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# Church Bells.

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MEARS & STAINBANK,  
32 & 34, Whitechapel Road,  
London, E. : : : :





THE LIBRARY  
OF  
THE UNIVERSITY  
OF CALIFORNIA  
LOS ANGELES





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One of the Foundry's first bells

1894-1895

# MEARS & STAINBANK,

MANUFACTURERS OF

## Church, Clock, Hemispherical,

AND EVERY OTHER DESCRIPTION OF

### BELLS.

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#### WHITECHAPEL BELL FOUNDRY,

32 & 34, Whitechapel Road, London.

TELEPHONE NO. ~~BISHOPSGATE 8849~~ BISHOPSGATE 8849.

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#### NOTED BELLS FROM THE FOUNDRY.

GREAT BELL OF WESTMINSTER,

Weight 13 tons, 10 cwt., 3 qrs., 15 lbs.

The largest ever cast in London.

GREAT BELL OF MONTREAL CATHEDRAL.

Weight 11 tons, 11 cwt.

The largest ever shipped.

"GREAT PETER," OF YORK MINSTER.

Weight 10 ton, 15 cwt.

This was for some time the largest bell in England.

"GREAT TOM," OF LINCOLN CATHEDRAL.

Weight 5 tons, 8 cwt.

Its predecessor was a ton lighter. Heard when first erected 13 miles off.

ST. PAUL'S CATHEDRAL, LONDON. "THE CLOCK BELLS."

Weight of Hour Bell, 5 tons.

Erected 1709 and still in use.

PORTSMOUTH TOWN HALL.

Hour Bell weight 4 tons, and 4 Quarter Bells.

"ST. DUNSTAN," OF CANTERBURY.

Weight 3 tons, 10 cwt.

Cast in the Cathedral precincts.

"BOW BELLS," CHEAPSIDE, LONDON.

Tenor, weight 2½ tons.

Cast 1738, replacing one of 1669.

The peal of 10 bells was first rung at the birthday of George III.,

June 4th, 1762.

WESTMINSTER ABBEY.

Tenor, weight 28½ cwt.

OSBORNE HOUSE, ISLE OF WIGHT.

3 Clock Bells for H.R.H. Prince Consort.

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(For List of Peals see Pages 23 to 52.)

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— THE —  
**Whitechapel Bell Foundry,**

32 & 34, Whitechapel Road, London.

Telephone **BISHOPSGATE 8849.**  
**NS 9549 London SW4B.**      Established 1570.

*Removed from ESSEX STREET, WHITECHAPEL, to  
present Site in 1738.*

**Proprietors.**

Mot, Robert . . . .	A.D.	1570
Carter, Joseph . . . .		1606
Carter, William . . . .		1610
Bartlet, Thomas . . . .		1619
Bartlet, Anthony . . . .		1647
Bartlet, James . . . .		1676
Phelps, Richard . . . .		1702
Phelps & Lester . . . .		1735
Lester, Thomas . . . .		1738
Lester & Pack . . . .		1752
Pack & Chapman . . . .		1770
Chapman & Mears . . . .		1782
Mears, William . . . .		1784
Mears, William & Thomas . . . .		1787
Mears, Thomas . . . .		1791
Mears, Thomas & Son . . . .		1805
Mears Thomas the younger . . . .		1810
Mears, Charles & George . . . .		1844
Mears, George & Co. . . .		1861
MEARS & STAINBANK from 1865		

The goodwill, patterns, &c., of the following Firms have been acquired by this Foundry:—

- Messrs. Abraham Rudhall & Co., of Gloucester.
- „ John Briant, of Hertford.
- „ Osborn & Dobson, of Downham, Norfolk.
- „ Robert Wells, of Aldbourne.

## Church Bell Foundry.

32 & 34, WHITECHAPEL ROAD, E.

LONDON,

**Preface.** THE WHITECHAPEL BELL FOUNDRY was started in the year 1570, and during the past three centuries it has been the birthplace of many of our noted Cathedral Peals, also some of the largest Bells in the Country.

A complete history of this business may be found in the books which have been published on the Bells of various Counties, such as Mr. J. L'Estrange's "Church Bells of Norfolk," Dr. Raven's "Church Bells of Suffolk," etc. Mr. H. B. Walters, F.S.A., in his account of "London Church Bells and Bell-Founders," says, ". . . This brings us to the history of the only important London Foundry in the period 1540 to 1650, that of Whitechapel, which was founded about the year 1570, and has been continued without intermission down to the present day, when its reputation is greater than ever. In Westminster Abbey Belfry there are still two fine specimens of early Bells from this Foundry, the one dated 1583 and the other 1598."

It is interesting to note that we have recently re-hung the Abbey Bells in a new iron frame, and completed the octave by the addition of two treble bells, which were placed there as a Thank-offering for the conclusion of Peace. This work enables us to record a continuous connection with these bells from 1583 to 1919,

The "ringing" of Church Bells, as distinguished from simply "chiming," is a custom that has grown up in this Country during the last two centuries or more. It is usual abroad to have three or more large Bells hung for chiming only, but some of the Cathedrals have as many as three or four octaves of Bells, fixed rigid, and played automatically by means of carillon machinery. It is, however, only by "ringing" that the full tone of a bell is brought out. The illustration on page 58 shows a bell hung for ringing; by means of a rope attached to the wheel, the bell is gradually raised until it is quite inverted, and sets mouth upwards, being held in position by the stay resting in contact with the slider. At each pull of the rope the bell turns a complete revolution for every blow of the clapper.

**Bell-metal.**

Bell-metal is a mixture of copper and tin, the latter being approximately a fourth of the whole weight. Church Bells are particularly suited for memorial purposes; they last for centuries, and even when they become cracked, the market value of the metal represents fully one half of their original cost.

**Number of Bells.**

The usual number of Bells in a peal is eight (a diatonic octave) the weights being regulated by the size of the Belfry. The Bells (beginning with the smallest) are called the Treble, 2nd, 3rd, 4th, 5th, 6th, 7th, and Tenor, all differing in sizes and weights, the whole weighing from four to five times as much as the Tenor.

**Chimes.**

The Quarter Chimes of the Clock are struck on the 2nd, 3rd, 4th, and 7th Bells in a peal of eight, and the Hour on the Tenor.

**Tone and Tune.**

The shape of our Bells is designed to produce the best possible tone. Special attention is given to casting Bells true in tone, *i.e.*, with concordant harmonics, and the tuning is reduced to a minimum. One of our productions, the recast Tenor at St. Saviour's Cathedral, Southwark, weighing over 50 cwt., was *cast* exactly to the note required, and with its harmonics perfectly true. The general opinion of the tone and tune of our Church Bells is shown on pages 14 to 22 herein, but perhaps the greatest test of tuning is in long sets of Musical Handbells, where several are attuned to each note. To ensure perfect unison it is essential that each one should be of the same character, with the same relative harmonics.

**Handbells.**

A set of 172 Bells which we recently supplied, was reported upon by the Musical Judges at the Manchester Contest:—"Bells well in tune, nicely modulated, and of exquisite tone; eminent musicians say they are the most musical and mellow Peal of Bells they ever heard."

**Bell-Hanging.**

The most satisfactory material for frames at the present time is iron. These frames are supported on massive steel joists, and enable such rigidity to be obtained, that the heaviest bells can be rung with ease, they also lessen the amount of strain imparted to the tower walls.

Modern methods of hanging Church Bells have considerably reduced the labour of ringing. Perhaps the finest performance ever recorded in heavy bell ringing, was that at

St. Mary-le-Bow Church, Cheapside, recently when eight members of the Ancient Society of College Youths accomplished a peal of London Surprise Major (the most difficult method extant) in four hours, one man ringing the 53 cwt. Tenor and conducting the peal. These Bells originally cast at this Foundry, were rehung by us, and a report upon their condition is shown on page 19.

Other instances of Heavy Bell Performances on peals rehung by us are:—The peal of 6,048 of Kent Treble Bob Maximus in  $4\frac{3}{4}$  hours at St. Mary-le-Bow Church, Cheapside, on January 23rd, 1909. The peal of Cambridge Surprise Maximus in  $4\frac{1}{4}$  hours on January 28th, 1911, at St. Michael's, Cornhill, E.C. (twelve bells, Tenor 41 cwt.), and the 5,040 of Kent Treble Bob Maximus at Sheffield Parish Church, on March 11th, 1911, in  $3\frac{3}{4}$  hours (twelve bells, Tenor 41 cwt.) In this peal, the weight of the ringer of the Tenor, was only 9 st. 4 lbs.

**Inspections.**

Inspections promptly arranged, and estimates submitted for erecting New Rings, augmenting, or for rehanging, repairing or recasting existing ones.

In submitting this Catalogue, we beg warmly to acknowledge the support and the kind recommendations which we continue to receive, and, soliciting a continuance of such confidence, beg to state that our attention is exclusively given to the casting of Bells and the manufacture of their Fittings and Frames.

**MEARS & STAINBANK.**

PARTICULARS OF RINGING PEALS OF EIGHT BELLS.

BELLS.	Weight	Note	Weight	Note	Weight	Note	Weight	Note	Weight	Note	Weight	Note				
	cwt.		cwt.		cwt.		cwt.		cwt.		cwt.					
Tenor ...	30	C <sup>1</sup>	25	D	22	E <sup>b</sup>	20	E	18	E	14	F	12	F <sup>1</sup>	10½	G
7th ...	21	D <sup>1</sup>	17½	E	16	F	14½	F <sup>1</sup>	13½	F <sup>1</sup>	10½	G	9	G <sup>1</sup>	7½	A
6th ...	16	F <sup>1</sup>	13½	F <sup>1</sup>	12½	G	11½	G <sup>1</sup>	10½	G <sup>1</sup>	8½	A	7½	A <sup>1</sup>	6½	B
5th ...	14	F <sup>1</sup>	12	G	11	A <sup>1</sup>	10½	A	9½	A	7½	B <sup>b</sup>	6½	B	5½	C
4th ...	11	G <sup>1</sup>	9½	A	9	B <sup>1</sup>	8½	B	7½	B	6½	C	5½	C <sup>1</sup>	5	D
3rd ...	9½	A <sup>1</sup>	8½	B	7½	C	7½	C <sup>1</sup>	6½	C <sup>1</sup>	5½	D	5½	D <sup>1</sup>	4½	E
2nd ...	8	B <sup>1</sup>	7½	C <sup>1</sup>	6½	D	6½	D <sup>1</sup>	6	D <sup>1</sup>	5½	E	4½	E <sup>1</sup>	4	F <sup>1</sup>
Treble...	7½	C <sup>1</sup>	6½	D	6¼	E <sup>b</sup>	6	E	5½	E	5	F	4½	F <sup>1</sup>	3½	G
Total weight of Peal	117 cwt.		100 cwt.		91 cwt.		84 cwt.		77 cwt.		63 cwt.		55 cwt.		46½ cwt.	
Space required for the Bell Frames, if all the Bells be on one level.	17 feet square		16½ feet square		16 feet square		15½ feet square		14½ feet square		13¾ feet square		13 feet square		13 feet square	
Current cost of Bells Iron Frames and Fittings and erecting in the Tower, without carriage	£2,046		£1,776		£1,610		£1,493		£1,380		£1,160		£1,040		£910	

N.B.—Prices are regulated by the market value of Copper and Tin.

## DIAMETERS AND WEIGHTS.

The Bells in a Peal not being of uniform thickness, their sizes and weights do not always correspond, so no Table can show them exactly. The following, however, gives the medium weights.

Diameter.		Weight,	Note.	Diameter.		Weight.	Note.
Ft.	In.	Tons.		Ft.	In.	Cwt.	
6	0	$3\frac{1}{4}$	A $\sharp$	4	1	20	E $\flat$
5	10	3		3	11	18	E
5	8	$2\frac{3}{4}$	B	3	10	16	
5	6	$2\frac{1}{2}$		3	9	15	F
5	4	$2\frac{1}{4}$		3	8	14	
5	1	2	C	3	6	12	F $\sharp$
5	0	$1\frac{7}{8}$		3	3	10	G
4	10	$1\frac{3}{4}$	C $\sharp$	3	2	9	G $\sharp$
4	8	$1\frac{1}{2}$		3	0	8	A
4	6	Cwt. 27	D	2	10	7	A $\sharp$
4	4	24		2	8	6	B
4	2	22	D $\sharp$	2	6	5	C

## WEIGHTS OF SOME PEALS OF 12 BELLS SUPPLIED.

	BOW BELLS, CHEAPSIDE.	YORK MINSTER,	ST. PETER MANCROFT, NORWICH.	SHEFFIELD.	ST. PETER'S* LEEDS, YORKSHIRE.	OLDHAM.	MELBOURNE* CATHEDRAL.
	cwt. qrs. lbs.	cwt. qrs. lbs.	cwt. qrs. lbs.	cwt. qrs. lbs.	cwt. qrs. lbs.	cwt. qrs. lbs.	cwt. qrs. lbs.
Tenor	53 0 22	53 3 7	43 1 19	41 0 0	35 1 9	32 2 16	31 1 0
11th	34 1 6	33 1 7	28 2 2	29 3 23	25 3 9	25 2 25	22 2 16
10th	24 2 5	25 1 10	21 3 6	21 3 14	17 2 0	17 0 16	15 2 23
9th	20 2 26	19 3 4	19 1 27	17 0 21	13 0 21	14 3 17	14 0 4
8th	17 0 11	17 3 18	14 0 18	14 0 15	12 2 7	12 2 7	10 3 27
7th	13 2 4	14 1 2	11 2 7	11 3 6	10 1 9	10 1 4	9 1 10
6th	12 0 7	13 2 2	9 3 19	8 2 13	8 0 16	7 3 17	8 0 11
5th	10 1 4	9 2 15	9 0 5	8 1 24	7 3 5	7 3 14	7 3 22
4th	9 0 2	8 1 12	7 3 8	7 2 23	7 0 26	7 0 3	6 2 1
3rd	8 3 7	8 0 2	6 3 20	7 1 2	6 2 10	6 2 1	5 3 16
2nd	8 2 16	7 1 14	6 2 15	6 2 27	6 1 4	6 1 1	5 3 17
Treble	8 0 21	7 2 0	6 3 5	6 0 12	6 0 26	6 0 21	5 0 9
Cwt.	220 1 19	218 3 9	186 0 11	180 3 12	157 0 2	155 0 2	143 1 16

\* In both these Peals a Semi-tone Bell also was supplied.





**PEAL OF 8.** LAUDATE DOMINUM IN SANCTIS EJUS.  
(And other lines from the 150th Psalm.)

---

Treble. WE GIVE THANKS TO THEE FOR THY GREAT GLORY  
O LORD GOD, HEAVENLY KING,  
GOD THE FATHER ALMIGHTY.

2nd. WE GLORIFY THEE.

3rd. WE WORSHIP THEE.

4th. WE BLESS THEE.

5th. WE PRAISE THEE.

6th. O LORD, SAVE THY PEOPLE,  
AND BLESS THINE HERITAGE.

7th. O, COME LET US SING UNTO THE LORD.

Tenor. TO THE GLORY OF GOD,  
THIS PEAL OF EIGHT BELLS  
WAS ERECTED, ETC.

---

Treble. VENITE EXULTEMUS DOMINO.

2nd. TE DEUM LAUDAMUS.

3rd. BENEDICITE OMNIA OPERA DOMINI DOMINO.

4th. BENEDICTUS DOMINUS DEUS ISRAEL.

5th. JUBILATE DEO OMNIS TERRA.

6th. MAGNIFICAT ANIMA MEA DOMINUM.

7th. CANTATE DOMINO CANTICUM NOVUM.

Tenor. NUNC DIMITTIS SERVUM TUUM DOMINE IN PACE.

---

**PEAL OF 6.**

Treble. IN TE CONFIDIMUS.

2nd. TE LAUDAMUS.

3rd. TIBI BENEDICIMUS.

4th. TE ADORAMUS.

5th. TE GLORIFICAMUS.

Tenor. TIBI GRATIAS AGIMUS,

---

HEAR MY VOICE, O GOD.

MY LIPS SHALL PRAISE THEE.

O COME, LET US SING UNTO THE LORD.

O LET MY MOUTH BE FILLED WITH THY PRAISE.

THERE SHALL BE UPON THE BELLS, HOLINESS TO THE LORD.

EVERY TONGUE SHALL CONFESS THAT JESUS CHRIST IS LORD.

REJOICE WITH THEM THAT DO REJOICE,  
AND WEEP WITH THEM THAT WEEP.

THROUGH ALL THE CHANGING SCENES OF LIFE  
IN TROUBLE AND IN JOY.

LIFT UP YOUR HEARTS.

O PRAISE OUR GREAT AND GRACIOUS LORD  
AND CALL UPON HIS NAME.

WHEN SWEETLY CHIMES THIS BELL,  
O'ER SEA AND HILL AND DELL,  
MAY JESUS CHRIST BE PRAISED.

LORD, MAY THIS BELL FOR EVER BE,  
A TUNEFUL VOICE O'ER LAND AND SEA,  
TO CALL THY PEOPLE UNTO THEE.

DAY BY DAY WE MAGNIFY THEE.

THUS EVERMORE SHALL RISE TO THEE  
GLAD HYMNS OF PRAISE FROM LAND AND SEA.

AND CHILDREN'S VOICES ECHO  
ANSWER MAKING—HALLELUIA.

To the Honour and Glory of God  
And in Loving Memory of

This Bell was Presented by

PEACE COMMEMORATION.

THANKS BE TO GOD WHICH GIVETH US THE VICTORY,  
THERE IS NONE OTHER THAT FIGHTETH FOR US.

## RECENT REPORTS ON NEW PEALS AND RESTORATIONS.

WESTMINSTER ABBEY

*From the* CHAPTER CLERK, 1919.

*A Treble and Second added, the Third recast: the whole tuned  
and hung in a new iron frame.*

Dear Sirs,

First of all I should like to congratulate you very heartily on the great success of the Peal of Bells. It must have been a great gratification to you to be associated with such an important National enterprise. Everyone has remarked on the beauty of the tone.

HAMMERSMITH, St. Peter's.

*From the* CHURCHWARDEN, 1916.

*New peal of 5 bells.*

I take this opportunity to congratulate on the excellent work you have done in this matter. The reputation of your old firm has been well sustained.

CARLISLE, St. Stephen's.

*From the* CHURCHWARDEN, 1911.

*The peal of 8 rung with new fittings.*

The Bells are to be rung on Easter Day, and if they give the satisfaction then as they did when they were tried by your men, we shall be very satisfied. May we congratulate your Assistant through you on the completion of the work. He was a diligent and enthusiastic workman of whom any firm ought to be proud.

WINNIPEG, St. Luke's, Canada.

*From the* DONOR, 1911.

*New peal of 8 bells. Tenor 20 cwt.*

The Bells were rung on Sunday last for the first time. We were greatly pleased with them, and I think I am right in saying that they gave perfect satisfaction to the congregation. I have to thank you for the prompt manner in which you attended to my order.

CHIGWELL ROW, Essex.

*From the* RECTOR, 1911.

*New peal of 6 bells. Tenor 14 cwt.*

The Bells are giving us general satisfaction. The verdict is that they are tuneful and all that we could desire.

WOBURN, Beds.

*From the* CHURCHWARDEN, 1910.

*New peal of 8, Tenor 25 cwt.*

His Grace the Duke of Bedford is quite pleased with the new peal. I think they are admired generally, and I congratulate you on making such a satisfactory job.

**BODMIN, Cornwall.***From the VICAR, 1910.  
The peal of 8 recast and rehung in new Fittings and Frame.*

The work of tuning, framing and rehanging the eight bells has been carried out promptly, thoroughly, and to the entire satisfaction of the Vicar, Wardens, and Church Council. The tone of the peal is immensely improved, and the "go" of the bells is most highly spoken of by the Diocesan Guild of Ringers under whose auspices the bells were re-opened.

---

**BLACKPOOL, R.C. Church.***From the RECTOR, 1910.  
New peal of 8 bells. Tenor 14 cwt.*

I enclose cheque, and have never drawn a cheque with greater pleasure. The bells have succeeded in pleasing everybody, no mean accomplishment, and, as far as I know, not one adverse criticism has been hinted at. I am deeply grateful to your firm for your good work, and the obliging disposition of your workmen.

---

**MARK, Somerset.***From the RECTOR, 1910.  
Two bells recast, and the peal rehung.*

I have pleasure in enclosing cheque due to you. I shall be very pleased to recommend your excellent work to any of my friends.

---

**EPPING, Essex.***From the VICAR, 1910.  
20 cwt. bell in Frame for eight.*

We are all more than satisfied with the Tenor bell. It is quite unusually beautiful in tone.

*On augmentation to eight. From the DONOR, 1913.*

The bells are a delightful peal.

---

**HIGH WYCOMBE, Bucks.***From the SEC. OF RINGERS, 1910.  
A Treble and a 51 cwt. Tenor added, two bells recast and the peal rehung in new Fittings and Frame.*

By a resolution passed at the annual meeting of the High Wycombe Belfry, presided over by the Vicar, I was instructed to convey to your firm the admiration expressed by the whole of the company for the very excellent manner in which the whole work of augmenting and restoring the bells of the Parish Church has been carried out. The "go," "tone," and "even clapping" of the whole peal of twelve, leave nothing to be desired.

COCKINGTON, Devon.

*From* INSTRUCTOR OF RINGERS, 1910.*New peal of six bells, Tenor 8½ cwt.*

I think you may be pleased to hear that my friends are very delighted with the "tone" and "go" of the bells. The work reflects great credit on your firm, and should be a good advertisement for you down this way. I need hardly say we always prefer your Bells, having had the pleasure of ringing on many peals of yours.

---

NEW ROMNEY, Kent.

*From the* DONOR, 1909.*Recasting Tenor. Seventh and Fourth, and re-hanging the peal.*

We tried our Bells yesterday, and they were a great success. My ringers were delighted with the re-hanging, and admired the tone of the three re-cast Bells, and also the improvement in the general tone of the Peal. I can only thank you for the exceptionally pleasant way your firm has carried out the work, and for the promptness with which you attended my order.

---

STEEPLE, ASHTON.

*From the* VICAR, 1915.*Recasting Third and Fourth. Re-hanging peal.*

I have pleasure in enclosing cheque in liquidation of our account for repairing the Church Bells. They sound much sweeter than they have ever done before, and the ringers are highly pleased with the improved action.

---

GUERNSEY, St. Joseph's R.C. Church.

*From the* RECTOR, 1909.*New peal of eight, Tenor 10½ cwt.*

The splendid Peal of Bells which you have erected in my Church gives unqualified satisfaction. Their sweetness of tone excites the admiration of every one who hears them, and the local newspapers are loud in praise of the Bells. I cannot speak too highly of the thoroughly business-like way in which you have carried out all the arrangements.

---

CHAWTON, Hants.

*From the* RECTOR, 1909.*Re-hanging peal of six.*

I enclose cheque in payment of your account for re-hanging the Bells of this Church. We are very much pleased with the way in which the work has been carried out.

COCKINGTON Devon.

*From the VICAR, 1909.**New set of four bells (another now being added).*

I enclose cheque in payment of the account attached. It is a very great pleasure to us all to know that in every sense of the word the work you have done is so eminently satisfactory. The Bells are beautiful in tone, splendidly in tune, and in both ringing and chiming, more than fulfil the expectations we had when we placed the work in your hands.

---

WARGRAVE, Oxon.

*From the CHURCHWARDEN, 1916.**New peal of 8 bells. Tenor 17 cwt*

I cannot help writing to tell you that I heard our Bells last Sunday, they are beautiful; to me they are the most evenly balanced peal I ever heard, they are grand.

---

BISLEY, Gloucestershire.

*From the VICAR, 1914.**Re-hanging New Gudgeons and Bearings.*

Dear Sir,

Herewith I enclose our cheque, the Bells are running splendidly, and we are all very pleased with the work; it has been completed to our entire satisfaction,

---

NORWICH, St. John de Sepulchre.

*From the VICAR, 1903.**Two new Trebles to make a peal of eight.*

We are greatly pleased with the tone of the new Bells, which is very sweet, and they are perfectly in tune, which is a great success on your part, as apparently they are virgin Bells.

---

SHROTON, Dorset.

*From the RECTOR, 1903.**Treble and Second recast, and peal rehung in new Fittings and Frame.*

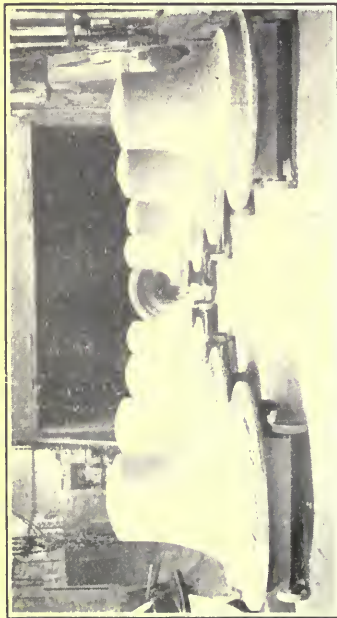
As to your work on the Bells, I am very pleased indeed with it, and having rung them myself can testify to the excellent "go." It is a very pretty bit of work, and everybody is glad to have the Peal in such good tune. I should like to give a special word of praise to the two men you sent to do the work here. It was a pleasure to have dealings with them.

---

CHICAGO, The University.

*From the PRINCIPAL, 1903.**New peal of ten. Tenor 22 cwt., hung for ringing.*

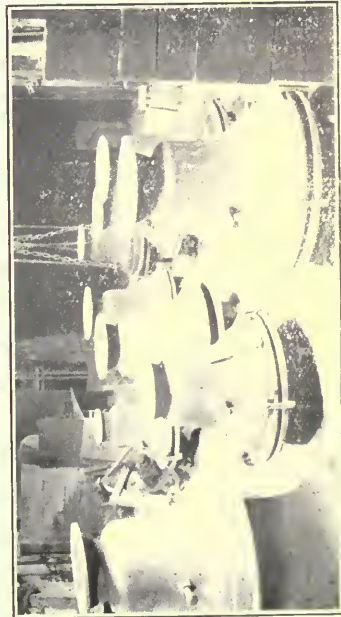
The Bells constitute a very superior Peal.



"Cores" or Moulds for Inner Shape of Bell.



"Copes" or Moulds for Outer Shape of Bell.



The Moulds complete ready for the Casting.



The Bells finished.

FIG. 10. Four Bells above, Ten or 12 cwt., were cast for Uckfield Church, Sussex, A.D. 1905.







COLWYN BAY, St. Pauls.

*From the DONOR, June, 1911.**New Tenor Bell 20 Cwt.*

I have been looking at Clocks and listening to Bells in Wales, Lancashire and Yorkshire, and I think the tone of your Tenor Bells is more musical and richer than any others which I have heard. The same opinion is held by the Vicar of Glanadda, who is President of the North Wales Bell-Ringers Association, and is very musical.

---

WHITTINGTON, Salop.

*From the RECTOR, June, 1911**Two Tenors & Treble added and Peal rehung.*

You may like to know that the Dedication ceremony passed off well yesterday. We are all as pleased as can be with the quality of the new bells and the general effect of the whole peal. We had a band of expert ringers from Oswestry, who, besides ringing at the services, gave peals at different times. I may say that during my fifteen years here, no addition to the Church has given so much pleasure and satisfaction as this,

---

WRINGTON, Somerset.

*From EXPERT called in to pass the Work, November, 1911.**Rehanging the bells in Iron and Steel Framework, Iron Stocks and adding 4 Trebles to make ten. Tenor 57 cwt.*

It is with much pleasure that I am able to state that the re-hanging and re-tuning of the old peal of six bells, and the adding of four Trebles, at Wrington Church, Somerset, has been done in a thorough manner throughout.

As an Engineer and a Change Ringer, I appreciate the thorough engineering knowledge that has been brought to bear in the designing and the workmanship, and from a musical point, the four new bells and the re-tuning of the old, leave nothing to be desired.

*(Signed)* J. H. B. H.,  
Member of Ancient Society of College Youths,  
and Bath & Wells Diocesan Association, etc.

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WREXHAM, N. Wales.

*From the ARCHITECT, 1908.**Peal of ten, Tenor 25 cwt., quarter-turned and rehung in new Fittings and Wrought Steel Frame.*

I had a good long time at Wrexham on Friday, and I consider the "go" of the Bells to be excellent.

*From the VICAR, 1908.*

Kindly send me receipt for enclosed cheque. The Bells run splendidly, and they are much improved by the tuning.

## GREAT YARMOUTH.

*From the VICAR, December, 1911.**Recasting and rehanging the 11th and Tenor bells.*

The bells were rung for the first time last night, and I am more than pleased with the depth and richness of the tone, especially of the Tenor which is a magnificent note. The peal has gained immensely by your work.

*Extract from the "BELL NEWS."*

. . . . They are two splendid bells, and to-day Great Yarmouth has a better peal of bells than it ever had before. To tell you how well they go, Mr. R. Christian, one of our smallest members and over 70 years of age, rang the Tenor (30 cwt.) to a 576 of Bob Major without the least exertion, and I cannot over-estimate the praise and credit due to the firm of Mears & Stainbank, for the way in which they carried out the work of taking down the old bells and replacing the new ones ready for ringing.

## CHELTENHAM, Glos.

*From the ARCHITECT, March, 1912.**Adding two Trebles and rehanging the peal of twelve in new Fittings and Framework*

This peal just augmented by your firm from ten to twelve, are now I consider, a first rate peal. The "go" of the bells is perfect, and the new Trebles are beautiful ones. The frame is an excellent piece of work and design. To cast such comparatively small Trebles for twelve bells, reflects great credit on your skill as Bell Founders. The tuning carried out to the Tenor and the rest of the old bells, has vastly improved the whole peal. I am a Change Ringer, as you know, of many years standing, and should be delighted to reply to any questions from authorities who want their bells rehung, tuned or augmented

## WORKSOP PRIORY.

*From the RINGING MASTER, June, 1912.**Rehanging the peal of eight bells with new gudgeons and bearings.*

I have waited to write you about our bells until after we had had some experience of them, and I have now great pleasure in saying that the whole work which you carried out for us is satisfactory in every way. Since the bells were reopened in August, 1911, I have lost no opportunity in ascertaining the opinion of the most prominent and oldest ringers in the district, and all declare the bells go better now than ever; and as they hang in a frame of very peculiar design, the greatest credit is due to you for making them so nice and easy to ring. Your bell-hanger was a diligent and painstaking workman, of whom any firm ought to be proud.

SOUTH LEIGH, Oxon,

*From the VICAR, 1907.**New peal of eight. Tenor 10 cwt.*

I have waited to write you about our Bells until after the opening and some little experience of them. I think you have cast for us a very sweet-toned Peal, of considerable carrying power and excellently balanced in tone. The opinion of every one is that you have done very well for us. It has been our ambition for many years to have a Peal of your Bells cast all at one time, and we are not dissatisfied.

---

CHEAPSIDE, London (St. Mary-le-Bow.)

*From the RECTOR, 1907.**Relighting peal of twelve. Tenor 55 cwt., in the old Frame.*

The famous Peal, "Bow Bells," originally Cast at the Whitechapel Foundry, has been for some years in bad ringing order, which was made worse by their being touched by unskillful hands. Recently they have been entrusted to MEARS AND STAINBANK, who contracted to place them in Pealable condition without our going to the expense of a new Frame, and the contract has been carried out in spite of great difficulties, with perfect success, as was shown by the fact that on Saturday, January 19th, 1907, a Peal of 5,088 changes was rung on the Twelve Bells in the space of four hours. The Vestry has now agreed that this Firm shall periodically inspect the Peal so that this good order may be maintained.

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OAKVILLE, Ontario, Canada,

*From the RECTOR, 1906.**New peal of nine bells, Tenor 15 cwt., with Fittings and Framework.*

The Bells were set up without any difficulty and are very satisfactory. I was prepared to be very critical. I made it a point to visit Churches in Ontario where there are Bells, and in no case did I hear a Peal or Chime that I considered satisfactory. Sometimes the tone, but more often the tuning, was at fault. I am glad that the tone of our Bells is so sweet and pure, and that they are so excellently tuned. These nine Bells are a credit to your Firm, and will, undoubtedly, be a standing advertisement in this part of Ontario. Not only the Churchwardens and members of the Bell-Committee, but the townspeople as well, are loud in their praises. In addition, our business relations with you have been very pleasant, and I can, with a good conscience, heartily recommend any Church proposing to set up Bells, to place their order with MEARS & STAINBANK.

TWINEHAM, Sussex.

*From the* RECTOR, October, 1912.

*Two Trebles added, the Tenor recast, and the peal rehung in new  
Fittings and Frame.*

We feel that you are to be congratulated on the splendid result of your work in our Belfry. You have made a most excellent splice, in fact we never ventured to hope for so capital a blend of the old bells with the new. The new bells and the recast Tenor are admired by all for their beautifully mellowed tone, and the whole ring is spoken of by expert ringers as a great success, and well worthy of the great name of your firm.

---

CHIPPING BARNET, Herts.

*From the* RECTOR, January, 1913.

*Rehanging the peal of eight, Tenor 2½ cwt. with new gudgeons,  
and bearings.*

Our bells have been in use for nearly three months since you completed the work. I wish to say that the Charchwardens and I and the ringers are quite satisfied, and that we are of the opinion that the advice which you gave, and the work that you executed, were the best that we could have had.

---

HINGHAM, Mers., U.S.A.

*From the* TREASURER, February, 1912.

*New peal of eleven bells hung for "ringing" Tenor 20 cwt.*

May I at this time, on behalf of the Committee, express our appreciation of your attention and interest during our entire relation, with the result that our peal is highly satisfactory in every way, and is a source of great pleasure and gratification to all of us.

---

BLECHINGLY, Surrey.

*From the* CHURCHWARDEN, March, 1913.

*Recasting four bells and rehanging peal of eight.*

I am pleased to say that the ringers have asked me to say that they think your Bell-hanger has carried out the work in a very satisfactory manner. The tone of the peal is considered to be much improved, and everyone who has heard the bells ringing, is pleased with them.

---

TWYFORD, Perks.

*From the* RINGING MASTER, April, 1913.

*New peal of eight bells Tenor 12 cwt.*

My knowledge of your previous castings and hangings have I am glad to say been fully justified. I would like to say how pleased I am with the tone and go of the bells, which all ringers who have heard them endorse.

HARRINGWORTH, Northants.

*From the VICAR, June, 1913.*

*Adding a Treble recasting 2nd and rehanging peal in new  
Fillings and Frame.*

The whole work seems to have given entire satisfaction to everyone, and we are especially pleased with the tone of the new Treble and the recast bell. Thanking you for the excellent way you have carried out the work.

---

BUTCOMBE, Somerset.

*From the CHURCHWARDEN, December 31st, 1913.*

*Four Bells recast, two added to make six.*

The bells are going splendidly, and we are all more than delighted with the lovely tone and music we get from them, they quite charm our little village. They are well hung, and the work has been done in a very satisfactory manner.

---

TEWKESBURY ABBEY.

*From Rev. CANON SMITH, June 11th, 1914.*

*Two Trebles added to make peal of 10 and 5th recast Tenor 25 cwt.*

I have much pleasure in enclosing cheque in payment of of your account, and I must thank you very warmly for the promptitude with which you executed the work. To say that the peal of ten bells is now a perfect peal is not saying more than the truth, and your representative who was here on Saturday will have told you how very beautiful they sound. All the experts are loud in their praises, especially of the bell which you have just recast.

---

HERTFORD, All Saints.

*From the REFEREE, (Major Baker.) 1907.*

*New peal of ten, Tenor 25 cwt., hung in Wrought Steel Frame.*

I have been a practical Ringer for 30 years, and have taken part in ringing all over the Country. I have heard no Peal of their weight to surpass them. They have delighted the people of Hertford.

---

ST ALPHONSE, Co. Chicoutimi, Canada.

*From the CURÉ. 1905.*

*Set of three bells, Tenor 16½ cwt.*

These English Bells are very beautiful. The old American bell alone was earsplitting. The three bells from London have so much harmony, that one could listen to them all day.

# Peals of Church Bells supplied by the Foundry.

## TO BEDFORDSHIRE.

Date		No. of Bells	Wgt. of Tenor cwt.
1782	Caddington	6	... 9
1776	Dunstable	8	... 21
1841	Houghton Conquest	6	... 12
1787	Leighton Buzzard	10	... 26
1775	Luton	8	... 17
1792	Toddington	8	... 22
1898	Willington	6	... 9
1910	Woburn	8	... 25

## TO BERKSHIRE.

1862	ASCOT PRIORY	1	... 52
1764	Abingdon	10	... 20
1847	„ St. Peter's College	3	... 30
1862	Appleton	10	... 14
1880	Beenham Vallance	6	... 10
1840	Bisham	3	... 7
1871	Braywood	5	... 10
1808	Brightwell	6	... 11
1888	Burghfield	6	... 12
	Chilton	6	... 8
1862	Clewer	5	... 15
1775	Compton	6	... 9
1871	Drayton	8	... 9
1765	Long Wittenham	6	... 9
1896	Mortimer, St. Mary	8	... 12
1896	„ St. John	6	... 8
1890	Padworth	6	... 7
1791	Reading, St. Giles	8	... 15
1880	Sandhurst	6	... 8
1908	Shrivenham	6	... 11½
1809	Speen	6	... 13
1913	Twyford	8	... 12
1868	Theale	6	... 13
1738	Wallingford	8	... 21
1809	Waltham		
	St. Lawrence	6	... 11
1915	Wargrave	8	... 18

## TO BUCKINGHAMSHIRE

1806	Aston Clinton	6	... 13
1773	Aylesbury	8	... 22
1884	Beaconsfield	8	... 21

## To Buckinghamshire—contd.

Date		No. of Bells	Wgt. of Tenor cwt.
1782	Buckingham	8	... 27
1798	Chalfont St. Peters	6	... 11
1812	Chesham	6	... 17
1826	Chenies	6	... 10
1862	Cliefden	5	... 7
1683	Denham	8	... 24
1823	Eddlesborough	6	... 15
1823	Ellesborough	6	... 9
1765	Eton College	3	... 17
1752	Farnham Royal	8	... 12
1789	Great Brick Hill	6	... 14
1719	Great Marlow	8	... 16
1908	Hedgerley	5	... 6
1919	Hitcham	6	... 6
1878	Lane End	6	... 6
1781	Linslade	5	... 7
1768	Long Crendon	8	... 19
1849	Penn Street	3	... 10
1862	Shalstone	5	... 8
1912	Upton (Slough)	8	... 17½
1900	Wingrave	6	... 15
1762	Woburn	8	... 19
1911	Wycombe, High	12	... 31
1914	Waysbury	8	... 9½

## TO CAMBRIDGESHIRE.

1722	Cambridge, St. Mary	12	... 30
1856	Harlton Park	3	... 7
1752	Leverington	6	... 17
1888	Tydd St. Giles	6	... 9
1825	Weston Colville	5	... 7

## TO CHESHIRE.

1865	Aldford	4	... 14
1907	Bebington	8	... 9
1868	Bidstone	6	... 5
1857	Capenhurst	4	... 4
1852	Castle Hall	8	... 15
1885	Chelford	6	... 9
1857	Chester, Handbridge	8	... 20
1837	Disley	6	... 8

## PEALS SUPPLIED.

## To Cheshire—contd.

Date		No. of Bells.	Wgt. of Tenor.	cwt.
1810	Eccleston	6	...	13
1890	Gawsworth	6	...	11
1853	Hyde	8	...	15
1903	Port Sunlight	8	...	15
1820	Prestbury	8	...	18
1859	Rockferry	5	...	5
1851	Runcorn	8	...	16
1896	Stockport,			
	St. George s	10	...	30
1853	Stayley, St. Paul	8	...	15
1896	Tarporley	8	...	10
1868	Upton	5	...	10
1846	Woodchurch	6	...	9

TO CORNWALL  
and CHANNEL ISLANDS.

1849	Alderney	6	...	12
1848	Baldhu	6	...	9
1846	Broad oak	5	...	5
1896	Callington	6	...	13
1896	Cardynham	8	...	15
1809	Constantine	3	...	5
1861	Falmouth	3	...	15
1909	Guernsey, St. Joseph's R. C. Church	8	...	10½
1786	Gwennap	6	...	8
1889	Illogan	6	...	8
1844	Jersey	6	...	11
1881	Lawhitton	6	...	9
1890	Lewannick	6	...	10
1898	Michaelstowe	5	...	8
1808	Penryn, St. Gluvias	6	...	13
1909	Pillaton	6	...	12
1744	Redruth	6	...	13
1850	St. Agnes	6	...	7
1866	St. Michael-Peukevel	4	...	10
1889	St. Sennen	5	...	6
1914	Talland	6	...	7

## TO CUMBERLAND.

1896	Aspatria	8	...	14
1830	Brampton	6	...	9

## To Cumberland—contd.

Date		No. of Bells.	Wgt. of Tenor.	cwt.
1865	Carlisle,			
	St. Stephen	8	...	15
1856	Cockermouth	8	...	13
1775	Keswick	6	...	12
1763	Penrith	6	...	12
1858	St. Bees	8	...	14
1858	Skirwith	3	...	8
1846	Thursby	6	...	7
1775	Workington	8	...	12

## TO DERBYSHIRE.

1895	Bakewell	8	...	17
1841	Bonsall	3	...	4
1878	Bretby	5	...	4
1820	Chesterfield	10	...	24
1881	Derby, St. Andrew	8	...	21
1818	„ St. Werburgh	8	...	17
1843	„ Town Hall	3	...	15
1905	Etwell	6	...	8½
1777	Lullington	5	...	12
1904	Matlock	8	...	14
1845	Osmaston	6	...	16
1841	Shardlow	6	...	12
1839	Stanton-in-Peak	6	...	10
1870	Youlgrave	8	...	27

## TO DEVONSHIRE.

1740	Ashburton	6	...	22
1790	Ashprington	5	...	8
1898	Axminster	8	...	26
1910	Beaford	6	...	12
1840	Bishops Teignton	6	...	10
1792	Bratton Fleming	6	...	15
1909	Brentor	5	...	5¼
1897	Calverleigh	5	...	5
1909	Cockington	6	...	8½
1754	Dartmouth,			
	St. Petrox	5	...	9
1822	Diptford	6	...	13
1802	Dittisham	6	...	13
1773	Exeter, St. Sidwell	10	...	24



## PEALS SUPPLIED.

To Devonshire—*contd.*

Date		No. of Bells.	Wgt. of Tenor. cwt.
1817	Exeter, St. David	8	... 12
1872	Germansweek	5	... 5
1841	Halberton	6	... 16
1836	Holsworthy	8	... 13
1826	Kenn	6	... 14
1876	Kingsbridge	8	... 13
1812	Malborough	6	... 12
1876	Meavy	6	... 8
1772	Newton Abbot	8	... 8
1825	Oakford	8	... 12
1856	Plymouth, Charles	10	... 24
1897	„ Stonehouse	8	... 12
1814	Poughill	5	... 8
1807	South Molton	8	... 24
1845	Sowton	8	... 9
1876	Thornbury	5	... 6
1818	Up-Ottery	6	... 19
1909	Wembury	5	... 6½
1879	West Teignmouth	8	... 14
1873	Winkleigh	8	... 20
1907	Woodleigh	5	... 6½
1913	Galmpton	4	... 6

## TO DORSET.

1905	Bourton	6	... 12
1896	Bradford Peverell	5	... 7
1868	Chardstock	6	... 15
1888	Childe Okeford	6	... 18
1852	Melbury Abbas	5	... 8
1820	Okeford Fitzpaine	6	... 11
1844	Shaftesbury, Holy Trinity	6	... 11
1898	Studland	4	... 7
1785	Wareham	8	... 17
1892	West Lulworth	6	... 11
1840	Wimborne	3	... 5

## TO DURHAM.

1822	Barnard Castle	6	... 17
1810	Bishops Wearm'th	6	... 11
1865	Darlington, St. Cuthbert	6	... 17
1849	Darlington, St. John	8	... 10

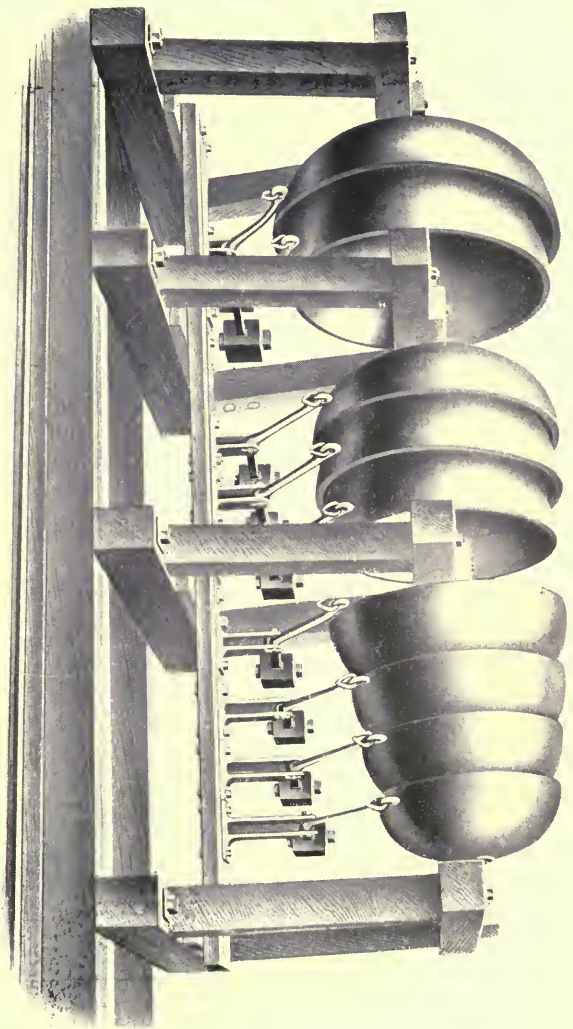
To Durham—*contd.*

Date		No. of Bells.	Wgt. of Tenor. cwt.
1851	Durham, St. Cuth- bert's College, Ushaw	3	... 12
1878	Frosterley	3	... 7
1788	Gateshead	8	... 14
1851	Hartlepool, R.C. Church	8	... 16
1830	Houghton le Spring	6	... 12
1810	Lanchester	6	... 9
1869	New Shildon	3	... 8
1886	South Shields, St. Hilda	8	... 9
1757	Staindrop	6	... 13
1908	Stranton	8	... 13
1825	Sunderland	8	... 14

## TO ESSEX.

1781	Baddow Great	8	... 13
1880	Bentley, St. Paul	5	... 4
1841	Bobbingworth	6	... 13
1858	Braintree	6	... 12
1887	Brentwood	8	... 20
1910	Chigwell	6	... 9
1910	Chigwell Row	6	... 14
1763	Colchester, St. Peter	8	... 21
1804	Dagenham	6	... 13
1913	Epping	8	... 20
1885	East Hanningfield	3	... 6
1876	Elmdon	6	... 11
1845	Greenstead Green	6	... 13
1822	Harwich	8	... 14
1897	Hatfield Heath	3	... 8
1779	Hornchurch	8	... 20
1900	Horndon on the Hill	5	... 5
1870	Hutton	5	... 7
1866	Ilford, Great	6	... 8
1877	Inworth	5	... 5
1880	Laindon Hills	6	... 12
1906	Leyton	6	... 7
1836	Leytonstone	6	... 13
1845	Lexden	3	... 7
1779	Nazeing	5	... 10
1795	Orsett	6	... 11
1872	Prittlewell	8	... 17
1841	Rayne	5	... 7





Set of eight Hemispherical Bells erected on Oak Framework, with Clinging Hammers attached



## PEALS SUPPLIED.

## To Essex—contd.

Date		No. of Bells	Wgt. of Tenor cwt.
1874	Rochford	3 ...	5
1888	Roydon	6 ...	8
1591	Runwell	4 ...	7
1830	Southminster	5 ...	12
1845	Stanway	3 ...	7
1780	Stebbing	5 ...	10
1742	Stisted	5 ...	10
1907	Tendring	6 ...	7½
1779	Thaxted	8 ...	17
1808	Wakering Great	5 ...	8
1777	Walthamstow	10 ...	19
1905	Wivenhoe	6 ...	8
1721	Woodford	6 ...	13
1811	Writtle	8 ...	19

## TO GLOUCESTER.

1912	Blaisdon	6 ...	7
1823-1912	Cheltenham	12 ...	22½
1824	Dursley	8 ...	13
1850	Highnam	3 ...	25
1894	Newnham	8 ...	17
1844	Risington-Wick	3 ...	7
1863	Staunton	6 ...	10
1850	Warmley	6 ...	11

## TO HAMPSHIRE.

## INCLUDING ISLE OF WIGHT.

WINCHESTER  
CATHEDRAL

Date		No. of Bells	Wgt. of Tenor cwt.
1911	Aldershot	8 ...	8
1811	Alresford, New	8 ...	17
1770	„ Old	6 ...	11
1756	Andover	8 ...	16
1771	Avington	6 ...	11
1917	Basingstoke	9 ...	12
1865	Bembridge	3 ...	5
1867	Boldre	3 ...	6
1844	Brown Candover	5 ...	7
1864	Buriton	5 ...	9

## To Hampshire—contd.

Date		No. of Bells	Wgt. of Tenor cwt.
1771	Carisbrooke	8 ...	20
1907	Cowes, Holy Trinity	8 ...	10½
1849	East Woodhay	5 ...	7
1775	Eling	6 ...	12
1872	Farleigh Wallop	3 ...	5
1890	Froxfield	6 ...	6
1890	Gosport	8 ...	9
1839	Harbridge	3 ...	6
1714	Havant	6 ...	16
1905-14	Laverstoke	6 ...	11
1753	Liss	6 ...	8
1838	Milford	5 ...	9
1862	Netley Hospital	3 ...	11
1865	Newtown	4 ...	6
1745	Petersfield	6 ...	15
1889	Portsea	8 ...	17
1877	Privett	8 ...	12
1764	Ringwood	8 ...	19
1790	Romsey	8 ...	25
1888	Shanklin, St. Saviour's	8 ...	18
1869	Sidmonton	6 ...	8
1784	Sopley	5 ...	7
1741	Southampton, Holy Rood	8 ...	16
1900	Tangley	5 ...	6
1896	Titchfield	6 ...	12
1766	Twyford	6 ...	12
1846	West Meon	8 ...	13
1907	Weyhill	4 ...	5½
1900	Wolverton	6 ...	8
1889	PORTSM' TH TOWN HALL Hour Bell of 4 Tons, dia- meter 75 inches, and four Quarter Bells.		
1850	3 Clock Bells for H.R.H. Prince Consort, for Osborne House.		

## PEALS SUPPLIED.

TO HEREFORDSHIRE and  
MONMOUTH.

Date		No. of Bells	Wgt. of Tenor cwt.
1848	Ewyas Harold	6 ...	7
1854	Felton	5 ...	6
1802	Llantharnham	6 ...	8
1870	Moreton-on-Lug	6 ...	7
1854	Stanton-upon-Arrow	6 ...	7
1857	Tedstone-de-la-Mere	5 ...	3

## TO HERTFORDSHIRE.

1734	Abbots Langley	6 ...	11
1871	Apsley End	6 ...	15
1807	Barley	5 ...	8
1892	Barnet, Chipping	8 ...	24
1882	Bengeo	8 ...	7
1889	Buckland	6 ...	7
1838	Gt. Berkhamstead	8 ...	18
1907	Hertford, All Saints	10 ...	25
1884	Hunsdon	8 ...	15
1732	King's Langley	8 ...	10
1864	Langlebury	6 ...	8
1765	Rickmansworth	8 ...	23
1866	Ditto, Chapel	3 ...	7
1739	Royston	8 ...	12
1803	St. Albans, St. Stephen	6 ...	10
1905	Stanstead Abbots	4 ...	5
1731	Ware	8 ...	22
1872	Waterfoot	3 ...	5

## TO HUNTINGDON.

1845	Brington	4 ...	4
1830	Corington	6 ...	13
1904	Huntingdon	6 ...	9

## TO KENT

1762	CANTERBURY CATHEDRAL: "Great Dunstan" Bell, weight $3\frac{1}{2}$ Tons. diameter 70 inches.		
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## To Kent—contd.

Date		No. of Bells	Wgt. of Tenor cwt.
1904	ROCHESTER CATHEDRAL, (except two)	8 ...	24
1771	Aldington	6 ...	14
1790	Ash by-Sandwich	8 ...	22
1884	Barming	6 ...	10
1629	Beclanham	6 ...	16
1884	Bekebourne	6 ...	8
1753	Benenden	8 ...	20
1712	Biddenden	8 ...	22
1804	Boibang	6 ...	9
1802	Borden	8 ...	21
1775	Boughton under- Luton	8 ...	12
1804	Boxley	6 ...	12
1783	Chart Sutton	6 ...	16
1881	Charing, St. Martin	6 ...	7
1753	Chiddestone	8 ...	20
1760	Chilham	6 ...	18
1801	Chatham	8 ...	23
1876	Crayke	8 ...	12
1866	Dartford	7 ...	8
1916	Dartford	8 ...	18
1887	Deal Upper	6 ...	10
1871	Deal, St. John	8 ...	14
1825	Deal, St. Paul	3 ...	11
1717	Eastling	6 ...	8
1842	Eastwell	6 ...	13
1763	Elham	8 ...	16
1712	Elmstone	3 ...	5
1794	Elham	6 ...	9
1763	Erith	8 ...	15
1913	Fairfield	3 ...	3
1868	Friestad	5 ...	7
1804	Frittenden	8 ...	13
1912	Geomesone	5 ...	8
1707	Gudherst	8 ...	27
1736	Gravesend	8 ...	19
1905	Gravesend	4 ...	$4\frac{1}{2}$
1731	Greenwich, St. Alphege	10 ...	26
1695	Hadlow	8 ...	13
1742	Harrietsham	8 ...	13
1861	Hawkhurst, All Saints	3 ...	6
1900	Hayes	6 ...	9

## PEALS SUPPLIED.

## To Kent—contd.

Date		No. of Bells.	Wgt. of Tenor. cwt.
1785	Hernhill	5	... 10
1703	Hever	6	... 9
1826	Horton Kirby	3	... 8
1762	Hothfield	5	... 9
1802	Hythe	8	... 20
1602	Kennington	6	... 12
1888	Keston	4	... 1
1844	Kilndown	6	... 16
1779	Lamberhurst	6	... 13
1840	Lee, St. Margaret	8	... 14
1871	Leigh	5	... 8
1777	Lewisham	8	... 21
1784	Mailstone, All Saints	10	... 32
1901	Ditto, St. Paul	5	... 8
1695	Malling, East	6	... 11
1785	Margate, St. John	8	... 23
1681	Milton-by-Sitting- bourne	5	... 11
1862	Mongeham, Great	5	... 8
1909	Nettlestead	5	... 5 $\frac{1}{2}$
1758	Northfleet	6	... 16
1812	Peckham, East	6	... 14
1760	Petham	6	... 7
1853	Puckley	6	... 14
1712	Tipton	5	... 9
1667	Queensborough	6	... 6
1601	Ridgham	6	... 20
1819	Rokinsden	8	... 16
1887	Ringwood	5	... 6
1779	Sandwich	8	... 16
1712	Sattesford	6	... 12
1888	St. El Chart	6	... 10
1766	Selling	8	... 10
1769	Sevenoaks	8	... 22
1801	Sheldwich	6	... 13
1803	Sherne	6	... 10
1623	Shoulden	3	... 5
1843	Sidcup	6	... 9
1617	Sittingbourne	8	... 20
1760	Smarden	5	... 19
1736	Spaldket	6	... 13
1819	Spaldhurst	9	... 13
1885	Staplehurst	8	... 20

## To Kent—contd.

Date		No. of Bells.	Wgt. of Tenor. cwt.
1808	St. Lawrence	8	... 18
1787	Stone-in-Oxney	6	... 13
1887	St. Peter's (Thanet)	8	... 15
1867	Swanley	3	... 6
1904	Swanscombe	8	... 18
1819	Thanet, Quex Park	12	... 15
1780	Throwley	6	... 13
1774	Tonbridge	8	... 20
1795	Tudeley	3	... 5
1843	Tunstell	6	... 9
1831	Wateringbury	6	... 8
1837	Westerham	8	... 18
1720	Wingham	8	... 19
1609	Wittersham	5	... 18
1821	Woolwich, St. Mary	8	... 13
1754	Wrotham	8	... 21
1774	Wye	8	... 23

## TO LANCASHIRE.

1805	Accrington	6	... 9
1908	Ansdell R. C. Church	8	... 10 $\frac{1}{2}$
1871	Ashton-under-Lyne St. Peter	12	... 27
1854	Bacup, Christ Ch.	6	... 10
1887	„ St. Saviour	8	... 10
1872	Balderstone, St. Mary	8	... 16
1832	Barlow Moor, Christ Church	8	... 18
1863	Birch-in-Rusholme	8	... 14
1920	Bispham	6	... 10
1908	Blackburn, St. Michael	8	... 12
1910	Blackpool R. C., Church of Sacred Heart	8	... 14
1867	Blackpool, St. John	8	... 13
1786	Blackrod	6	... 12
1877	Bolton le Moors, Holy Trinity	8	... 16
1857	Brookside	3	... 4
1884	Broughton	6	... 10

## PEALS SUPPLIED.

## To Lancashire—contd.

Date		No. of Bells.	Wgt. of Tenor. cwt.
1803	Burnley	8	... 17
1793	Chipping	6	... 9
1870	Chorlton-cum-Hardy	5	... 14
1844	Clitheroe, St. James	8	... 15
1814	Colne	8	... 16
1889	Crossens	6	... 8
1867	East Crompton	6	... 10
1815	Garstang	6	... 15
1871	Gorton Chapel	8	... 14
1863	Great Crosby	6	... 10
1844	Halliwell, St. Thomas	8	... 16
1869	Hamer	6	... 15
1830	Haslingden	8	... 16
1876	Haughton Dale, St. Mary	3	... 4
1867	Hindley, St. Peter	8	... 14
1887	Hoghton	8	... 13
1830	Horwich	6	... 11
1846	Hulme, Holy Trinity	8	... 16
1873	Huyton, St. Michael	6	... 19
1844	Kearsley Moor	6	... 9
1846	Kirkham	8	... 21
1844	Do. R.C. Church	6	... 15
1866	Leesfield	8	... 14
1855	Leyland, St. James	6	... 10
1830	Liverpool, St. Peter's	10	... 25
1857	Lytham, St. Cuth- bert	8	... 15
1875	Lytham, St. John	6	... 10
1894	„ St. Peter	6	... 11
1769	Manchester, St. John	8	... 20
1873	Moorside, Oldham	8	... 18
1888	Mossley	8	... 13
1851	Musbury	8	... 10
1874	Newchurch in Rosendale	8	... 14
1830	Oldham	12	... 33
1901	Padiham	8	... 16
1845	Prescot	8	... 15
1814	Preston, St. John	8	... 25
1874	„ St. Mark's	6	... 16
1867	„ Brown- edge R.C.	6	... 21

## To Lancashire—contd.

Date		No. of Bells.	Wgt. of Tenor. cwt.
1848	Rainbill R.C.	6	... 14
1871	Ramsbottom	4	... 5
1888	Rawtenstall	8	... 14
1822	Ribchester	6	... 13
1870	Rochdale, St. Alban's	8	... 18
1907	Shore	8	... 10
1811	Singleton Great	6	... 6
1864	Southport, Christ Church	8	... 10
1856	Stand, All Saints	8	... 21
1845	St. Helens, St. Thomas	6	... 9
1868	Todmorden Chapel	8	... 14
1830	Ulverston	6	... 13
1760	Walton-le-Dale	6	... 15
1840	Warrington, St. Paul	6	... 14
1859	West Derby, St. James	6	... 12
1855	Whalley	6	... 15
1896	Wigan, St. James	8	... 26

TO LEICESTER and  
RUTLAND.

1826	Cole Orton	6	... 7
1840	Grooby	5	... 7
1830	Leicester, St. Mary	8	... 18
1876	Leicester, Town Hall	5	... 21
1814	Ratcliffe-on-the- Wreake	4	... —
1772	Uppingham	8	... 16

## TO LINCOLNSHIRE.

1835	LINCOLN CATHEDRAL— "Great Tom," weight 5½ Tons. diameter 6ft. 10½in.		
1853	Amcotts	3	... 5

(For continuation of Lincolnshire,  
see page 31.)

## PEALS SUPPLIED.

## TO LONDON.

ST. PAUL'S CATHEDRAL, Clock Bells, A.D. 1709, viz.,  
Hour Bell 5 Tons, Diameter 82 inches, and 2 Quarter Bells,

The original Contract (in our possession) being dated July 8th, 1709.

Date		No. of Bells.	Wgt. of Tenor. cwt.
1764	Aldgate, St. Botolph	8	28
1871	Bethnal Green, St. John	3	10
1861	Bethnal Green, St. Matthew	8	14
1870	Bethnal Green, St. Thomas	5	9
1780	Bishopsgate Street, Great St. Helen's	3	5
1760	Bow (Stratford), St. Mary	8	14
1762	Cheapside, Bow Church	12	53
1846	Chester Square, St. Michael	3	13
1789	Clerkenwell, St. James	8	22
1746	Cornhill, St. Michael	12	41
1771	Cripplegate, St. Giles	12	36
1787	Eastcheap, St. Mary at Hill	3	12
1832	Fleet Street, St Dunstan	8	19
1662	Hart Street, St. Olave's	6	15
1894	Kensington South, St Mary's Priory...	8	22
1843	Knightsbridge, St. Paul's, Wilton Place	3	22
1597	Leadenhall Street, St. Andrew Undershaft	6	13
1754	" " St. Katherine Cree	6	10
1830	Lombard Street, All Hallows	10	20
1850	Pimlico, St. Barnabas	10	20
1855	" St. Gabriel	8	16
1822	Poplar, All Saints	10	25
1854	" Christ Church (Isle of Dogs)	8	12
1739	Shoreditch, St. Leonard	12	31
1837	Spitalfields, Christ Church	8	34
1820	Shadwell, St. Paul	8	16
1807	Stepney, St. Dunstan	10	31
1751	St. George-in-the-East	8	30
1865	St. Marylebone, Christ Church	3	10
1714	Thames Street, St. Magnus	10	23
1854	Tower of London Chapel	3	8
1813	Tower Street, All Hallows', Barking	8	19
1738-1919	WESTMINSTER ABBEY	8	28½
1850	Westminster, St. Stephen	8	24
1844	" St John	3	10
1754	Whitechapel, St. Mary Matfelon	8	20
1885	" St. Boniface, R.C. Church	4	10

HOUSES OF PARLIAMENT, "The Great Hour Bell," weight  
13½ Tons, diameter 9 feet, cast 1858.

## PEALS SUPPLIED.

### TO MIDDLESEX AND LONDON SUBURBS.

Date		No. of Wt. of	
		Bells.	Tenor. cwt.
1865	Barnsbury, St. Clement ... ..	3	5
1871	Brook Green, R.C. Church...	8	14
1824	Chelsea, St. Luke ... ..	10	22
1869	Clapton, Upper, St. Matthew	8	14
1887	Dalston, St. Philip ... ..	6	12
1852	Ealing, Christ Church ... ..	8	14
1911	„ St. Stephen's ... ..	8	14
1786	Hackney, St. John ... ..	8	24
1848	„ South, St. John ... ..	8	20
1873	Hampstead, Christ Church ...	3	6
1867	Haverstock Hill, St. Dominick's	3	6
1853	Highgate Rise, St. Anne ... ..	8	15
1890	Homerton, St. Paul ... ..	6	9
1847	„ St. Barnabas ... ..	3	5
1775	Islington, St. Mary... ..	8	16
1856	„ Market ... ..	3	30
1916	Ravenscourt Park, St. Peter's	5	7
1865	Stamford Hill, St. Ann ... ..	6	8
1828	Stoke Newington, St. Mary	6	7

#### N. OF LONDON.

Date		No. of Wt. of	
		Bells.	Tenor. cwt.
1724	Enfield	8	19
1770	Finchley, St. Mary	6	9
1890	Harrow Weald	6	8
1771	Pinner	5	19
1812	South Mimms	6	12
1874	Southgate, Christ Church	10	24
1790	Willesden, St. Mary	8	9
1874	Wood Green, St. Michael	6	10

#### W. OF LONDON.

Date		No. of Wt. of	
		Bells.	Tenor. cwt.
1899	Feltham	8	12
1831	Hampton	8	13
1782	Hanworth	3	7
1800	Harlington	6	8
1800	Hayes	6	14
1856	Heston	8	14
1767	Isleworth	8	18
1734	Staines	5	17

*(Suburbs South of the Thames, see Surrey.)*



## PEALS SUPPLIED.

## To Lincolnshire—contd.

Date.		No. of Bells	Wgt. of Tenor cwt.
1834	Ashby de la Launde	5	... 7
1759	Ashby West	3	... 8
1862	Auborne	3	... 8
1819	Blankney	5	... 10
1868	Boston, St. James	3	... 3
1766	Fleet	6	... 14
1764	Gain borough, All Saints	8	... 19
1764	Hemingby	3	... 6
1808	Hogsthorpe	6	... 12
1809	Huttoft	3	... —
1807	Kinton in Holland	8	... 16
1825	Langton by Partney	6	... 10
1723	Lincoln, St. Botolph	5	... 7
1873	„ St. Peter at Gowts	6	... 8
1865	Nocton	6	... 8
1868	North Willingham	3	... 6
1822	Owston	6	... 12
1840	Ranby	3	... 7
1865	Skullington	5	... 7

## TO MONMOUTHSHIRE.

1914	Wolves-Newton	3	... 5
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## TO NORFOLK.

1900	Burgh, St. Margaret	3	... 6
1874	Cromer	6	... 12
1753	East Dereham	8	... 24
1819	Felmingham	6	... 11
1844	Freston	6	... 7
1754	Fundonhall	5	... 8
1896	Garston	5	... 7
1856	Haveringham	3	... 8
1838	Hederham	6	... 7
1840	Heydon	6	... 7
1860	Honingham	5	... 7
1765	King's Lynn	10	... 30
1844	Lidcomb, New	3	... 7
1833	Norwich, St. Martin	6	... 13
1818	Norwich, St. Gregory	6	... 11
1765	„ St. John Madde market	6	... 12

## To Norfolk—contd.

Date		No. of Bells	Wgt. of Tenor cwt.
1775	Norwich, St Peter Mancroft	12	... 43
1907	„ St. Stephen's	3	... 4
1825	Reedham	5	... 8
1850	Roydon	3	... 9
1841	Sheringham, Upper	6	... 7
1899	Watton	6	... 8
1868	West Raynham	3	... 10
1767	Wiggenhall	6	... 12
1780	Wroxham	6	... 9
1807	Yarmouth, St. Nicholas	12	... 30

## TO

## NORTHAMPTONSHIRE.

1847	Guiltsboro'	6	... 9
1817	Harrington	6	... 9
1829	Itthlingboro'	6	... 11
1893	Moreton Pinkney	5	... 12
1782	Northampton, All Saints	8	... 23
1843	Orlbury	5	... 12
1850	Stamford Baron	6	... 14
1809	Tiffeld	3	... 8
1777	Whilton	6	... 10

## TO NORTHUMBERLAND.

1900	Fanburgh	8	... 14
1754	Berwick-on-Tweed	8	... 21
1919	Blyth	8	... 8½
1892	Embleton	6	... 12
1741	Hexham Abbey	8	... 21
1797	Newcastle, All Saints	8	... 19
1726	Litto, St. Andrew's	6	... 18
1769	North Shields	10	... 18
1893	Rothbury	8	... 14

## PEALS SUPPLIED.

## TO NOTTINGHAM.

Date		No. of Bells.	Wgt. of Tenor. cwt.
1840	Averham	6 ...	13
1897	Daybrook	8 ...	10
1889	Edwinstowe	6 ...	6
1902	Gedling	4 ...	10½
1771	Nottingham,		
	St. Peter	8 ...	21
1876	Perlethorpe	6 ...	6
1835	Retford, East	8 ...	24
1842	South Collingham	5 ...	7
1826	Sturton-en-le-		
	Steepie	5 ...	12

## TO OXFORDSHIRE.

1883	Bladon	6 ...	6
1842	Blenheim	3 ...	8
1843	Bodicote	5 ...	9
1765	Checkendon	6 ...	11
1907	Chipping Norton	8 ...	14
1907	Clifton Hampden	5 ...	6½
1795	Deddington	6 ...	17
1884	Drayton	6 ...	8
1896	Freeland	6 ...	6
1813	Henley	8 ...	23
1860	Islip	6 ...	9
1867	Little Milton	6 ...	13
1846	Nettlebed	6 ...	7
1876	North Leigh	6 ...	10
1874	Oxford, St. Mary	6 ...	8
1907	South Leigh	8 ...	10
1876	Thame	8 ...	13
1870	Weston-on-the-		
	Green	5 ...	8

## TO SHROPSHIRE.

1766	Albrighton	6 ...	12
1797	Berrington	6 ...	13
1844	Broseley	6 ...	13
1852	Coalbrookdale, Holy		
	Trinity	8 ...	20
1809	Chirbury	6 ...	13
1914	Clun	8 ...	14
1808	Hinckley	5 ...	7

## To Shropshire—contd.

Date		No. of Bells.	Wgt. of Tenor. cwt.
1857	Kinlet	6 ...	11
1830	Lilleshall	6 ...	9
1872	Ludlow, Dinham		
	House	3 ...	7
1870	Meole Brace	3 ...	6
1782	Moreton Corbet	5 ...	8
1812	Newport	8 ...	14
1771	Shifnal	8 ...	19
1775	Shrewsbury,		
	St. Mary	10 ...	22
1868	„ St. Julian	6 ...	13
1830	„ St. Michael	6 ...	7
1853	Stanton-upon-		
	Hineheath	6 ...	8
1820	Stoke-upon-Terne	6 ...	8
1850	Worthen	6 ...	8

## TO SOMERSET.

1865	Ashcott	5 ...	13
1800	Axbridge	6 ...	18
1804	Balstonborough	6 ...	21
1867	Bath, Christ		
	Church	8 ...	12
1854	Bathealton	4 ...	7
1819	Bathwick, St. Mary	3 ...	20
1902	Blagdon	9 ...	20
1861	Buckland, St. Mary	6 ...	13
1823	Burnham	8 ...	22
1913	Butcombe	6 ...	6
1898	Chew Magna	6 ...	30
1906	Corfe	5 ...	7
1852	Cricket Malherbie	5 ...	6
1860	East Clevedon	5 ...	12
1906	Fitzhead	6 ...	13½
1898	Heathfield	5 ...	7
1893	Limington	6 ...	12
1864	Lymsham	6 ...	11
1809	Marston Bigott	5 ...	8
1812	North Curry	8 ...	18
1895	North Petherton	6 ...	21
1869	Preston-by-Yeovil	5 ...	10
1894	Sampford Brett	5 ...	8
1846	Swainswick	6 ...	7
1816	Winford	6 ...	16

## PEALS SUPPLIED.

## TO STAFFORDSHIRE.

Date		No. of Bells.	Wgt. of Tenor. cwt.
1873	Biddulph	6 ...	11
1887	Bloxwich	8 ...	13
1855	Brown Edge	6 ...	11
1823	Cauldon	3 ...	7
1845	Cheadle, R.C. Ch.	6 ...	15
1810	Darlaston	8 ...	19
1853	Dunstall	3 ...	10
1849	Elford	6 ...	7
1836	Kidsgrove	6 ...	8
1815	Lane End, Longton, St. John	8 ...	16
1808	Needwood	3 ...	5
1851	Ogley Hay	3 ...	4
1877	Patshull	6 ...	10
1852	Sheen	6 ...	7
1813	Shenstone	6 ...	9
1897	Stretton	3 ...	25
1841	Tettenhall	8 ...	13
1848	Tipton	8 ...	12
1856	Tunstall, Christ Church	6 ...	12
1854	Wednesbury, St. Bartholomew	10 ...	23
1847	West Bromwich, Christ Church	12 ...	23

## TO SUFFOLK.

1893	Barsham	5 ...	7
1762	Beccles	10 ...	28
1768	Brandeston	6 ...	9
1820	Bungay	8 ...	16
1826	Bures	6 ...	22
1734	Bury St. Edmund's St. Mary	8 ...	27
1779	Cavendish	6 ...	12
1788	Clopton	6 ...	12
1740	Coddenham	8 ...	15
1761	Debenham	8 ...	20
1844	Fornham, St. Martin	6 ...	7
1772	Framsden	8 ...	16
1775	Gazely	5 ...	10
1873	Gorleston, St. Andrew	6 ...	10

## To Suffolk—contd.

Date		No. of Bells.	Wgt. of Tenor. cwt.
1815	Helmingham	8 ...	20
1860	Ingham	5 ...	12
1762	Livermere, Great	5 ...	5
1742	Long Melford	8 ...	16
1913	Mildehall	8 ...	17
1890	Monewden	6 ...	6
1782	Moulton	5 ...	6
1829	Nowton	6 ...	7
1758	Ousden	5 ...	14
1862	Pakenham	5 ...	14
1825	Polstead	6 ...	10
1896	Stansfield	5 ...	11
1742	Stonham Aspall	10 ...	24
1847	Stuston	5 ...	8
1821	Sudbury, St. Gregory	8 ...	16
1876	Theberton	5 ...	7
1868	Troston	6 ...	6
1804	Worlingworth	8 ...	13

## TO SURREY.

1798	Ash	6 ...	8
1873	Ashtead	8 ...	14
1869	Beddington	10 ...	20
1828	Bermondsey, St. James	10 ...	25
1830	Do. St. Mary	3 ...	9
1911	Bramley	6 ...	8
1844	Camberwell, St. Giles	10 ...	25
1804	Carshalton	6 ...	13
1902	Chaldon	6 ...	6
1778	Cheam	6 ...	11
1588	Chertsey	8 ...	20
1741	Clandon West	6 ...	17
1851	Clapham R.C. Ch.	8 ...	9
1858	Clapham Park, all Saints	3 ...	7
1837	East Horsley Park	5 ...	9

## PEALS SUPPLIED.

## To Surrey—contd.

Date		No. of Bells	Wgt of Tenor cwt.
1890	Epsom, Christ Church	8 ...	12
1853	Esher	6 ...	8
1767	Ewell	8 ...	14
1723	Farnham	8 ...	20
1746	Godalming	8 ...	24
1777	Godstone	5 ...	8
1769	Guildford, Holy Trinity	8 ...	25
1754	„ St. Mary	6 ...	16
1831	Ham	3 ...	5
1882	Haslemere	8 ...	9
1812	Horley	8 ...	13
1783	Horselydown, St. John	10 ...	19
1889	Kennington, St. John the Divine	8 ...	20
1838	Kew	3 ...	3
1852	Kingswood	6 ...	17
1723	Lambeth, St. Mary	8 ...	18
1823	„ Waterloo Rd.	8 ...	18
1889	Leigh	6 ...	9
1898	Merrow	6 ...	14
1820	Mitcham, St. Peter	8 ...	16
1890	Moulsey, East	8 ...	10
1803	Newdigate	6 ...	8
1793	Newington, St. Mary	3 ...	12
1824	„ Holy Trinity	8 ...	20
1865	Norbiton, St. Peter	3 ...	6
1811	Ockham	5 ...	7
1701	Ockley	6 ...	15
1729	Oxted	5 ...	12
1822	Pirbright	6 ...	13
1836	Putney, St. Mary	8 ...	16
1867	Puttenham	6 ...	8
1859	Ranmore Common	8 ...	21
1895	Red Hill, St. John's	8 ...	14
1784	Reigate, St. Mary	10 ...	20
1748	Rotherhithe, St. Mary	8 ...	17
1711	Send	3 ...	9

## To Surrey—contd.

Date		No. of Bells	Wgt. of Tenor cwt.
1712	Sheire	8 ...	16
1700	Southwark, Christ Church	8 ...	18
1844	Southwark, St. Olave	2 ...	19
1785	Streatham, St. Leonard	6 ...	14
1860	Surbiton, St. Andrew	3 ...	7
1777	Tandridge	5 ...	4
1824	Walworth, St. Peter	8 ...	15
1842	Wandsworth, All Saints	8 ...	15
1875	Weybridge	8 ...	12
	Wimbledon	6 ...	9
1727	Wonersh	6 ...	13
1825	Worplesdon	6 ...	19

## TO SUSSEX.

## ST. PAUL'S, BRIGHTON,

Date		No. of Bells	Wgt. of Tenor cwt.
	Bell of 41 Cwts., cast 1853.		
1783	Angmering	6 ...	12
1855	Arundel	8 ...	14
1898	„ Castle	3 ...	6
1739	Battle	8 ...	23
1708	Beckley	6 ...	13
1769	Bexhill	8 ...	12
1812	Billingham	8 ...	13
1761	Bodiam	5 ...	7
1815	Brightling	8 ...	13
1873	Brighton, St. Paul	8 ...	14
1914	„ St. Peter	10 ...	25½
1867	„ St. Mark	4 ...	7
1871	„ All Souls	4 ...	5
1815	Cuckfield	8 ...	15
1904	Dallington	6 ...	11
1766	Ditchling	5 ...	9
1882	Eastbourne, All Souls	5 ...	10
1818	„ St. Mary	8 ...	16
1813	East Grinstead	8 ...	25
1760	Ewhurst	5 ...	10
1881	Fernhurst	3 ...	5

## PEALS SUPPLIED.

## To Sussex—contd.

Date		No. of Bells.	Wgt. of Tenor. cwt.
1769	Fletching	6	... 8
1894	Funtington	3	... 7
1837	Goring	6	... 18
1900	Graffham	4	... 10
1782	Hartfield	6	... 12
1782	Harting, South	6	... 12
1920	Heathfield	8	... 11
1752	Hellingley	6	... 12
1755	Henfield	8	... 13
1899	Hoœ	5	... 11
1752	Horsham	8	... 24
1846	Hurstpierpoint	8	... 13
1833	Iden	6	... 15
1839	Lewes, Southover	10	... 17
1863	Little Horstead	6	... 12
1891	Lo Isworth	4	... 7
1742	Lurgishall	3	... 8
1759	Lymminster	6	... 10
1765	Midhurst	6	... 12
1896	New Shoreham	8	... 15
1867	Newick	6	... 5
1737	Northiam	5	... 14
1827	Petworth	8	... 16
1718	Playden	3	... —
1835	Ringmer	8	... 14
1908	Rotherfield	8	... 24
1770	Rudgwick	6	... 14
1775	Rye	8	... 20
1771	Salehurst	8	... 19
1811	Seaford	8	... 12
1607	Sedlescomb	5	... 10
1866	Selsey	3	... 7
1889	Steyning	8	... 12
1760	Storrington	5	... 7
1900	Streat	3	... 6
1905	Uckfield	8	... 12
1760	Wadhurst	6	... 14
1732	Waldron	8	... 11
1734	Warbleton	5	... 11
1897	Warnham	8	... 14
1753	Wartling	5	... 8
1770	Westbourne	6	... 11
1795	West Grinstead	6	... 8

## To Sussex—contd.

Date		No. of Bells.	Wgt. of Tenor. cwt.
1789	Westham	6	... 8
1712	West Hoathley	5	... 11
1853	West Tarring	6	... 9
1732	Willingdon	5	... 11

## TO WARWICKSHIRE.

1776	Aston	10	... 21
1756	Birmingham, St. Martin	12	... 36
1750	Do., St. Philip	10	... 29
1849	Do., R.C. Cathedral	5	... 14
1830	Claverdon	6	... 13
1856	Coventry, Holy Trinity	8	... 20
1774	Do., St. Michael	10	... 31
1812	Harbury	5	... 13
1848	Keresley	5	... 7
1901	Leamington, All Saints	8	... 13
1868	Radway	5	... 7
1896	Rugby Parish Ch.	8	... 25
1871	„ R.C. Ch.	8	... 15
1864	Sherborne	6	... 11
1854	Shirley	5	... 7
1790	Sutton Coldfield	6	... 22
1877	Winderton	3	... 10

## TO WESTMORELAND.

1830	Appleby	6	... 10
1836	Brathay	6	... 8
1804	Burton-in-Kendal	6	... 8
1907	Casterton	6	... 8
1775	Kendal	10	... 25
1830	Kirkby Lonsdale	6	... 12
1860	Langdale	6	... 9
1867	Milbourne Chapel	3	... 5

## TO WILTSHIRE.

1844	Alderton	5	... 9
1891	Bishopstone	8	... 20
1840	Bowood	5	... 11

## PEALS SUPPLIED.

To Wiltshire—*contd.*

Date		No. of Bells	Wgt. of Tenor cwt.
1875	Chippenham, St. Paul	8 ...	14
1871	Chute Forest	6 ...	6
1858	Crudwell	5 ...	10
1862	Hartham Park Chapel	3 ...	7
1878	Kenneit, East	5 ...	5
1895	Maiden Bradley	6 ...	14
1831	Marlborough, St. Peter	8 ...	13
1878	Semley	6 ...	26
1862	Tottenham Park, St. Katherine	5 ...	11
1888	Trowbridge Town Hall	3 ...	13
1879	Whitsbury	9 ...	4
1831	Wilton	6 ...	8
1876	Zeals Green	6 ...	12

## TO WORCESTERSHIRE.

1851	Abberley	6 ...	9
1859	Areley Kings	5 ...	6
1849	Cookley	6 ...	12
1818	Dudley	10 ...	21
1860	Edwin Loach	3 ...	5
1807	Fladbury	6 ...	13
1885	Hagley	8 ...	9
1854	Harvington	6 ...	8
1783	Kings Norton	8 ...	17
1835	Longdon	6 ...	12
1870	Stanbrook R.C.	9 ...	6
1830	Stone	6 ...	6
1759	Stourbridge	8 ...	19
1816	Worcester, St. John	6 ...	16

## TO YORKSHIRE.

1845	YORK MINSTER— "GREAT PETER," weight 10½ Tons, dia- meter 8ft. 4in.
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To Yorkshire—*contd.*

Date		No. of Bells	Wgt. of Tenor cwt.
1844	YORK MINSTER	12 ...	54
1761	RIPON CATHEDRAL	8 ...	20
1816	WAKEFIELD CATHEDRAL	12 ...	31
1759	Addingham	6 ...	10
1839	Adel	3 ...	4
1865	Appleton-le-Moors	6 ...	6
1829	Aysgarth	6 ...	13
1769	Barnsley, St. Mary	8 ...	14
1851	Batley, All Saints	6 ...	11
1886	Beckwithshaw	6 ...	13
1902	Bentley	5 ...	6
1773	Bingley	8 ...	16
1771	Bishophill, York	6 ...	12
1870	Boroughbridge	6 ...	14
1874	Brighouse, St. Martin	8 ...	14
1909	Bubwith	4 ...	8
1860	Calverley	8 ...	11
1891	Catterick	8 ...	10
1860	Dalton, South	3 ...	12
1769	Darton	6 ...	11
1875	Denholm Gate	8 ...	15
1757	Dent	6 ...	8
1853	Earls Heaton	8 ...	14
1812	East Witton	6 ...	7
1898	Flamborough	4 ...	8
1850	Giggleswick	6 ...	12
1818	Gisburn	6 ...	9
1824	Guisborough	6 ...	9
1847	Guiseley	8 ...	10
1792	Halifax	13 ...	25
1859	„ Haley Hill	8 ...	25
1866	Harrowgate, Low	8 ...	13
1845	Haworth	6 ...	12
1817	Headingley	6 ...	10
1770	Helmsley	8 ...	12
1786	Holmfirth	6 ...	10
1795	Horbury	8 ...	12
1775	Howden	8 ...	18
1832	Huddersfield, St. Thomas	5 ...	8

## PEALS SUPPLIED.

## To Yorkshire—contd.

Date		No. of Bells	Wgt. of Tenor cwt.
1841	Hull, St. James	8	... 15
1760	Keighley	8	... 15
1849	Kettlewell	3	... 9
1780	Kildwick	6	... 10
1877	Kirkburton	8	... 13
1838	Kirkby Misperton	3	... 4
1802	Kirkby Moorside	6	... 8
1818	Kirkheaton	6	... 13
1774	Knaresborough	8	... 19
1841	Leeds, St. Peter	13	... 35
1837	,, St. John	3	... 13
1847	,, St. Philip	3	... 9
1845	Leven	4	... 7
1875	Lightcliffe	8	... 19
1840	Low Moor, Wibsey	8	... 14
1768	Malton, Old	8	... 13
1825	Middleham	6	... 9
1864	Middlesbrough	8	... 12
1877	Menk Bretton	6	... 11
1867	Nidd	5	... 6
1747	Oiley	8	... 17
1847	Otterington, South	3	... 3
1854	Pellon	3	... 9
1919	Pickering	8	... 14
1824	Pudsey	8	... 16
1907	Queensbury	8	... 15
1856	Rawmarsh	8	... 10
1853	Rilston	3	... 8

## To Yorkshire—contd.

Date		No. of Bells	Wgt. of Tenor cwt.
1845	Rise	3	... 4
1822	Rotherham	10	... 32
1812	Sandal Magna	6	... 13
1841	Sandhutton	3	... 5
1859	Scorborough	3	... 8
1825	Sharrow	6	... 13
1800	Sheffield Parish Church	12	... 41
1874	,, St. Marie	8	... 26
1868	,, Town Hall	3	... 9
1825	ShIPLEY	8	... 15
1848	SHIPTON	3	... 5
1760	Skipton	6	... 18
1781	Sowerby	8	... 15
1843	SLAIDBURA	6	... 15
1778	Snaith	6	... 12
1771	Sprotborough	6	... 8
1842	Stainforth	3	... 7
1872	Ugglebarnby	3	... 11
1773	Waddington	6	... 9
1794	Wakefield, St. John	8	... 23
1852	Weeton	3	... 10
1845	Wetherby	6	... 10
1761	Whitby, St. Mary	10	... 18
1870	Woodlesford	6	... 9
1785	Wragby	6	... 14

## List of other Bells, weighing a ton or more, to English Churches, Single Bells or Recast Tenors.

### CATHEDRALS.

1778	CANTERBURY	...	...	Weight	34 cwt.
1706	CHICHESTER	...	...	"	21 "
1813	LICHFIELD	...	...	"	27 "
1834	ROCHESTER	...	...	"	25 "
1911	ST. SAVIOUR'S SOUTH- WARK	...	...	"	50 "
1910	WESTMINSTER R.C.	...	...	"	52 "

### CHURCHES.

Date		cwt.	Date		cwt.
1796	Ashford	23	1822	London, St. Luke, Old St.	29
1863	Ashton, Long	36	1848	" Highgate, St. Michael	23
1907	Bournemouth, St. Ambrose	20	1851	" Christchurch, Newgate Street	23
1842	Bradford-on-Avon	31	1830	" " St. Sepulchre	31
1839	Bristol, St. James	28	1908	Milborne Port	29
1804	" St. Nicholas	33	1841	Missenden, Great	27
1849	Bruton	25	1894	Newport, Monmouth	20
1857	Chipping Campden	25	1765	Nottingham, St. Mary	36
1839	Cheetham, St. Luke	20	1811	Olveston	20
1898	Chew Magna	30	1868	Oundle	26
1821	Chilcompton	20	1884	Parbold, R.C. Church	20
1837	Colyton	26	1840	Plymouth, St. Andrew	35
1814	Crediton	27	1888	" Abbey Mere	20
1842	Dedford, St. Nicholas	20	1730	Portsmouth	20
1879	Dunmow	23	1860	Preston, St. Walburge	31
1902	Edinburgh, General Assembly Hall	20	1729	St. Albans, St. Peter's	23
1815	Elmhurst, North	20	1856	Staverton, Devonshire	21
1910	Epping, St. John's	20	1815	Stroud	22
1853	Fulham, St. Thomas	20	1899	Swansea, St. Mary	20
1818	Grantham	36	1851	Taunton, St. Mary	31
1869	Goole	22	1837	Tewkesbury	23
1824	Hawklurst	23	1847	Uffculme	24
1845	Holbeck, St. Matthew	20	1870	Waltham	22
1830	Kingston-on-Thames	30	1892	Wantage	22
1857	Kidderminster	26	1828	Wellow	23
1871	Kirkby St. Chad	37	1847	West Ham	27
1816	Leath, rhead	21	1761	Westminster, St. Marg.	26
1847	Leeds, St. Mary	20	1849	Witchaven	21
1686	Lenham	22	1845	Wroughton	39
1850	Little Holbeck	20			

In many of the above instances other Bells have also been recast or added, fittings and Frames renewed, and the Peal restored to ringing order.

#### ALSO

1892	Liverpool Docks	22	1870	Shrewsbury Market Hill	20
1862	Trinity House Corporation	32		cwt.	



## - TO WALES.

Date	PEALS.	No. of Bells	Wgt. of Tenor cwt.
1842	BANGOR CATHEDRAL	2 ...	9
1879 & 1919	LLANDAFF CATHEDRAL	10 ...	22
1848	ST. ASAPH CATHEDRAL	2 ...	25
1858	Aberdare	8 ...	17
1892	Aberdulais	3 ...	4
1894	Barmouth, St. John	8 ...	22
1872	Bod Iwyddan	8 ...	14
1894	Bodvean	6 ...	5
1769	Cacrwys	3 ...	6
1754	Cardigan	6 ...	16
1873	Danbigh	8 ...	15
1809	Dolgelly	8 ...	15
1870	Evancoyd	3 ...	8
1873	Flint	6 ...	6
1858	Glanadda	8 ...	13
1857	Glanogwen	2 ...	6
1860	Glyn	2 ...	7
1850	Hafod	3 ...	8
1856	Heallan	2 ...	5
1851	Llandilo Vawr	3 ...	3
1865	Llandyssil	5 ...	7
1853	Llangorwen	3 ...	4
1824	Llanidloes	6 ...	9
1907	Llanover	5 ...	6
1840	Llanvihangelrhyd	5 ...	8
1848	Llansilin	4 ...	6
1875	Llanstephan	8 ...	13
1908	Llantwit Major	6 ...	12
1851	New Radnor	5 ...	8
1891	Northop	8 ...	12
1911	Pembrey	3 ...	6
1902	Pembroke Dock	8 ...	10
1872	Penmon, Anglesea	3 ...	4
1850	Sketty	8 ...	14
1853	South Stack Light-house	1 ...	42
1860	St. Fagan	6 ...	13
1824	Welshpool	8 ...	13
1844	Whitford	3 ...	10

## TO IRELAND.

Date	PEALS.	No. of Bells	Wgt. of Tenor cwt
1872	WATERFORD CATHEDRAL	8 ...	20
1760	Ballycastle	5 ...	6
1895	Ballymena, St. Patrick	8 ...	18
1844	Belfast, Donegal Pass	3 ...	4
1854	Blanchville Gowran	6 ...	10
1830	Dublin, St. George	8 ...	20
1871	Dunmoyle, Omagh	3 ...	5
1841	Eamiskillen	8 ...	22
1848	Londonderry Corporation	3 ...	12
1856	The Curragh	3 ...	7

## SINGLE BELLS.

Date	PEALS.	Wgt. cwt.
1841	ARMAGH CATHEDRAL, TENOR	19
1836	CARLOW CATHEDRAL	10
1838	CASHEL R.C. CATHEDRAL	13
1901	DROMORE CATHEDRAL	13
1860	KILMORE CATHEDRAL	11
1867	Pandon	15
1843	Bangor	10
1844	Belfast, St. George	19
1860	„ Harbour	9
1856	Blanchville-Gowran	31
1845	Clonakilty	10
1856	Cork, Holy Trinity	17
1869	„ Shandon Church	14
1909	Crossbowæ	10
1848	Dublin Lighthouse	43
1837	Dundalk	19
1847	Dungannon	15
1839	Killesher	11
1845	Lurgan	28
1843	Mevan College	21
1841	Rastrangan, Kildare	9
1843	Tallow	10
1840	Youghal	10

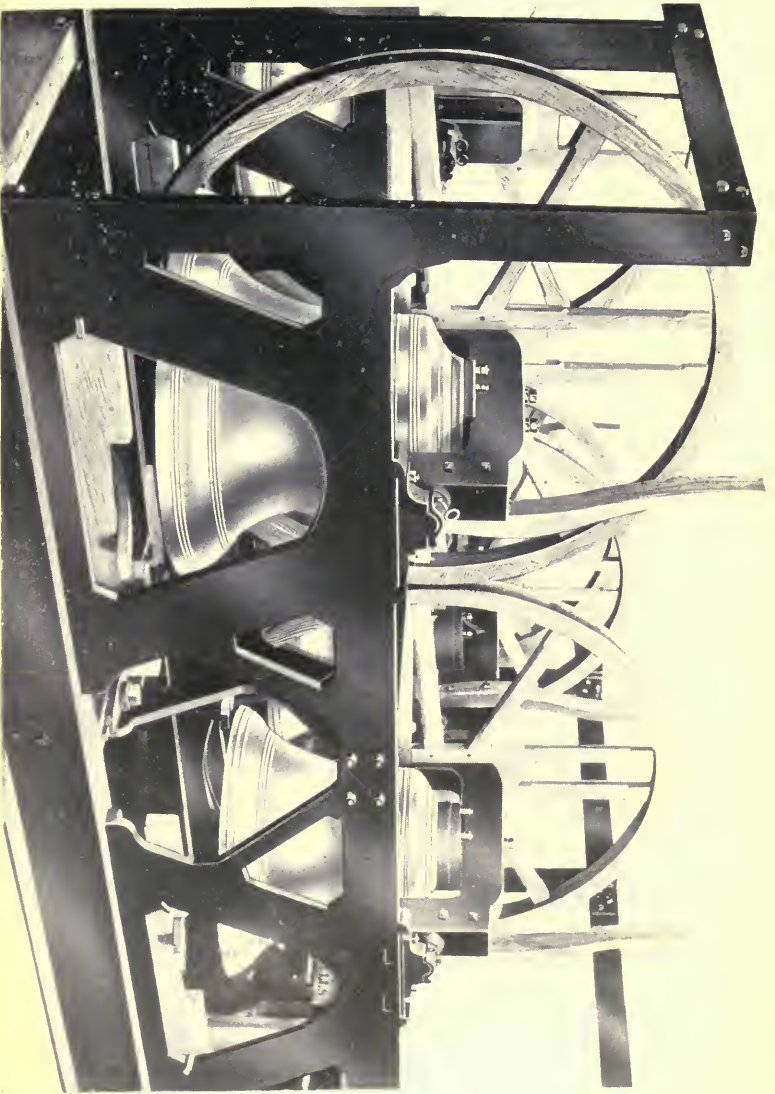
## TO SCOTLAND.

## PEALS.

Date		No of Bells	Wgt. of Tenor cwt.	Date		No. of Bells	Wgt. of Tenor cwt.
1780	BRECHIN			1839	Glasgow Corpora- tion	3 ...	10
	CATHEDRAL	3 ...	11	1917	Glasgow, Kelvinside	8 ...	12
1889	Dundee, Camperdown Works	5 ...	13	1866	Leith, St. James	8 ...	23
1873	„ Old Steeple	8 ...	20	1872	Lochee, Presby- terian Church	8 ...	8
1872	„ St. Paul	8 ...	23	1914	Millport, Isle of Cumbrae	3 ...	8
1858	„ Town Hall	5 ...	6	1878	Rassay Island	4 ...	3
1813	Dunkeld	6 ...	7	1843	Strathaven	2 ...	12
1850	Dunrobin Castle	3 ...	26				
1788	Edinburgh, St. An- drew	8 ...	15				

SINGLE BELLS<sup>1</sup>

Date		cwt.	Date		cwt.
1855	Arbroath, St. Mary	10	1846	Edinburgh, St. Giles	28
1833	Ardler	7	1908	„ St. Michaels	3
1844	Ardrossan	7	1849	Falkland	12
1863	Auchterarder	13	1840	Fochabers, Gordon Castle	9
1825	Auchterless	22	1835	Fordoun, St. Palladius	16
1897	Ayr, Town Hall	22	1845	Glasgow, Free Church	27
1850	Banff, Town House	12	1869	„ Ewart's Institute	6
1839	Bannockburn	8	1842	„ McFarlane College	7
1827	Bonhill	12	1914	„ St. Brides	6
1892	Brechin, East Free Church	20	1848	Hamilton	13
1898	Cowdenbeath	4	1851	Inverness	9
1901	Dryfesdale	10	1854	„ Free High Church	12
1855	Dumbarton	10	1845	Irvine	10
1839	Dumfries, St. Michael	8	1847	Johnstone	16
1897	Dunbar	10	1908	Keith, St. Thomas' R.C.	3½
1819	Dundee, "Trang"	20	1853	Kilmarnock	12
1839	„ St. Peter	10	1858	Kirkcaldy	10
1895	Durisdeer	4	1838	Kirkcudbright	12
1891	Edinburgh, Braid Road Free Church	18	1901	Lanark	10
1902	„ Gen. Assembly Hall	21	1835	„ Town Hall	9
1893	„ Ker Memorial Church	11	1893	„ Free Church	12
			1886	Largs, Free Church	14
			1843	Leith	20
			1838	„ St. John	18

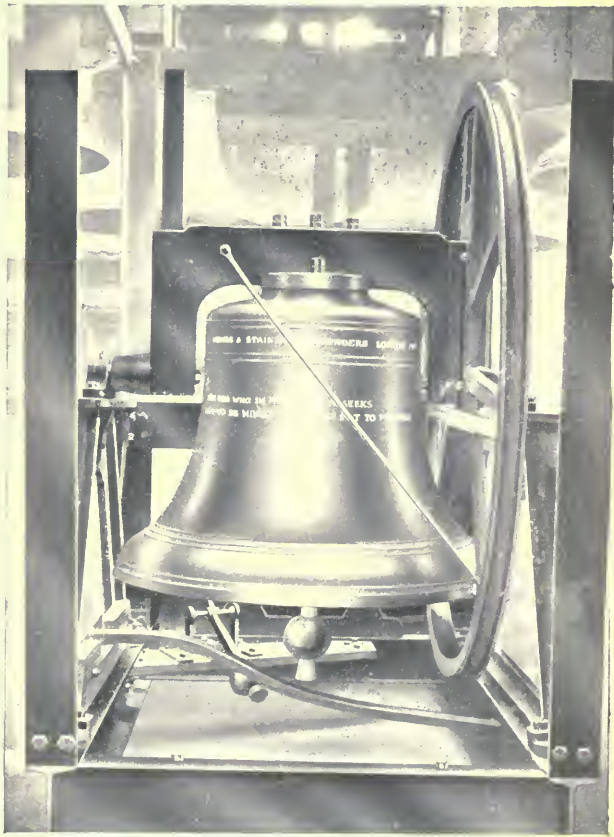


*Peal of Six Bells hung in Iron Framework on Steel Girders.*





The Tenor of the peal of nine cast for St. Jude's Church, Oakville, Ont.



LARGE CHURCH BELL  
HUNG FOR "RINGING."

**To Scotland—contd.**

Date		cwt.	Date		cwt.
1894	Leith, South	23	1860	Pathhead	9
1840	Leven	8	1837	Perth, Town Hall	10
1849	Lochwinnoch	11	1850	Peterhead, Parish Church	10
1890	Lockerbie, Town Hall	10	1858	„ Town Hall	11
1862	Longside by Mintlaw	8	1871	Polmont	10
1905	Macduff	3½	1885	Renfrew, Parish Church	23
1855	Montrose, St. John	10	1847	Row	15
1846	Murthly Castle	24	1914	Sheuchan	9
1859	Newburgh, Parish Church	11	1876	Sorbie	7
1869	„ Town Hall	13	1855	Stewarton	10
1849	Newton Breda	9	1850	Stonden	13
1866	Paisley	22	1919	Strathaven, Relief Church	14
1901	Parton	3	1861	Wilton	8

## MUSICAL HAND BELLS.

We issue a separate list of prices for these.

A usual set of 12 Bells in diatonic scale for change-ringers costs about £10 a full chromatic set of 5 octaves with duplicates, for a company of tune players, sometimes consists of more than 170 Bells.

A set of this number has taken the First Prize at the Annual Contest at Manchester for the past thirteen years, and on eleven of those occasions they have secured second prize also.

## BELLS FOR EXPORT.

The expenses allowed for in table, page 7, would be somewhat different, as on the one hand the cost of erecting would not be incurred here, and in place of carriage there would be the freight and insurance.

We are prepared to furnish working plans for making the framework abroad and to give every information necessary for the proper erection of the Bells.

Church Bells in Canada are admitted free of duty.

As different weights, etc., are current in different countries, we may mention that the Ton referred to is of 20 cwt. or 2,240 English pounds, say 1,015 kilos. The size of a Tenor Bell weighing 1,000 kilos is about  $1\frac{1}{4}$  metres diameter, and one of 500 kilos, just 1 metre.

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### LIST OF BELLS SENT ABROAD.

#### THE CONTINENT.

SETS AND PEALS.			SINGLE BELLS.		
Date	No. of Bells	Wgt. of Tenor cwt.	Date		cwt.
1868	MALAGA		1883	Grenada	8
	CATHEDRAL	3 ... 63	1884	..	9
1783	Farro, Portugal	5 ... 13	1854	Normandy, St. Martin Royale	15
1783	Terracera ..	5 ... 8	1841	Russia, 3 each of	20
1865	Madrid Home Office	3 ... 22	1841	.. 3 ..	10
1866	Getafe College	3 ... 14	1868	Seville Town Hall	25
1849	Norway	2 ... 5			
1747	St. Petersburg	7 ... 17			
1867	Santander	3 ... 16			
1899	Aleppo, Syria	5 ... 6			
1900	Dusseldorf	11 ... 12			
1900	Mexico,				
	Coscomauspec	3 ... 8			



## SOUTH AMERICA, &amp;c.

## SETS AND PEALS.

Date.		No. of Bells	Wgt. of Tenor cwt.
1873	Buenos Ayres	3 ...	5
1854	Marinha Arsenal	3 ...	3
1850	Mexico	5 ...	10
1857	Santa Cruz	4 ...	7

Also many Sets of 2, averaging 8 and 5 cwt., for Costa Rica, Mexico and Valparaiso.

## SINGLE BELLS.

Date		cwt.
1875	Acajutla Salvador	6
1894	Buenos Ayres	7
1909	Chili, Talcahuana Ch.	3
1856	Cuba, St. Franz: de Paula	10
1856	Guayaquil	3

## AUSTRALASIA.

## NEW SOUTH WALES.

## PEALS.

Date		No. of Bells	Wgt. of Tenor cwt.
1882	SYDNEY R.C. CATHEDRAL	8 ...	26
	<i>(Total Weight, 103 cwt.)</i>		
1861	Bathurst R.C. Church	2 ...	16
1896	Camden, St. John	8 ...	14
1860	Maresfield, Paramatta	6 ...	10
1849	Sydney, St. Benedict	6 ...	16
1858	" St. Philip	10 ...	20
1878	" St. Stephen's <i>(Carillons)</i>	20 ...	4

## SINGLE BELLS.

Date		cwt.
1907	Albury	8 $\frac{3}{4}$
1869	Armidale, St. Peter's	8
1899	Burrowa, St. Joseph's Convent	3
1858	Goulbourn, St. Saviour's	11
1895	Moree, All Saints	3
1896	Mudgee R.C. Church	15
1855	Scone, St. Luke	5
1856	Singleton	5
1862	Sydney, Burns & Lambert	25
1864	" " "	26
1879	" Presbyterian Ch.	3
1901	" Rose Bay	4

## VICTORIA

1889	MELBOURNE CATHEDRAL	13 ...	21
	<i>(Total Weight, 148 cwt.)</i>		
1869	Ballarat, Carillons	15 ...	3
1869	" Memorial Tower	8 ..	23
1899	" Monastery	3 ...	4
1892	" St. Peter's	8 ...	12
1899	Camperdown	3 ...	5
1911	Geelong P.O.	5 ...	15
1867	" St. Paul	8 ...	14
1899	Melbourne	3 ...	5
1896	"	3 ...	7
1872	Sandhurst, St. Paul	8 ...	21

1912	Ararat	6
1901	Colac, St. John's	8
1890	Collingwood Town Hall	30
1854	Geelong	5
1911	" All Saints	5
1900	Melbourne	10
1907	" St. Brigid's R.C. Church	6
1852	" St. James	13
1857	Portland, St. Stephen	11
1859	South Yarra, Christchurch	10

## Australasia—contd.

## SOUTH AUSTRALIA.

## PEALS.

Date	No. of Bells.	Wgt. of Tenor. cwt.	Date	No. of Bells.	Wgt. of Tenor. cwt.
1886	Adelaide, St. Andrew, Walkerville	6 ... 13	1861	Darling Point, St. Mark	6 ... 9
	(Total Weight, 50 cwt.)			(Total Weight, 36 cwt.)	

## WEST AUSTRALIA.

## SINGLE BELLS.

Date	Church	Tenor cwt.	Date	Church	Tenor cwt.
1906	Freemantle Scots Church	6 $\frac{3}{4}$ 5		York, Holy Trinity	3

## QUEENSLAND.

## PEALS.

## SINGLE BELLS.

1887	Maryboro'	9 ... 21	1887	BRISBANE R.C. CATHEDRAL	35
	(Total Weight, 92 cwt.)		1901	TOWNSVILLE CATHEDRAL	12

## TASMANIA.

1846	Hobart, Trinity Ch.	8 ... 10	1859	Hobart, R.C. Church	8
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## NEW ZEALAND

## SINGLE BELLS.

Date	Church	Tenor cwt.	Date	Church	Tenor cwt.
1912	Plebleton 5 bells	1 6	1898	Gisborne	1 3
1872	Auckland, St. Matthew's	1 5	1850	Lyttelton, Association	1 13
1872	„ St. John's College	1 4	1855	Nelson, Christ Church	1 4
1868	Canterbury, Cust Church	1 6	1909	Palmerston, North	1 4
1859	„ Emigration Soc.	1 14	1862	Waitemata	1 5
1911	Dunedin Cathedral	1 12	1856	Wellington, Free Church	1 3
1864	„ R.C. Church	1 12			

## COLONIES AND BRITISH POSSESSIONS.

## SETS OR PEALS.

## SINGLE BELLS.

Date	No. of Bells.	Wgt. of Tenor. cwt.	Date	No. of Bells.	Wgt. of Tenor. cwt.
1841	DEMERARA, GEORGETOWN CATHEDRAL	5 ... 7	1840	Antigua, St. John's	13
1873	DOMINICA, ROSEAU R.C. CATHEDRAL	3 ... 22	1913	Barbadoes	3
1880	TRINIDAD CATHEDRAL	8 ... 16	1905	Demerara, Freetown Ch.	3 $\frac{3}{4}$
1904	Barbadoes, St. Philip's Church, Edgcombe	3 ... 12	1857	Dominica	6
1904	Falkland Islands, Christ Church Cathedral	5 ... 9	1858	Granada Isle, St. John's	5
1855	Gibraltar	2 ... 5	1895	Jamaica, Kingstown, Lady Mico College	5
1920	Grenada, St. John's	3 ... 5	1843	„ St. Elizabeth	6
1830	Jamaica	5 ... 7	1857	„ Vere Church	7
1845	Malta, Valetta, Queen Dowager's Church	6 ... 13	1900	Montserrat R.C. Church	3
1850	Trinidad R.C. Ch.	8 ... 13	1840	Montego Bay, St. James	25
			1898	Plaisance, British Guiana	5
			1859	St. Kitts	18
			1902	Trinidad, Aruca Church	6 $\frac{1}{4}$
			1878	„ Presbyterian Ch.	6
			1914	„ St. Mary's	7 $\frac{1}{4}$

## INDIA AND THE EAST.

## CATHEDRALS.

1833	BOMBAY	...	...	4	Bells,	Tenor	7	cwt.
1843	CALCUTTA	...	...	5	"	"	26	"
1869	HONG KONG	...	...	4	"	"	5	"
1871	MADRAS	...	...	8	"	"	20	"

Date					No. of Bells	Wgt. of Tenor cwt.
1896	Abu, Rajputana	...	...	...	4	...
1845	Allahabad	...	...	...	4	...
1871	Barrackpore	...	...	...	3	...
1870	Calcutta	...	...	...	5	...
1852	„	for a Mosque ( <i>Exhibited in Great Exhibition of 1851</i> )			3	...
1867	Delhi	...	...	...	5	...
1896	Gorakhpur R.C. Church	...	...	...	3	...
1885	Huzerabad	...	...	...	5	...
1877	Rampore, Rajah of	...	...	...	3	...
1853	Secundra	...	...	...	4	...
1857	Macao	...	...	...	3	...
1895	Perak	...	...	...	3	...
1860	Shanghai	...	...	...	4	...
1906	Yokohama. Christ Church	...	...	...	3	...

## SINGLE BELLS.

Date	cwt.	Date	cwt.
1864	BOMBAY R.C. CATHE- DRAL	1876	Lahore
1893	Ajmore, Rajputana	1858	Madras, St. Thomas Mt.
1895	Baroda	1857	„ Vepery
1900	Bombay	1898	Peking, Embassy Chapel
1906	Cochin	1897	Penang
	Colombo	1875	Point de Galle, All Saints
	3, 6 and 8	1914	Rangoon Cathedral
1915	Dhamsala	1913	Secundrabad
1848	East India Company, 25 Single Bells, gross weight	1869	Surat
1876	Jaffna	1915	Tai-an-Fu
1901	Kandy, Scotch Church	1897	Tientsin
1905	Kuala Lumpur, Malay Straits	1902	Wei Hai Wei, St. John

## AFRICA, &amp;c.

Date	No. of Bells	Wgt. of Tenor cwt.	Date	cwt.
1830	CAPE TOWN CATHEDRAL	8 ... 16	1860	Algoa Bay
1907	LIKOMA CATHE- DRAL (Hem. Bells)	8 ... 2 $\frac{3}{4}$	1901	Chama, Ebenezer Church
1855	NATAL CATHE- DRAL	3 ... 5	1910	Cleveland, nr. Johannes- burg
1853	Canaries	2 ... 9	1904	East London, St. Saviour's
1898	East London Town Hall	5 ... 11	1898	Klerksdorf, Dutch Church
1847	Mauritius, Pre- testant Church	2 ... 12	1846	Mauritius, R.C. Church
			1855	„ St. Andrew
			1857	„ St. Esprit
			1899	Middleburg
			1881	Natal
			1896	Port Elizabeth
			1907	Thlotse

Also Small Bells to Sierra Leone, Rorke's Drift, East London, Mashonaland Rhodesia, Nigeria and Uganda.

Date	PEALS TO UNITED STATES.						No. of	
							Bells	Tenor cwt.
1900	Boston, Church of the Advent	...	...	...	...	8	20	
1803	Baltimore	...	...	...	...	6	12	
1865	Burlington, N. J.	...	...	...	...	8	22	
1865*	Charleston, St. Michael	...	...	...	...	8	18	
1908	Chicago University	...	...	...	...	10	22	
1901	Groton School Chapel, Mass.	...	...	...	...	8	22	
1912	Hingham, Mass.	...	...	...	...	11	20	
1903	Newport, Rhode Island	...	...	...	...	2	60	
1797	New York, Holy Trinity	...	...	...	...	8	25	
1854	„ Trinity Chapel	...	...	...	...	3	13	
1912	Perkin's Institute for the Blind, Boston	...	...	...	...	8	22	
1754	Philadelphia, Christ Church	...	...	...	...	8	18	
1842	„ St. Peter's	...	...	...	...	8	15	
1878	„ St. Mark's	...	...	...	...	8	18	
1889	„ St. Martin's	...	...	...	...	9	21	
1895	„ St. Matthias'	...	...	...	...	12	21	
1896	„ St. James'	...	...	...	...	10	22	
1918	Wesleyan University, Middleton, Conn.	...	...	...	...	11	20	

\* These Bells were partly recast from a former Peal (made here in 1764) which twice suffered from the calamities of war. First during the War of Independence, when the Peal was seized at the capture of Charleston, and sent to England, whence an American merchant redeemed the Bells and returned them to their Church. Secondly, during the late War of Secession, when after being removed to Columbia, S.C., for safety, the Bells were involved in the burning of that City. All the metal recoverable was subsequently returned to the Foundry to form part of the new Peal.

### SOUTH AMERICA.

1914	Buenos Ayres, British Memorial, Argentine Centenary Tower	...	...	...	5 ton Hour Bell and 4 Quarter Bells
1909	Temuco, Church of the Redeemer	...	...	...	1 Bell 3 cwt.

### PROVINCE OF QUEBEC.

NORTH OF RIVER				SOUTH OF RIVER					
Date		Tenor lbs.	No. of Bells	Total lbs.	Date		Tenor lbs.	No. of Bells	Total lbs.
1860	CHRIST CHURCH CATHEDRAL	—	1	2274	1892	L'Epiphanie	2058	3	4616
1830	ENGLISH CATHEDRAL, QUEBEC	1852	8	8021	1898	Longue Point	891	3	1982
1912	Quebec, St. Andrews	—	1	424	1889	Maisonneuve	—	1	931
1843	MONTREAL CATHEDRAL	5852	10	21623	1876	Maskinonge, Parish Church	569	3	1302
1847	MONTREAL CATHEDRAL, LE GRAND BOURDON BELL, 11½ Tons. dia., 103 inches	—	—	25760	1875	Mile End	1010	3	2535
1892	Trois Rivières Cathedral	2164	3	4866	1910	Montreal, St. Patrick	2266	10	10461
1897	Berthier	1289	3	2961	1885	Notre Dame Fabrique	—	1	1238
1907	Borromée, St. Charles	3437	3	5479	1882	Petit Rocher	710	3	1813
1885	Cunegonde	—	1	1742	1889	Point aux Trembles	1584	3	3792
1886	Fortierville, S. Philomene	—	1	2044	1886	Rawdon S. Patrick	—	1	913
1892	La Cheney	1857	3	4332	1884	Rev M. Faucher	1642	3	3873
1878	L'Assomption, Parish Church	1692	3	3987	1883	Rivière du Loup	2170	4	5439
					1893	S. Alphonse	—	1	704
					1905	S. Alphonse	1846	3	4364
					1893	S. Ambroise de la Jeune Lorette	2216	3	5036

Province of Quebec—*contd.*NORTH OF RIVER—*contd.*

Date		Tenor lbs.	No. of Bells	Total lbs.	Date		Tenor lbs.	No. of Bells	Total lbs.
1876	S. Anastasie	—	1	697	1897	S. Marie-Salomé	1570	3	3000
1884	S. Anne de la Pérade	2135	3	4703	1885	S. Mary Magda- lene	790	3	2167
1902	S. Antoine de Lavaltrie	1348	5	4635	1915	S. Maurice Caspe	—	1	860
1914	S. Antoine sur Richlieu	1262	3	2986	1896	S. Melanie	1094	3	2675
1912	S. Athanse Berville	2322	3	5130	1892	S. Moise	—	1	400
1892	S. Augustine	1196	3	2931	1872	S. Monique	—	1	786
1886	S. Bridget	2120	4	5796	1914	S. Pascat Rosaire	1530	3	3796
1883	S. Catherine	—	1	1014	1870	S. Patrice du Loup	1489	3	3450
1897	S. Charles, Bor- romée	1989	4	4690	1884	S. Paul L'Ermité	780	3	1944
1912	S. Charles sur Richlieu	—	1	2240	1888	S. Philippe	992	3	2486
1879	S. Cuthbert	1634	3	3871	1886	S. Roch	2143	3	4960
1873	S. Damossus	—	1	1786	1872	S. Romnald	2304	4	5569
1889	S. Dorotheé	1221	3	2966	1870	S. Sauveur	1327	3	3146
1892	S. Elizabeth	2052	3	4863	1876	S. Sauveur	—	1	2027
1897	S. Enfant Jésus	1183	3	2887	1873	S. Scholastique	1636	3	3912
1879	S. Eustace	1664	3	3909	1893	S. Thomas	1032	3	2597
1905	S. Felix de Valois	—	1	3436	1856	S. Thomas' Church	1656	8	7560
1899	S. Foye	1631	3	3926	1873	S. Thomas' Dis- trict	1000	3	2572
1898	S. Gédéon	829	3	2061	1886	S. Vincent de Paul	3151	3	7057
1876	S. Guillaume D'Upton	1601	3	3643	1874	Ste. Rosé	972	3	2413
1875	S. Helen's	651	3	1720	1895	Salesius	—	1	1619
1913	S. Henri-de- Mascouche	—	1	1591	1880	Sault au Recollet	1369	3	3230
1872	S. Jacques de l'Achigan	1814	3	4150	1871	Scotch Church	—	1	2333
1887	S. Janvier	1290	3	3111	1905	Trappist Monas- tery	690	2	1265
1886	S. Jean Baptiste	4384	4	10567	1871	Vandreuil, Parish Church	1001	3	2509
1880	S. Joseph	—	1	870	1903	Vaocluse	—	1	606
1881	S. Joseph	1708	3	3513	1902	Viauville Convent Chapel	—	1	450
1878	S. Lazare	—	1	1266	1907	Viauville, S. Clement	—	1	595
1897	S. Ligouri	1270	3	3037	1875	Yarnachichi	986	3	1973
1875	S. Lotique	1151	3	2788					

## SOUTH OF RIVER.

1870	Abbotsford, St. Paul's	—	1	791	1882	Francois du Lac	994	3	2044
1884	Antoine de Tilly	—	4	1551	1903	Gentilly	1601	3	3703
1871	Beaumont	—	1	787	1881	Kamoraski	1064	3	2616
1896	Belcœil S. Mathieu	1397	3	3343	1883	Kamouraska	1620	3	3735
1893	Boucherville	1213	5	4286	1870	La Prairie, Parish Church	1773	3	4156
1891	Cap. S. Ignace	1616	3	3846	1898	L'Enfant Jesus	1745	2	1962

## Province of Quebec—contd.

## SOUTH OF RIVER—contd.

Date		Tenor lbs.	No. of Bells	Total lbs.	Date		Tenor lbs.	No. of Bells	Total lbs.
1912	Drummondville	—	1	833	1882	S. Jean Chryso-			
1915	Kamouraska	1644	3	3868		stème	1462	3	3483
1889	L'Isle aux Grues	1010	3	2564	1879	S. Jean des			
1884	L'Islet,					Chailions	1570	3	3635
	Parish Church	1664	3	3868	1880	S. Jean Jolie Port	913	3	2344
1886	Longueil	4227	5	11573	1893	S. Joseph	1619	3	3661
1906	Napierville, Con-				1897	S. Joseph	1371	3	3297
	vent de S. Anne	—	1	220	1888	S. Joseph de la			
1854	Point Levis	1588	3	3587		Delivrance	1937	3	3962
1879	Rimouski,				1885	S. Lambert	748	3	1913
	Parish Church	1533	3	3619	1884	S. Lazare	2007	3	4500
1905	Ristigouche	—	1	1313	1888	S. Louis	1999	3	4606
1916	River Blanche	1747	3	4130	1897	S. Malachie	1333	3	3188
1919	Sandy Bay	2189	3	4938	1885	S. Marguerite	2088	3	4847
1885	S. Anselme	2944	3	6484	1861	S. Marie	2053	2	2851
1880	S. Antoine	1288	3	3102	1869	S. Michael	1690	3	3803
1902	S. Antoine de Tilly	2000	3	4863	1877	S. Michael	2025	3	4697
1891	S. Arsène	—	1	1169	1913	S. Michel de			
1897	S. Athanase	2328	3	5178		Rougemont	1029	3	2181
1888	S. Bernard	1573	3	3768	1901	S. Pacome	1367	3	3243
1869	S. Cesair	1397	3	3146	1900	S. Pascal	1714	3	4069
1896	S. Charles	1150	3	2793	1841	S. Patrick	—	1	1414
1895	S. Croix	1534	3	3673	1898	S. Paul de			
1889	S. David	2244	3	5090		Chester	1548	3	3643
1901	S. Edouard	1717	3	3488	1899	S. Perpetue	1554	3	3750
1906	S. Ephrem				1903	S. Phillipe de			
	d'Upton	—	1	1542		Veri	1562	3	3642
1895	S. Flavien	1556	3	3714	1884	S. Pierre R. Sud	1112	3	2804
1872	S. Francois R. Sud	1624	3	3951	1903	S. Prosper	1799	3	4225
1908	S. Francois Xavier				1877	S. Raphael	1784	3	4262
	de Brompton	1291	3	3017	1894	S. Rosalie	—	1	1204
1911	S. Gertrude	—	3	—	1873	S. Sebastian	—	1	1404
1868	S. Gervais	—	1	1466	1909	S. Simon de			
1874	S. Gervais	1508	3	3535		Bagot	—	1	1226
1892	S. Hénédine	1594	3	3766	1891	S. Thomas	2247	4	5226
1885	S. Henris de				1859	S. Timothy	1289	3	3033
	Lauzon	2097	3	4853	1876	S. Urbain	714	3	1824
1898	S. Hiliare	—	1	1044	1898	S. Valentin	—	1	678
1892	S. Hubert	1020	3	2581	1900	S. Victor de Tring	2397	3	5438
1875	S. Isidore de				1874	Sherrington	620	3	1699
	Lanyon	1638	3	3932	1890	Stanford	1490	3	3611
					1894	Verchères	1945	3	4489

(Also many other sets to Quebec and Montreal, probably for up country parishes.)

## CANADA, &amp;c.

Date	PONTIAC.				Tenor lbs.	No. of Bells	Total lbs.
1896	Calumet Is ,	St. Anne	...	...	—	1	908
1896	S. Charles de	Leslie	...	...	—	1	585
1896	Vinton, St.	Elizabeth	...	...	—	1	935
1899	Viauville, St.	Clement	...	...	—	1	945

## ONTARIO.

1887	Aylmer, St.	Paul	...	...	—	1	2121
1842	Belleville	...	...	...	—	1	643
1915	Brantford	...	...	...	3611	10	14815
1857	Durham	...	...	...	—	1	576
1897	Gatineau Point	...	...	...	—	1	982
1872	Hawkesbury	...	...	...	—	1	859
1886	L'Ange Gardien	...	...	...	1256	3	2770
1851	London, St. Paul's	Cathedral	...	...	1762	6	6400
1908	Martintown, Pres.	Church	...	...	—	1	950
1906	Oakville, St. Jude's	...	...	...	1723	9	8096
1907	Ottawa, All Saints'	...	...	...	2212	9	—
1909	„ St. Alban's	...	...	...	—	1	608
1890	Perkinsmill	...	...	...	—	1	508
1900	Rossland	...	...	...	—	1	1029
1887	S. André Avellin	...	...	...	1270	3	3039
1861	Toronto	...	...	...	590	3	1300
1861	„ St. James	...	...	...	655	5	2503
1903	Walkerville	...	...	...	—	1	1705

## MANITOBA.

1882	Brandon, S. Damien	...	...	...	1551	3	3720
1910	Winnipeg, St. Luke's	...	...	...	2187	8	9366
1904	„ St. Norbert	...	...	...	1524	3	3081

1844	St. John's, Newfoundland,	Catholic Cathedral	...	...	825	2	1151
1863	Rupert's Land, R.C.	Cathedral	...	...	545	3	1399
1875	Bay Roberts	...	...	...	—	1	737
1887	Edmonton, Alberta	...	...	...	—	1	280
1847	Frederickton	...	...	...	526	3	1241
1863	Halifax	...	...	...	—	1	499
1859	Hudson Bay	...	...	...	—	1	390
1847	Miramichi, Newcastle	...	...	...	467	3	1169
1846	Newfoundland, St. Thomas'	Church	...	...	—	1	865
1873	„ Bishop Coadjutor	...	...	...	—	1	532
1840	St. John's, N.B.	...	...	...	—	1	1526
1882	„ „ Trinity Church	...	...	...	2200	9	9000

## VANCOUVER.

1861	CATHEDRAL at New Westminster,	8 Bells, Tenor 26 cwt.,					
							Total 103 cwt.

MEMO.—The usual Bell Inscriptions for Canada record the Names of the Parish, the Church Dignitaries and the Donors, with often a Text in Latin.



## HEMISPHERICAL BELLS.

For quality of tone and carrying power, the ordinary shape of Church Bell is unrivalled, but for small Belfries, where space is limited, Hemispherical Bells are most suitable. These have been designed to produce great depth of tone with comparatively light weight of metal, and we can, with confidence, recommend them as the best and cheapest substitute. A Chiming Apparatus is attached which enables one person to chime a full set.

A set of eight, Tenor weighing about  $3\frac{1}{2}$  cwt., erected complete with Framework and Chiming Apparatus, would cost about £425.

The following is a copy of a letter received from the donor of the set of eight erected at Buckhurst Hill.

GENTLEMEN,

Jan. 14th, 1910.

It gives me very great pleasure to be able to confirm after a year's interval, the favourable report that I gave you before, of our complete satisfaction with the octave of Hemispherical Bells which you erected for me in St. John's Church, Buckhurst Hill.

The intonation is perfect, and the quality is so pure and soft that the residents in the immediate vicinity of the Church not only are not annoyed by the chiming of the bells, but express themselves without exception as delighted in hearing them.

Considering that several of these residents were decidedly unfavourably disposed to the proposal beforehand, in anticipation of discomfort from their proximity, you may certainly accept their conversion as a flattering testimonial to your excellent work.

In spite of this softness and delicacy of tone, the bells have great carrying power, reminding one in these particulars of the characteristic qualities of the most perfect examples of stringed instruments.

I have no hesitation in strongly recommending such a chime for any tower where space or other consideration forbids the erection of a swinging peal.

Believe me to remain,

Very faithfully yours,

CHAS. E. ADAMS.

MESSRS. MEARS & STAINBANK.

### PRINCIPAL SETS SUPPLIED.

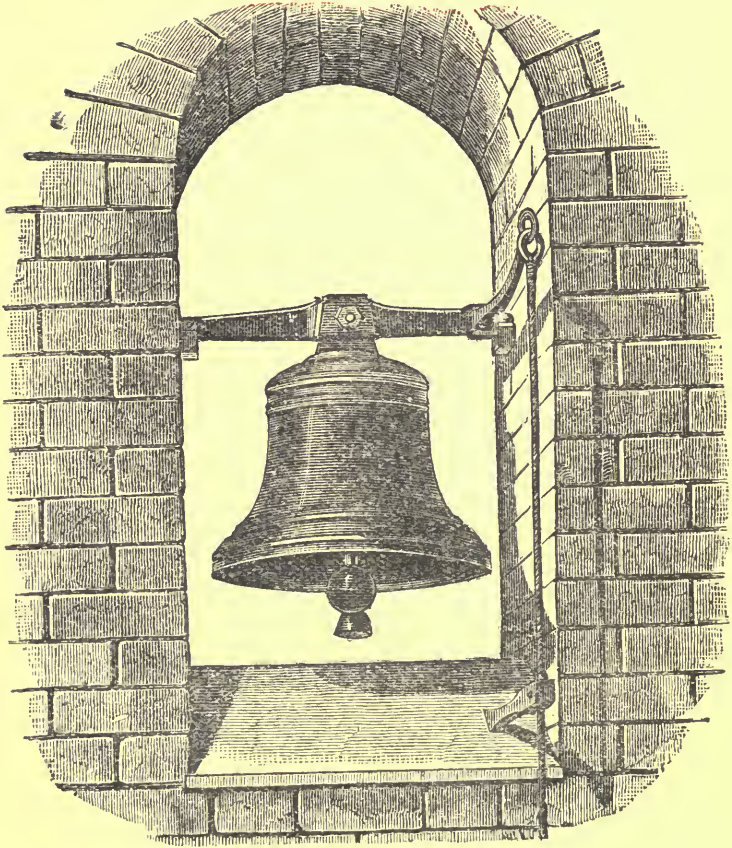
	No. of Bells	Wgt. of Tenor cwt.		No. of Bells	Wgt. of Tenor cwt.		
Bayon's Manor, Lincs.	5	...	5	Landscope, Devon	8	...	$3\frac{1}{2}$
Brancepeth Castle	5	...	10	Likoma Cathedral, Central Africa	8	...	$2\frac{3}{4}$
Brilley	8	...	$3\frac{1}{2}$	Lillington, Warwick	7	...	9
Buckhurst Hill, St. John's	8	...	$3\frac{1}{2}$	Orwell Park, Suffolk	16	...	10
Chorley, St. George	10	...	$3\frac{1}{2}$	Petersham New Church	9	...	$3\frac{1}{2}$
Cockington	8	...	$3\frac{1}{2}$	Pittsburg, U.S.A.	12	...	$3\frac{1}{2}$
Dulwich College	4	...	6	Portman Chapel, London, W.	5	...	2
Edinburgh	12	...	3	Ryde Town Hall	5	...	6
Fordingbridge Town Hall	5	...	3	Sherburn, Yorks.	8	...	$3\frac{1}{2}$
Hardwick House	5	...	10	South Tedworth, Hants.	6	...	5
High Beach, Essex	13	...	4	Victoria Park, London, E.	11	...	4
High Lane, Stockport	6	...	4	Watford, St. Andrew	5	...	3
Hindlip, Worcester	8	...	3	Westwood Hall, Leek	3	...	4
Holme, St. John's	11	...	4				
Keble College, Oxford	3	...	6				

Also Sir Henry Irving, 8 Bells, Tenor 12 cwt. Total 54 cwt.

And Sir Augustus Harris, 2 Bells, Tenor 12 cwt.



# BELLS FOR



Colleges, Schools, Warehouses, &c.

## BELLS FOR COLLEGES, SCHOOLS, &c.

Diameter of Bell.	Approximate Weight.	Price with Fittings.	REMARKS.
Inches.	Cwt. qrs. lbs.	£ s. d.	
24	3 0 0	41 10 0	The Fittings consist of clapper, wrought iron headstock, lever, rope, and gun metal bearings (see illustration).
23	2 2 21	37 15 0	
22	2 1 7	33 10 0	
21	2 0 7	30 10 0	
20	1 3 0	26 15 0	Iron wheel instead of the lever would cost from 50s. to 70s. extra.
19	1 2 0	23 15 0	Our charge for fixing is generally about £4 10s. if near Town.
18	1 1 7	21 10 0	
17	1 0 7	18 10 0	Wrought iron frame with hood cover for fixing to a wall from £10 to £18.
16	3 18	16 5 0	
15	2 20	13 10 0	The Bell-cote should be two inches wider than the bell, with a length and height of double its diameter. If this space is not available the bell must be fixed rigid, and struck by a chiming hammer.
14	2 10	12 0 0	
13½	2 0	11 10 0	
13	1 22	9 10 0	
12	1 12	8 5 0	

Bells of these sizes are kept in stock and can be heard at the Foundry; the largest are identically the same as Church Bells they are often sold for Iron Temporary Churches, for Foreign Missions, and small Chapels in the Colonies, also for Wharves, Docks, Railways, Warehouses, Mills, &c.

# MUSICAL HAND BELLS.

## DIATONIC SCALE.

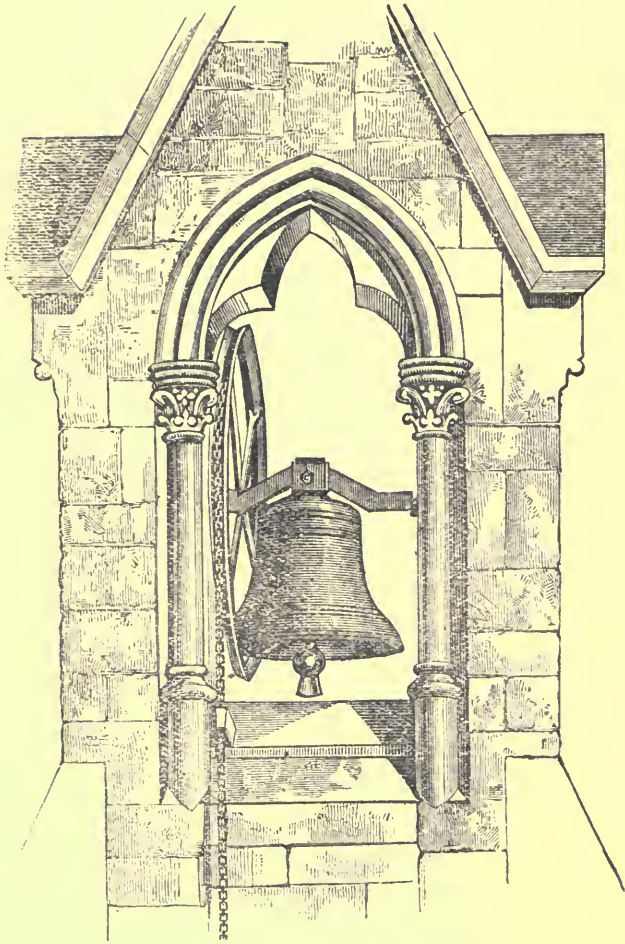
Tenor No. ...	22 C	21 D	20 E	19 F	18 G	17 A	16 B	15 C
	£ s.	£ s.	£ s.	£ s.	£ s.	£ s.	£ s.	£ s.
Peal of 8 Bells ...	12 13	11 10	11 0	9 18	9 7	8 16	8 3	7 14
" 12 " ...	15 14	15 8	14 6	13 4	12 13	11 14	11 0	10 9
" 15 " ...	19 5	17 12	16 10	15 8	14 17	13 19	13 0	12 7

*Any set can always be increased - the cost of additional bells may be calculated from the following Table:*

## SINGLE BELLS.

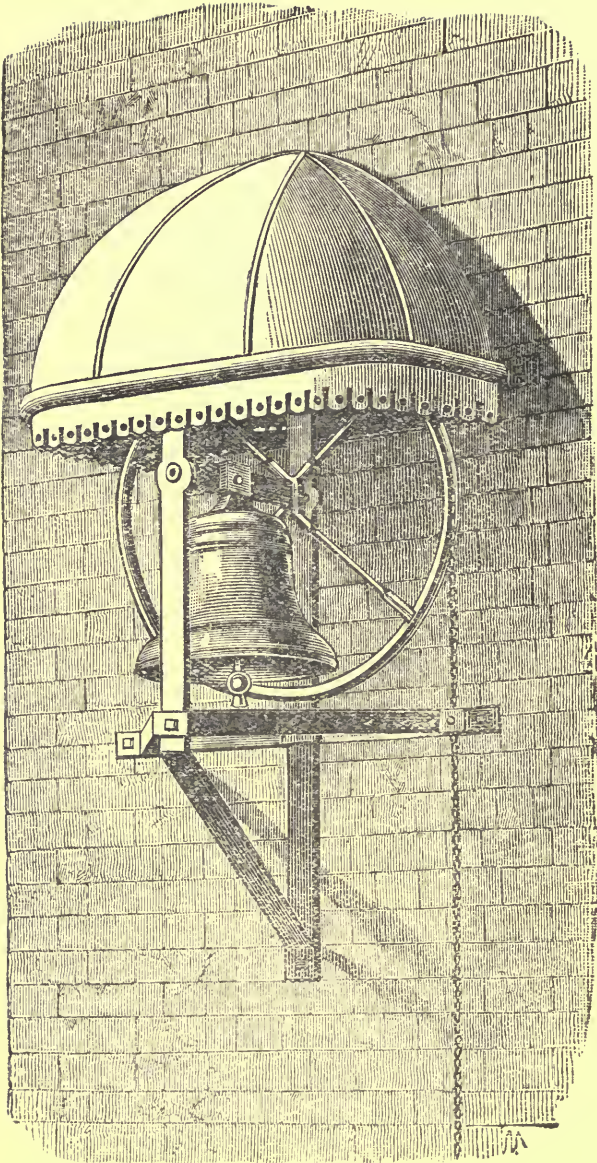
NOTES.	No.	Price.	No.	Price.	No.	Price.
C or C <sup>#</sup> ...	29 ...	£ 6 1	22 ...	£ 2 2	15 ...	£ 1 5
D " D <sup>#</sup> ...	28 ...	4 19	21 ...	1 18	14 ...	1 2
E ...	27 ...	3 17	20 ...	1 15	13 ...	1 1
F " F <sup>#</sup> ...	26 ...	3 6	19 ...	1 13	12 ...	1 0
G " G <sup>#</sup> ...	25 ...	2 17	18 ...	1 11	11 ...	0 19
A " A <sup>#</sup> ...	24 ...	2 11	17 ...	1 9	10 ...	0 18
B ...	23 ...	2 6	16 ...	1 7	9 ...	0 17
					8 ...	s. d.
					7 ...	16 6
					6 ...	16 0
					5 ...	15 6
					4 ...	14 6
					3 ...	14 0
					2 ...	13 6
						No. 1 and smaller Bells 13/- each.

*(The usual Ringing Fittings are included in the above prices.)*



Small Church Bell with wrought iron stock and wheel.





17 in. Bell, wrought iron stock, wheel and bracket frame, with half dome, zinc cover, for the London School Board.

## TOWERS INSPECTED.

—:0:—

Specifications prepared for Supplying and Erecting  
Peals or Bells of any weight with Fittings and  
Frames, or for Shipment.

—:0:—

## PEALS TUNED, REFITTED and REHUNG.

Old Bells recast accurately to note, and  
to harmonize perfectly with existing ones.

## IMPROVED CHIMING APPARATUS.

—:0:—

HOUR AND QUARTER BELLS FOR CLOCKS.

SMALL BELLS OF EVERY DESCRIPTION.

BELL ROPES, MUFFLES, &c.

MEARS & STAINBANK,

32 & 34, Whitechapel Road,

London, E. 1.

(NEAR ST. MARY'S STATION,



The Re-cast Tenor for Southwark Cathedral.

*(Weight 50 cwt. 0 qrs. 21 lbs.)*







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