

## News

### Prince of Wales

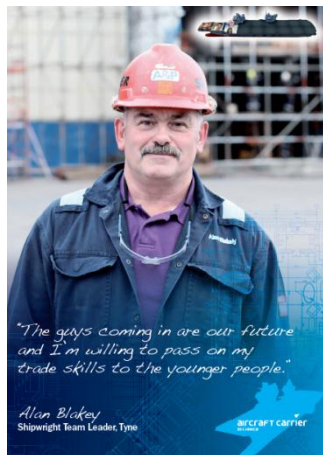


VB002 was successfully lifted onto VB001 with consolidation activities now underway.

The mast cap for HMS Prince of Wales was loaded onto a barge heading for Hengelo in order to undergo set to work activities.

## Our People

Our fourth people profile is now available to watch online [here](#). This week's profile features Alan Blakey, Shipwright Team Leader who works for A&P Group in Tyne.



## Spotlight on... Pole Mast



Combat Systems continue to forge ahead with the installation and functional test phase of the QE Class Pole Mast.

The Pole Mast for HMS Queen Elizabeth commenced manufacturing in November 2009 and will be fully installed by May 2014; standing at 20m tall it forms the highest point on the QE Class aircraft carrier.

The lower section of the pole mast arrived at Rosyth on Tuesday 18 March 2014 following a journey from Cowes, and was lifted into position on top of the Aft Island by the Goliath crane, linked with its below decks hydraulic equipment it successfully operated on its hinge lowering the mast. This phase of work has successfully demonstrated that the mast is able to lower to a near horizontal position at the push of a button, allowing the ship to pass under the Firth of Forth bridge unobstructed.

The primary function of the pole mast is to allow key communication systems to operate over 360 degrees and allows key mission systems to work onboard whilst out at sea.

Mark Seccombe, Engineering Manager- Communications Systems/ Pole Mast said; "The completion of the installation and functional test of the lower Pole Mast on Queen Elizabeth marks a significant programme milestone as it is the first BAE Systems' Mission System element to be installed, energised and tested on-board – which is a fantastic testament to the hard work undertaken by the team."

## Charity Golf Day

Members of the ACA participated in a Charity Golf Day organised by Steve McKenzie. The QEC Golf Challenge 2014 took place at the Carrick Loch Lomond, and raised over £200 for the Seve Ballesteros Foundation. Steve McKenzie, Project Engineer and Golf Day Organiser said, "Another successful golf day enjoyed by all whilst managing to raise some money for a great cause. Thankfully the rain stopped so the only thing that got wet was our shoes thanks to a lot of surface water."



## HMS Queen Elizabeth Rosyth

### Damage Control Zone 1/2

Pipework 6 C/Paths passed over to test team a further 4 on UB07 currently being self-verified.  
ITR 11's progressing in line with hull painting programme.  
HVAC strike rate currently meeting planned baseline plan.

## HMS Prince of Wales Merseyside

### HMS Prince of Wales CB02:

- PO1 inspection complete for G ring 2 deck starboard unit compartments 2GB9, 2GV9 and 2GX3.
- Structural dry survey passed to G ring 3 deck starboard unit preparations have commenced in readiness for PO1 survey next week.
- Hotwork seats and supports are currently being fitted to G ring 2 deck port unit.
- Painting continues to all G ring compartments and Insulation continues with 4 compartments well underway this week including metal cladding within 2GC0.
- Pipework and Hilti second fix equipment supports continues throughout G ring.
- F ring 3 deck port unit was lifting and turned and placed onto unit this week.
- Manufacture of seats and supports for F ring 4 deck now complete and seats and supports for 3 deck has started.
- All lock out seats to F ring 3 deck units have now been manufactured, fitted and painted with full paint specification (see below).
- All F ring 3 deck lock out equipment have been protected and placed in the centre of the compartments.
- Fitting of sloping ladders is now well underway on F ring 4 deck.





### HMS Prince of Wales CB04:

- CB04 A ring units 1 and 2 has had dimensional control surveys and both units are now in preparation for structural dry surveys.
- CB04 A ring units 3 and 4 deck plates being welded together with units 5 and 6 now been barred out.
- Plates being placed on jig this week for CB04 Ring B.

## Tyne

### HMS Prince of Wales CB03:

- Ring L is on the west quay with the joins port to starboard being welded together.
- Outfit continues on ring LK.
- 26 CHOIs have now been undertaken in rings H and J.



## Portsmouth

### HMS Prince of Wales CB02:

- The paint programme maintains good progress. C-ring 2 deck paint is close to completion with areas being released to outfit for first fit over Easter.
- 256 terminations were completed keeping the termination program ahead of schedule. 694 terminations have now been completed against a plan of 3346.
- 251 pipes were installed last week (40% complete). Pipe testing continues with 208 108s completed last week.
- Terminations remain ahead of plan. 258 were completed this week (28% complete).
- Cable installation increased with 1,746m reeved last week (32% complete).
- The CHOI program continues ahead of plan. Six further CHOIs were completed. Total is now 28.
- Five cabins have been delivered for B-ring. BLIs are scheduled for this week ahead of cabin installation in week 17.

### HMS Prince of Wales LB02:

- The tank testing program is drawing towards completion. OCX0 was completed and tested last week. 0EX4 & 0EX5 are in the final stages of preparation ready for testing early next week. This will complete the tank testing for LB02.
- Port and Starboard hull guides are now fully fitted.
- Good progress has been made on the paint program. First coats and Protectapeel have now been applied across C-ring bulkhead (see below). The flat bottom shot blasting and application of first coat paint is now complete. Shell sides will commence in week 17.
- Pipe installation and testing continues to make excellent progress. Installation now stands at 97% complete. 101 strike-rate has increased with 679 completed in last week (58% complete). 616 108s were achieved (37% complete).
- Terminations continue to gather pace. 2390 achieved (51% complete).
- BBES cable reeving is progressing well. 9,800m were installed last week. Total cable is now at 222,529m, 89% complete.
- The CHOI program maintains momentum with a further 11 CHOIs complete.



## Govan

### HMS Prince of Wales LB03:

- The Defence Quality Assurance Field Force (DQAFF) are on site this week as part of an audit of the LB03 Handover Document and physical evidence on the block. It is expected to wash up at the end of the week.
- The team has now shifting their focus to clearance of defects on the block and the recent positive trend in the reduction of defects is continuing.
- An internal D3B defect meeting has also been scheduled for week 1417 to focus on the clearance of all remaining open defects. Implementation of released change is also a current priority, with a target to implement all change released to the operations team prior to the change acceptance cut-off date of Friday 18 April.
- Alliance partners Ticon, Imtech, and Balfour Beatty are now working through opportunities afforded by the length of time remaining to block load out to progress scope they would otherwise not completed until the block reached the integration yard.
- SSSL are progressing a large change involving the shot-blasting of the outer shell, following completion of the port side shot-blasting, work is underway on the starboard side, where containment has been constructed to allow rings K and L to begin this weekend, with rings H and J also scheduled to be complete by the end of the month.
- This week work continues on securing the port and starboard shell inserts into place, completing the structural work needed to progress the final four CHOs. As a result of this work, the access and egress points for the block have been largely reduced. The operations team have conducted a safety review of access and egress points and altered all signage accordingly; this has also been communicated to their teams and visitors to the block.
- The watertight integrity programme is also progressing well, with angle plates installed on the aft of the block and the first watertight bulkhead plates being fixed into place this week and the watertight sealing of glands and penetrations is also continuing. 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:

- To date 159 units (100%) have started in the preparation area with 157 units (99%) having progressed into the fabrication stages and there are now 138 units (87%) erected in the SBOH. Last week three dry surveys were successfully completed LM33, LM52 & LQ48
- Pipe installation is currently ahead of plan by approx. 1000 pipes. Focus has moved onto increasing the pipes progressing to the testing stage whilst maintaining the installation rate.
- Work has been carried out identifying a number of pipes that are ready for mechanical inspections.
- The first Po1's for the cabins have now been achieved. Work continues in the remaining cabin areas to achieve the hotwork Inspections. This will allow SSSL in to start preparations for paint application.
- The Paint Programme is moving forward this week with a number of areas in Ring P going through quality inspections. Areas all over the block are now painted which completely changes the look and feel of the Block.
- After weeks of preparation the HV switchboards were successfully delivered and are now installed on the ship. Work has now started on joining the boards together and installation of the Bus Bars starts next week.