

ACA Weekly Communication

News

Don't Miss *The One Show* this week!

The One Show visited the programme a few weeks ago. Film crews came to Scotstoun and Rosyth to see how the Aft Island was moved out of the build hall and barged to the assembly site.

They then returned and filmed the process of lifting the huge block and installing it on the flight deck.

The footage will be broadcast on this Wednesday's show.

Catch it on BBC 1 at 7pm this Wednesday.



SHE

This week there have been no accidents or incidents on HMS Queen Elizabeth and there have been no lost working day cases on LB03 since April 2012.

Spotlight on....

Tara Wilcox, Finance Director

Tara is the ACA's
New Finance Director and
joins the programme this
month from roles in the USA.



What was your first ever job?

After school, at weekends and during holidays I was a babysitter.

How did you get from there to where you are now?

Ever since I was young I've been drawn to numbers. At College I studied Marketing and as part of that course I had to take Finance modules; I then decided to add Finance as a major. During College I worked with Merrill Lynch to gain experience and once I graduated I joined BAE Systems; my first role being in general accounting in Indiana. I held various roles in Commercial, Mergers & Acquisitions before returning to work on programmes with the Support Solutions division. Before accepting this role I was the Director of Financial Planning and Analysis.

What has been your biggest challenge to date?

It is constantly challenging myself and others; it can be easy to lose energy and motivation so you have to constantly drive for improvement.

What will your job entail?

There will be a lot of customer and IP interaction along with driving clarity in the financials, and establishing a rhythm for financial reporting. I am really looking forward to learning from the experience and depth of knowledge we have in the team, and seeing where I can bring new ideas and initiatives.

What do you do in your spare time?

Back home in the States I have just finished a 'do it yourself' home renovation, and I am getting married in less than a month so this has been keeping me busy. When I'm in a regular routine I enjoy sports like tennis and biking.

HMS Queen Elizabeth

Rosyth

HMS Queen Elizabeth LB04:

- Compartment inspections continue. The airlock in 8M is signed off and a further 4 in ring N are expected to be signed off by the end of the week.
- On ring M, 5 deck, 7 compartments have been put through their behind lining inspections. These rooms are part of the medical complex and will be offered for their initial compartment inspections on completion of these actions.
- The pipe installation and testing teams continue to work ahead of the inspection schedule. This week 240 pipe spools have been tested to date with the total expected to reach 300 over the weekend, this exceeds the target for the week.
- On the shaft programme attention has turned to the starboard side A frame; the external length batons have been installed with final positioning of the A frame progressing.
- Offsite the shaft line bulkhead gland plates are currently being match drilled to accommodate the bulkhead glands.

Tanks

- SSSL continue to progress with the Shot blasting and Painting of Tanks.
- Post Primer and final paint is expected to be completed this weekend in 0CX0 (Water Ballast Tank).
- The water test in 0FX6 (AVCAT Tank) that commenced last week was achieved and successfully signed off by Lloyds. There is a water Test in 8MX4 (Lub Oil Tank) and an air test in 0BX0 (SW Ballast Tank) that will commence next week.
- Engineering continue to progress with an additional nine Tanks reviewed this week. This provides a total of 36 Tanks inspected and achieving DISR (Design Intent).

Assembly

Sponson 12 is currently sitting at hard standing at the South end of No.1 dock where it is undergoing final preparations for lifting with support towers completed. Green cutting is due to commence and lockout installation on-going. Sponson 12 will be lifted later this month.



Manufacturing

Sponson11 and Sponson 12, PO1 outfitting is now complete with the final compartment handover inspections taking place and are scheduled to be complete we 13th September.

On HMS Prince of Wales, the manufacture of units in the heavy fabrication bays is continuing with PO1 outfit also being installed during this phase. In the Syncrolift building, on sponsons 03 and 04 the PO1s are being installed on 4 and 5 deck. The stub units are being installed on the cradles for sponson 05 and 06 forward, and the stub units are now being joined together.

Appledore

The first paint cycle of units for Sponson 2 HMS Prince of Wales has been completed. The steel for CB05 & CB06 catwalks for HMS Queen Elizabeth has now been delivered and the cutting out process has now commenced.

HMS Prince of Wales

Portsmouth

HMS Prince of Wales LB02:

- This has been a busy week in Portsmouth with D ring moving to the main LB02 block. This now leaves only C ring to fully complete.
- C ring was also moved further along the build line to allow space for another CB02 ring to be positioned very soon. This was all completed in a very smooth process with BAE and sub-contractors, Mammoet working well together.
- Outfit continues in all other rings with insulation starting in 5G Ops room, and other areas in G ring now all the painting has completed.
- The exhausts are also on-going in 7G and connecting to the Diesel Generators.
- Phase 1 and 2 tank testing is complete and work is underway to advance this in join-up areas.
- Structural join up welding progressing on F-G and E-F rings with D-E ring to start next week.
- Pipe installation continues well through all rings with a total of more than 5400 installed to date, as is cable reeve, and HVAC installation with 2230m of vent installed.
- HVAC is continuing on all rings with heavy gauge vent in G ring and preparations for Machinery Space Coolers to be installed next week.

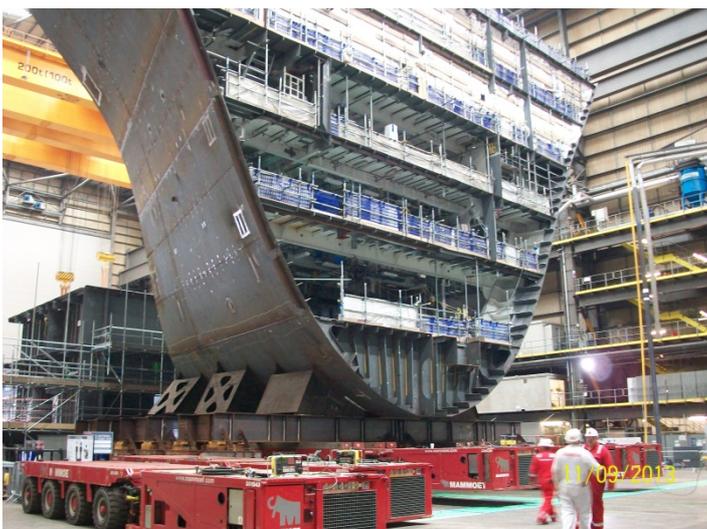
HMS Prince of Wales CB02:

- Hall A is a very busy area this week as we have 11 units in various stages of production.
- C207 and C208 are now in paint cells and inspections on-going.
- In Hall B unit C204 has been erected onto the other units, and is progressing well.
- Space has been made now for ring C Grillage to be set down.
- Further work continues with ring B transporting grillage and is nearing completion.
- Consolidation is progressing well with units on rings A and B ready to accept further units next week.

Govan

HMS Prince of Wales LB03:

- A Care and protection audit was conducted on the block, which was classed as satisfactory. This shows the good progress that has been made over the last few months to ensure that installed kit is protected.
- The final 4-deck castellation has been lifted into place early this week and work has begun to install it, which will complete the last of LB03's structural steelwork. This unit was left off due to a lessons learnt from ship 01, to allow the Ring L lift hatch to be installed. The final unit has been lifted ahead plan, due to the good progress made within ring L.
- Cable reeving is progressing well with a further 8km of cable pulled bringing the total meters pulled to 225km against a planned 190km.
- Compartment handover inspections (CHOIs) have been progressing with 15 compartments inspected. A
- Pipe installation and testing programme is continuing to progress extremely well. To date there are almost 9,000 pipe spools installed, making good progression towards the internal and ACA milestone with 56% (5187) spools mechanically tested and 52% (4909) of the spools pressure tested.
- Also good progress is also being made within the compartment air testing programme to allow the tanks to be prepared for CHOI inspection.



BAE SYSTEMS

THALES



HMS Prince of Wales LB04:

- To date there are 101 units in preparation with 90 in the subsequent fabrication stage and 69 in the shipbuild outfitting hall bays 1 and 3.
- Unit LS48 and LP09 were successfully erected and the Dry survey of LS17 was completed this week on plan.
- The second propulsion motor was successfully delivered and installed on Monday of this week. This leaves two motors to install; one in week 37 in ring Q and one in week 41 in ring N.
- The Shotblasting programme continues on rings M/N with the external shell now having the paint system applied.
- Three of the four machinery spaces are now finished with the grit blasting and are progressing through the stages of painting.

Merseyside

HMS Prince of Wales CB02:

- Work continues to erect the bulkheads for Ring G 3 deck before movement onto the Grillage.
- Manufacture has begun for Ring G flight deck units.

Tyne

HMS Prince of Wales CB03:

- CB03 Ring J was moved to the paint cell over the weekend (see below)
- This is the second ring to leave the fabrication hall and over the next two weeks will have its bulkhead and deck coats applied before the units are handed over to insulation.
- Ring H is progressing with outfit with pipe, duct and cable basket all being installed.
- Ring K will now begin block assembly in the Fabrication hall, now the the space has been freed up by Ring J.
- Ring LK and L continue with manufacture.



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