

News



The SPN-41 sponson was successfully lifted and welded into position on the stern of the ship. This marks a massive achievement from all elements of the ACA; to take a concept design from start to finish within six months. The MOD granted a Limit of Liability in November 2013 to progress the rapid installation of the sponson before the ship floats up and leaves the reach of the Goliath crane. Since November, the ACA has generated detailed designs, structural finite element analysis and calculations, whilst working with Lloyds register for approval and build certification. The sponson and enclosure will eventually receive the SPN-41 Instrument Carrier Landing System a vital component to the safe recovery and landing of the Lighting II aircraft which was identified as a critical design requirement following the decision to revert to STOVL aircraft. A huge congratulations to all involved for their hard work in achieving this milestone within the time constraints.

Our People

Our tenth people profile is now available to watch online [here](#). This week's profile features Martin McColgan.



Spotlight on... Children's Prize Draw

Over the last month, the Aircraft Carrier Alliance has been running a competition for employees and Ship's company to enter their son/daughter/grandchild etc. into a prize draw to present Her Majesty, The Queen a posy of flowers at the Naming Ceremony of HMS Queen Elizabeth.

The competition is now closed and we are pleased to announce the winners:



Emilia's father, Dale Megson, has been part of the Ship's company based at Rosyth for the past year.

Harrison's grandfather, John Bathgate, works for Babcock at Rosyth.

Both families were extremely surprised, and pleased, to be chosen from the prize draw. Dale Megson said; "I'm really pleased that she's been given this opportunity to be involved in the naming ceremony, more for her than for me. She's always asking to come to work and now she's got the chance to be a big part of it."

HMS Queen Elizabeth Rosyth

Tanks

- Last week a further five compartments were inspected, closed and signed off by the client.
- The Air Testing programme is now complete after 9SC7 was achieved. Compartment 8TC7 SW (Ballast) tank was signed off and is ready for flood up.
- Chain Locker compartments 6BA2 and 6BA3 successfully passed their hydrostatic structural inspection and were signed off by the client.
- Ballasting work is due to commence this week with fresh water tanks ODX2 and ODX3 the first compartments to be targeted.

Shaft Programme

- Propulsion Motor Connecting Shafts: Aft motor connecting shaft is fully bolted out port and starboard – all bolts tensioned. Forward shaft port and starboard to be completed after flood up.
- Concentricity checks underway with completion of port and starboard scheduled for the end of last week.
- Shaft equipment (coupling covers/rope guards) being lifted into the dock and prepared for fitting.

Hull Programme

- Painting of the topside areas has continued in damage control zone 1 and is overall 99% complete.
- Work on the sponson's is progressing well with SP01-SP05 & SP07 averaging 75% completion.
- At the aft end of the vessel work has continued i.w.o. the external shaft area and the paint team is making good progress in both the boot top (LB04 99% / LB05 80%) and boot top down (LB04 98% / LB05 95%) complete respectively.

HMS Prince of Wales Merseyside

HMS Prince of Wales CB02:

- Insulation on piping systems, duct and electrical equipment continue to be installed into ring G.
- The structural alignment checks continue on ring F
- Seats supports and penetrations being installed on 4 deck F ring.
- G ring flight deck preparations for protector peel coatings.

HMS Prince of Wales CB04:

- CBO4 units 01 and 02 being erected to berth.
- Systems and seats being fitted to these units.

Tyne

HMS Prince of Wales CB03

- The forward rings of the block are nearing completion with 76 CHOs now achieved between ring H and LK.
- Pressure testing began on the first six test paths in H ring.
- The port to starboard join up for ring L was painted last week and was insulated over the weekend allowing the routed systems to be installed.
- The mission systems team were onsite last week to view the progress on the block and left with a positive impression.

Portsmouth

HMS Prince of Wales LB02:

- The CHOI plan is progressing well with 153 CHOs now completed.
- Good progress continues to be made on painting shell and 4 deck.
- The pipe program continues to make excellent progress. 343 101s were achieved and 542 108s.
- Electrical testing has commenced with the completion of the first I-103.
- Electrical equipment installation is progressing with 84 items fitted last week and terminations on-going with 42,600 cores terminated to date.
- Cable installation is nearing completion with 238,000 metres installed.
- Weighing plan is well underway with a planned weighing date of the 15 June. Scaffold dismantling has now commenced to provide the access for the weighing equipment.



HMS Prince of Wales CB02:

- Ring A: Good Progress is being made on ring A CHOI plan with over 70% achieved.
- On rings A, B & C the CHOI plan is at 33 % overall achieved
- Ring B: Deck 4 has seen good progress on Pipex spools achieved with 50% Pipex install completed.
- The weighting strategy plan for rings A, B and c has been agreed with minimum impact on block progress.
- Over 16,000 cable reeved and over 90% of terminations have been achieved to date on rings A-C.
- Test and inspections on ring A to be complete by end of week 22.
- All Cuni Sleeves complete on rings A and B.

Govan

HMS Prince of Wales LB03:

- This week, the process of photographing the block in preparation for block handover continued, with the LB03 team joined by the Naval Ships photography team to capture the advanced status of the block.
- The implementation of change remains a focus 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 finalising work on 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 final two CHOIs for the internal stairwell compartments have now been passed and signed off, which represents a great achievement for the whole project team and our alliance partners.
- The watertight integrity programme is also 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 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.

HMS Prince of Wales LB04:

- Overall it has been a fantastic week for the LB04 team on the block, achieving two more milestones for the year. The first was 400 (60%) PO1's to complete by week 1422 has been achieved. After advancing the plan it has proved a challenging few months for the team to reach this target. A great drive and effort from everyone involved to support and make this happen. The team can't afford to rest just yet though, as the next challenge in the PO1 programme is to have all LB04 PO1s complete by the year end.
- The Last of the units have now left the fabrication area to the SBOH completing another milestone to have all units out of the fabrication area by week 1423, achieving this milestone a week early, again well done to all involved. (image below shows the proud team with the final unit)

