

24 March 2014

## News

### Naming Ceremony Filming

Over the last week, filming has been taking place across ACA sites in order to hear stories from some of the people who have contributed to the Carriers. Last week the team visited Appledore, Bristol, Newcastle, Liverpool, Rosyth and the Clyde with Portsmouth and Frimley scheduled to be visited next week. Thank you to everyone who took part in the filming.

### Rosyth Visits

On Wednesday 19 March, Rosyth saw Prince Michael of Kent visit where he learnt more about the programme and met with employees of the Alliance to understand the contribution they have made to the Carrier. (See below).

On the same day as our royal visitor, Ed Miliband MP was also on site ahead of the Scottish Labour Party Conference. This was a private visit but was picked up by the Daily Record (see bottom right).



## Spotlight on...

### ACA Improvement Programme Launch

Following the detailed assessment we have carried out to identify the biggest opportunities for improvement on the ship, we are now moving into the implementation phase of the programme. Over the last two weeks, the programme structure has been designed to provide the appropriate support and controls to ensure the opportunities identified can be realised successfully.

It is important everyone has the opportunity to find out more about the assessment phase and understand the vision for the improvement projects. To communicate this information to the whole ACA workforce we will be using a number of different methods over the coming weeks, including newsletters, noticeboards, toolbox talks and a roadshow event on the ship which will provide the opportunity to learn more about the programme and ask questions.

As you receive these updates and attend the roadshow over the next few days and weeks, please take the time to understand the proposals and ask questions. This is a hugely important programme and your involvement and support is essential towards helping us deliver the improvements required.

If you would like any further information please contact Lindsey Sutherland (07973 666441) or George White (01383 422 323).



# HMS Queen Elizabeth Rosyth

## HMS Queen Elizabeth LB04:

- There has been further good progress on the formal CHOI (Compartment Handover Inspection) programme with 19 compartments washed up and signed off by the ACA. Included in this are a further 10 compartments on 4 deck leaving a remaining four compartments on this ring deck to achieve.
- Completing the CHOI scope in these areas has enabled the integration scope to commence and the cable pullers to advance commissioning paths which are required pre flood up.
- The other nine compartments signed off are located in rings M, N & P. Included in this number are two pipe passages, two passageways and a large section of the ring deck 5P comprising of the SR's Dining Hall and the Scullery SR's.
- The focus going forward has moved from CHOI to CCI (Compartment Completion Inspection) achievement.
- All trades are working to achieve the required pre-requisites in the first compartments in the schedule, with any issues logged and actions allocated to remove any of the engineering or material blockers identified.

## Tanks

- The CCI Programme has progressed well with the total now at 28 of 173 compartments accepted and signed off by the Client.
- An additional four tanks went through their CCI this week – 0CX0, 0LC0, 0LC6, 0LC7. Positive feedback on the standard has been received prior to the wash-up meeting on Thursday 20th March, where the tanks are expected to be signed off by the Client.
- 8TC0 is scheduled to complete shot blast containment on Friday, whilst 8TC6 and 8TC7 have been blasted and are scheduled for inspection by Quality Control over the weekend. 0MY3 is due for its final paint inspection.
- 9SA6 and 9SA7 have been painted and will be inspected on Monday 24th where it is expected for this to be successfully achieved and ITR 12 signed off.

## Shaft Programme

- All shafts are fitted and Voith Engineers are gearing up to fit the last two tail shaft couplings by Sunday 23 March.
- All shafts have been set up to top dead centre position internally and externally.

## Hull Programme

- The first coats of unique has commenced on the outer block bottom to boot top of Block 02, this will continue to progress over the weekend.

## Damage Control Zone 5

- Two winches have been fitted in compartment 4TC8.
- 256 ECR's have been completed to date.
- Three off Mooring Deck panels fitted for flood up.
- Distortion rectification on 7 deck using the Terex machine has now been completed.
- 560 P01 items were fitted last week.

# HMS Prince of Wales Tyne

## HMS Prince of Wales CB02:

- Ring L was moved into the paint cell over the weekend, this is the final ring to leave the Fabrication Shed and over the next two weeks all compartments will be painted before movement to the West Quay.
- Ring LK insulation and routed systems are progressing well.
- PreCHOIs have begun in ring H, J and about to start in ring K.
- These are progressing well with minimum NCs, setting the block in a good position ahead of the final CHOIs beginning at the end of the month.
- The block handover team were onsite this week and a DQAFF audit was undertaken on MSC inputs to the pack.
- Both left with a favourable impression of the block and its progress.

## Merseyside

### HMS Prince of Wales CB02:

- Painting, insulation and Hilti second fix equipment supports continues to all decks for CB02 G ring.
- Readiness preparations for PO1 inspection G ring 3 deck starboard unit compartments 2GV9 and 2GB9 scheduled for week 1413.
- Goliath Lifting lugs for CB02 G ring being erected and surveyed and alignment checking being carried out.
- Paint complete within G ring 2 deck centre section compartments 2GC0, 2GY0 and 2GZ0.
- F ring 4 deck starboard unit greens being cut prior to erection to berth.
- F ring 4 deck port unit structural dry survey complete ready for lifting, turned and erected to berth at the weekend (see below).
- F ring 2 and 3 deck bulkheads and T girders erection onto deck panels continues.
- Installation of Class 1 system into F ring 4 Deck units continues.



### HMS Prince of Wales CB04:

- Erection of T girder and bulkheads to deck panel for CB04 A ring port and starboard units
- Manufacturing of pipework continues for CB04

## Portsmouth

### HMS Prince of Wales CB02:

- Structural inspection for C231 is scheduled for 20 March 2014. This will achieve structural completion.
- Achieved 11 CHOIs (Compartment Handover Inspections) on A ring, totalling 17 which is ahead of plan.
- Pipe installation remains ahead of plan. HB Hydraulics maintains great progress installing a further 150 pipes last week.
- Work on the mega block lifting arrangements is advancing well on both rings A and B.
- Cable reeving on ring A maintains good progress. 1926m have been pulled and plan is being achieved.
- An Executive Process Confirmation walk-around and a Care and Protection audit were completed with no outstanding actions.

### HMS Prince of Wales LB02:

- Tank testing is progressing well with tanks in 0GA4 & 0GA5 completed this week. The tank in 0DX2 is scheduled for testing next week followed by Lloyd's inspection.
- Port side pilot stations have been fitted. The forward station is complete and the aft due to complete this week. These were reviewed following a successful transportation meeting ahead of load-out. Starboard side pilot stations are received and are being installed. This will enable the forward bulkhead on ring C to be painted which will advance the CHOIs for that area by several weeks (see below).
- Pipe fitting continues with 242 pipes fitted last week. 10760 piped installed in total.
- BBES cable reeving is progressing well. 11,880m were installed last week to give a total of 180k installed.
- Four further CHOIs were achieved taking the total achieved to 55.



## Govan

### HMS Prince of Wales LB03:

- The CHOI programme is continuing to progress well with five CHOIs achieved in week 1411.
- The the final 10 CHOIs are expected to be closed week 1412 including the ring K pipe tunnels, JR's Scullery, service trunk, pipe passage, the lower auxiliary machinery space, two large stores and general purpose heads.
- All of the alliance partners have been working well together to achieve 506 out of 520 CHOIs to date. The outstanding four CHOIs will be completed post week 1412 when the access inserts are re-installed as part of the block transport programme. This will bring the total CHOIs at handover to 520.
- Alliance partners Ticon, Imtech, SSSL and Balfour Beatty have now completed their respective scopes and 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.
- The mechanical pipe audits and pressure testing programmes have now surpassed the baseline scope and any remaining work is now a result of change. BAE Systems' electricians continue to progress well towards completion with 55,656 terminations completed and 25,521 cable cores check wired to date.
- The electrical team are now beginning to focus on the completion and sign off of ITR-103s for electrical devices, to date 1415 ITRs have been closed out.
- Now that the majority of build scope is complete the focus is moving onto closing out the last few CHOI's, NC clearance, implementation of change and preparation for block transportation and handover in July 2014.

### HMS Prince of Wales LB04:

- Last week another successful care and protection audit was completed. with more and more equipment being fitted on the block it is essential that protection of equipment continues at this high level to ensure that no damage occurs.
- To date 155 units (97%) have gone through the preparation area with 146 units (91%) having progressed into the fabrication stages and there are now 124 units (79%) erected in the Shipbuild Outfitting Hall. This week three units were successfully erected (LP49, LN15 & LN52) and three dry surveys were completed (LP16, LM31 & LN44).

- From a planned figure of 292 hot work inspections, 213 are now "Barcoded" in the CMS system, 40 have achieved a partial inspection, six have been returned to the build team to clear the minor observations and 11 are with Quality Control for inspection.
- Another 22 cabins were successfully delivered and lifted onto the block last week. Work will continue to move the cabins and wet spaces into final position and secure them once the access panels have been reinstated. The outfitting in the remaining cabin areas in rings P and Q continues to make good progress, with hot work, pipework being the main focus.
- The paint programme has taken another step forward with preparations underway throughout 5S.
- 5R and the 6 deck stairwells are now approaching completion which will allow other trades to move into the area and complete the remaining scope of work.
- The installation of pipework on the block continues to perform well with 8382 (45%) pipes now having been fitted against a planned figure of 7474 pipes and 1077 pipes have been tested against a planned figure of 880 pipes.
- 927m of vent is now installed against a planned figure of 408m. Cable install is continuing well and still currently sitting ahead of schedule by 8196m.