The first Harrison lecture entitled The Technology of John Harrison’s Time-Keepers was given by Anthony Randall FBHI; the use of animated drawings to show the action of various escapements was both informative and captivating. Those present without technical knowledge, who might have felt concerned that the presentation would be strictly for the horologists, readily recognised the beauty and precision of the various mechanisms. His fascinating and erudite lecture took place at the last Michaelmas Court at Salters’ Hall which was followed by supper.

Anthony Randall is one of the most highly respected restorers and has constructed a number of unique precision watches and clocks. He trained initially by following the BHI’s Distance Learning Course and then moved to a Swiss watch making school.

He has made many contributions of a scholarly nature to the Horological Journal and was included in Ted Crom’s book Horological Shop Tools to give instruction on metal finishing. A particularly important paper of an investigative nature in 2002, on the mechanism of H4, including the train remontoire and escapement gave rise to the subject of his lecture. He worked closely with Philip Woodward monitoring the accuracy of W5 and has considered in detail the effects of friction and relative humidity, glass balance springs and the use of rolling contact bearings. He was a pioneer of the two axes tourbillon.

Anthony was awarded the Barrett Silver Medal by the British Horological Institute in 1991 and in 2003 received the Gaia prize awarded by the Musée International d’Horlogerie. He has made an immense contribution to horology over a period of more than 40 years and was awarded the Clockmakers’ Tompion Gold Medal at the Livery Dinner in 2007.

### Calendar

<table>
<thead>
<tr>
<th>Month</th>
<th>Date</th>
<th>Event</th>
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<tr>
<td>May 2008</td>
<td>Mon 12</td>
<td>Four Liveries Lecture - 400th Anniversary of the Invention of the Telescope (arranged by The Scientific Instrument Makers), Glaziers’ Hall</td>
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<td>June 2008</td>
<td>Tue 24</td>
<td>Election of Sheriffs, Guildhall</td>
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<td>July 2008</td>
<td>Wed 2</td>
<td>Lady Liverymen &amp; Lady Freemen Summer Lunch, Grays Inn</td>
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<td>Wed 9</td>
<td>Midsummer Court, Irish Society Court Room, Salters’ Hall</td>
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<td>August 2008</td>
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<td>Thu 11</td>
<td>Master’s visit to Lyme Hall, nr Stockport, Cheshire</td>
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<td></td>
<td>Mon 29</td>
<td>Election of Lord Mayor, Guildhall</td>
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<td>Tue 30</td>
<td>Michaelmas &amp; Election Court, The Harrison Lecture and supper, Salters’ Hall</td>
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<tr>
<td>October 2008</td>
<td>Thurs 9</td>
<td>Master’s Visit to New York</td>
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<td></td>
<td>Fri 10</td>
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<td>November 2008</td>
<td>Sat 8</td>
<td>Lord Mayor’s Show, The City</td>
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<td></td>
<td>Wed 12</td>
<td>Livery Dinner, Mansion House</td>
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<td></td>
<td>mid Nov</td>
<td>Proposed Master’s visit to the Wallace Collection, Manchester Square W1</td>
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<tr>
<td>December 2008</td>
<td>Thurs 11</td>
<td>Carol Service St. Sepulchre-without-Newgate</td>
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<tr>
<td>January 2009</td>
<td>Mon 26</td>
<td>Installation Court Service at St.James Garlickhythe, Dinner at Painters’ Hall</td>
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My Father, Fred Day, an engineer by profession, purchased the Thomas Tompion watch movement in 1930 for £5, but it had a later dial plate and case catch spring, no dial, no hands, and no cases. As a child I used to watch my Father mend wrist watches, and I remember being shown the Tompion from time to time when my Father would say “This was made by Thomas Tompion, the father of English watchmaking!”. I inherited the Tompion watch movement many years ago but it was not until 1998 that I became active in horology. When I saw the enjoyment that Liveryman Ken Sandalls was getting from having restored his Tompion watch, I decided to restore my Father’s Tompion, (with my cheque book!)...

In December 2003 Liveryman Ken Sandalls was getting from having restored his Tompion watch, I decided to restore my Father’s Tompion, (with my cheque book!)...

In August 2004 Philip introduced me to Freeman Martin R Matthews, the well known 4th generation London-trained watchcase maker who agreed to make a new dial plate marked (“MRM”), a new case catch spring and its associated “decorated screw”, two new tulip hands recommended by Liveryman Terence Camerer Cuss, and two new hallmarked silver cases, all in keeping with the period. Philip gave me the high domed watch glass. I delivered the movement to Martin in February 2005, and when I collected the watch in April 2005 in its new cases, the work had been done so well that I hardly recognised it!

In August 2004 Philip introduced me to the well known horological engraver Freeman Charles R Scarr who agreed to engrave a new two-piece silver champleve dial, with the inner dial that Jeremy calls the “cherub and garland” design. It is believed that the original “cherub and garland” inner dials were stamped out like coins but unfortunately no one knows where the steel die is now! Charles was so booked up that receiving the watch in November 2005 he could not start work until 18 June 2007, but on 6 July 2007 I collected the fully restored Tompion watch. I was amazed at the quality of the newly engraved two-piece silver champleve dial with the famous “cherub and garland” inner dial. Charles had correctly engraved his name and date on the reverse.

In October 2007 Philip put the balance back into the watch, oiled the pivots and spring, wound it up, and “hey presto” the watch began to tick, probably for the first time in 200 years. It currently does not have a strong beat and does not keep good time so the movement needs servicing, but it now looks more complete and is better protected than it was in 2003. I think the Company should be very proud to have members like Martin and Charles who produce such high quality work in this day and age, mainly using the same tools as were used in 1690. I am delighted with their wonderful work and I will continue to thank them and admire their skill well into the future.

Thomas Tompion was the Master of the Clockmakers in 1703 so I was thrilled to wear the watch when I became a Liveryman in 2005. It is a sobering thought that if I had walked into Thomas Tompion’s premises in Fleet Street in 1690 I could have bought the watch for about £11.00!
LUNCH WITH FRANK HOHMANN

In March, the Master with the Clerk and Past Master Christopher Hurrion took Frank Hohmann to lunch at the Athenaeum. Frank has kindly invited the Clockmakers to view his Collection in New York, and a visit has been arranged for October 2008. The Company is extremely grateful to Frank for his continued generosity.

HMS ENDURANCE

Endurance values very strongly her links with her Affiliates and was extremely pleased to be able to host so many of her wider family on board in September last year.

On Tuesday November 27th, Past Master David Poole accompanied by his wife and the Clerk visited the ship the day before she sailed to present the Clockmakers’ Man of the Year Tankard to Chief Petty Officer Ben Jones for his outstanding service and dedication to duty as the Outside Services Engineer during HMS Endurance’s 2005/2006 Antarctic Deployment. The ceremony took place in the Captain’s cabin and was followed by luncheon at the Old Customs House.

After a prolonged period of maintenance and with many new faces on board, Endurance sailed for her first 18-month deployment on November 28th. The first port of call was Recife, Brazil before she headed south to the Falkland Islands in time for Christmas.

In January the ship arrived off the Antarctic Peninsula to establish a drilling camp at the top of Mount Haddington, the foundations of which were laid last season. The purpose of the drilling is to obtain an ice core some 400m. deep to show climate change over the last 15,000 years. A Survey Boat was also deployed at Deception Island to gain an accurate picture of Neptune’s Bellows, the island’s entrance where a cruise ship hit a rock last summer.
In August last year, the Keeper of the Clockmakers’ Museum received an e-mailed inquiry about a clockmaker named Edward Scrivener. The writer of the e-mail had inherited an oil portrait of Scrivener many years before and was now curious to know more about him. The correspondence continued on and off for several months, and in the end, the owner kindly offered the portrait for sale to the Museum. Through the prompt action of the Museum Trustees and the generosity of both the Friends of the Clockmakers’ Museum and the Trustees of the Clockmakers’ Collection Fund, it was safely acquired for a reasonable price.

Fewer than twenty historic oil portraits of London clockmakers are known, nine of which are already in the Clockmakers’ Museum. The known portraits mostly show makers who worked at the upper end of the market, who were highly successful in their careers and who wore fine clothes. The particular rarity of the Scrivener portrait is that it depicts a man who was clearly prosperous, but not especially rich, his modest waistcoat enlivened only by its silver buttons and his jacket by its scarlet lining. He is shown moreover with examples of his work, which as one might expect, are good, but not exceptional. He holds a gold watch with a gold champlevé dial in his hand, while leaning casually on an ebonised bracket clock. The broken arch of the clock dial contains the bold inscription “EDWD.SCRIVENER, LONDON”. In his relative modesty, he represents the great mass of members of the Clockmakers’ Company in the 18th century. The portrait is an important and exciting addition to the Company’s collection.

Scrivener’s name appears in the Company’s manuscript archive only once. The Court Minutes show that he was apprenticed through the Clockmakers’ to John Long on November 6th 1727 for seven years. He never applied for his freedom and the Company did nothing to pursue him. He is not recorded again. Little is known of his master either, beyond the fact that he was apprenticed for a while to Ambrose Gardener, an employee of Tompion. Scrivener’s skills therefore derived from an impressive source. The portrait is in remarkably good condition. It awaits only gentle cleaning and repairs to the gilding of its frame.

It is hard to believe that there is a close connection between a shocking pink double-decker bus, now travelling the streets of London and the Clockmakers’ Museum, but there is. The ‘London Museums Hub’, the ‘strategic regional development agency’ for central London museums, has financed the advertising on the bus for one year, to attract tourist attention to the City’s smaller museums. Covering the entire back of the bus is a photograph taken by the Keeper, of the Museum’s “Mary Queen of Scots skull watch”, its jaws slightly agape.

The bus carries a website address, www.culture24.org.uk/bus which when consulted, describes the purpose of the enterprise. It runs on two routes. The first is No. 8, via Cheapside, Holborn, Oxford Street, City, Shoreditch and Bishopsgate. The second is No. 15, via Commercial Road, Cannon Street, City, St. Pauls, The Strand, Trafalgar Square, Regent Street and Oxford Circus. As it happens, even without the bus, the visitor numbers for the Clockmakers Museum this year are extremely creditable. Nine and a half thousand people have passed through the door in twelve months. Maybe the bus will increase the numbers next year: maybe it won’t. But if a shocking pink bus passes by you in the street, remember to raise your hat or give it a cheery wave.

The death of Sir Edmund Hillary occurred on 11th January 2008. It was the suggestion of the Keeper’s wife that a small black ribbon should be tied to the wristwatch which Sir Edmund had worn during the first ascent of Everest in May 1953 and which he later presented to the Museum. Tying a ribbon neatly to a wristwatch which is fixed to the back of a large showcase is not an easy business. At least the Keeper found it unexpectedly difficult and as he tried for the third or fourth time to make the bow hang neatly, he was embarrassed to find that he had acquired an audience. “What are you doing?” asked the visitor. The Keeper explained that he was trying his best to honour the memory of a Great Man, who at that moment was lying-in-state on the other side of the world. “Oh Good. That’s nice. I’ll tell his widow”, said the visitor. “I live in New Zealand. I am her next-door neighbour”.

www.clockmakers.org
In April, a group of 32 members of the Company boarded the Eurostar en route for Utrecht. Whilst all in the group were excited about the visit and confident that the Master had arranged an interesting programme, no one had envisaged quite how exceptional it was to be. However this was all before them as they dined together on the first evening in the Luden Restaurant next to the hotel. It was beautifully served on a long table in a delightfully old-fashioned dining room.

The coach arrived, a trifle later than expected, on the first morning, to take everyone north of Amsterdam to Zansee Schans. On arrival the group were split into two. Half met up with Hans van den Ende and his son Hans, and went to see his fine collection at their lovely home nearby; and the others went to the Museum of the Dutch Clock in a picturesque cottage, part of a recreated village of 17th and 18th century wooden houses. This is a unique collection of historical Dutch clocks from 1500 - 1850. Director, Carel Hofland and his colleague Pieter provided a very informative and interesting guided tour for us. The village also housed a cheese making, and a clog making museum, working windmills and many other attractions.

The visit to Hans’s collection was a special privilege. He is President of the Dutch Section of the Antiquarian Horological Society, and as well as being an accomplished and serious horological scholar, he is the most hospitable and charming host. We were entertained regally by Hans and his wife Willy. Richard Cope, when thanking Hans, said that in all his 42 years with the Clockmakers, this fine private collection of around 200 clocks was undoubtedly the most exceptional that he had seen.

Both groups met and lunched at Zansee Schans, and swapped over in the afternoon. Hans, Willy, and their son Hans, returned to Utrecht in the coach, and the group were soon tucking into a splendid dinner at Polman’s Huis in a very large and beautiful room with an exceptionally high decorated ceiling. The Master thanked Hans formally, and Hans presented a signed copy of Huygens’ Legacy – The Golden Age of the Pendulum Clock, produced by Hans and his co authors.

On Saturday morning the group caught a packed 9.24 train to Amsterdam and met up with Hans and Hans junior again. They gave us a delightfully interesting tour of the medieval houses of Amsterdam and explained many of the curiosities and architectural techniques of the houses of that period. The weather had turned a bit cold but we were well refreshed with coffee and apple cake in the converted Der Waag (or Weighing House) that was originally part of the city walls, called St. Anthony’s Gate. He took us to “secret” places that most guides don’t take you to – for example the Museum Amstelkring – a 350 year old house with a very special and beautiful “secret” church in its attic, from the time when Catholicism was banned.

On Sunday morning we were greeted by Bob van Wely, Director of the National Museum in Utrecht. He personally conducted the group around his “Speelklok” museum – an outstanding collection of all things musical from the finest musical clocks to street organs - a riotous, lustily noisy in some respects, and utterly fascinating collection. In addition, we were able to visit their restoration department to see three clocks from the Chinese Imperial collection (the Forbidden City, Palace Museum).

The majority then climbed the Dom (Cathedral) tower, up many hundreds of feet and so many stairs we lost count, to see its Borrel clockwork and the large 17 century Sprakel musical carillon drum at the top. The timing was perfect and we arrived at the top to witness 12 noon “strike” and see and hear at first hand the accompanying musical display on the Hemony carillon.

Back on Eurostar for the return, the Master gave all the ladies a bouquet of tulips, in plastic bags with water in the bottom that contributed to the merriment. It was, altogether, a delightfully organised, happy and interestingly varied Master’s outing.
The BADA Antiques and Fine Art Fair is one of the leading events in the London calendar and the 16th Annual Fair took place in its customary luxury marquee in the Duke of York’s Square from March 5–11. It is a showcase for the capital’s most prestigious dealers and the Clockmakers’ Company was well represented.

**The Livery Dinner**

The Annual Banquet took place on 24th October 2007 in the magnificent surroundings of the Egyptian Hall at Mansion House. David Poole, who was Master at the time, presented the Tompion and Harrison Medals.

The Tompion Medal was awarded to Liveryman Anthony Randall for his outstanding contribution to horology, as a highly accomplished watchmaker who has completed practical research to widen knowledge and understanding.

The Harrison Medal was awarded to Freeman Will Andrewes for his work as a Curator by encouraging an international audience to gain deeper knowledge of the timekeepers of John Harrison and focussing the public attention on timekeeping.

Our warmest congratulations to them both.
Major General David Pennefather was Master in 2006 when His Royal Highness The Prince Philip Duke of Edinburgh unveiled the memorial to John Harrison in Westminster Abbey. David Pennefather commissioned a painting of the ceremony, and has generously donated it to the Company to commemorate this historic event, and his year as Master of the Company. He formally presented it to the Master on 15th April 2008, and it will hang in the Museum with a plaque personally signed by Prince Philip.

David Pennefather’s gift to the Company

Michael Smith was born in Scotland in 1930 and having spent most of his life abroad, returned to Scotland on his retirement. He died peacefully at his home in Kelso on 28 February after a two-year illness. Michael spent most of his working life in the Middle and Far East, ending his career as head of the engineering division of Jardine Mathieson, the famous Hong Kong trading company. Along the way he married Kate, a doctor, and they had three children of whom David, their son, is also Liveryman of the Company.

He was first and foremost, an engineer. He collected and repaired clocks in Hong Kong and on retirement decided to train as a working clockmaker and was admitted to West Dean College for their horology course. His graduation with distinction was one of his proudest achievements. He fitted out a magnificent workshop over the garage at his home in Kelso and made and repaired clocks up to the time of his death; he had just finished making a drop dial clock, one of three he intended making for each of his children. It is sadly the only one he actually completed.

Michael was also a keen pilot, even building his own aeroplane. He flew light aircraft until just before his death. His other great interest was old cars. He owned a wide selection, from an Austin Seven that he rebuilt from the chassis up in a few spare moments, through a Bugatti, a Morgan Aero, an MG and two stately 20/25 Rolls Royces.

He joined the Antiquarian Horological Society and became a member of the Council; after a few years, he became Chairman and saw them through a difficult time to lead them to their present flourishing condition. He became a Liveryman of the Clockmakers in 1987 and was elected an Assistant in 1997. At the same time as he was Master in 2002, he was President of the British Horological Institute and therefore was at the head of all three of the great horological institutions; a feat that may never be repeated.

Our thoughts are with Kate, David, Kirsty and Fiona in their sad loss of a memorable man.
We welcome the following new Freemen

John Roland Berkley
Robert John Byrne
Oliver James Cooke
Simon Hugh Wynne Frodsham
Stephen Donald Galpin
Stephen James Gilmour
Nicholas Charles Gilmour
Gerald Grunsell
Paul Harris-Magri
Edward Meade Hatley
Sandra Anthea Harris
Philip Stuart Hygate
Christopher Leslie Papworth
Nicholas Parsons

We congratulate the following Freemen on being raised to the Livery

Allen Lionel Burlton
Jonathan Edward Hills
Anthony Jepson
John Michael Rudd
Anthony Christopher
John Solway
Adolph John Zubick

We much regret to record the following deaths

Past Master Michael Monro Smith .................. 1984
Liveryman Peter George Weiss ...................... 1987
Liveryman Harold William Bisson .................. 1989

Honorary Freeman Audrey Burton, a benefactor of Clockmaking Studies who received the OBE for charitable services in Harrogate, North Yorkshire. She is the widow of Liveryman Stanley Burton with whom she founded the Audrey and Stanley Burton Charitable Trust.

Liveryman Brian Newman, who received the MBE for voluntary services to the Saffron Walden Community. He was for 47 years, Governor/Treasurer/Chairman and Vice Chairman of St. Mary’s Primary School: 30 years as Chairman of the Saffron Walden Museum Society: 30 years as Master of the S.W. Almshouses: 30 years with the Council of Churches, to name but a few of the institutions with which he was involved. Brian is the Managing Director of A. James Jewellers and has recently completed his sixtieth year with the firm.

Freeman Robert Stheeman was awarded the CB after only five years at the Treasury, having been in the banking world all his working life.

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THE GREENWICH TIME LADY

Liveryman David Rooney’s latest book, Ruth Belville, The Greenwich Time Lady will be published in late September, price £12.99

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