

News

LB03 Internal Milestone

This week the team on LB03 reached an internal milestone of achieving 260km of cables installed on the block. Daniel Willshire, QEC LB03 Project Manager, said "This is a fantastic achievement, not only for Balfour Beatty, but also all other trades in opening up access to areas early which has been key to the early achievement."

SHE

On LB03 there have been no first aid treatments or recordable accidents on the block, continuing the positive trend of no lost working day cases on LB03 since April 2012.

Similarly LB04 has had no lost working day cases on the block to date.



Spotlight on....

Liz McEwan, Commissioning Engineer



Where did you start your career?

I started working for Babcock International in Rosyth four and a half years ago as an electrical fitter apprentice. I started working on the small boats and frigates. I worked on HMS Illustrious when she was in and then on QEC.

You recently won an award, what was it for?

A couple of years back a group of apprentices (including myself) was approached to do a presentation on health and safety for the industrial best practice group, after doing it we decided it was something we wanted to keep doing. A group of 10 apprentices started the Apprentice Health and Safety Forum, meeting monthly to discuss H&S ideas and answer any questions apprentices may have. Due to my work within Health and Safety I was nominated for the Outstanding Apprentice Achievement Award from Babcock International. The ceremony was in London and I had to give a presentation about H&S at Rosyth, our performance and statistics within the forum. I was presented the award by Kay Adams and Fred MacAulay.

Have you seen a difference in attitudes towards H&S?

Definitely. When I first started here no one carried out a POWSA, we just turned up to work and started our jobs. Now there is a real focus on safety and ensuring we are carrying out our job in a safe manner. The 'Home Safe Everyday' motto we have at Rosyth is really powerful as we all want to get back to our families safely after our work.

What is next for you?

I will be presenting at an event in Glasgow about Scottish Hazards. I will be speaking to safety reps and union reps about things that are happening on the shop floor. I would also like to get involved as an advisor to the Apprentice H&S Forum to help keep the momentum going.

What do you do in your spare time?

I have a son of ten who keeps me very busy. He loves history so I spend my time taking him to museums and castles.

HMS Queen Elizabeth

Rosyth

HMS Queen Elizabeth LB04:

- On LB04 last week 16 compartments were signed off by the customer. Included in this are 12 compartments in the 5M medical complex, three in 6P and an EDR in 8N.
- This week a further four compartments in the medical complex are scheduled to be put through their prerequisite behind linings inspections ahead of their compartment inspections.
- The pipe testing team are continuing to work ahead of the inspection programme with circa 250 pipes forecast to be tested.
- The shaft installation programme has continued to progress with the A- brackets now in position ahead of welding.
- The heat treatment process has commenced on the prepped steelwork with welding scheduled to start this weekend.
- Internally, initial chock height data is being collated ahead of work commencing on the Ship.
- A provisional date for verification of the line of site has been agreed with Rolls Royce with final positioning of the main machinery planned to meet this milestone.

Tanks

- Compartments 0TA0 and 0RA0 successfully pass their ITR06 Air Test. These are positioned in LB05 and are commonly referred to as the Skeg.
- SSSL offered two Compartments to quality control for inspection this week after the completion of their blasting programme, they were 0EB2 (Avcat Recovery Tank) and 0FY0 (Avcat Tank).
- Compartments 9EX5 and 0EX5 the Avcat Tanks in LB02 were fully painted and the reinstating of the cut outs in underway.
- This week Engineering inspected and passed 11 Tanks to full DISR (Design Intent) status. This takes the total to 75 with full DISR approval. They also reviewed another two Tanks, 0BX0 (Ballast Tank) and 9FZ (Dieso Tank).

HMS Prince of Wales

Portsmouth

HMS Prince of Wales LB02:

- Shot blasting and painting of three tanks in G ring is progressing well and is expected to finish ahead of schedule.
- Structures and Hotwork on rings F to G and E to F join ups are now complete.
- Dry surveys commence on ring G, E and F in preparation for handing over to paint.
- There are now 6,682 pipes installed.

HMS Prince of Wales CB02:

- Unit C210 has been erected on ring B build line.
- An ACA Milestone has been achieved ahead of schedule by unit 205, the final unit of ring A, being moved to hall B- see image below.
- Units C230 and C233 are progressing well in the Steel Production Hall.
- Painting has commenced on ring A, 3 and 4 deck.
- Six PO2 (Hotwork) inspections were completed successfully on Ring A.



Govan

HMS Prince of Wales LB03:

- The main focus this week on LB03, remains the compartment handover inspection (CHOI) programme which has been progressing well with 25 achieved in week 42, another 25 achieved last week with a further 24 to be inspected this week.
- All of the tanks have now been air tested and the stripe coating is almost complete in ring L, this will allow the tanks to be submitted for CHOI.
- This allows the last double bottom tank to be put forward for CHOI next week which achieve the internal milestone for "Complete CHOI inspection for all double bottom tanks".
- Last week 278 spools were mechanically audited with a further 452 spools pressure tested.
- Progress on electrical scope continues with 6,818 metres of cable installed, bringing the cumulative total to 260,350 metres.
- Following on from this 1,176 terminations have been completed this week and over 14,982 cores checkwired to date.

HMS Prince of Wales LB04:

- To date there are 118 units in preparation with 105 in the subsequent fabrication stages and 80 in the shipbuild outfitting hall bays 1 and 3.
- This week LS89 was erected and LQ37 is scheduled over the weekend. There was also the successful dry survey of Unit LR48 this week. This means that over 50% of LB04's units are now erected and rings R and S are now structurally complete with all units in place.
- On ring M the preparations for the Diesel Generator (DGs) Installation are drawing to a close. The lock out twenty three tonne Lube Oil Module has arrived this week and will be fletted into position before the DGs are delivered.
- The opportunity is being taken between now and the delivery date to complete additional work-scope on the upper section of 9 Deck prior to the DG's being lowered into position.
- Mechanical pipe inspections have now started on the block over the last two weeks, which in turn will allow the focus to move towards pressure testing.

Tyne

HMS Prince of Wales CB03:

- Ring J (below) was moved down the West Quay over the weekend and has been butted up against ring H.
- Over the next few weeks the two rings will be faired and welded together.
- Outfit continues on both rings with pipe, cable basket and HVAC being installed.
- Only one unit remains to be lifted into place for ring K.
- Ring LK bulkhead erection has begun.
- Ring L plates are now on the panel line.



Merseyside

HMS Prince of Wales CB02:

- The first ring G units(3 deck-below) were moved into place on the transportation grillage over the weekend.
- These will now be welded and remain in place until the 2 deck units are lifted on top of them.
- The 2 deck units are progressing well with the bulkheads being erected, faired and welded, and the flight deck plates are on the jigs.
- Work has started on ring F.



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