

News

Break Blade Installation

The painters have now handed the aft end of HMS Queen Elizabeth over to engineering in order to fit the brake blades onto the propeller hub (see below). All 10 blades were fitted ahead of schedule. The brake blades are used in order to test and commission the propulsion system while the Carrier is in the basin. These wheels or blades resemble a huge set of cricket stumps and are designed to absorb the same torque as the real propeller blades while producing no thrust. It therefore allows the propulsion system to drive at up to 50% power while the ship is tied up alongside the dock. The brake blades need to be replaced with the real propeller blades before going to sea, which will be done underwater.



Our People

Our eleventh people profile is now available to watch online [here](#). This week's profile features Simon Vaughan.



Spotlight on...

Helen Adamson,



How long have you worked at Babcock, Rosyth for?

Over 24 years, I started in April 1990 in the Computer Bureau working as a Trainee Computer Operator. I then left IT as a Desktop Engineer in 2003 for a change in career in Business Development before starting my current role as PR and Communications Manager in 2011.

What is your involvement in the Naming Ceremony project team?

I have been working on the project with Kirsty Noble since July 2013 with Fred Armstrong joining us in the September as Project Manager. Cdr Craig Mearns followed from HMS Queen Elizabeth before Major Chris Moses joined us on secondment from the Royal Marines to work full time with the project team. More recently we were joined by Holly France from BAE Systems. I have been involved in many aspects from security to catering, and more recently transport. So definitely a wide variety of tasks. The event planning has many challenges, however, the team we have bring a wide range of experience with them and of course we do find time for the occasional laugh. It is a really good team to work with.

How did you get involved with this?

I was asked to get involved as part of my role in communications supporting the ACA Communications team.

What do you do day-to-day on naming Ceremony?

I try to teach Holly some of the local sayings, her understanding of the Fife dialect has certainly been extended. Joking aside, every day is different but it's all striving to achieve one thing; a safe and memorable event.

What are you most looking forward to about the day?

This is a really difficult question to answer as there are so many different things planned for the day from fly pasts to exhibition areas. I do think the military ceremonials will be great to see; especially the Royal Marine Band.

HMS Queen Elizabeth Rosyth

Tanks

- Last week a further four Compartment Completion Inspections (CCI's) were inspected, washed up and offered to the client for signature.
- Water ballasting has commenced in compartment ODX3 (Fresh Water tank). Last week vaccubox testing continued on the tank lids.

Shaft Programme

- All 10 propeller brake blades were fitted ahead of schedule last week,
- Shaft bulkhead glands in 9QX4 and one in 9QX5 have been offered to bulkhead and marked up for screeving; now being removed from position for cutting/screeve.

Hull Programme

- Painting of the topside areas has continued in damage control zone 1 and is overall 99% complete.
- Work on the sponsons continue to make good progress with SP01-SP05 now 85% complete.
- At the aft end of the vessel work has continued i.w.o. the external shaft area and the paint team is making good progress in both the boottop (LB04 99% / LB05 80%) and boottop down (LB04 98% / LB05 95%) complete respectively.

HMS Prince of Wales Merseyside

HMS Prince of Wales CB02:

- All compartments (excluding Hangar) have now been PO1 inspected within G ring.
- Painting and insulation to all G ring compartments continues (paint complete to 27 compartments and four in progress, Insulation complete to 16 compartments and two in progress).
- Installation of pipework, Hilti second fix equipment supports, cable containment and electrical platform continues throughout G ring .
- Fitting of seats and pipe supports within F ring 4 deck centre unit compartments continues.
- Salt water pipe support run being fitted within F ring 4 deck port and starboard units continues.
- First PO1 inspection complete for F ring 4 deck centre unit compartments 4FY0 and 4FB0.

- Hotwork continues within F ring 4 deck compartments 4FX6, 4FX5 and 4FX4.
- Seats and pipe runs are now being fitted within F ring 4 deck starboard and port end unit compartments

HMS Prince of Wales CB04:

- A ring units 3, 4, 5 and 6 flight deck panels together and being welded out continues.
- A ring units 1, 2, 3 and 4 transverse girders being erected and welded with bulkhead erection well underway.
- Manufacture of seats and supports for A ring 3 and 2 deck compartments continues.
- B ring units 1, 2, 3 and 4 2 deck unit plates being welded and girders being fitted.
- B ring flight deck plates being fabricated and welded together continues.

Tyne

HMS Prince of Wales CB03:

- The block is progressing well with ring H and J scope now completed.
- Only cable running and terminations remains in ring K and LK.
- 82 CHOIs have been undertaken and the close down of the remaining defects is underway with a rainbow team of all contractors and discipline making their way through the block.
- The remaining CHOIs are planned for the coming weeks as ring L scope is being completed.
- The Dimensional Control certificate was signed off for the block this week with all inter-ring Greens cut at site and targets added for LB03 joins in Rosyth.

Portsmouth

HMS Prince of Wales LB02:

- The CHOI plan is progressing well with 181 CHOIs now complete.
- Shell painting is nearing completion.
- The pipe program continues to make excellent progress. 83 101s were achieved and 800 108s.
- Electrical equipment installation is progressing with 83 items fitted last week and terminations on-going with 43,400 cores terminated to date.
- Cable installation is nearing completion with over 241km installed.
- Weighing preparations continue with a planned weighing date of the 15 June.

HMS Prince of Wales CB02:

- On ring A 100% of equipment for the build yard scope has been installed. Good progress has been made on weather protection for transportation. 101 and 108 are 100% complete
- On ring B, Pipex are on target to complete their scope by week 25 and commence ring C in week 24.
- Ring C 3 Deck, BLIs planned for end of week 24 in readiness to accept the modular cabins, delivery is expected early week 25.
- Weighting enablers and preparatory work began in line with the agreed plan.
- The removal of scaffolding between rings B and C began in order to enable painting completion and weighing of the blocks as planned.
- 64/174 CHOIs achieved to date.

Govan

HMS Prince of Wales LB03:

- The block handover meetings are now increasing in frequency as the block nears completion. Last week saw the issue of the final Block Handover pack which will be subject to audit this week. One element for the pack is the process of photographing the block as a record of the status at transportation. The LB03 team joined by the Naval Ships photography team have now completed this activity which shows the advanced status of the block.
- This week will see the final Care and Protection audit of the Block attended by the ACA and Babcock.
- The team's focus continues to be clearance of defects on the block with a continued reduction of defects resulting from actions generated at last week's D3B and also the implementation of the remaining change.
- The watertight integrity programme is progressing well with only a few weeks work outstanding to close out the block for transportation. Balfour Beatty and BAE Systems are also nearing completion of the installation of watertight sealing of glands and penetrations. Successfully completing this work is essential to the transportation process and continues to be a major activity leading up to block roll out on the 13 July 2014.

HMS Prince of Wales LB04:

- In terms of quality updates on LB04, we recently went through 12 Behind Lining Inspections (BLI) with Lloyds present. The feedback from the Lloyds team was that the standard of what was presented was 'excellent' and the presentation was demonstrating a 'Right First Time' approach to our inspections.
- Following on from a successful week last week achieving two of our major milestones for the year, focus now moves on to our next milestone of having all pipes on LB04 manufactured by the end of June.
- Work in rings P/Q continues well with the cabin deliveries well underway. It is an important aspect of the build and a key focus over the next few weeks to maintain the good working standards and closely monitor the progress of the work to ensure we are ready for rings N/P link up commencing in week 1426. Preparation is now well underway with the scaffolding starting to be removed from around rings M/N and ensuring the rings are weather tight for the move.
- The calling notice went out last week for the first CHOI on LB04 PWLS, with the actual inspection due to be undertaken this week.
- The installation of all routed systems within the block is continuing to go well with the pipes, HVAC, electrical cable and terminations all ahead of the plan.