

News

Anchor Chain Delivery

Last week the anchor chains for HMS Queen Elizabeth were transported by road via seven heavy goods vehicles from the Central Warehouse in Wincanton to Rosyth. The chains which weigh in at 162 tonnes for Ship 01 had been stored at the central warehouse instead of the manufacture which saved the programme over £65k for the two chains.



Our People

Our eighth people profile is now available to watch online [here](#). This week's profile features Peter Craig.



Spotlight on...

AIM Supply Chain Work Stream



In recent weeks, programme AIM has been working closely with stores to identify the most popular Hilti basket, channel and ladder items in order to have these items in an easier and more efficient location. We have now established a trial Hilti store on the Hangar Deck, LB04 which stocks the six most popular Hilti parts (based on last three months' usage):

Part Number	Description
40043194	Basket Tray_CF50_50mm
40029443	Channel_41x41_Thk_2_L2_Mild Steel
40033809	Basket Tray_CF54_100mm
40029435	Channel_41x41_Thk_3_L2_Mild Steel
40029450	Channel_41x41_Thk_2_L0.7_Mild Steel
40033813	Basket Tray_CF54_200mm

This store is free issue, with stock levels being monitored by the mobile stores. Please encourage use of the store. As this is only a trial at this stage. Its success, and full roll-out, relies on a team effort from stores, site services and production. The store is unmanned, so needs to be kept tidy and waste kept to a minimum. Please ensure off-cuts are put into the Quarantine Zone (LB02).

Please communicate all of these messages to your teams. We hope you will support this initiative and encourage feedback of suggestions or improvements to me through e-mail (Anthony.Butler@newtoneurope.com) or telephone (07929 413 327).

HMS Queen Elizabeth Rosyth

Tanks

- A total of 77 compartments have been inspected out of the 173 within the tank programme; 66 have been formally signed off with a further 15 handed to the client awaiting signature.
- Last week six Compartment Completion Inspections (CCI) were achieved with 10 closures to CCI standard. Only two air tests remain (compartments 9RC6 and 9RC7) and these will be achieved this week.
- Also last week, chain lockers were hydro tested.

Shaft Programme

- The first set of rope guards that were removed from the dock bottom to the external paint cell have been fully coated and have been returned to the ship for fitting when access is available.
- Intermediate shafts between propulsion motors preliminary fitting is now underway. First stage of this process will be complete by 22 May 2014 and will be continued after flood up.

Hull Programme

- Painting of the topside areas has continued in damage control zone 1 and is overall 86% complete.
- Work on sponson 1 and 3 is now 54% complete with sponson 2 and 4 sitting at 32%. The remaining sponsons are also well underway.
- At the aft end of the vessel work has continued i.w.o. the external shaft area. Also the paint team is making good progress in the boot top down areas of LB04 and LB05 and is forecast for completion 24 May 14.

Damage Control Zone 1/2

- A calling notice for transformers rooms CCI has been submitted to quality control (QC).
- Chain lockers hydro test has been achieved.

HMS Prince of Wales Merseyside

HMS Prince of Wales CB02:

- CB02 F/G hotwork inspection undertaken in compartments 2GZ2,2GC0 CB02 G.
- Also hot work inspections have taken place on lift shaft 7GZ8 CB02 G
- Construction monitoring surveys CBO2 F stbd unit C224.
- Axilock alignment survey 3GB6 transient tank vent systems.
- Erect to berth unit C234 CBO2 Showing care and protection of equipment (photo)
- Further pipe shop pressure testing of Inergen system spools CB04.
- Fire insulation survey CBO2G zone 7G.
- G ring flight deck cleared and prepared for load testing of link pates.
- Sytems,hilti,ducting and electrical equipment being installed in 14 compartments of CBO2 G.
- Preparation and painting of PO1 zones 2G & 12G.



HMS Prince of Wales CB04:

- CB04 A-Structural dry surveys of CBO4 A unit 03 & 05.
- Fabrication of piping systems and seats and supports continues for CBO4 units.

Tyne

HMS Prince of Wales CB03:

- The structure is now complete and passed off for all rings in CB03.
- Ring L has been moved into its final position and all rings are hard up against each other to allow work to continue across the block
- 65 CHOLs have now been completed on the block and the process has begun to capture these on the CMS.
- CHOLs are now moving into Ring LK
- The painting of ring L port to starboard join up is ongoing ahead of the final insulation install.
- The port and starboard compartments of ring L are now insulated and routed system install has begun.



- Cable installation is nearing completion with 235,000 metres installed.
- G ring port and starboard pilot stations are now installed.

HMS Prince of Wales CB02:

- The external paint programme continues to make good progress. C ring painting is underway and set to be completed this week (see below).
- Pipe testing is progressing well and expected to increase as C ring is being opened up for fit out. A further 114 pipes were fitted, 197 101s and 100 108s were completed. A ring CUNI pipes are now complete.
- Outfit on CB02 B and C ring continues at pace allowing cable installation to approach completion.
- The equipment installation program remains a focus and is allowing the termination schedule to remain ahead of plan.
- C ring 3 deck continues to be targeted. First and second fix is largely complete. ATUs, transformers and switchboards now shipped on board and outfit due to complete ahead of cabin deliveries in week 22.



Portsmouth

HMS Prince of Wales LB02:

- The CHOI plan remains ahead of schedule. 127 CHOLs have now been completed.
- Good progress is being made on painting. Flat bottoms are now complete. The first coat has been applied to the port side rings C, D and E, and starboard side rings C and D.
- 4 deck rings C and D have also been painted and protected.
- The pipe program continues to make excellent progress. 196 101s were achieved and 466 108s. In particular the 9501 'AVCAT Filling and Transfer' pipe system has been achieved and this now opens up many areas for CHOLs.
- Electrical equipment installation is progressing and terminations are on-going with 38,800 cores terminated to date.



Govan

HMS Prince of Wales LB03:

- A care and protection audit was undertaken this week by the customer and the block was given satisfactory rating, in particular highlighting continued housekeeping and control of CHOI compartments across the block.
- The team's focus on implementation of change continues with a target to implement all change released prior to the change cut-off date of Friday 18 April.
- Alliance partners Ticon, Imtech, and Balfour Beatty 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.
- SSSL have completed a large change involving the shot-blasting of the outer shell, following which the production team have been refitting the sea tube valves and isolation kits. The full engineering change request is expected to be completed and verified by quality control next week.
- Both the port and starboard inserts are now in place, allowing paint and insulation work to continue in the stairwell compartments inside the ship. The CHOs for the shell areas outside of these compartments have now been signed off, with only the two stairwell compartments remaining to CHOI. These inspections will take place this week. The operations team have communicated that due to the completion of the shell inserts and the ongoing watertight integrity work, the access and egress points for the block have been largely reduced and have conducted a safety review altering all emergency exit signage accordingly.
- The watertight integrity programme is progressing well, with the weather-tight bulkhead plates now installed on most of the aft face of the block and work continuing on the forward face.
- Balfour Beatty and BAE Systems are also continuing with the watertight sealing of glands and penetrations. Successfully completing this work is essential to the transportation process and continues to be a major activity leading up to block roll out on the 13 July 2014.
- Preparations for the weighing of the block have been taking place this week with Henry Abrams on site and being supported by the BAE Systems operations team.
- This is a crucial activity as the project prepares for block load out and transportation to Rosyth.

HMS Prince of Wales LB04:

- The quality journey continues to improve on LB04 with the first steps in removing the need for an internal inspection conducted within the fabrication area. Over the last few weeks the teams have been coaching and working with the teams to reduce the common observations that are raised during this inspection. This has proved successful and we will look to roll this out to other areas.
- With the preparation area complete and the units moving into the fabrication area, the focus within this facility is now on the countdown of the final units. The final four units are within the fabrication area and are on plan to be delivered to the SBOH by week 1422.
- This week has seen the further successful erect of three units leaving only six units to erect on LB04, moving closer to another one of our major event in the programme this year to have all units successfully erected on LB04 by week 1423. Two dry surveys were completed this week within LM44 and LM57.
- Last week saw the first of the cabin accommodation areas within rings P and Q painted allowing the HVAC and cable installation to get underway with the remainder of the compartments painted this week on the starboard side in preparation for the cabins to be delivered in Week 1422.
- Both pipe and electrical terminations on the block continue to strive, with currently over 700 pipes installed ahead of plan and over 7000 terminations. HVAC and cable install also continues well with HVAC sitting circa 500m ahead of the plan and cable installation circa 17km ahead of plan.
- This week has also seen our ninth successful care and protection audit on the block. A fantastic achievement for all involved, continuing with the 100% record on the Block for these audits. This is critical to drive a safe working environment for all parties on board Lower Block 04.