



# THE FUELLER

The Official Journal of The Worshipful Company of Fuellers

Registered at Stationers' Hall

## The Master's May weekend in Cheshire

For the 2014/2015 Master's Weekend, Fuellers were invited to the fine historic city of Chester, home town of the Master, Neville Chamberlain CBE.

As the opening part of the Master's weekend programme, on 15th May a party of 18 Fuellers were privileged to visit Urenco's uranium enrichment facility at Capenhurst. The group learned that Urenco is owned 33/33/33 by Germany (EON/RWE), the Dutch, and the British government.

The fascinating tour explained how arrays of centrifuges are now used to enrich the proportion of uranium 235 in natural uranium for use in civil nuclear reactors, using only one 50th as much energy to do so as the former gas diffusion based approach. The oldest centrifuges still operating have spun continuously for 35 years. The newer ones incorporate confidential innovations. Site security is tight, to ensure the technology is well-protected. The end product is a barrel of enriched uranium, suitable only for civil power and not for weapons, worth up to £1m per barrel for Urenco, which is paid by clients like EDF.

Looking to the future, the firm has a £2bn investment programme. It is working to address the nuclear skills shortage through, as part of the Cheshire Energy Hub, training a new generation of highly skilled engineers and innovators.



Saturday was one of those days when hats were blown off and coats needed to be buttoned up, and we were tested to see the sun behind the clouds. Our charming guide, Yvonne Kirk, introduced us to the Major Portico Project, which involved the restoration of the City Wall Towers, funded by EU. The aim of this project is to reveal Archaeology for Commercial and Tourism purposes. A 2000 years old Roman Road, bone fragments, shellfish, and many other "museum pieces" can now be seen on the street by the passer by.

We then saw the oldest, flattest and shortest racecourse in the Country, which was once the sight of a massive Roman Harbour. The first race was held in 1539 with the consent of the Mayor Henry Gee, whose name led to the use of the term GG for horses.

We walked around the most complete city walls in Britain, crossing over ancient gateways and exploring magnificent water towers, St Martins Gate and the Roman Gardens and Amphitheatre.

This was followed by an iconic vintage bus tour and a guided visit to the magnificent Chester Cathedral. In the evening the Lord Mayor of Chester, Bob Rudd, held a civic reception for the Company in the Mayor's Parlour in the Town Hall, where we all admired the paintings by the famous Artist L S Lowry: a fine example of British naive Art. The highlight of the occasion was the signing of a historic Association Agreement between the Company and the City of Chester. The very special grace was said by President of the Freeman & Guilds of the City of Chester, Canon Dennis Kelly, and this added informality to the occasion.





The Master’s weekend (Cont...)



The city walk

On Sunday morning, we were particularly privileged to be taken around the new Island Site at Chester zoo. Founded by George Mottershead in the early 1930’s, the zoo is a showcase for animals “without bars“. The theme is protecting endangered species, with special emphasis on South East Asia. On these islands the architects have designed authentic sites where visitors can see the animals in areas which simulate their natural habitats. Education centres filled with information will encourage visitors to want to learn about the endangered animals. Orangutans, tigers, visayan water pigs, many species of birds and a colony of great crested newts will all live on these islands.

There was a choice of visits the following morning to Bentley Motors or Jodrell Bank. Established by the eponymous WO Bentley in 1919, Bentley Motors employs 3700 people and produced a record 11000 vehicles in 2013. Production comprises 3 models (Mulsanne, Flying Spur and Continental GT) soon to be supplemented by a new model called Bentayga. We saw a facility operating in an ultra-clean and efficient manner. The attention to detail is quite extraordinary. Whilst one might say ‘so it should be for that price’ such sentiment misses the point. Bentley is dedicated to a ‘leitmotif’ of



The civic reception

excellence in not only its cars but in everything it does exemplified by its commitment to education and training whether its apprenticeship scheme, its work placements or its funding of a new University Technical College for 14-18 year olds. As for ‘fuel’ there are 20,815 solar panels generating 40% of electricity needs, zero waste goes to landfill and since 2011 water consumption has been reduced by 41.4%.

The only PPE required at Jodrell Bank was an umbrella! Dr Teresa Anderson gave a great insight to past, current and future activities of the University of Manchester’s School of Physics and Astronomy.

Professor Sir Bernard Lovell’s Grade I listed huge telescope remains at the hub of the site, now shortlisted for World Heritage Status by UNESCO. It will soon host the headquarters of the



Dinner at the racecourse



At Bentley Motors

new Square Kilometre Array, dishes for which will be located in deserts across southern Africa and Australia.

Jodrell Bank seeks to promote education in STEM subjects, particularly for women, looking to ignite a spark in young minds.

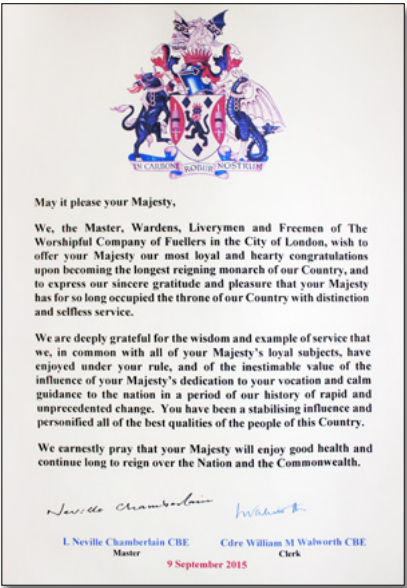
Members of the Company who had the foresight to attend the Weekend were indeed most fortunate to take part in such a well-organised, informative and convivial occasion. Hearty thanks are due to the Master and the Master’s Lady, Mrs. Joy Chamberlain, for the souvenirs of the event, which were provided to the attendees, and for their wonderful hospitality.

Chloe Andrews, Michael Bryer Ash, Paul Cuttill, Elinor Goldsmith, Paul Mott, Elena Oderstone and John Sharp

News from the Court

LOYAL ADDRESS

On 9th September, a Loyal Address to Her Majesty the Queen offering the Company’s most loyal and hearty congratulations upon becoming the longest reigning monarch of our Country, and expressing our sincere gratitude and pleasure that Her Majesty has for so long occupied the throne of our Country with distinction and selfless service, was delivered to Buckingham Palace.



THE QUEEN’S BIRTHDAY HONOURS

The Court extends its congratulations and good wishes to Liveryman Professor Averil MacDonald on her appointment as an Officer of the Order of the British Empire in The Queen’s Birthday Honours.

THE FREEMEN AND GUILDS OF THE CITY OF CHESTER

On 16th May 2015, a Declaration of Association was made between the Company and The Freeman and Guilds of the City of Chester. The Declaration was signed by Master Neville Chamberlain CBE and Canon Dennis Kelly, President of The Freeman and Guilds of the City of Chester, and was witnessed by Councillor Bob Rudd, Lord Mayor of Chester.

CITY BRIEFINGS

It is essential that any Liverymen seeking to be considered for election to the Court should attend one of the City Briefings. They are aimed particularly at new Liverymen and Freeman; partners are also welcome, as are Court Assistants and Liverymen of longer standing, who have not previously been to a Briefing, who are also encouraged to attend.

The Briefings give a short introduction to the work of the Corporation, especially the relationship with the livery companies. The presentation is given by an Assistant Town Clerk and a member of the Livery Committee. There is the opportunity to ask questions of the speakers and the Briefing is followed by a light finger buffet, which provides the chance to mix with other Liverymen and Freeman.

The next courses are Monday 23rd November 2015 and Tuesday 9th February 2016. Booking and more information from [www.liverlycommitteeecourses.org](http://www.liverlycommitteeecourses.org)

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The Master with Freeman Colin David, Liveryman Paul Cornwell, Freeman Louise Thompson and Freeman Robin Adderley

Photo: Michael O'Sullivan Photography

NEW FREEMEN AND LIVERYMEN

MIDSUMMER COURT JUNE 17th 2015  
AT SKINNERS' HALL

Freemen admitted by redemption  
Robin Terry Adderley  
Colin Walter David  
Louise Ann Thompson

Freeman enrobed into the Livery  
Paul Keith Cornwell



# The Master's Review

What a time it has been for anniversaries and I am pleased to report that The Fuellers played their part in all the celebrations from Magna Carta (800 years) and Agincourt (600) to the joyous celebration of The Queen becoming our longest reigning monarch.

The toughest personal challenge for me has undoubtedly been the Pilgrimage Tour of the English Cathedrals. The frustration of traffic jams, the navigational challenges to find some of the more modern Cathedrals and the appalling weather we endured made this a real challenge in every sense. My great thanks to those Fuellers who joined us on some of the visits and to our sponsors. But my greatest thanks go to Joy who stuck with me through the tribulations and came to every Cathedral, all 55 of them. The immense satisfaction of achieving such a fine total, the warm welcomes that we received and the memories of each of these unique institutions makes it all worthwhile. There is now a little piece of The Fuellers, one of our wall plaques, in each of these corners of the country. And, by courtesy of our sponsors, each Cathedral will have a small contribution to put towards its fuel bills next Winter! Moreover, there is a cohort of remarkable Deans, Sub-Deans, Virgers and Cathedral Administrators who, as well as knowing the fascinating stories behind every stone of their wonderful buildings, now know about The Fuellers and what we do.

Reflecting my personal career in the nuclear industry, I have been delighted during the Summer to introduce quite a few Fuellers to the sector with our visits to Urenco [uranium enrichment], Sellafield



The Pilgrimage: with Liveryman Alan Dowdell at Chelmsford



The Pilgrimage: with Past Master David Port at York

[spent fuel treatment and waste management] and Hinkley Point nuclear power station. Joy and I were also so pleased to entertain some thirty Fuellers on my Master's weekend in Cheshire, where we were able to sign a Declaration of Association with the Guild and Craftsmen of Chester in the presence of the Lord Mayor. A bit of

pomp to mix with the fun!

Our association with relevant units of the armed forces was given expression through a series of enjoyable visits and events, most notably our day on RFA Argus. Joy and I also represented The Fuellers at the laying up of Number 10 Squadron's Colour in St Clement



The signing at Chester of the Declaration of Association



Chester Zoo



Jodrell Bank Observatory



The Thames Cruise

Danes, the Sea Cadet's annual band competition at The Tower and RAF Tactical Supply Wing's impressive Battle of Britain 75th Anniversary celebration.

Supported by the Wardens and others, we have also had the privilege of representing the Fuellers at many City and Livery events. It is most satisfying to witness the high regard in which The Fuellers is held throughout the Livery movement. We have every right to be proud to be FUELLERS!

In June, I was pleased to host a special Affiliation Lunch for the presentation of our awards, which gave us ample opportunity to honour the winners and pay due recognition to the services they represent. I am grateful to former Chief of the Defence Staff, and Past Master Draper, Lord [Mike] Boyce, for presenting the awards.

I am pleased to see how well our Conversations series is continuing, thanks to PM Paul Cutill's sterling work. Sadly, Jane Ayre has had to give up the Fuellers Shop which she has run for years; we thank her and welcome her successor; Mary Byrne. Thank you, Mary, for stepping forward. We also have yet to replace Michael Shirley as our enthusiastic Golf Secretary. So many members contribute in so many different ways but we still need new volunteers.

The Company continues to grow, albeit slowly, and I urge all members to consider which of their acquaintances might appreciate our unique blend of calling and comradeship.

Thank you to the Fuellers Company for affording to me the privilege of representing you, for the immense support you have given me and for the amazing memories to carry for ever. I look forward to the Fellowship of The Fuellers as one of your proud Past Masters!

**Master Neville Chamberlain  
CBE**



# The Industry Group

In the 3 years since the Court approved the creation of the Industry Group, much has been done to create a programme of events and connections to further the relevance and role that the Fuellers' can play in the energy industry in the UK and beyond.

These 3 years have seen 12 Fuellers' Conversations staged with a range of speakers that has surpassed what was thought could be possible when we set out in October 2012 with Volker Beckers discussing the Skills challenge.

The support of EY in facilitating the whole presentation of the Conversations has been invaluable in creating just the right atmosphere and ambience for a professionally informal but meaningful exchange of views and opinions on the topics of the day. This support plus the willingness of attendees to make a modest donation to the Charitable Trust has meant that over £3500 has been raised for FCTF funds.

Nonetheless it is always incumbent upon any entity to keep refreshing by challenging itself as to what it is doing and the summer has seen the Industry Group do just that. In June the Court approved the doubling of the Group in size and Liverymen Shravan Joshi, Ashutosh Shastri and Michael Shirley attended their first meeting in July, held just before the latest Conversation addressed by Liveryman Professor Averil Macdonald OBE. At the same time, the Court approved a proposal that the Fuellers' strike up an association with the Energy Industries Club and the All Party Parliamentary Group on Energy Costs whereby we share one another's open public programme of events.

There is much more to come and to be made of this but it is a terrific start in widening the reach of the Fuellers' Company into other areas of

the energy industry whilst hopefully providing more events for Fuellers to attend.

The July Conversation with Averil was one of the best attended of all and provided a hugely stimulating discussion around the subject of how to attract more girls into science, technology and engineering.

With the support of Network Rail, Averil had researched the issue in depth and found that it is a myth that girls are not choosing STEM (science, technology, engineering and mathematics) subjects. The fact is the girls are not choosing physics post 16 – it is only the nineteenth most popular A level for girls. This arises from a range of limitations including out of date or poor quality teaching, limited access to the triple award science and the need to be more convincing as to what's brilliant about a career on engineering regardless of sex whilst being more effective at helping mothers in particular to see the wide range of careers in STEM as they wield significant power in directing daughters down specific career paths.

On the back of the research undertaken by Averil and the many presentations she has made subsequently exhorting action, WISE, a campaign to promote women in science, technology and engineering, has launched its People Like Me campaign.

This revolutionary approach links social science into the STEM world and centres on the fact that girls are

much more likely to use adjectives to describe the attributes required rather than verbs that are more commonly used by boys. To overcome the deep rooted societal attitudes and social structures that make girls have difficulty balancing science with femininity, the campaign sets out 12 types of scientist and thereby emphasises the 'types of people' that are happy and successful in a wide variety of jobs and careers using STEM qualifications.

Averil's research and the People Like Me material can be found at [www.wisecampaign.org.uk](http://www.wisecampaign.org.uk) and the Company is hugely fortunate and blessed to have the author of such ground breaking research and action planning in its midst.

**Past Master Paul Cuttill OBE**



*Fuellers' Conversations are facilitated by EY.  
EY are corporate members of the  
Industry Group*

# Industry Visits to Sellafield and Hinkley

A group of eleven Fuellers visited the Sellafield nuclear storage and reprocessing site on 7th & 8th July 2015. The visit was arranged through the good offices of the Master, Neville Chamberlain, who is well known to many at the site.

The group gathered on Tuesday night at the Sella Park, a very pleasant small country house hotel that in years past had been used as a private guest house for Sellafield. The Fuellers enjoyed a dinner of local produce and were given a very full and frank briefing on the history of Sellafield by George Beveridge, the Site Manager. During the Second World War Sellafield had been used as a munitions store, and during the Cold War it became the centre of the UK's nuclear weapons programme. The site contains the Windscale Piles. These reactors were designed to produce weapons grade plutonium. Pile number 1 was closed after seven years of operation following a fire in 1957, which remains the UK's only major nuclear accident.

On Wednesday morning the Fuellers were briefed by Ian Abbot, who is the director responsible for safety at Sellafield, and also a Fueller. Ian described the approach of cleaning up the high risk facilities first. These were mainly the "legacy" facilities from the 1950s, 1960s and 1970s, including the Windscale Piles and associated fuel pond and fuel cladding silo, and the first generation Magnox storage pond and swarf storage silo. Following lunch, Ian would accompany the Fuellers on a visit to these areas.

However, the rest of the morning was taken up with a visit to the Thermal Oxide reprocessing Plant (THORP), and a plant maintenance shutdown afforded the opportunity to view the fuel storage ponds and the "shearing Caves" where, in the latter case, used fuel rods are sliced into small sections before the nuclear elements are dissolved in acid prior to being encapsulated for high-level storage, leaving the metal elements to be treated as intermediate level waste. The main storage pond is the size of twenty Olympic sized swimming pools and there are investment plans that would allow the ponds to store the full expected volume of fuel from the UK's AGR

fleet. The work associated with the current reprocessing contracts for THORP should all be complete by November 2018. It is unclear what role THORP will fulfil after that.

The visit concluded with many of the Fuellers group taking a very enjoyable journey on the picturesque rail line from Sellafield to Carlisle, before boarding the express back to London.

**Court Assistant David Lewis**

On 16th July a party of 17 Fuellers plus three guests from DECC and Ofgem, led by the Master, made their way on a sunny July day to EDF's Hinkley Point power station, based on a gas-cooled reactor. After a safety talk, acting station director Paul Dean was proud to show the visitors around the spotless plant. The tall "fuel stringer" machine for on-load refuelling was particularly striking, as was the simulator control room used for training, and the large earth-moving machines on the possible new-nuclear site nearby. Coming after Sellafield and Urenco, this completed a trio of excellent summer nuclear visits

**Liveryman Paul Mott**

A consignment of highly active waste (HAW) has been safely delivered from Sellafield to Switzerland for the Swiss electricity utility Kernkraftwerk Gösgen-Däniken AG



# Powering the UK 2015

The contribution of the energy sector to the UK economy's growth can often be overlooked. The work that energy firms do to innovate, generate, transport and supply energy largely happens in the background and more often than not is taken for granted by us as consumers. It can be easy to forget that it underpins most if not all of the activities of the UK's homes and businesses and that it creates significant economic value in its own right.

Last year energy firms contributed £83 billion to the UK economy, which is approximately 5% of total UK gross domestic product (GDP), according to EY's report Powering the UK 2015. This activity supported around 619,000 jobs across all regions, meaning that 1 in every 48 jobs in the UK was related to the energy sector. As a truly UK-based industry, the energy sector also makes a significant contribution to the Exchequer. The report estimates that contribution to be around £6 billion in direct and indirect taxes in 2014, as well as substantial further sums paid to local authorities through property rates.

The numbers illustrate that the sector is one of the 'powerhouses' of the UK economy. In putting the report together it also became clear that the sector is in a period of evolution, with potentially disruptive trends beginning to challenge traditional business models.

Take for example, the need for energy firms to decarbonise while continuing to supply secure and affordable energy. This will require substantial and ongoing investment in new infrastructure. This investment is taking place against a backdrop of falling demand for electricity driven in part from improvements in energy efficiency and the continued rise of distributed generation. Between 2013 and 2014, consumption of electricity fell by 4.3% to its lowest annual level since 1995. Recent figures show that this downward trend is only likely to continue into 2015.

As more and more smaller-scale, locally connected, generation and demand reduction capacity is connected to the system, the dynamics of our electricity infrastructure changes too, little by little. The future may see a lesser need for large scale grid-connected generation, but a growing volatility in system demand. While change from one year to the next tends to be modest, the cumulative impact of these trends in the way electricity is produced and consumed will increasingly have a knock on effect

on the type of investment that will be required, with investment choices facing firms and investors becoming less about replacing like for like.

To use familiar words, this process of evolution in the energy sector changes everything. Again. From the ways in which UK firms are responding to these and other trends; to the challenges they face to maintain and develop their workforce; the role of industry-led innovation in energy production and transportation; to the ways they interact with consumers. You can read more on this in the latest Powering the UK 2015 here.

If you would like to have a discussion about this report please contact:

**Tony Ward, Partner, EY**  
**Head of Power & Utilities UK&I**  
 Email: [tward1@uk.ey.com](mailto:tward1@uk.ey.com)

Or visit [ey.com/energy](http://ey.com/energy)



Tony Ward, Partner and Head of Power & Utilities for UK&I, EY

## Powering the UK 2015 at a glance

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In 2014, energy firms contributed

**£83b**

in GVA to the UK economy,

equal to about ...



This activity supports

**619,000**

jobs across the country



Equivalent to  
**1 in every 48 jobs**  
 in the UK.

In addition, the energy sector contributed around

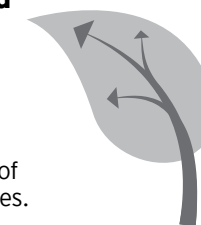
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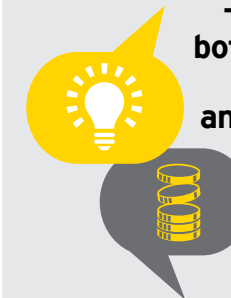
... in taxes to the UK Exchequer.

The sector needs to **decarbonise** whilst maintaining secure and affordable supplies of energy.

This transition involves a set of complex choices.



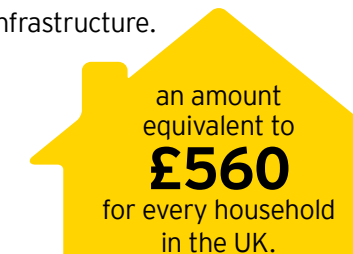
Choices around our generation mix – today and over time – will require both sustained investment and a focus on innovation.



In 2014, the sector invested a record

**£15.1b**

in infrastructure.



an amount equivalent to  
**£560**  
 for every household in the UK.

Implementation of EMR appears to have provided some **regulatory stability.**

However, recent policy changes have eroded some of this progress.



Record number of firms serving the domestic market points to the investment the sector has made to increase choice for consumers.



Firms are also investing in their **workforce**

helping to create greater choice for people considering pursuing a career in energy.





# The Midsummer Court Ladies Dinner

In a break from tradition, the Ladies Dinner was held in June following the Midsummer Court Meeting. After a very well chosen dinner, Senior Warden John Ingham welcomed all of our guests including Mrs Gill Moore, Master of the Builders Merchants. He went on to welcome and introduce our principle guest and speaker Dr Dame Sue Ion DBE FREng. In 2014, Dame Sue became the first woman to win the Royal Academy of Engineering's most prestigious accolade – the President's Medal – for her outstanding service to the nuclear industry, the Academy itself and the wider world of engineering. She was presented with that award by our Hon. Freeman, and Academy President, Sir John Parker GBE FREng at the annual Academy Awards Dinner.

Her subject of course being the nuclear industry, Dame Sue reflected on the journey the UK had made from global leader in the sector to also-ran – and then painted a more optimistic picture of the future. She concluded by saying that the future is bright – and nuclear – and that there is a major role for nuclear power and for top talent whether male or female in it. This was by far the most interesting after-dinner speech on the subject of energy that I have yet heard and I have the full speech should any Fueller wish to read it.

The Master rose and thanked Dame Sue. He then thanked the Court for their support and their Ladies and Consorts for the support that they give and to whom he gave a small gift.

Jenny Ingham responded amusingly, thanking the Master for his remarks and gifts.

**Past Master John Bainbridge**



The Master in the terrace garden with guest speaker Dame Sue Ion



Court Assistant Neville A. Brown and Mrs Margaret Brown with Hon Court Assistant John Sharp and Mrs Susan Sharp

Photos: Michael O Sullivan Photography



The attentive dinner during Dame Sue's speech



Senior Warden John Ingham in action



The response to the Master by Mrs Jenny Ingham

Photos: Michael O Sullivan Photography



## The Fuellers Charitable Trust Fund

It was with great anticipation that I travelled to Stockwell on the 11th July for the Platanos Parade Day and the official handing over of the new minibus. I have been a member of the Trust for over 11 years and this was by far and away the most significant donation we had made to any organisation.

There is no doubt that the College has made huge progress since we first started supporting them some 5/6 years ago. Our main purpose of funding was so that cadet groups could be formed and increase the aspiration and worldly experience of some of the pupils, there is no doubt that has been achieved with great results. We became aware of their need for better transport when they attended one of the final flying days with RAF 216 squadron at Brize Norton, their arrival was delayed due to problems with their transport, and looking at the vehicle we understood why and saw the opportunity to make a real difference.

The Trustees discussed this in depth and due to outstanding support we are now receiving from Fuellers by regular donations we were able to take the leap of faith to make the purchase. The cost was circa £28,000. Our firm view as Trustees is that there is no point in just raising funds; we have to spend it sensibly on worthwhile projects.

As you can see from the pictures it looks quite splendid and I hope you see it travelling around London.

So if you are not regular donors do fill out the form enclosed and enable us to do more good work. It is possible that when that Winter Fuel payment arrives shortly you would wish to put it to a charitable use. We can assist with that task: fill out the annual donation box for Oct/Nov and we will do the rest.

The college is absolutely delighted with their new vehicle, thank you so very much to all those of you who have made it possible.

**Past Master Michael Husband  
Chairman**



How many can one get in a Fuellers' minibus?



The presentation. Court Assistant Peter Harrison, Chairman and Past Master Michael Husband and Junior Warden Janet Harrison with Mr Akin Alabi, Chair of Governors of Platanos College



The full Fuellers' livery on the minibus

## Fuellers' Lecture proves timely

The Master, Neville Chamberlain CBE, and other Fuellers gathered with their guests on a rather damp September evening for the 11th Annual Fuellers Lecture at the magnificent Drapers' Hall. The annual Lecture, inaugurated by The Lord Ezra MBE and sponsored by King, Wood and Malleison, has proven to be a very popular event, and this year was no exception.

The Master with great prescience had arranged for Minister Counsellor Mr Jin Xu of the Commercial Section, Embassy of the People's Republic of China, to give the address. The subject of the evening was China's energy policy and programmes and Chinese aspirations to take part in the forward energy programme in the UK. Most of us had realised that there was significant potential for Chinese involvement in UK infrastructure. However, few of us had realised just how topical this lecture would be until we heard the news that the Chancellor of the Exchequer, on a visit to Beijing, had that very day announced up to £2 billion of loan guarantees, to be provided by Infrastructure UK, to support the involvement of China General Nuclear and China National Nuclear Corporation in EDF's project at Hinkley Point.

Mr Xu first made an interesting and amusing speech and then responded to a number of probing questions. He noted that China has been growing at more than 10% per annum for around 35 years, and is now the world's second largest economy. It is the world's largest exporter and the second largest trading partner for the UK. China set out its energy strategy 3 years ago in a white paper: it is targeting clean energy and improved energy efficiency. There has been a lot of investment in wind, solar and nuclear technology, all of which technologies have a bright future.



CGN (China General Nuclear) Group President He Yu and EDF's CEO Jean-Bernard Levy formally signing the Agreement for Investment in the Construction of Nuclear Power Projects in the United Kingdom witnessed by Prime Minister The Rt Hon David Cameron MP and China's President Xi Jinping



Part of CGN Group's congratulatory message to President Xi Jinping on his successful visit to the UK

Nuclear power has been growing rapidly, but still only accounts for between 5 and 6% of the total market. China initially learned from others but is now becoming an innovator.

Mr Xu then considered the UK, which is a great innovator and has been responsible for inventing many things that the rest of the world had then adopted. Britain was the first with nuclear energy, but runs the risk of giving up that leadership to others. The technology is now being developed in other countries but not in the UK. Mr Xu made the point

that cooperation between the UK and China in the field of energy will be good for both parties. He drew a parallel with soccer, which had been invented in Britain. Other countries are now more successful, but England has the Premier League, which is the world's most competitive league, because of the cooperation of players from all countries. It is important

for the Chinese nuclear industry to be successful in the UK because then other countries in Europe will follow the lead given by the UK.

At the end of the formal proceedings the Master presented Mr Xu with a Fuellers bronze desk crest in thanks for a most interesting lecture. The audience then retired and continued the discussion, while enjoying excellent food and wine generously provided by King, Wood and Malleison.

**Court Assistant David Lewis**



# Affiliates' Luncheon and Prizegiving

In an interesting venture, a separate luncheon was given for the Prizegiving Ceremony which has previously been held at the Election Lunch.

Held in the lovely surroundings of Trinity House, it very closely followed the Ladies Dinner and, possibly for that reason, attendance was a little disappointing.

Senior Warden John Ingham welcomed our guests from the City University and our affiliations and then introduced our principal guest; Admiral of the Fleet the Lord Boyce KG GCB OBE DL. Following a first rate lunch, Junior Warden Janet Harrison introduced the Prizegiving Ceremony splendidly and ran it very smoothly. As she announced the individual winners and read out their citations, they each approached Lord Boyce and were presented with their awards by him, Past Master Michael Husband, Chairman of the charitable trust, and the Master. Lord Boyce then responded to the toast to the guests. Finally, the Master congratulated all the prizewinners and thanked all present. He stressed how seriously we take our affiliations and particularly thanked the trustees of the charitable trust for their support of the university and affiliations.

**Past Master John Bainbridge**



Beadle Colin Smith briefing the Master



Principal Guest Lord Boyce

Photos: Michael O Sullivan Photography

# Our Prizewinners

## The City University Fuellers Prize

The Charles Stephenson Clarke Prize was awarded to Miss Rachel Ashley.

Rachel's dissertation will be on Realising the Potential of the Demand Side Response in the UK Energy Mix, with a priority towards domestic customer incentives.

The Fuellers Prize will enable her to meet with various stakeholders (both in London and Glasgow) to gain an insight into the existing landscape and develop future Demand Side Response domestic customer incentives. Following completion of this, she will seek to gain research funding in order to complete a Demand Side Response consumer incentives trial (covering sites in Scotland and London).

Rachel beat off stiff competition to win the Fuellers prize. She is a brilliant student with a bright future and we look forward to seeing more of her in the Fuellers as her career progresses.

## HMS Sultan

The Daedalus Trophy was awarded to Warrant Officer first class Air Engineering Technician, David Lloyd, the Senior Warrant Officer in the Royal Naval Air Engineering and Survival Equipment School.

He understands that personnel management is not simply a numbers game; the welfare support to his staff and the duty of care of his trainees is central to all his efforts. His dedication to individuals that have needed help has, without a doubt, provided life changing support.

Lloyd is a dedicated fundraiser for the Royal Navy & Royal Marine Charities (RNRMC) and the Blind Veterans' Association. His most recent achievements include cycling the 'Road to Twickers' and running the 100 kilometers from London to Brighton.

Even more remarkable, is the effort he puts in each year to organise the Blind Veterans' Summer Camp in HMS Sultan. The event under his leadership has been a resounding success and a credit to HMS Sultan and the Royal Navy. His dedication to the Fleet Air Arm and more importantly people, whether serving or retired, is recognised with this Worshipful Company of Fuellers Award.



Miss Rachel Ashley receiving the Charles Stephenson Clarke Prize



Warrant Officer David Lloyd received the Daedalus Trophy and a Fuellers' medal



Mrs Tina Gleaves and Miss Theresa Rooke jointly received the DSFA prize.

Photos: Michael O Sullivan Photography



## Defence Strategic Fuels Authority

The DSFA prize was awarded to Mrs Tina Gleaves and Miss Theresa Rooke.

The Defence Strategic Fuels Authority is working hard to recover Defence Fuels coherence following the disbandment of the former Defence Fuels Group in 2011. A key element of this recovery has been the re-emphasis on delivering a Defence Fuels Technical Authority capability. At the heart of this work have been two of only three fuels technical specialists in the MOD, they are Theresa Rooke and Tina Gleaves. Both have been involved in Defence Fuels for nearly two decades but over the last nine months have delivered a step change in the level of technical service provided to the Defence community, and have been at the forefront of the MOD's efforts to re-engage with NATO and our partner nations to ensure a common approach to the development and application of fuels standards and specifications in the military aviation and naval fuels domains. Their combined efforts, with limited resources at their disposal, have enabled operational outputs, enhanced the MOD's reputation and placed the Defence Fuels Technical Authority on a sustainable footing for the future. Accordingly, Theresa Rooke and Tina Gleaves are jointly nominated for the Worshipful Company of Fuellers Prize for 2015.

## 152 (North Irish) Regiment Royal Logistic Corps

The prize was awarded to Warrant Officer Class 2, Stephen Preston.

Over the past 12 months 152 (North Irish) Regiment RLC has been re-roled as the Army's only Fuel Support Regiment. It will have reserve soldiers at readiness for deployments in support of UK operations worldwide. To meet this task, Warrant Officer Class 2, Preston has been responsible for developing and resourcing the training requirement.

Through his determined and committed approach Warrant Officer Class 2, Preston has developed his own professional knowledge of the fuel environment, planned appropriate training for the unit and built an effective network of support. It is a testament to his ability and selfless commitment that he has ensured that the unit met its initial operating capability and continues to grow its competencies in this new arena.

Warrant Officer Class 2 Preston is a soldier of characteristic energy and drive. He is highly regarded for his professionalism and personal credibility and has integrity beyond reproach.



Warrant officer Stephen Preston was the first recipient of the 152 (North Irish) Regiment prize



Hon Liveryman Commodore Bob Dorey RFA received the Husband RFA Rose Bowl on behalf of CPO Alan Kubala



Flt Lt Mark Ashton RAF received the Fuellers Salver

Photos: Michael O Sullivan Photography

## RFA Wave Knight and RFA Wave Ruler

The Fuellers Rose Bowl was awarded to Chief Petty Officer (Deck) Alan Kubala.

CPO (Deck) Alan Kubala has been the Bosun in both of the WAVE class tankers. This year he has been the foundation upon which the Deck department in RFA Wave Ruler is built, during her exceptionally busy Arabian Gulf deployment. He is a very experienced seaman with an abundance of common sense and a management style that always delivers results.

During fuelling evolutions, Kubala's experience and seaman's eye have been essential during the high importance Replenishment at Sea programme, where multinational procedures, high temperatures and fatigue are ever present hazards. Operating with a range of nationalities requires innovation and high communication skills which Kubala possesses in abundance.

Few can surpass Kubala as a seaman and he is dedicated to ensuring 'Fuellers' in the future RFA have the correct tools in to maintain their reputation. Kubala sets the standard as instructor and mentor to the ships company, briefing senior officers, mentoring junior officers, teaching his team.

CPO Kubala retains the drive and enthusiasm and the energy that always made him stand out. His professionalism, leadership, determination and above all, sense of humour, ensure that any task is delivered to

a high standard and he is an outstanding choice for this year's Fueller's Award for Excellence and the RFA Fueller's Rose Bowl.

## 10 Squadron the Royal Air Force

The Fuellers Salver was awarded to Flight Lieutenant Mark Ashton, Royal Air Force.

Flt Lt Ashton is an exemplary Officer and leader within 10 Sqn. Despite being phenomenally busy and utterly committed to the unrelenting operations in support of the Afghanistan airbridge with Voyager, he independently instigated a huge amount of work to reach out and include the families of 10 Sqn servicemen in a series of beautifully organised and crucially important events which were designed to support those with deployed partners. These events have been received with universal praise from the bottom to the top of the 10 Sqn rank structure. The squadron are genuinely nothing without the support of their families – they simply cannot do their jobs without them. To have the families included and looked after in the way that Mark has, has made the job of the OC immeasurably simpler. To care for those that care for them is at the very heart of what 10 Sqn should be about. Flt Lt Ashton has also been pivotal to the crucial centenary celebrations which were kicked off with an excellent royal parade in January this year – the success of which can largely be attributed to Flt Lt Ashton.

# 18 Years Ago in The Fueller

While published in February 1998, issue no. 9 of The Fueller recorded the installation of Colin MacLeod at Barber Surgeons' Hall in October 1987, when the new Master received on behalf of the Company the McGechan candlesticks pictured in issue no. 47 of The Fueller, December 2014.

Issue no.9 dealt largely with Past Master Edward Wilkinson's year, in particular a visit to the Gravelines power station which was preceded the previous evening in true Fuellers' style by a Company Dinner at Hotel Le George V in Calais. At that time, 73% of French electricity was being generated by nuclear and much of the output from the six 900MW sets at Gravelines was supplied to the UK. Not surprisingly for Fuellers, the morning visit was followed by "an extended lunch of exceptional quality" at Le Turbot, a restaurant gastronomique in nearby Rue de Dunkerque. The group from Gravelines then rejoined those of the party who had chosen to spend the day shopping and lunching in Calais. This sounds like an expedition to be repeated.

John Bainbridge





# Thames Cruise

## 9th September 2015

Under strict instructions from the Clerk that shore leave would end at 5.45pm, the group of 54 Fuellers and their guests had met at Westminster pier on a sunny afternoon to set off on the M.V. Salient. Everyone was in high spirits, as we gathered to celebrate Queen Elizabeth II's achievement that day, as the longest reigning British monarch.

We were greeted on board with a glass of champagne and headed west towards Vauxhall, where the low tide meant we caught sight of Jason deCaires Taylor's "four horsemen of the apocalypse" on the Thames shore. His sculptural statement on fossil fuel effects to climate change, perhaps a fitting start to a Fuellers' event. It was wonderful to see so many people on the shore during low tide, as the continued clean up and development of our river encourages more people to use this artery within our City.

We then turned and headed east, whilst enjoying the Shindig jazz trio in full swing, with many of our party deciding to dance their way along the Thames. Heading towards Docklands, we settled into a wonderful buffet dinner on the lower deck. As we drank and ate, we were delighted to see the Emirates cable car, the O2 arena and Docklands redevelopments, to name but a few of the sights. As the sun began to set we reached the imposing Thames barrier.

Turning back towards Westminster, we all assembled on the upper deck and, fully charged with champagne, we raised a glass to Her Majesty and sang the national anthem, with the accompaniment provided by the jazz cello.

The party continued with the lively jazz entertaining us all the way to Westminster pier, where Salient docked at 10pm and we disembarked.

Court Assistant David Lewis



Clearly a good evening for a cruise



Court Assistant Shравan Joshi and Liveryman Ashutosh Shastri replenishing



Hon Court Assistant Roger and Mrs Maureen Cloke with their guest Mrs Joan Faithfull at left



Court Assistant Iain and Mrs Helen Poole, Past Master Paul and Freeman Mrs Clare Cuttill and Dr Kenneth and Mrs Pamela Andrew



Our photographer takes a well-earned break.

Photos: Michael O'Sullivan Photography

## In brief

### Fuellers visit to the Houses of Parliament



The party on the terrace

Our Illustrious Host, Lord "Jack" Cunningham welcomed our team of 20 Fuellers and provided us with an "insiders" tour of both houses.

Who knew there was a bag behind The Honourable Speaker's chair for questions and that gives rise to the term "It's in the Bag"?

We had the opportunity to view a copy of Magna Carta on 15th June 2015, 800 years to the day after its signing.

We saw "The bar" at the entrance to the debating chamber to which naughty boys "are called" (most recently newspaper editors.....take care John).

We got to lean on the dispatch boxes (A gift from the New Zealand government following the war damage to Parliament).

Court Assistant Bill Fortescue



Congratulations to Yeoman Tim Woods and Miss Jess Marshall who became engaged in May

Photo: Michael O'Sullivan Photography



## In brief (cont...)



Court Assistant Michael Shirley.

At this year's national elections, Court Assistant Michael Shirley was voted on to the Board of Trustees of the National Association of Decorative and Fine Arts Societies (NADFAS).

NADFAS has over 90,000 members in the UK and Mainland Europe with further societies in New Zealand and a sister organisation in Australia. Michael joins the Board at an interesting time as NADFAS will be celebrating its Golden Jubilee in 2018.

### Howard Pountney

We were saddened to learn of the death on November 13th 2014 of Howard Pountney. Howard was admitted as a Freeman at the Election Court on 14th April 1999 having been introduced to the Company jointly by late Liveryman John Martins and our late Clerk Henry Squire. His interests were listed as Lawn Tennis and Masonry.

Howard became 'Free of The City' on 25th October 1999 and was enrobed as a Liveryman at our Installation Court on 10th October 2000.



The Apprentice. Yeoman Richard Woods is in the back row, fourth from left.

## From Yeoman to Apprentice

The Apprentice is back this October with more scathing one-liners from Lord Sugar and grandiose claims from the candidates. But this year will feel a bit different from others, as Yeoman Fueller Richard Woods will be one of the 18 candidates competing to be Lord Sugar's business partner and receive the £250,000 investment.

It is incredibly exciting to see one of our own competing for such a sought after prize for budding entrepreneurs. This year has been described as 'the toughest yet' with the new advisor to Lord Sugar, interviewer from hell Claude Littner, joining the board room team and Baroness Karen Brady returning. It would seem that Richard will have his work cut out just to stay in the process.

The sister show is also back - The Apprentice: You're Fired - but this year Jack Dee will fill Dara Ó Briain's shoes, let's hope Richard does not meet Jack too quickly.

I am sure Richard will make the Fueller's proud and if you would like to follow his plight, then every Wednesday the show will be aired for the rest of the year with the first episode on October 14th.

**Past Master Dennis Woods**