

# Remember, Remember the Fifth of November


On the very night that the Gunpowder Plot was foiled, November 5th, 1605, bonfires were set alight to celebrate the safety of the King. Since then, November 5th has become known as Bonfire Night. The event is commemorated every year with fireworks and burning effigies of Guy Fawkes on a bonfire. So where is your nearest event.....

Weymouth Beach ?  
Avon Valley Country Park?  
Battersea Park?  
Yeovil Lions Branch Club?  
Maesteg?




Join in with the fun and celebrations and .....don't forget your sparklers!






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## Additions to the Team

The group would like to give a warm welcome to the .. new additions to the team this month. I am sure you will all join me in wishing them well in their new roles and congratulate them on their successful applications. So, welcome:

- Louise Taylor**— Senior Finance Assistant at Ramp Surface Coatings
- Mat Keys** —Paint Shop Operative at Ramp Surface Coatings
- Christopher Hunter**—Paint Shop Operative at Ramp Surface Coatings
- Bryan Simpson**—Machinist at FGP Systems
- Justin Richards**—Machinist at FGP Systems
- Arthur Mordue**—Maintenance at FGP Systems and Ramp Surface Coatings



## CURRENT VACANCIES

**FGP Systems Site** —Weymouth, Dorset

### Manufacture Engineer

#### Summary of functions

To work within the engineering team engineering products of-fine.

**To apply please submit a application form to FGP's HR Department via:**

**Email:** hayley.bell@fgpltd.com or kerry.weaver@fgpltd.com

**or post:** HR Department, FGP Systems Ltd, 20-22 Cumberland Drive, Weymouth, Dorset, DT4 9TB.

## Tea break teaser solution

Cocktails - Solution		
Pos	Cocktail	Person
1	Nevada Knockout	Greg
2	Colorado Cliffhanger	Darlene
3	Kentucky Kick	Stella
4	Washington Whammy	Dan
5	Alabama Slammer	Carrie



# The Connector

Connecting CIM

## All Systems Go!

**Ryan Hope**, Quality Inspector at FGP Systems Ltd

It was 'All Systems Go' on the Sunday of August bank holiday as FGP's dragon boat team took to the waters at Weymouth Beach for the Annual Melcombe Regis Rotary Club Dragon Boats Race, After a year's break from the Event.

Fuelled by McDonald's breakfast and a Fish and Chip lunch (both washed down a few cans of lager and cider) the team picked up their paddles strapped on their life jackets and rowed to ..... to raise money for local charities supported by Melcombe Regis Rotary Club.

Competition was tough with the winning team for the last 9 years running Team Porridge back to defend their title along with a team made up of dragon boat instructors, local gyms and other groups that consisted of families and friends and local community groups all desperate to take home the winners shield.

All Systems Go where off to a good start after the first race coming second in lane 3 (the worst lane) and soon morale picked up and timings got faster pushing us though to qualify for the semi-finals.

Excitement and adrenaline was high going into the semi-final race and picking the favourite lane to race in (lane one) All Systems Go came in 3<sup>rd</sup> out 6<sup>th</sup> giving us a place in the final race.

After a short break the team took to the waters for the last time (again in lane1) up against favourites to win Team porridge and the team of dragon boat instructors. With most of the team at this point to tiered and merry to the team gave it all they had and finished last but only 2.6 seconds after the Team Porridge who

one again. However all was not lost as All Systems Go had won The Granby Shield that is presented to the winning team from the Granby Industrial Estate.

Speaking after the race Malcolm Ketchley Event Organiser (Melcombe Regis Rotary Club) said "It's Great to have FGP take part in this event" The team bring much Entertainment and help raise much needed cash for our Charities "We hope you will join us next year to defend the

iconic Granby Trophy". "We believe the event has raised somewhere in the region of just over £2000."

Team Captain Ryan Hope said " It's a fantastic event to take part in, The whole teams had a fantastic day and it great to

socialise and work with work colleges out of work"

Nigel Pitman MD of FGP Systems added "Congratulations Team All Systems and well done for bringing back the Granby trophy, great result"

Date for you dairy's Sunday 27<sup>th</sup> August 2017 FGP Systems challenges you

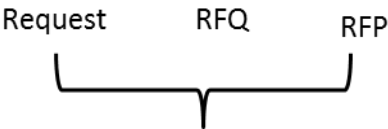
FGP Systems welcomes challenge from the other companies CIM for details email [Ryan.Hope@FGPltd.com](mailto:Ryan.Hope@FGPltd.com)





# Two New Machines One Happy Production Manager

Chris Eckersley, Production Manager of FGP Systems Ltd



From request to realisation in support of business and growth and technical enhancement **20 weeks** to realisation.

Pace of Change at FGP Systems. Introduction of the new Hedelius and Hermle offers technical capability, increased capacity and personal development to run along side the existing machines. This will allow turn key solution and zero set up for a variety of parts within the FGP Systems portfolio. My picture paints a thousand words with regards to my excitement, as FGP moves towards meeting customer production rates that call for

a totally different approach to the in-house traditional methods and replenishment systems operational today. The support and dedication demonstrated by Cyrus Investment is the enabler for FGP Systems to meet if not exceed customer expectations. The ability to respond and offer engineering solutions is proving a winner with both existing and potential new clients for FGP System.

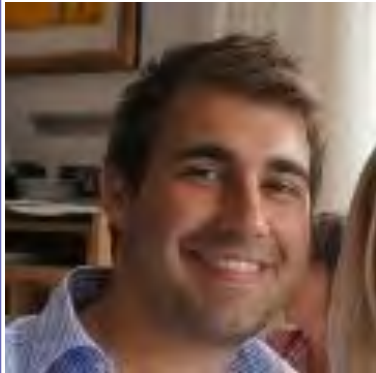
The two machines we have just taken delivery of will offer FGP up to 200 hours of additional machining capacity and thanks to Simon and his engineering team this will come with dramatically reduced set up times which will mitigate downtime and drive

productivity. The transition of appropriate product in these time scales has totally justified machine the selection made. It also offers direct comparison/ competition for future acquisitions as FGP Systems continues to grow.

I would like to personally thank the leadership team through there active support in meeting increased order book demands within the Weymouth facility and look forward to the receipt of the addition DMU 80 planned to go into our automation line in January 2017.

Yours Sincerely  
Chris Eckersley

## Secret Seven



**This Issue's Secret Seven Director is — Mark Watkins Managing Director of City Engineering**

Each month a different director is asked the same questions so you get to know a little bit more about them.

Mark was asked:

**Tea or Coffee**  
Tea

**Summer or Winter**  
Summer

**Android or Apple**  
Apple

**Favorite Film**  
Gladiator

**If you could be an animal what would it be and why?**  
Peregrine Falcon, being able to fly and reach speeds over 200mph sounds pretty good to me.



**If you could have one super-power what would it be and what would you do first**  
Telekinesis, prevent England from scoring points against Wales in the 6 nations

**If you could have dinner with any one in history who would it be and what would you eat**  
Galileo Galilei, Steak with a glass of red.



## Tea break teaser

### Cocktails

The 50-50 Cocktail Bar is famous for its choice of fifty different cocktails - each named for a US state. Five friends are each having a different cocktail (one is a Nevada Knockout). The drinks are shown lined up on the bar. Can you match each cocktail with its position (1-5) and the person who ordered it?



- 1. The Kentucky Kick cocktail, ordered by a woman, is No 3 and is between Darlene's drink and the Washington Whammy.
- 2. The Alabama Slammer is pictured immediately right of Dan's cocktail.
- 3. Carrie's cocktail is someway right of Stella's drink (which isn't immediately next to Greg's cocktail which is immediately left of the Colorado Cliffhanger).

Pos	Cocktail	Person



# The UK Aerospace Sector

**Gustaf Hemburg**, Head of Research - Taken from Cyrus IM Website

The UK has the second largest aerospace industry in the world and will be an integral region supplying the global market with aircraft to meet the rising demand. 2015 was a very strong year for the UK aerospace sector with 1,397 aircraft manufactured in total in the UK – this corresponds to a value of ca. £3 billion. The demand appears to be rising much more rapidly than production, even though the UK production has increased by ca. 50% since 2009, the backlog has nearly doubled over the same period, now worth up to £108 billion to the UK aerospace sector.

During 2015, CIM made two important acquisitions providing key exposure to the aerospace sector: FGP Systems and Ramp Surface Coatings, both of which are ISO9001 and AS9100 accredited for servicing companies in the aviation, space, and defence sectors.

The sector intelligence report aims to explore the key drivers of the global and UK aerospace sector and how Cyrus Investment Management is positioned to benefit from the positive outlook in the sector. 2015 saw the strongest air passenger traffic growth since the ‘post financial crisis bounce’ in 2010, with

6.5%, well above the average annual growth of 5.5% over the last decade. This is a very positive number given the weak economic backdrop during the year. The International Air Transport Association (IATA) has forecast the global passenger numbers travelling by air to reach 7.3 billion by 2034, up from 3.2 billion in 2014, which represents an annual growth of ca. 4.1%. A likely explanation to this could be that the average fare throughout the year was around 5% lower (when adjusting for distortions from a strong USD) than the previous year, resulting from a further drop in oil price and as a result in jet fuel. Furthermore, the total traffic growth outpaced the 2015 rise in capacity, resulting in an all time high in the global load factor of 80.3%. Over the next few years this positive trend is likely to find further support in continued low oil prices coupled with airlines taking delivery of new more fuel efficient aircrafts, hence resulting in lower fuel cost.

European airlines had an overall strong year, growing 5.0%, largely fuelled by an increase in



consumer spending in the Eurozone as well as a moderate increase in flight frequency. This growth came despite extensive strikes at Lufthansa and the shutdown of Russian carrier Transaero. The UK has the second largest aerospace industry in the world and the largest in Europe, as well as one of the busiest transport links. In 2014, 219 million passengers travelled to or from a UK airport, a number which Ascend has forecast is set to increase by around 165% over the next 20 years, to ca. 370 million passengers in 2034. During the same period passengers travelling on UK airlines alone is set to grow by 80% to 218 million. The vast demand growth is likely to greatly benefit the UK aerospace manufacturers and supply chain.

Airlines are tackling the huge projected increase in demand for air transport by: Replacing old planes – newer models are designed with better seating capacity, higher fuel efficiency, and lower pollution. Expanding their fleets – over the past ten years the UK airlines has seen a slow expansion in their overall fleets (624 aircraft in -03 to 701 in -14), as well as a period of consolidation as a direct result of the global economic downturn. Ascend Flight Global has predicted the annual growth in the UK fleet alone will be around 2.3% per annum.

**Want to read more visit  
www.cyrusim.com to read the full report**

## Tunnel Vision

**Richard Ashby**, Director of City Engineering

City Engineering Systems is a long established, successful engineering business specialising in quality sheet metal work and fabrication in stainless steel and aluminium as well as mild steel. The company occupies its own purpose built premises of 35,000 square feet close to the M32 in Bristol and currently employs about 55 people.

During 2016 City Engineering Systems Bristol manufactured a specialised air delivery system for Quadratic Limited for use at Southampton University.

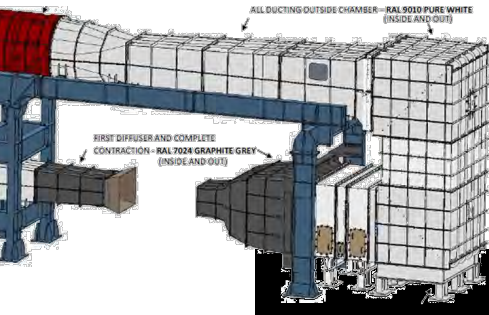
City fabricated each section of the ducting system and the structural steel frame in house using specialist techniques including the forming bending and fabrication of parts for each of the unique ducting sections. We have the equipment and expertise to handle the entire spectrum of sheet processing — Shearing, Laser Profiling, CNC Forming, TIG and MIG Welding, Finishing and Assembly.

The Air Delivery Assembly is currently being trial assembled and dimensionally checked.

Once the Assembly is checked and dimensionally correct it will then be dis-assembled for specialist coating prior to delivery to Southampton University for its final assembly and installation.

The main purpose of the Air delivery system is to check for the wind noise that is created by aircraft landing gear whilst landing. Landing gear parts are scaled down and placed in between the diffuser sections where air is then forced through the tunnel.

**“Watch this space for City’s next project”**



# The Day That Goes Down In History

**Derek Smith**, Operations Director of Ramp Surface Coatings

27/09/16 Will go down in History as the day the Weymouth Facility was used to produce its first Astute Submarine Panel under the current Boat refit programme. It has been a long and arduous journey getting the plant installed because of the extremely tight environmental controls the process is carried out under. The day was not without its challenges with possibly one the highest ambient humidity readings of the year (80% RH) setting up a



task of bringing down the plant level to under 50%RH. I'm pleased to say all plant

performed well and we have a conforming panel for our Customer.

We now need to build an infrastructure at site to allow the facility to add value to RSC. RSC have now finished the Casting trials with Finecast who are suppliers to Thales, our competitors had struggled with the Multi treatment requirements and the paint finish, have trailed several options we found a way to achieve their requirements and they are now novating that work to RSC as soon as our Sulphuric Anodise line can take the production run, which we believe to be Mid October.

We also hope to get our NATEP project back on track, the Offer letter should be transferred to RSC very soon, this will enable us to continue with our research into Over coating Non Hexa-



valent metal treatments with Aerospace and Defence coatings which we will then develop a specification robust enough to take to Primes, all this comes with government funding if we are successful.

Our Yeovil Facility is ever busy and we are making changes in the operation to accommodate the new work and processes that we are installing. The optima treatment work is soon to be transitioned to RSC having got Zodiac approval, but as always a swift QA visit to ensure we meet the requirements is being hastily arranged.

The team at RSC would like to Thank the Directors of CIM in the investment and trust they have placed in us, we are very happy to be part of these exciting challenges and 'Roll our sleeves up' looking for the next ones.

## Employee Corner

**This Issue’s Employee Corner Author—Joy Smith**, Amin Manager of Ramp Surface Coatings.

My name is Joy Smith and I work for Ramp Surface Coatings Ltd. For those that don’t know our background, here is quick history lesson. 13 years ago, I started working for Ramp Industries Ltd. We sprayed MOD parts and ground support equipment. I worked in admin, 4 hours a day, Monday to Thursday and I was bored. Honeywell and their customers approached us and we added aerospace components to our list, I wasn’t so bored. We had to get this accreditation called NADCAP, oh my days, boredom was a thing of the past, and we unleashed a monster. 18 months ago we introduced pre-treatments to our services.

I grew with the department and we became bigger and better. From admin I took on Production and my role changed completely. All the time though having a great team behind me.

Like so many companies and businesses, we have seen good times and bad. This time last year we were all very concerned for our future. I have always treated Ramp like my own company, but the constant demands and strains started to

take their toll (the natural highlights say it all!). THEN – February 2016, a company called Cyrus came and bought us as part of their group, and we became Ramp Surface Coatings Ltd.

Initially as quite a cynical person, I was sceptical. However, 8 months down the line I have settled. As a Company we have expanded, albeit slowly and steadily. Our treatments department headed by Alex Evans has grown, and is only going to get bigger. Mark Teversham-Hann is Paint Production Manager, which has taken an immense pressure from myself. We sponsor the local Rugby club, and Ramp Netball team.

As for myself, to be honest, I was struggling with the role of Production, but I was given the opportunity to step down, I am now Admin. Manager. Debbie Raison used to be a masker. She expressed an interest in working in admin. That was in April, and she has proved to be a god send. Pauline Palmer is a masker and she now works 2 days in the office with Debbie. Katrina Bunn has the hardest job, she has to look after Derek, not an easy job, and keeps every-

thing ticking along nicely. Due to these 3 lovely ladies, I am now a lady of leisure 2 days a week – lush.

If I was asked what the best thing is about working for Ramp Surface Coatings Ltd, I would have to say it is down to the team I work with. We have all mixes, husbands and wives, mothers and daughters, mothers and sons, then everyone else. We get on, we fall out, but we are all behind what has kept us going. Is Ramp Surface Coatings going to be a success? 100% yes.

With the support of Cyrus, financial backing and time, we will be an awesome department, one of which, I am immensely proud of.

Photo attached is the admin team, obviously the most important department within any business, but don’t tell the rest!





# RECENT NEWS

## Congratulations

Congratulations to Helen and Richard Johnson on the safe arrival of your new baby girl Olivia Faith!

Congratulations to Ed Mee and Sadie McAuley on the safe arrival of your new baby girl Emily!

Congratulations to Richard Samways and Jenny Smith on the safe arrival of your new baby girl Ella Ruth!

Congratulations to Lee and Megan Samways on the safe arrival of your new baby girl Rosa!

Wishing all of your new family's all the very best.



## Promotion

Congratulations to Jason Davidge on his promotion to Technical Sales Manager, to Wayne Churchill on his promotion to Group Procurement Manager, to James Bishop on his promotion to Senior Planning engineer and to Paul Clark on his promotion to Operations Director we wish you all the best in your new role.

## OBE

Congratulations to OM David Hitchcock who has been awarded an OBE in the Queen's Birthday Honours list for services to The Gurkha Welfare Trust

Want to say something special ? Email [kerry.weaver@fgpltd.com](mailto:kerry.weaver@fgpltd.com) to include your message in the next issue

# OBE for Cyrus Chairman, David Hitchcock

Nigel Rosser

This month we are pleased to announce that Cyrus IM Executive Chairman David Hitchcock is due to be awarded the OBE at Buckingham Palace.

David, 53, will receive the award for his services to the Welsh community and for his work with the Gurkha Welfare Trust.

As well as building up Cyrus Group's power base in the South West and South Wales, David has been actively helping the Welsh Government with internal investment and the creation of engineering apprenticeships in deprived areas. For several years he has also endowed a scholarship to his alma mater, Monmouth School, for pupils from less advantaged backgrounds.

David, the son of two Ebbw Vale schoolteachers, himself won a scholarship to Monmouth where he represented Welsh Schools Under 18 at Rugby before going up to read History at Cambridge University, where he won a boxing Blue.

After Cambridge and RMA Sandhurst he joined the Royal Welsh regiment serving on the Northern Irish border, before transferring to the Brigade of Gurkhas, where he did tours to Nepal, Hong Kong and Brunei.

## The Strength To Protect

Stuart Lawrence, Managing Director of Rhino Systems Ltd

Over the past five months, Rhino Doors has undergone a transformation focused on expanding the product range of doors that can be offered, not just within our traditional security market but also meeting the needs of our increasing client base that demand doors with multiple performance criteria. These additional performance criteria include fire protection, sound attenuation and flood prevention.

Recognising this transformation in focus, we at Rhino have taken the opportunity to modernise our image and this has included a complete revamp of the company logo and the introduction of strap line that more comprehensively reflects the mission of the business.

*The Strength to Protect* obviously has relevance within the security door market but is also intended to convey a sense of performance with regard to other door protection criteria – such as fire, acoustic and flood.



As reported in the last edition of *The Connector*, staff from Rhino have recently attended the *INFRA Oman* infrastructure exhibition in Muscat and this afforded us the opportunity

After a long and successful banking career in the City as Managing Director of J.P. Morgan, together with CIO Ian Watkins, David began investing and turning around ailing precision engineering companies, taking many from the brink of bankruptcy or the grip of the receiver and transforming their fortunes.



David is treasurer of the Gurkha Welfare Trust, which seeks to look after Gurkha veterans after leaving the Army and was instrumental in co-ordinating British relief aid to the region after last year's earthquakes.

He said: "God knows what they thought of this Welsh ruffian when I walked into the Gurkha mess all those years ago, but I hope to continue to repay the faith they showed in me then."

"This is a great honour for me and indeed for the Cyrus Group. It shows that with encouragement and education, even a boyo from the back streets of Ebbw Vale can find a way to achieve and to help others."

"The award reflects the great efforts we and local government have made to ensure we can continue turning round ailing companies and create employment and wealth in the Great British precision engineering sector for years to come."

A picture of David and family receiving the OBE will be printed in the next edition of the *Connector*.



to test the new branding, including an array of new presentation material.

The main event however remains our more formal launch at the *Dubai Big 5* infrastructure exhibition late in November this year where we will have an even bigger stand and the opportunity display some demonstration pieces to an estimated +74,000 visitors.

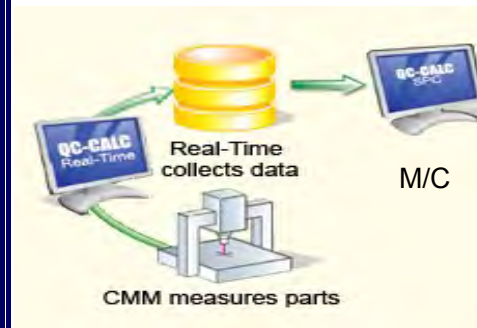
Before this event in Dubai however, attention must now focus on converting an ever expanding list of documents, business cards, brochures and even company vans that must now be changed to the new logo. Thankfully this task does not extend to the company's premises, as we have just recently moved into a much larger facility that needed new signage in any case. More about the new facility in the next issue of *The Connector*...

# SPC at FGP

Ryan Hope, Quality Inspector of FGP Systems Ltd

**The Vision** - *A First for the Aerospace Industry*

To Collate Data already in the system at FGP to give not just **PART** repeatability but **MACHINE** capability, feeding **LIVE (Real Time)** information back to a PC displaying data to the operator at the machine.



## So what is SPC ?

S stands for statistical. SPC is a method of quality control which uses

P is for process It is used for monitoring, controlling and, ideally, Improving a process through statistical analysis

C is for control It is applied in order to monitor and control a process (Machining of Parts)

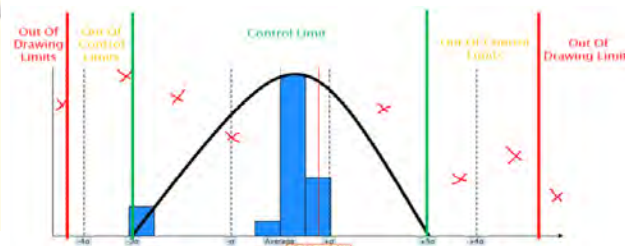
## Why use SPC?

There are many reasons why SPC should be used such as:

- Dramatically reduce variability and scrap
- Scientifically improve productivity
- Reduce costs
- Uncover hidden process personalities
- Instantly react to process changes

## How does SPC work?

By inspecting a processes (parts) on a regular basis, this will show the variation in specific parameters from sample to sample or batch to batch. SPC analyses these variations and enables us to get the process optimised and fully under control.



## Plan , Do , Study, Act

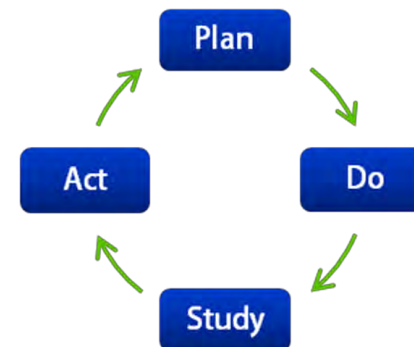
*Its In AS 9100 Rev D*

**Plan** involves using SPC tools to help you identify problems and possible causes.

**Do** involves making changes to correct or improve the situation.

**Study** involves examining the effect of the changes (with the help of control charts).

**Act** involves, if the result is successful, standardizing the changes and then working on further improvements or, if the outcome is not successful, implementing other corrective actions



## Introduction To FGP

A presentation was recently made to the directors of FGP who where joined by members of management from both City & RAMP

The Directors have agreed to two trial Phases over a 3 month period

1. Trial Phase 1 - Introduce to Citizen Machines
2. Trial Phase 2 - Introduce to Turbine Cell

A review of the trial phases will be carried and data from parts that currently require 100% will be submitted to customers to prove the process is stable.

This will eliminate the need for 100% inspection meaning there will be time & cost savings against the Job.

