor Principle. Asymmetrical arrangement.		Reciprocal Proof of same. False.
123456	(1)	546213	123456	(1)	142653
214365	(2)	546213	214365	(2)	234651
241356	(3)	546213	241356	(3)	413652
423165	(4)	546213	423165	(4)	321654
243615	(5)	546213	432156	(5)	142653
234651	(6)	546213	341265	(6)	234651
326415	(7)	546213	314256	(7)	413652
362451	(8)	546213	132465	(8)	321654
634215	(8)	546213	312645	(8)	321654
643251	(7)	546213	321654	(7)	263154
462315	(6)	546213	236145	(6)	612354
426351	(5)	546213	263154	(5)	136254
246531	(4)	546213	621345	(4)	321654
425613	(3)	546213	612354	(3)	263154
452631	(2)	546213	163245	(2)	162354
546213	(1)	546213	136254	(1)	136254
564231			316524		

In the Symmetrical Shipway Principle there is only one 'even' false course head when proved by Reciprocal proof (with the 6th a fixed bell), i.e., 213546.

In the Asymmetrical Shipway Principle there are twelve false course heads when proved by Reciprocal proof, i.e.:—

'Even.'	'Odd.'
34251	13452
35142	42153
14523	32514
21354	15234
53124	31425
43215	24135

These facts of themselves prove that the Asymmetrical arrangement would not produce the extent of 720 changes, but there is more to it than that, because in Principles where all the bells work alike each 'Even' row can be compared with any other 'Even' row, and each 'Odd' row can be compared with any other 'Odd' row, and for this we require another kind of proof, which I call 'Equivalent' proof, and this latter proof is also made use of in Treble Bob and Surprise methods to find the false course heads, as well as in Principles, but that belongs to another chapter altogether.

DURHAM AND NEWCASTLE ASSN.

A large company of ringers assembled at the Church of St. Ignatius, Sunderland, on March 18th, for the Joseph W. Parker commemoration meeting. The Association's service was conducted by the Rev. G. H. Marshall, Vicar of St. Ignatius'. Tea was served in Meng's Restaurant, after which the president, Mr. W. N. Park, thanked the Vicar and churchwardens for the use of the bells. The Vicar, replying, said that it was a delight to him to welcome the ringers to St. Ignatius', and he hoped that they had enjoyed their visit.

ST. BEES, CUMBERLAND.—On Mar. 19th, 1,260 Grandsire Doubles; Miss M. Haile (first quarter) 1, G. McKay (first of Doubles) 2, J. H. Haile (first of Doubles) 3, S. Richardson (cond.) 4, H. Wilson (first quarter) 5, T. McKay (first of Doubles) 6.

WEDNESBURY, STAFFORDSHIRE. — On Mar. 19th, 1,260 Grandsire Caters: J. H. Morton 1, A. Hingley 2, K. W. Knowles (first of Caters as cond.) 3, H. Morton 4, G. Darlington 5, W. Powell 6, A. Hubble 7, D. K. Knowles 8, D. J. Tranter 9, J. Gaden 10.

NOTICES—continued.

SURREY ASSOCIATION.—Southern District.—Bi-monthly meeting at Betchworth (8) on Apr. 22nd, 3. Service 5, tea following. Ringing until 9. Names for tea by Wednesday, Apr. 19th, to Rev. A. G. Hoare, The Vicarage, Betchworth, Surrey. 6828

MIDDLESEX ASSOCIATION. — Annual meeting, Clerkenwell, Apr. 22nd. Service 4.30, followed by tea and meeting. Bells, Clerkenwell, 3; Holloway and St. Giles-in-the-Fields after meeting. Names for tea to Ernest Turner, 41, Windsor Road, Ealing. 6823

NORWICH ASSOCIATION.—North Norfolk Branch.—Meeting at Cromer on Saturday, Apr. 22nd. Bells (6) from 2.30. Service 4.15. Tea 5. Names or numbers by Tuesday, Apr. 18th, please, to H. Tooke, The Lizard, Wymondham, Norfolk. 6819

ESSEX ASSOCIATION.—N.E. Division.—Meeting at Great Bentley on Saturday, Apr. 22nd. Bells (8) from 2.30. Service 4.30. Tea 5 at Red Lion. Names for tea by the 19th, please.—H. J. Millatt, Dis. Sec., c/o 54, Beche Road, Colchester, Essex. 6829

BATH AND WELLS DIOCESAN ASSOCIATION.—Marksbury, near Bath, Corporate Communion, Apr. 23rd, 8. Bells 7.15. Breakfast reserved for those notifying me by Apr. 21st.—W. A. Prescott, Timsbury, near Bath. Phone Timsbury 87. 6822

WALPOLE ST. PETER, NORFOLK.—Apr. 28th, dedication of rehung and retuned ring of six. Service 3. Bells available after service. Tea provided. All welcome. 6794

GUILD OF DEVONSHIRE RINGERS.—Exeter Branch.—Meeting Tedburn St. Mary (6), Apr. 29th. Usual arrangements service and tea. Names for tea and coach, which leaves Paul Street 2.15 by Apr. 25th.—C. J. Ryall, Alphidex, Dunsford Hill, Exeter. 6824

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