

THE Fueller

The official journal of The Worshipful Company of Fuellers

Issue 65 June 2022



Election Court

The Master celebrates with the Senior and Junior Wardens

Climate Change

Fuellers have an important role to play

Fusion and Hydrogen

A way forward for today's oil industry



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Editor's note

Lynn Postle FICME, Editor

When our Master stood up to address the Company and guests at the Election Court Luncheon at Mansion House on 13 April, she reminded us of the freedoms that we have today. It was a sober thought amid the economic and social challenges that she also referenced. It is easy to forget such disquiets when ensconced in the splendour and grandeur of the locale which we were fortunate to be dining in. I found myself surrounded by welcoming smiles from dear friends and the enthusiasm and excitement from new faces. "It's so good to be able to enjoy this sense of purpose," one fellow guest said. What wisdom.

Indeed, 'purpose' was also noted by Principal Guest Alderman Sir Andrew Parmley, Representative Lord Mayor. Purpose is a noun that is oft forgotten in these modern times, where ambition, achievement, and entitlement are all so apparent in many walks of life, but purpose – that is something to delight in. When I was working with our contributors in preparing this issue of *The Fueller*, I was struck by the great amount of purpose that exists within the Company's activities. Education, future energy solutions, respect for tradition, honouring the past and embracing the present and the future, serving society, and offering a sense of belonging – this is what I recognise in Fuellers.

Our Master is particularly eager to highlight the importance of 'nurture' and I can very much see how this goes hand in hand with 'purpose'. My fellow guest in April understood that he was a part of an event organised by an organisation with purpose and, as I left to catch the train home, I was enthused that our way of life facilitated this.

I am enjoying working with the Master, Past Master Deputy Shraavan Joshi MBE CC, the Clerk, and the Communications Group to highlight some of the work that Fuellers are undertaking. I am also mindful that this is your publication and would welcome any suggestions for articles or contributions that Fuellers would like to make. I thank all our contributors for their insightful reports in this issue.

I look forward to meeting more Fuellers at coming events as the Company continues to serve Fuellers with enthusiasm and with purpose.



Join the conversation

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Message from the Master

Carrie Marsh, Master Fueller reflects on recent events



Carrie Marsh, Master Fueller

It has certainly been a challenging couple of months in the fuel industry, particularly on the downstream end of heating oil and LPG. The price of heating oil shot up so high that we had to add another digit to the price display, while keeping an eye on our security with protesters gluing themselves to everything from loading facilities to cooking oil tankers. But however strange our world seems, at least we have safety and security for which we are truly blessed.

I recently reflected on being halfway through my year when at the Mansion House for Election Court. You may recall that my theme for the year is 'Nurture', and, through several ways, I have been trying to do just that. The recent creation of the Affiliates Liaison, held by

my Consort Dave, has seen us interact more personally with our Affiliates. We have been getting to know them better and what they are up to. Likewise, they are keen to learn more about us. With future Affiliate visits panning out, watch this space.

I have also applied my theme to our Charitable Trust Fund around which I have made central to this year's Summer Court Dinner. While supporting the amazing work at Platanos College they also support other STEM groups such as TeenTech, Generating Genius and the Smallpeice Trust. Not forgetting the Arkwright Scholars that they sponsor and of course the Affiliates Annual Prize Giving to name a few. Read more about our Charitable Trust Fund on page 19.

In October I became an Honorary Liveryman of the Worshipful Company of Carmen for the year, which is reciprocated annually to strengthen our relationship. This month saw a joint industry trip as the Fuellers and Carmen came together to visit a tanker making factory near Barnsley and socialise over lunch, making new acquaintances. I personally believe we can achieve so much more if we share each other's common goals from shared experiences to helping each other's charitable works. As I type, the squares I crocheted are being made into a blanket for the Framework Knitters 'Knit a Square' appeal to make covers

for those in need. And although Covid saw me miss repaying the Security Professionals assistance at the Pancake Races, a small team from both our Companies helped them to win at the quiz night ... albeit the wooden spoon. Sometimes it's more fun coming last. Less pleasure and you get the fun prize!

Having looked outwards across the Livery and the City and next door to the Charitable Trust Fund, I am now concentrating on looking inwards and hoping to nurture the next budding volunteers who are ready to get their sleeves rolled up and continue their journey within the Company. Whether it is joining a committee or group, venturing to a Master's Weekend for the first time, or even aiming to get more involved with the City and strive to go through the Chair one day, observing the election of the Lord Mayor, driving your sheep over London Bridge, or wondering what you can do for the Charitable Trust Fund, there is something for you to get more involved in, and people to help you achieve it. So, turn the pages, read on, and as you may remember from our Ceremonial Court: *"This Company reflects life in many ways – what you get out of it depends on what you are prepared to put in. You will discover there are many ways you can become more involved with and serve the Company. It is hoped that you will enjoy your life as a Fueller"*.

Election Court Luncheon

13 April 2022
Mansion House



Editor – The Fueller, Lynn Postle FICME

One sunny Wednesday 13 April, the Company attended this year's Election Court Luncheon in the exquisite surroundings of the Egyptian Room of Mansion House. A pre-luncheon reception was fitting for such a celebration to mark both the election of new Liverymen to "nurture their journey" as per the remit of our Master, and the election of our Officers, along with taking the opportunity to continue the time-honoured tradition of collaboration and connection with other Livery companies.

The sentiment of Grace was “warmth and love”, something that all those gathered in the room could relate to. For here we were, sat together, conversing with dear friends and new acquaintances, who were eager to see how the Company works and understand the very special bonds amongst those in the room.

As Senior Warden Mr Peter Harrison stood for “the proud task” of welcoming our guests, the chatter died down and all thoughts turned to the ‘pinch me’ moment of recognising how lucky we are. Echoing the sentiment of all those present, our Senior Warden thanked the Lord Mayor for the invitation to such a “fantastic and unique setting;” Mansion House living up to all expectations for those who had not dined there before and for those of us keen to return to such a splendid venue.

Our Senior Warden drew our attention to the fact that amongst those attending there were four visiting Masters/Prime Wardens: Master Carman, Mr Nick Laister; Master Security Professional, Mr Stephen Emmins; Prime Warden Shipwrights, Mr Richard Close-Smith TD; Master Framework Knitter Mr Tony Jarvis, accompanied by their loyal consorts.

He made mention of the fact that the luncheon marked “the last outing” in an official capacity for Prime Warden Shipwrights, Mr Richard Close-Smith TD, who was set to hand over the reins to his successor later that day.



Mr Bill Fortescue, Liveryman and Court Assistant; Past Deputy Master Shравan Joshi MBE CC; Mrs Sandra Fortescue.

He then went on to speak of the Fuellers’ strong relationship with the Worshipful Company of Carmen and at the ways in which we are looking to strengthen this bond. Indeed, The Master Carman, Nick Laister has been enrobed as an Honorary Liveryman of the Fuellers.

Our former Clerk, Honorary Liveryman Commodore Bill Walworth CBE also received a much deserved “shout out” from our Senior Warden, reminding those present of Bill’s invaluable contribution to Fuellers, past and present.



The Master addresses the Fuellers and guests in the Egyptian Hall of Mansion House.

On welcoming Fuellers and their guests to the magnificent Mansion House, the Principal Guest, Representative Lord Mayor, Alderman Sir Andrew Parmley, thanked the Fuellers for such “lavish hospitality” and he encouraged all Liverymen to “play a part in the City”. In a speech full of warmth and humour he remembered his time in residence at Mansion House as Lord Mayor: “So many memories,” he recounted, “and so many invoices.” Once again, we were laughing out loud with our friends and our colleagues. In a more serious tone, he spoke about purpose. “We must make sure we invest in people and support them throughout their career,” he warned. “We should have purpose and purpose-driven businesses with social responsibility and the ability to reflect our society.”

In expressing gratitude to the Fuellers for our donation to the Lord Mayor’s Appeal, Alderman Sir Andrew Parmley presented a set of coasters to our Master for the Company and to our esteemed Clerk a spoon “to stir things up”.

The time had come for our Master Mrs Carrie Marsh to respond on behalf of Fuellers and as ever, in her inimitable style, she took us on a journey full of fun and heartfelt sentiment as she reflected on the halfway point in her year as Master. “We have had our fair share of economic challenges from Covid, to driver and fuel shortages, active environmentalists, I could go on,” she said. “And of course, Ukraine. Ever in the forefront of our thoughts. We go home to our families and our comfortable homes. The innocents caught up on both sides. They are in our thoughts as we appreciate the freedoms that we have here today.”

Informing those present of the official proceedings from earlier in the day she explained: “Election Court, held earlier today, is when we elect our officers for the ensuing year, and I have the pleasure to confirm that our Master Elect is Peter Harrison, who will be supported by Senior Warden Elect James Cripps and will be joined by Junior Warden Elect Elena Odderstone. On behalf of myself and the Company, I wish you and your Consorts good fortune and happiness for your year ahead.

“Also re-elected today were David Port as Honorary Treasurer, Colin David as Honorary Archivist and Past Master Jan Harrison was re-elected as our Honorary Almoner. Jan’s role has been particularly busy this last couple of years and is one that has been very much appreciated by our various members, particularly in periods of isolation. I would like to offer our sincere thanks, particularly as Jan adds Master’s Consort to her role from October!”

A round of applause signalled the gratitude of those present to all those who are busy on Court helping to shape our Company.

The Beadle and the Mansion House team were also thanked for ensuring a smooth-running event.

It was then time to look to the future and welcome the two new Liverymen enrobed earlier in the day – Mr Gavin Towers, and Dr Richard Oblath. “As you continue your journey within the Fuellers, I would like to offer you my personal congratulations,” our Master said as the Company joined together to applaud them.

She spoke of her newfound “love” of London and all that the City has to offer and of how everything was “still an adventure...with so much more to discover.”

She recounted how she came to be stood before us on this glorious spring day. “I wasn’t sure the Company was ready for this truck driving Master from the country, back in October! Some moments have admittedly been more successful than others! If you have read my blog, you may recall my foray into cloakroom attendant by case of mistaken identity at one dinner, or accidental promotion to Clerk upon entering the room at another. I have survived that awful embarrassment of leaving my overnight bag in the back of the car at Basingstoke Station before a smart function the following day and been so intent on getting everything else right that I completely forgot to write a speech... following the recently retired Murray Craig of all people. No pressure!

“But somehow, with a fair sprinkling of magic dust and some ‘jazz hands’, I have managed to keep going and indeed there have been many achievements.”

She spoke of her enjoyment at being more involved in the Pan Livery and particularly the No Going Back charity work, and her pleasure at the reaction when people hear that she drives an oil tanker, noting with a wry smile: “particularly when I am stood in an evening gown!”

However, she enthused that making new friends, both within and outside of the Company was the real prize. “It seems to me that we can learn from each other and by interacting more, help each other too. I look forward to many more friendships and opportunities to share with and learn from other Companies in the near future.”



LEFT: Past Master – Mr Paul Cuttill OBE with Past Master and Chairman of Trustees, Charitable Trust Fund Chloë Andrews-Jones. RIGHT: Newly robed Liveryman Mr Gavin Towers, with Court Assistant Mr Ashutosh Shastri and new Court Assistant Mr Colin David.



LEFT: Mr Ramanath Gheerawo and Ms Amy Hopper. RIGHT: Miss Liliana Oderstone. RIGHT: Election Court lunch.

With all the work involved in serving as Master, it is fitting that many people help to smooth the process and the Master thanked Past Master Chloë Andrews-Jones and Honorary Court Assistant Roger Cloke for their help in organising some of the Fuellers packed programme of events, along with our Clerk Mr Alex Maclean Bather and his team. “It seems little can ruffle our Clerk, a chivalrous chap; I am most fortunate,” she noted.

As the Master, her consort Mr Dave Marsh, and all the top table guests left the room to the customary slow clapping from attendees, it was time for everyone to linger just a little longer to soak up the magnificent surroundings of the Egyptian Hall at Mansion House. Having dined on beetroot and goats cheese terrine, honey glazed and Thai basil duck breast, and ricotta and blood orange cheesecake, plus all the usual accompaniments, it was time to entertain a brisk walk to the station for a snooze on the train on the way home. All in the knowledge that energy (excuse the pun) has returned to the City and to our rather fortunate way of life.



Mr Simon Dillsworth with his host Liveryman Mike Hogg.



Past Master – Edward Wilkinson CBE TD DL, Father of the Company, and Mrs Essex Close-Smith, Prime Warden Shipwright’s Consort.

Election Court



(l-r): Mrs Margaret Cripps; Junior Warden Mr James Cripps; The Master, Mrs Carrie Marsh; Alderman Sir Andrew Parmley, Representative Lord Mayor; Senior Warden Mr Peter Harrison; Past Master Mrs Jan Harrison, Honorary Court; Mr Dave Marsh, Liveryman and The Master's Consort.

The Master announced that the following had been elected as Officers of the Company for the ensuing year:

- To be Master, Mr Peter Harrison.
- To be Senior Warden, Mr James Cripps.
- To be Junior Warden, Mrs Elena Oderstone.

The Master announced that the following Liverymen had been elected to serve as Court Assistants for the ensuing year: Liveryman Andrew Turner, Liveryman Martin Hewitt, Liveryman Laurence Holder.

The Master announced that the following had been re-elected to serve for the ensuing year:

- Honorary Treasurer, Past Master David Port.
- Honorary Archivist, Court Assistant Colin David.
- Honorary Almoner, Past Master Jan Harrison.
- Beadle, Lieutenant Colonel Mervyn Bassett BEM.
- Honorary Chaplain, The Reverend Nick Mottershead FCA.



LEFT: The Master, Mrs Carrie Marsh with Mr James Cripps, Junior Warden; New Liveryman Mr Gavin Towers and Dr Richard Oblath; Mr Peter Harrison, Senior Warden. RIGHT: Mrs Alison Emmins, Master Security Professional's Consort; Mr Stephen Emmins, Master Security Professional; with The Master Mrs Carrie Marsh and her Consort, Liveryman Dave Marsh.



LEFT: Newly enrobed Liveryman Mr Gavin Towers with The Master, Mrs Carrie Marsh. RIGHT: Mr Nick Laister, Master Carman & Honorary Liveryman with The Master, Mrs Carrie Marsh.



LEFT: Newly enrobed Liveryman Dr Richard Oblath with The Master, Mrs Carrie Marsh. RIGHT: The Master, Mrs Carrie Marsh with Alderman Sir Andrew Parmley, Representative Lord Mayor.

Ceremonial Court

- The Master Carman, Mr Nicholas Kenneth Laister, was enrobed as an Honorary Liveryman.
- Freemen Dr Richard Michael Oblath PhD and Gavin Nash Towers were enrobed in the Livery.

Industry insights

‘navia aut caput’

Honorary Court Assistant Jim Bellow considers the opportunities available to Fuellers in a world where solving the climate change conundrum will shape any future strategy.

Jim Bellow, Honorary Court Assistant

In ancient Rome, flipping a coin ‘navia aut caput’ was seen as a game of chance, translated as ‘heads or ships’ because of the two-headed god design and the ship’s prow that appeared on early coinage. This was used to settle a dispute, make a decision, or end a rivalry. In later times, (1780) the game was used to decide the name of our most famous horse race when Edward Smith-Stanley, 12th Earl of Derby, bestowed his title on the ‘Derby’.

While the Fuellers remit is energy, we are all aware that the flip side of this coin is climate change. This critical relationship is the foundation of the Company’s strategy as we move forward into the uncharted waters

of a zero-carbon world. This unprecedented challenge presents the Fuellers with exciting opportunities, being at the heart of the solutions that will define the future of our planet. Indeed, contrary to the ethos of most ancient guilds, the Fuellers Company, can foresee exciting opportunities for growth and development within its Guild definition, comparable to its mediaeval heyday, albeit with a modified purpose!

For sure, fixing prices, setting standards, and arranging monopolies will be off

the agenda. But providing a neutral forum, offering objective assessment, and facilitating networking opportunities in a world-in-turmoil could provide a new imperative. Honest brokers are few and far between but within the culture of the livery, integrity sits comfortably with expertise. Purpose is critical to this journey. The challenge contemporary Fuellers will need to address is: “what is the company for?” A precise, forensic answer to this question is needed to enable a strategy to evolve for future decades.

The distinctive remit the Fuellers enjoy became obvious as we considered a request for our contribution to the livery position at the Glasgow COP 26 exhibition. Clearly, our involvement in the journey towards a carbon free environment is central compared to the marginal or

peripheral involvement of the 109 other livery companies. Accepting that a large majority of fuellers are focused on internal UK energy matters, my question during a court webinar regarding a possible contribution from our few maritime liverymen resulted, customarily, in me getting the job! Only I knew how formidable this task was, particularly given the constraint of two A4 pages (about 1,000 words). However, with the help of my maritime colleagues, the submission essentially distilled a vast array of progressing energy applications to merely a qualified descriptive list.

As we race to reverse climate damage, the challenge of replacing hydrocarbons, developing sustainable alternative energy sources, technologies and delivery systems falls into our Fuellers bailiwick. Apart from the known, there are solutions yet to be created, materials and techniques still to be developed and sectors we've yet to consider, such as insulation. And that's before we look beyond the horizon. The maritime industry contributes around three and a half percent of global warming (equivalent to the sixth largest nation), and since the time of Henry VIII nautical affairs were considered a vital element of our nationhood. Admittedly, certain politicians in recent times forgot we were an island, however domestic myopia does not change reality, especially for a nation dependent upon trade. To gain a perspective on this I strongly recommend that you give a listen to 'The Spark' a 30-minute Radio 4 interview of strategic guru Mark Williams by Helen Lewis, (follow this link: <https://www.bbc.co.uk/sounds/play/m001286x>). This excellent exchange on future trade issues captures

the essence of the 'hidden' maritime challenge (and the Fuellers strategic opportunity).

Critical to the future of the Fuellers is an appreciation of its raison d'être and an understanding of its business model. Many of the ancient guilds of London are focused on philanthropy and networking, with legacy wealth sustaining their activities, we are not of that cadre. While those with legacy foundations can embrace tradition and indulge historic glories, modern guilds, or those whose craft has faded into obscurity are required to pay their way in the present and look to the future for survival. And tempus fugit also plays a significant role in this regard. In these changing times generational perspectives can play an increasing role in the fate, and fortune, of a livery company. Having left behind wood, said goodbye to coal, and redefined our mission from fuel to energy, we are again challenged to embrace the evolving zeitgeist. These transformational challenges require constant membership regeneration to remain progressive and stay relevant, not always a comfortable fit with the character of the livery.

With negligible assets, we are now comparable to an original Guild, albeit castrated by modern legal and compliance practices. Our challenge is to deliver for qualified members events, activities, access, and spaces for networking. Social standing and style are a given, tradition is the icing on the cake, but the sustenance will come from the Fuellers being the 21st Century equivalent of the coffee shop that gave birth to Lloyds insurance market. Climate change and its energy ramifications has gifted us a gilt-edged opportunity for a glorious future – as long as we wake up and smell the coffee! As with the birth of Lloyds, the Fuellers could be a clearinghouse of ideas, the venue for ventures and the catalyst for creating

innovation. It could and should also serve as a window for that exciting new world that we're going to have to create.

However, despite the flipside of energy being climate change, I suggest that in determining strategy and our vision for the future we use evidence, logic and rational debate and not the heads or tails methodology of our illustrious forebears.

From 'Carbone Robur Nostrum' to a greener planet.

Fusion and hydrogen – a way forward for today's oil industry

by Professor William J Nuttall, Professor of Energy, Open University



Report by Simon Parsons, Liveryman

A Fueller's Advantage Event jointly held with the Science Circle of the National Liberal Club, 22nd March 2022 – National Liberal Club

Professor Nuttall has for many years been an advocate for private investment into nuclear fusion energy. He sees the international oil companies (IOCs) as candidates to further develop nuclear fusion. The IOCs require changed direction in response to climate change and as easily accessible oil resources ('easy oil') becomes scarcer, their markets will thus become more challenging. The national oil companies (NOCs) have plentiful access to easy oil and IOCs will increasingly need a new way forward.

Professor Nuttall sees demand for oil decreasing and so the price will also gradually trend downwards as demand drops. This drop in price greatly favours the NOCs as low-cost producers. IOCs will need to move away from upstream developments and focus on selling low carbon molecules in retail markets, which will be a bigger market trend than electrification of heat and transport.

IOCs have competitive advantages in science and technology over the NOCs and must use these advantages to promote hydrogen as the future for the transformative oil industry. In particular, this would utilise its existing distribution and retail infrastructures. Initially, hydrogen will come from natural gas with carbon capture and thereafter from fusion boosted clean hydrogen. It's worth noting that hydrogen has many advantages and can meet the peaks and troughs of

electricity demand volatility. In addition, it has substantial long-term seasonal storage capability, far greater than pumped hydro, compressed air, and battery storage. Hydrogen will also be in demand from hard to decarbonise sectors such as heavy industry and transport which may pay a premium for low carbon hydrogen.

Fusion is attracting private investors around the world who now see nuclear fusion as a clean, cheap power. The UK has a fusion cluster at Culham where several international fusion companies have development plans. Professor Nuttall highlighted a parallel with the private space industry where private businesses have entered the market which was once the domain of government organisations such as NASA.

Fusion has been seen as an electrical source for the second half of the 21st Century and Professor Nuttall asserts that it will be extremely expensive to deploy and unreliable, unlike fission nuclear power. There are major engineering challenges to achieve baseload reliability. Fusion is a 'pulsed' technology and grid systems require baseload capability for large scale fusion projects to be funded.

Professor Nuttall projected that by 2050 the electricity in most OECD countries will be low carbon and affordable. As Professor Nuttall says, fusion will be unreliable and expensive to deploy, he argues that it will be unable to compete with wind and

solar and there will be industrial sectors more difficult to decarbonise. Fusion may have an advantage to produce neutrons for direct use as a heat source or clean hydrogen by thermochemical production – a 'Fusion Island'.

Hydrogen cryomagnetic on a fusion island of the year 2035 could produce liquid hydrogen and use it to cool the magnets and make the electricity required for the compressors and hydrogen liquefiers. The liquid hydrogen would then be exported by the 'oil company' to its international markets. As oil companies see the advantages of fusion, they would enable a ready market for the producers of the simple pulse tokamak units then being produced. The oil companies could enable fusion to happen!

In summary, Professor Nuttall explained that he sees many difficulties with fusion as a reliable and competitive electricity generator. He sees the pulsed nature of the fusion generator as a heat source for hydrogen generation and a way forward for the international oil companies to feed increasingly decarbonised economies in the OECD. As oil companies see the opportunity, they will increasingly enable funding to accelerate the deployment and economics of fusion and hydrogen!

Dedicating the new Memorial to 216 Squadron

The Master, Carrie Marsh, reflects on a memorable day out to honour a very special Affiliate

You may recall a little while ago that a request was circulated around the Company on behalf of 216 Squadron, one of our Affiliates for many years before disbanding. Their Association was collecting to raise funds to make and install a memorial to those who served and those who died in the line of duty. I am pleased to say that they reached their goal from both personal donations, including my own and some from individual Fuellers, along with a contribution from our Charitable Trust Fund. Thus, on 2 April 2022, the new memorial was to be officially unveiled.

My family and I arrived at the National Memorial Arboretum on a crisp morning with thick coats at the ready. We partook of refreshments in the Aspects building, a large yet cosy and peaceful function area. We then walked among those present to the area of the Arboretum where the memorial had been erected only the day before. One of the first to arrive, the quiet sight of the memorial, by sculptor Matthew Lane Sanderson MA AWG, took my breath away. An eagle grasping a water droplet within which is a bomb. The eagle representing the RAF, the water droplet representing provisions and supplies brought in by 216, and the bomb to signify their time as a bomber squadron.

The Squadron was formed in 1918 in France and originally operated O/400 Handley Page open cockpit bi-plane bombers. The inter war years saw them delivering mail and freight as well as route-proving and survey work throughout North and West Africa. In 1941, 216 Squadron



transported the SAS on their first ever operation SQUATTER and a few years later, in 1944, worked on detachment in Burma supporting Chindits where in three months the Squadron dropped more than 600 tons of supplies, carried 7,200 passengers, and evacuated 500 casualties. 216 Squadron was the first military jet squadron receiving the Comet C Mk2 in June 1956 and the C Mk4 February 1962. The Squadron reformed on 1 November 1984, flying the Tristar aircraft as a result of the Falklands War. During the Tristar era, the Squadron was awarded Battle

Honours for 'Gulf 1991', 'Kosovo 1999', Afghanistan 2001-14', 'Iraq 2003-11' and 'Libya 2011'. The Squadron was disbanded on 31 March 2014, before being reformed on 1 April 2020 as a swarming drone experimental Squadron.

On this crisp April morning, many were present both from 216 Squadron from days gone by and friends and supporters, as they formed a semicircle around the memorial for the short service of dedication. The Padre welcomed us and, after we had sung a rather moving

'I Vow to Thee My Country' with accompaniment, spoke about the Squadron, in particular noting that the day marked the anniversary when a 216 Squadron crew had died many years ago. There followed a reflection by Air Vice-Marshal Paul Atherton OBE, who had been our Affiliates link with the Fuellers. He explained that a time capsule containing all the names of donors, including our family name and the Fuellers, were within the capsule that was being inserted into the base of the memorial and sealed by an inscribed plate, resting there for perpetuity. We then stood for the last post and a minute's silence. Finally, the Padre gave a blessing before the departure.

We lingered while photographs were taken to record the day, including being invited into a photograph with Paul Atherton as The Fuellers, before taking a short walk through the nearby RAF Memorials and returning to the Aspects Buildings for refreshments. We had been invited to join in the evening dinner but were only able to join for the day. Ahead of the evening meal, the Chairman of the 216 Association announced that the sculptor had also created a smaller version of the memorial, but no less impressive, about a foot high, which was going to be auctioned at the evening dinner and those not able to stay were invited to submit sealed bids. Meanwhile, we had very interesting chats about the Squadron's current work, as a small group of eight or so personnel working with drones before reminiscing about Beer for the Boys which we personally supported having invited their representative to our WWII Revue, 'Don't Forget Your Gas Mask' through our local Am Dram where we had a collection each night for the cause.

So much to reflect on

After lunch, my family and I walked around the Arboretum and took in the many different memorials from each of the services and for many different conflicts and units. One that particularly struck me was the sight of sparkling gold poles through the trees, gleaming in the sun, looking rather out of place. As the path lead to the area, I realised that the poles were those that you would find on a carousel, depicting the corners of an area of remembrance. Up close, there was a beautifully painted and highly polished carousel horse next to the plinth, detailing the showmen who left fairs and circuses in the service of their country, from all over the country, and who did not return. Such a strikingly peaceful and innocent sight amongst so much neutral stone and so many silent trees. Nearby, the WWI Memorial 'Shot at Dawn' to commemorate the 306 British Army and Commonwealth soldiers executed after court-martials for desertion and other capital offences.

In contrast, rounding the final corner of the Polish Memorial before walking through the vast area of beautifully cut grass and striking daffodils, lined with memorials to the army, tank divisions and bomb clearance personnel back to where we started. A peaceful, beautiful, emotional place. I will carry the day with me for a very long time to come.

A special day for two Past Masters – MBEs for Doug and Shravan

Congratulations to Past Masters Doug Barrow and Shravan Joshi who were both awarded MBEs in the 2021 New Year Honours. They were invested on the same day at the start of May by HRH the Prince of Wales at Windsor Castle and went on to celebrate the occasion with their families.



Past Masters Shravan Joshi MBE and Doug Barrow MBE.



Past Master Shravan Joshi and his wife Mira and Past Master Doug Barrow and his fiancée Amanda.

Event highlights

A round up of Fuellers recent events

Visit to The Harrier Heritage Centre – RAF Wittering

Wednesday 20 April 2022

Andrew Turner, Liveryman

A group of ten Fuellers, including Past Master Dennis Woods and the current Master's Consort Dave Marsh, all arrived early and met in the car park of RAF Wittering on 20 April. Following registration and the issuing of car and personal passes to enter the base, we were met by our guide, who explained about the history of the base, which dates to 1916, and walked us around the display Harrier which has sat at the entrance for many years, passed by so many people driving up and down the A1. Little did those by passers realise the history of this aircraft. Known as 'Christine', she had seen her final action in Afghanistan, being damaged beyond economic repair by a mortar bomb, whilst on the ground.

We all then drove in convoy through the base to the hanger which houses the displays, sitting on the side of the runway where trainee pilots were being put through their paces in their Grob Tutor trainers.

In the hanger forming the Heritage Centre was an impressive display of four full harrier aircraft, from a prototype Harrier, a GR3, a twin seater T4 and a GR7A, with its uprated and more powerful engine. In addition, there was an impressive display of other aircraft cockpits, ejector seats, Rolls Royce Pegasus engines and some armaments.

Everyone squeezed themselves into the cockpits realising just how little room and visibility a pilot of these ground-breaking aircraft had. Our guide explained the history, that in post war aviation the holy grail was a vertical take-off capability, with every nation trying to achieve this design, but it was the UK that succeeded, with clever and innovative technology of diverting the jet exhausts through rotating

nozzles and diverting some through ducts into the wing tips and tail area for added stability. What is amazing is that the early aircraft were so fuel hungry that they had to refuel almost immediately after take-off as the demand for that manoeuvre was so high. The next generation of aircraft was a collaboration by the UK with the USA and France, improving the speed and load capabilities and of course a refuelling boom.

Of note is the general history of Wittering, being one of the first RAF bases and having been the home of the Harrier for over 42 years until the fleet was stood down in 2010, it was also the base for our nuclear deterrent bombers during the cold war with up to four aircraft sat, engines idling, just off the runway for an immediate deployment.

After nearly two hours, the Fuellers group had our team photograph taken and adjourned to the pub in Stamford for a well-earned lunch and to discuss the incredible history and technology that had been witnessed at RAF Wittering.



Past Master Mr Dennis Woods tries out the cockpit for size, watched by Liveryman Mr Patrick Helly, Liveryman Mr Stephen Lloyd and Stephen's guest.



Fuellers enjoy a day out at the Harrier Heritage Centre, RAF Wittering

AFSEA (Air Fuel and Sustainable Energy Association) Dining in Night, TSW MoD Stafford

31 March 2022

The 2021 Fuellers' Prize for our Military Affiliate Defence Strategic Fuels Authority was awarded to Flt Lt Greg Curtis for his work establishing AFSEA – the Air Fuel and Sustainable Energy Association, unifying that community to grow collective excellence.

As the Master and Consort were attending the Lord Mayor's Dinner to the Masters, Prime Wardens & Upper Bailiff at Mansion House, it fell on Past Master and Chairman of the Fuellers Charitable Trust Fund Chloe Andrews-Jones to represent both the Company and the Charitable Trust at the

inaugural Dining In night of AFSEA, which was held in the Officers' Mess at TSW, MoD Stafford.

AFSEA has been operating within MoD and the RAF for the last eighteen months, aiming to create a unified collective of contacts from the MoD and fuel related civilian organisations, an Affiliates Network which interacts on many fuel-related levels. AFSEA's objective is to create a cohesive fuel related collective of excellence to share knowledge, personnel, and other related matters. The Association already has close ties with Rolls Royce and the Energy Institute and is in touch with Shell and BP.

If traditionally sourced aviation fuel is part of AFSEA's present, the Association also looks at the future; how to replace those fuels throughout the RAF and MoD; exploring possibilities from hydrogen to nuclear and everything in between.

The AFSEA Leadership Team invited the Fuellers to attend by way of thanks for our strong support and in recognition of the bond between us as a result of Greg's prize. It was an excellent evening; opportunities to renew friendships and make new ones, all the time engaging in fascinating conversations on all matter's aviation fuels, their supply, their future and how AFSEA's network can work together for mutual gain, never forgetting that the future should be sustainable.



(l-r): Flt Lt Dom Preece, Flt Lt Craig De Jonghe, Flt Lt Greg Curtis, AVM Rich Hill, Gp Capt Jamie Miller, Flt Lt Dan Smith, Flt Lt Katie Littler.

Read the full coverage of our recent events at www.fuellers.co.uk/news

To catch up on all past events please visit fuellers.co.uk

Fuellers Activities



Fuellers in pioneering Livery Climate Action Group

Prof Averil Macdonald OBE, Past Master

The Fuellers Company is one of the 13 Founder Members of the Livery Climate Action Group (LCAG) – the brainchild of Honorary Liveryman Sheriff Alison Gowman.

LCAG was formed in 2021 to assist City of London Livery Companies and Guilds to manage their impact on climate change and the environment by reducing carbon emissions and making responsible use of resources. Fuellers Company has been at the forefront of LCAG activity throughout.

The formation of LCAG was inspired by the [City of London's Climate Action Strategy](#) which set goals for the City to have net zero emissions by 2040; for buildings, public spaces and infrastructure to be resilient to climate change; and for people in the City and beyond to benefit from a clean, green and safe environment.

LCAGs outputs will support these goals, which align with the [United Nations Sustainable Development Goals](#).

Launch in 2021

The formal launch on Monday 18 October 2021 saw almost 200 members of the City Livery Companies join an on-line event, hosted by Fueller Iain Beveridge on REMO, to showcase the LCAG website (liverycag.org.uk). The full event can be seen [here](#).

LCAG facilitates mutual self-help for Livery Companies and Guilds to grow their knowledge and expertise in the practical measures they can take towards a sustainable, adaptable, and resilient future. This will allow them in turn to influence and encourage their associated professions and trades in the City and beyond. The website [Home - Livery Climate Action Group \(liverycag.org.uk\)](http://Home - Livery Climate Action Group (liverycag.org.uk)) is a fount of information including:

- Briefing documents to guide Companies.
- What you can do now – answering 'thought provoking questions' to bust myths.
- Working with schools – showcasing what Companies are already doing.
- Blogs.
- News and events.

Seminars and Events

A series of seminars throughout the year has prompted Livery Companies to rethink their activities, and Fuellers Company is one of the pilot companies trialling the Carbon Footprint Calculator. Whether it's the environmental impact of the foods chosen for formal dinners, or the carbon footprint of travel to committee meetings, everything has an impact. Many members have already provided details of their typical travel from home to meetings and the Calculator will spotlight where we can reduce our collective carbon footprint.

Fuellers Company led a LCAG seminar on 28 February 2022 'Young Voices' where a number of Arkwright Scholars had recorded videos of their thoughts on climate issues. This was extremely well received with the intention of making this an annual event. You can watch it [here](#).

LCAG is running an in person event on Monday 4 July at Merchant Taylors Hall for anyone keen to engage.

Write a Blog or get involved

Individual Fuellers are invited to contribute to the LCAG website blog section. LCAG welcomes blogs from members of the Livery on any topic related to environmental and climate challenges. This may be linked to a Company's area of practice, influence, industry, professions, sector, or supply chain. Perhaps you have thoughts on:

- Decarbonising heating?
- Decarbonising transport?
- Minimising Company waste?
- ESG investments?
- Biodiversity and pollinating the City?
- Sustainable choices for food and beverages?
- Suggestions for education and outreach tools?
- The Circular Economy?
- ... or anything else you can think of!

The first few blogs have covered:

- How plastic is essential in reaching net zero [Plastics and Zero-Carbon - By Clive Thompson - Livery Climate Action Group \(liverycag.org.uk\)](#)
- The impact on the environment of cleaning [Sustainable Cleaning & the Circular Economy - By Gary Fage - Livery Climate Action Group \(liverycag.org.uk\)](#)
- What London can learn from Paris [What can London learn from Paris? - By Chris Williamson - Livery Climate Action Group \(liverycag.org.uk\)](#)

Blogs should be challenging and interesting and give a broader perspective than merely following "party lines" in the context of sustainability. They do not need to be long (for example, around 500 words) and are entirely the author's personal view with the aim to inform and to promote thought and debate. Blogs should be informative and expand the

knowledge of the reader. If you want to offer a blog or explore whether your blog is of interest, please contact info@liverycag.org.uk

What Next

Energy is a central element of climate and environmental impact. Fuellers' involvement with LCAG is pivotal to its success. The Fuellers are currently developing our own Climate Action Plan. If this is of interest, please get in touch with Past Master Prof Averil Macdonald OBE at averil.macdonald@fuellers.co.uk.

The Fuellers Charitable Trust Fund

Past Master Chloë Andrews-Jones,
Chairman of Trustees

Treasurer, Trustees and Advisers

The Charitable Trust now has a new Treasurer, required due to the previous officer holder, SW Peter Harrison, becoming Master Elect rather earlier than he expected.

The Trustees are extremely grateful to PM John Bainbridge for stepping back into the shoes he filled previously, which makes for a smooth handover given he set up the systems that Peter had been using. The change, approved at the Election Court, was implemented on 1 May. Welcome back John, and a sincere thank you to Peter for the considerable efforts you have undertaken for the Trust for the past few years. Peter will remain an Adviser to the Trust until September, and he will continue to attend Trust meetings as Master over the year ensuing.

Trustees and Advisers

Other changes came into effect at the Trust's Annual Meeting in December when two new Trustees were appointed: Mike Hogg and Bill Walworth CBE who greatly enjoyed his time spent on Trust business when Clerk. The Trustees also appointed three new Advisers, JW James Cripps, Martin Hewitt and Dickie Walsh. We look forward to their contributions over the coming years.

City University Prize

Representatives of both the Company and the Trust judged the projects nominated for the Charles Stephenson Clarke Prizes for 2020-2021. The two prize winners, who we hope will be able to attend the Affiliates Lunch, are:

- 1st – **Niko Von Horsten**: A technoeconomic analyses of low-grade heat energy recovery technologies for industrial processes including assessment of a novel low grade heat engine.
- 2nd – **Kevin McCann**: The barriers to uptake and market development prospects for electric vehicles- consumer perceptions, policy options and techno-economic considerations.

Other Partner Organisations

Earl of Wessex Conference

In the lead up to and during the Royal Year, the Trust continued to build relationships with existing partners and new; both [Generating Genius](#) and the [Smallpeice Trust](#) had representatives present at the November Conference, also attended by one of the Trust's Arkwright Scholars (Evan is mid A level at present). It's been good to put both our scholars in touch with industry experts over the past year; mentoring forms an important element of the scheme [Arkwright Scholarships](#). We mustn't forget several [Platanos College](#) students, who once more performed sterling efforts with the microphones for the Q&As and proudly displayed their school magazine on a stand.

Speaking of Conferences, the Trust's current year donation to Smallpeice is to support their "Bright Sparks – the Future of Green Energy" Conference that should take place in November. Aimed at A level students, it will focus on changes in the space since the previous conference in April 2021. It is expected that many Fuellers will participate – watch out for a call for volunteers soon!

Volunteers will also be needed for the Academic Lectures at Platanos College. The timing for these most useful sessions is a little out of kilter but it is intended that these will be online too, which should enable more Fuellers to participate as we introduce young people to the various career opportunities open to them in the energy industry.

I know the students at Platanos enjoyed a return to school as life gradually returns to normal. The school produced a Collective Anthology of works by the students "Life in Lockdown". Here's a sample:

L	Lost in my thoughts
O	Obstructed with boredom
C	Captured in my house
K	Knowledge of nothing
D	Doing nothing
O	Obeying the world of lockdown
W	Withstanding my boredom
N	Never to go outside

Future Projects

Despite a disappointing response to the inaugural Fuellers/SBZ #FutureEnergy and its applications Prize, both SBZ and the Trust remain committed to this scheme and will work over the coming months to launch it again in the Autumn Term. The Fuel Poverty Donation Scheme and the launch of the Legacy Campaign are also in hand – watch out for news on all of these over the coming months.

Trust Accounts for 2021

The Trust's Accounts for the year 2021, presented to Common Hall in April, can be found on the Fuellers website. This contains a list of donations made during the period.

From the Clerk

Alex Maclean Bather

Changing times



I can't believe it is now over a year since I became your Clerk – how time has flown, how times have changed. The Livery world is now back in full swing, and I reflected recently on the Master's call to me after her first fortnight enquiring why there was only a trickle of events for her to attend ... which has now been replaced by a veritable flood! When accompanying her to other companies there is nothing more satisfying than knowing at the start of the Toast to the Guests that our Master will have the most interesting biography, which always reflects extremely well on the Company!

Within the Company we have several Committee Chairs standing down at the end of their fixed terms with a couple of successors still to be nominated. We are also always looking for new members to serve as on our committees so if you would like to do more within and for the Company then please let either John Ingham, Chair of GPC or myself know.

On the Carmen Hall front you will be pleased to know that it has finally opened! GPC held the Company's first meeting there last month – we had a political delay to allow the Carmen to hold 'the' first meeting, and The Master and I have just attended their Masters & Clerks lunch which was their first such catered event

and a great success. For anyone visiting you will now be greeted by Liam their new Hall Manager/Beadle, who comes fresh from Ironmongers Hall, and the only word of caution is with regards to the lift, which is currently at the teenager stage – i.e.: slow and temperamental. Planning for the Woodmongers Dinner continues.

I hope to see many of you at the Annual Thanksgiving Service at St Olave's and the Affiliates Luncheon & Prize-giving at Trinity House on Monday 4 July, at the Ezra Lecture on Wednesday 14 September and at the Installation Dinner at Drapers Hall on Thursday 13 October. Please also look at the Calendar of Events for all future events.

Finally, I wish you all a very enjoyable summer!

Alex Maclean Bather – Clerk
Carmen Hall
186C Fleet Street
London
07521 992 653
clerk@fuellers.co.uk



Dates for your diary

June

Thursday 16 June

Affiliates Visit to 10 Squadron RAF

RAF Brize Norton

This is now fully booked so look out for future visits both to 10 Sqn and to our other affiliated military units

Saturday 18 June 2022

[Gallagher Premiership Final](#)

Twickenham

Friday 24 June

[Common Hall – Election of Sheriffs](#)

Guildhall

July

Monday 4 July

Thanksgiving Service

St Olave's, followed by

Affiliates Lunch and Prize-giving

Trinity House

September

Tuesday 6 September

Woodmongers Supper

Carmen Hall

Wednesday 14 September

Ezra Lecture

Thursday 29 September

Common Hall Election of Lord Mayor

Guildhall

October

Thursday 13 October

Installation Court and Dinner

Drapers Hall

Sunday 30 October

Fuellers Sunday

November

Friday 11 November

Silent Ceremony (installation of the Lord Mayor)

Guildhall

Saturday 12 November

Lord Mayor's Parade

Sunday 13 November

Remembrance Sunday

December

Monday 5 December

Carol Service

St Vedast Church, followed by

Christmas Supper

January

Wednesday 11 January 2023

New Year Court

Guildhall Club

April

Wednesday 19 April 2023

Election Court & Common Hall and Election Court Luncheon

Vintners Hall

June

Wednesday 14 June 2023

Midsummer Court & Dinner

HQS Wellington

July

Monday 17 July 2023

Thanksgiving Service

St Olave's, followed by

Affiliates Lunch and Prize-giving

Trinity House
