

24th February 2014

News

Ramp Jig Removal Completion

Last week the final section of jig was removed from HMS Queen Elizabeth's ramp. This is a great step towards ramp completion, the final stage for the ramp is to complete the interface at the Aft end of the ramp to the flight deck. Tom Gifford, Shipbuild Integration Manager said; "this this another iconic event in the programme which helps to highlight the Carrier profile at the forward end of the Ship."



The Editors

Following on from the visit from the BBC a couple of weeks ago, The Editors, which focuses on UK defence, is due to air on Monday 24th February at 23:20.

ACA Overalls

Following on from feedback received at the monthly Programme Director Open Sessions, new ACA Overalls are now available in the Stores for Rosyth based employees.

Spotlight on...

HMS Queen Elizabeth Naming Ceremony

I am delighted to announce that Her Majesty Queen Elizabeth II will attend a celebration in Rosyth on Friday 4 July 2014 for the naming of HMS QUEEN ELIZABETH.

This prestigious event will celebrate a major milestone in the project and mark a significant moment in history. This achievement is testament to the hard work and dedication of all employees across the country working as part of the Aircraft Carrier Alliance delivering the first carrier in the Queen Elizabeth Class.

Planning is underway to prepare celebratory activities at Alliance sites across the UK and further details of these employee focused events will be shared in due course. I ask for your patience whilst plans are being finalised and appreciate your understanding and cooperation.

Ian Booth

Programme Director

Press Coverage

Following the announcement from The Palace over the weekend regarding Her Majesty the Queen naming the first of class at Rosyth, The Alliance has received widespread media coverage across the UK with [The Herald](#) (Scotland), The Daily Telegraph (Scotland), [The Sunday Post](#), and [The Portsmouth News](#) among those running stories. In addition to the print coverage, the story also featured on BBC 1, BBC Radio, Radio 5, Clyde 1 and Real Radio.



HMS Queen Elizabeth Rosyth

HMS Queen Elizabeth LB04:

- On LB04 this week DQAFF (Defence and Quality Assurance Field Force) have been back on site to continue the incremental block completion status audit process. The formal report from the ring N audit has now been issued with the wash up meeting due to take place on Friday 21st February.
- The compartment inspection programme has continued with 9Q now achieved excluding the two compartments affected by the ongoing shaft installation works. Last week the forecast was for five compartments in ring M to be signed off following successful inspections; this means 89% of the available compartments have now been inspected.
- Elsewhere on the block there has been a focus on closing out the galley area (5QC3), a meeting has taken place in the compartment with representation from all stakeholders. The output from this has been a refreshed detail plan with a forecast end date of week 1411. Another key activity has been progressed this week with the monorail ECR on track to be completed week 1409 ahead of the scheduled diesel generator overhaul.
- Finally, the Installation Audit (IA) programme remains on track with 166 commission paths now complete and signed off by commissioning ahead of a planned baseline of 154.

Damage Control Zone 4

- UB14 outfitting and cable installation is progressing well.
- The Flyco back-plate has been installed and the lower sponson will be lifted into position w/c 24 February.
- PO1 activities are progressing well throughout all sponsons and the focus is firmly on the burn down of remaining hotwork and completion of ITR4 – ITR11 & ITR13s.
- Cammell Laird is progressing well throughout CB04 at 2 & 3 deck levels and the block handover is planned to take place over the coming weeks (if all BCSR pre-requisites are in place).
- Final welding and PO1 outfitting of Catwalks SP08 & SP10 are progressing, as is the deck edge work required ahead of the aero thermal painting activities.
- Aft aircraft lift guide rails have now been installed and

- The drilling of the Lift Machinery Compartment seatings is now complete and those compartments will now move to blast/paint.
- SB03 to SB04 and CB04 (A to D) link-up integration work continues to progress. The scope and material availability issues at 8, 9 and 0 decks are jointly being addressed by Babcock & BAE Systems teams .

Tanks

- Last week the following five tanks, 0JB8 (Heel Correction Tank) ,0JX6 and 0KC6 (Dieso Tanks) and 0NZ8 and 9QZ8 (Sea Chests) were offered up for their Compartment Completion Inspection (CCI) with the Client. Subject to any minor defects needing addressed they should be signed off by the Customer.
- In addition to the above, the Port Bilge Tank has successfully completed its ITR-06 Air Test and presented to Lloyds for signing -off.
- Compartments 0MC0 (Dieso Tank), 0NC0,0NC6,0NC7, 0NY0 and 9NY0 (AVCAT Tanks) have all been offered up to Quality Control for their ITR-09 Blast Containment Inspection in way of steel mark -ups.

Shaft Programme

- The Port No.3 Shaft has now been successfully shipped into compartment 9PC4's Voith flanged coupling and awaiting Voith to press up, this has been provisionally scheduled for commencement in Week 09.
- The Voith in compartment 9QX4 has also been transferred onto the tail end of the No.3 Shaft and the shaft bearing in 9QX4 is being re-fitted.
- The rail system on the starboard side is currently being prepared for acceptance for No.1 Shaft
- On the starboard side, No.2 shaft has been driven on its slide-way to meet the deep seal area of the ship and modifications are underway to allow the shaft into compartment 9QX5 in order to enable the fitting of the Voith flanged coupling.

Hull Programme

- SSSL continue to progress with the Hull programme with the blasting complete on Block 03 from outer hull to boot top.
- Blasting has commenced on Block 01 and 02 from outer hull to boot top on completion of this these areas will commence their paint programme which is planned to be complete in April-14.

Damage Control Zone 3

- Aircraft lift aperture has been prepped, painted and had the scaffold broken in advance of the Platform lift date of 26 February 14.
- ITR Burn down rates are in line with the schedule with ITR4's complete for end February and ITR11 complete for end March 14.
- RAS refuelling points are now structurally complete in all areas with the double point receivers now fitted in 4H Port.

Damage Control Zone 5

- Final refurbished switchboard in compartment 6UB2 commissioned and handed over.
- Pipe testing has started in LB05
- 5 deck behind lining ITR has been achieved.
- CB05 Transom catwalks to be erected 25 and 27 February 14.
- Workscope assessment for proposed JAFAN alterations conducted with all parties to present feedback.

HMS Prince of Wales

Tyne

HMS Prince of Wales CB03:

- All units now erected for ring L and welding continuing to consolidate the units
- Ring LK join up nearing completion and insulation and vent install has begun ahead of the move down the west quay
- Ring K outfit is progressing well
- Ring H and J are nearing completion and PreCHOIs begin next week



Merseyside

HMS Prince of Wales CB02:

- G ring 2 deck starboard unit lifted, turned and weighed, now erected to berth (see image below).



- G ring 2 deck port structural dry survey completed and is due to be lifted, turned, weighed and erected to berth at the weekend.
- Painting, insulation and outfitting continues to ring G 4 deck compartments .
- HPSW and vent pipe work in G ring 3 and 4 deck compartments continues.
- PO1 inspection G ring centre unit compartment 2GB0 passed.
- Works continue in prep for structural dry survey to ring. F 4 deck centre unit which is due to commence next week.
- Ring F 2 and 3 deck bulkheads being erected onto deck panels continues.

HMS Prince of Wales CB04

- Fabrication of bulkhead deck plates for CB04 ring A.
- Preparation of load out equipment for Care and Protection for CB04.
- Manufacturing of pipework continues for CB04.

Portsmouth

HMS Prince of Wales LB02:

- Tank testing is now at 75% complete with 9EX0 having been tested and passed off last week.
- 9EX4 & 9EX5 have been prepped for testing early this week moving towards completion on E ring. Deck screeding will be able to complete throughout the deck areas on tank tops.
- Work is ongoing with fitting of transportation cruciform along with the Pilot Stations on the Aft end of G ring, and next week C ring Pilot Stations will commence.

- Cabins are going into final positions on E ring and passageways are clearer allowing services and systems to complete.
- Work is nearing completion to clear all hotwork for the end of February to meet the Milestone, and we have completed more CHOI's taking the total to 47

HMS Prince of Wales CB02:

- Unit C230 has now been lifted onto place on C ring and consolidation is now underway (image below). This has coincided with achieving structural completion on C ring 3 Deck.
- HB Hydraulics maintains great progress – Achieving 125 101's last week across rings A and B which is in line with the plan.
- All Behind Lining Inspections (BLI's) have been achieved on ring A in way of cabin installation scheduled for next week. All cabins have been delivered and currently being prepped for installation.
- Painting activities on ring B 3 deck have now completed and have opened up work faces for outfit to progress.
- 6 compartment handover inspections re scheduled for next week ahead of plan, which will be the first for CB02.



Govan

HMS Prince of Wales LB03:

- A care and protection audit by the customer was undertaken this week with satisfactory rating, highlighting a continued improvement in protection and housekeeping across the block.
- The main focus on LB03 continues to be the compartment handover inspection (CHOI) programme. The programme is progressing well with seven CHOIs achieved week 7, taking the total achieved to date to 469 (90% complete).

- Last week 15 compartments have been inspected, which included one highly complex Air Treatment Unit compartment, the large Junior rates dining hall and two galley cool rooms.
- Ticon are now coming to the end of the scope of ceilings and linings, across the critical area of 5 Deck.
- Imtech are closing out their scope on LB03, installing 58m of vent this week.
- SSSL are coming to the end of the spray paint programme and are preparing to gloss coat the starboard stabilizer compartment this week and have handed back the port side stabilizer.
- All pipes have now been mechanical audits on the block and only 198 now remain to be pressure tested. BBES continue to surpass the LB03 cable meterage target by reeving a further 634m, taking the cable total to 6km over target and BAE's electricians continue to progress with the termination programme now 91% completed.

HMS Prince of Wales LB04:

- Highlighting the emphasis on Quality, over the last few weeks within the fabrication area, six unit inspections have had 'zero observations' recorded. This included one double tier wing unit.
- To date 148 units (94%) have gone through the Preparation area with 137 units (87%) having progressed into the fabrication stages and there are now 114 units (73%) erected in the SBOH.
- Last week also saw the successful assembly of a further three units (LQ47, LM30 & LN45) and there were three dry surveys achieved on units LN37, LM10, LM28. This leaves four units remaining on ring Q and 5 remaining on ring P.
- The Outfitting continues in the 6 deck cabin areas with pipe testing now complete in ring R and S. The installation of the vent systems is currently progressing well and is allowing the insulation into the area in advance of the plan.
- Cable pulling continues to perform well in these areas with the planned value of 1764m against an installed value of 7534m, a really good start to this critical activity on the block.
- The installation of pipework and HVAC on the block continues positively with more than 7322 pipes now having been fitted against a planned figure of 6419 pipes and 625m of vent installed against a plan of 225m vents.