

ACA

Weekly Communication

News

Visiting HMS Queen Elizabeth

This week the ACA hosted two visits at Rosyth ; one from Thomas Docherty, MP who is a member of the Defence Select Committee, and the other from Philip Hammond, Secretary of State for Defence. Mr Hammond last visited Rosyth back in March when he signalled the lowering of UB07 onto the flight deck. On this visit he was shown the progress that has been made on the first of class in the last few months.



OUR MISSION
JETS WILL FLY FROM HMS
QUEEN ELIZABETH IN 2018



- Flood-up July 2014
- Ship Staff Join May 2016
- Basin Trials Begin July 2016
- Sea Trials Begin Oct 2016

Spotlight on....

Carlton Whitfield, Cable Puller

Where did you start your career?

I went to college to complete an apprenticeship in joinery in Cumbria, where I'm originally from. When I completed that course, I started working for Babcock.



How long have you worked on the QEC Programme for?

I've been working for at Rosyth for two and a half months so far.

What is your role entail?

I'm responsible for the pulling of electrical cables and dressing them; which basically means co-ordinating and tidying them, ensuring they are out of the way and not a trip hazard to anyone working on the ship.

What has been the most memorable experience so far?

I was here when the Aft Island was erected at the end of June. Seeing the second island being put on was really impressive and made it stand out from previous aircraft carriers.

What do you do in your spare time?

On the weekends I go back home to Cumbria and spend time with my fiancée. I like to play snooker and relax with my friends as well.

HMS Queen Elizabeth

Rosyth

HMS Queen Elizabeth LB03:

- The galley, the final compartment on LB03, has been signed off for compartment handover inspection (CHOI) by the ACA and Babcock.
- Final integration of the galley has been achieved through the hard work and cooperation of all alliance partners.
- Since the block was formally handed over the agreed rundown of engineering change and affected scope have been all been completed to plan. This has been a terrific effort by all involved.



HMS Queen Elizabeth LB04:

- The compartment handover inspection (CHOI) programme continues to focus on ring R; the next ring scheduled for completion.
- With all ring R compartments now through their initial CHOI inspection, a further three have been signed off by the client.
- In total it is forecast that eight compartments will be achieved.
- In support of this the pipe testing team expected to complete testing of circa 250 pipe spools.
- On the shaft installation programme all length batons and dimensional control targets are now installed at ship.
- Final preparation of the port A bracket steelwork is being completed by Babcock's, once this is complete the port line of sight will be struck and the starboard side will commence.

Tanks

This week another Sea Chest (Compartment 0GA0) was successfully signed off by the customer. The following compartments 0QA3 & 0FA2, which are both Sea Chests, will be offered for compartment completion inspection this week.

Engineering are making good progress with DISR (Design Intent) with 12 Tanks inspected and achieved in 9K, 0K & 0J areas. This provides Engineering acceptance to the Tank structure and is required to complete the compartment completion inspection documentation Packs.

Assembly

The main focus of the assembly team continues to centre around the aft end of the ship, and in particular, on the shaft installation and shaft alignment. The Aft Island (UB14) integration is due to complete this week. Final preparations have begun for the installation of the final two ship blocks Sponson 11 and Sponson 12.

Manufacturing

Work continues to progress on SP11 and SP12 with structural surveys and compartment handover inspections commencing in preparation for handover to assembly.

Appledore

The remaining Sponson 10 Catwalks for HMS Queen Elizabeth will be delivered to Rosyth this week. The insulation pinning of Sponson 2 units; 3, 4 and 14 for HMS Prince of Wales will start this week. When complete, the units will then be moved to the covered facility for final paint system to be applied prior to onward transportation.

HMS Prince of Wales

Portsmouth

HMS Prince of Wales LB02:

- This week cabins have been moved and positioned into D ring 6 deck with no issues (see below).
- 5 deck cabins have been delivered and are ready to be installed this week to complete D ring.
- Further lock out equipment is continuing to be moved into D ring.
- Pipe installation is progressing with almost 5000 installed, along with 30,000 metres of cable throughout the block.

HMS Prince of Wales CB02:

- The consolidation of unit C201 and C202 is progressing well on the ring A build grillage.
- The greens are being cut on C206 and this unit will be erected on to the ring B build and transportation grillage shortly.
- There are 12 units in Hall A where the unit construction phase is progressing well.
- Paint continues on unit C203 and paint preparation has started on unit C207, in Hall A.
- Units C231 and C233 are in the steel production hall (SPH) preparation area and units C215, C216, C222 and C225 are on the panel line in the SPH.

Govan

HMS Prince of Wales LB03:

- Installation of the ring J lift hatch is fully underway, with scaffolding erected and positioning almost complete.
- Cable reeving is progressing well with a further 7.5km of cable pulled bringing the total meters pulled to 206km against a planned 182km
- Nearly 30,000 terminations have been completed, with over 9500 cores check-wired- 10 weeks ahead of plan.
- The pipe installation and testing programme is continuing to progress extremely well; with over 8,600 spools installed to date.
- 49% of pipes (4534) and 45% of pressure tests (3999) have now been mechanically tested.
- Compartment handover inspections (CHOIs) have been progressing with 13 inspections taking place last week; including 11 senior rate's cabins inspected in ring K.
- 126 compartments have been inspected to date.



HMS Prince of Wales LB04:

- There are 95 units in preparation with 84 in the subsequent Fabrication stage and 65 in the shipbuild outfitting hall bays 1 and 3.
- Installation of the Propulsion Motors starts week 36; this commences the weekly programme of delivery for the first three of these colossal pieces of kit (each weighing 112 tonnes), with the fourth due for delivery on week 41 for ring N.
- LV switchboards and Ships Transformers installed on 8 deck ring P.

Tyne

HMS Prince of Wales CB03:

- Ring J is now completing its ring join ups and beginning its Hotwork inspections ahead of entering the paint cell in September.
- Ring K (the panels on the floor/supports) is beginning its unit erections.
- Ring LK plates are on the panel line and the bulkheads have begun manufacture.



Merseyside

HMS Prince of Wales CB02: Work continues on ring G 2 deck to bar it out and plates are being cut at Robert Smith's.

Images below show the first bulkhead erection for CB02 Ring G



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