

## LB02 Sets Sail



Tuesday of last week saw the last HMS Prince of Wales Portsmouth block leave the base on its journey to Rosyth. The 6,000tonne block made the four day journey on-board tug eraclea arriving at Rosyth over the weekend.

Paul Bowsher, Portsmouth Block Build project manager, paid tribute to his team who completed the project on time. He said: "There have been a lot of teams working on this from BAE Systems and the Aircraft Carrier Alliance, it has been a true team effort to get this section out. My team and I have been doing the building side of it, and have completed it to the right quality and to schedule, which I am extremely proud of."

Kris Shields, the Aircraft Carrier Alliance's transportation project manager, who was leading the team overseeing the block leave the harbour and then following its journey and arrival to Rosyth. He said: "My team has been here all week making sure the block is being welded to the barge and making sure it is all secure for the transportation to Rosyth."



## Spotlight on.

**Jon Pearson. Ship 01  
Delivery Director**



Whilst the focus lately has been centred on the transportation and arrival of blocks for Prince of Wales and build up to the start of assembly, there is still a huge amount of work taking place on board Queen Elizabeth with outfitting, integration, commissioning and testing. Jon Pearson, Ship 1 Delivery Director gave us an insight into his role on the programme.

### **What is your role on the QEC programme?**

I am the now Delivery Director for HMS Queen Elizabeth with responsibility for all aspects of the ship build, test, commissioning and presentation for acceptance by the client, but this is not my first role on the QEC programme. For the last 12 months I have been the commissioning Director which followed a period as the ship delivery Director for AL Shamikh the first of class OPV built in Portsmouth for the Sultan of Oman. Before that I was the ACA, Head of Integration.

### **What are the biggest challenges you face?**

That's easy, HMS Queen Elizabeth. The biggest ship ever built for the Royal Navy with the volume challenges it presents along with the leadership and management of such a large team of Industrial Partner employees, agency and Major Sub-contractors is a massive challenge.

### **What are the next major milestones for Queen Elizabeth?**

Our efforts are currently focussed on improving the strike rate of volume installation, there remains nearly one million meters of cable to install and terminate and almost 50,000 pipes to pressure test. This is essential to enable the commissioning of ships electrical and mechanical systems. The next major electrical milestone is to switch on the ships high voltage distribution system at the end of September and then to start her main generators early next year.

### **What are the main differences working on the QEC project than other projects?**

On the ship volume is the main difference. Very few of the build challenges are new, but they tend to be much bigger.

### **How far is Queen Elizabeth away from completion?**

Queen Elizabeth is just over two years away from sea trials. To get there we need to install nearly a million meters of cable, test 50,000 pipes, commission nearly 300 systems and handover 3000 compartments to our client. A massive challenge for us all but if we focus on meeting our short term plans and strive to overcome issues that arrive then we can achieve it.

# Permit... Why Wait!



After the surge of suggestions for improvements from people across the site, the number one that came up time and again was waiting for a Permit to Work. Nobody likes a queue, especially if it's holding us up from getting on the ship and getting our jobs done!

So, the permit teams, site service management teams and AIM got together and came up with the solution.

The first critical step was to change the layout of the office space and the results to date are excellent; shorter queue lengths, reduced waiting time and a quicker permit process. Work is ongoing and further improvement is expected but it's a great start. Be sure to check it out when you're next over there, your suggestions are very welcome!

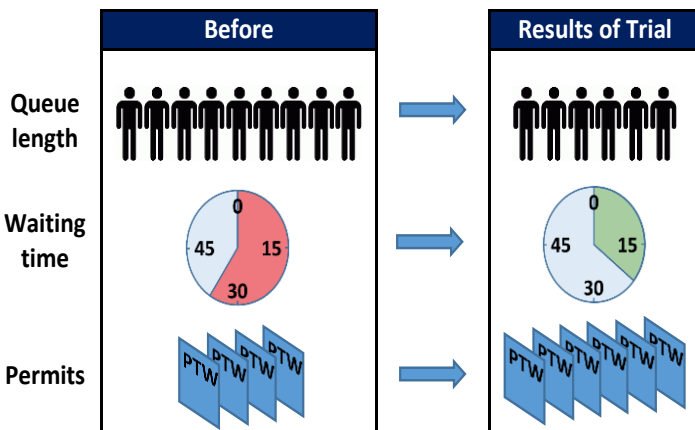
Please

contact

[George.white@babcockinternational.com](mailto:George.white@babcockinternational.com)



**Metal Worker:** 'This is better isn't it? Much more room, better environment, better service - fantastic!'



## Women in Engineering

Tuesday 9 September will see Babcock and BAE Systems host career development days.

WISE will host their first ever networking event outside of London at Babcock Rosyth. Joined by WISE patron HRH Princess Royal, the event will focus around the themes of: Inspiring the next generation

Action by employers

Women's own experiences

Naval Ships will play host to their 4<sup>th</sup> International Women of Excellence event in Mercure Glasgow City Hotel, the event is open to any employee (male and female) who wishes to build their confidence to spot and pursue career development opportunities for themselves or their teams. Mick Ord (Managing Director - Naval Ships) will be providing the welcome to the workshop which will be led by Alyse Ashton of Eye 2 Eye Development.

If you are interested in attending click here for more information on the [WISE event](#) or email about the [IWE event](#) or for greenlink users click [here](#).

## Employee Pulse

Rosyth based BAE Systems employees will soon be invited to take part in the company's annual employee survey. The survey gives employees the opportunity to feedback their views on how to make BAE Systems Naval Ships a better place to work. Over the last year your views and comments have helped the company make key changes across Naval Ships – driving the business forward and improving the way they operate. From introducing greater flexibility for all employees through Smart Working and the introduction of schedule based working in some production based areas, to improving communications. The views you've shared with us have really made a difference.

Employees will be invited to take part between 8 – 19 September either via weblink or paper survey for non-pc based employees. For more information speak with your line manager or visit the intranet.

## Govan

### Prince of Wales LB04

The steel work team are nearing the completion of the ring butt join up who are planned to finish the works this week, thus fully opening up areas for the PO1 and PO2 work scope to progress the build.

In the coming weeks there will be an additional focus on pipe pressure testing in the build up to a milestone for 9,500 pipe spools to be tested, as well as in terminations with a milestone for 45,000 terminations to be completed.

There were nine PO1 inspections achieved last week with a further five barcoded this week. Four CHOs were achieved last week with a further 11 inspected this week which are in the process of being washed up bringing the total to 102 which is on plan.

## Merseyside

### HMS Prince of Wales CB02 F&G

There have been 42 CHOs now completed for CB02 G and F ring against the onsite CHOI programme with 25 CHOI ITR's completed, signed and submitted to CMS.

All PO1 inspections for CB02 F and G are now complete, and following completion of paint in areas of F ring, insulation has now been installed in way of lock outs and lock outs fitted.

Weatherisation to all interfaces and external to hull for CB02 F&G are now well underway.

### HMS Prince of Wales CB04

All A ring units are now in place on the berth along with B ring 2 deck units.

A ring units 1 and 2 are fully outfitted with seats, pipe supports, eyeplate pendants and eyeplates. The fitting of seats and pipe supports to CB04A Hangar deck has now commenced. Lock outs are being places within A ring.

On B ring 2 deck units 1 and 2 lock out seats are being manufactured along with 3 deck seats and pipe supports.

C ring 2 deck sees welding continue on and flight deck plates on grillages.

On D ring profile cutting and chamfering of structural steel continues.