

ACA

Weekly Communication

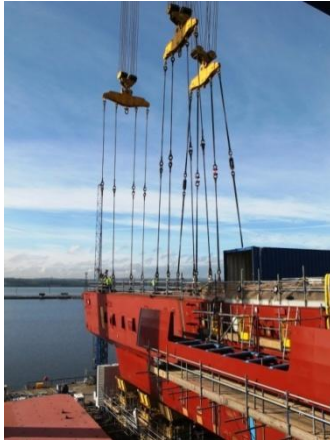
News

Final Spans Lifted!

In a week of major milestones for the programme, teams lifted the final sections of HMS Queen Elizabeth's flightdeck smoothly into place. On Tuesday 7 September 24 teams manoeuvred the 490 tonne SP12 section (below).



Then, just two days later, Goliath was back in action again, (right) moving the final section of flightdeck to the ship. A tremendous step forward for the programme to deliver the nation's flagships!



Spotlight on....

David Shepherd, Head of Ship 2

What was your first job?

I worked at my local Tesco taking in deliveries.

How did you get from there to where you are now?

After studying Mechanical Engineering at Strathclyde University I got a place on the BAE Systems Graduate Scheme. This included a placement on the QEC programme, and once I'd been there I didn't want to go anywhere else! Since then my roles on the programme have included working on the completions management systems and then as an Assistant Project Manager before taking on this new position of Head of Ship 2.



What's your biggest challenge?

As well as ensuring we pull through all the lessons learned on ship one to ship two, we need to make sure teams that are hundreds of miles apart can work well together. I'm laying the foundations for HMS Prince of Wales' arrival at Rosyth, so building the teams, plans and people so we can hit the ground running when the first sections arrive next year.

What do you do in your spare time?

I try and get out on my road and mountain bikes as often as I can, and I play guitar in the unofficial ACA band – available for booking now!

IPMS Progress

The Queen Elizabeth Class' Damage Surveillance and Control (DSAC) System has successfully completed its Factory Acceptance Test (FAT). This major milestone for the Integrated Platform management system (IPMS) was completed at the L-3 site in Montreal.

IPMS Technical Manager, Mervyn Williams, said: "Now this test has been completed the DSAC will be delivered to the UK for integration by L-3 prior to delivery to the ship next year.

"DSAC gives operators situational awareness by bringing together platform sensors including fire and flood and those from the Mission Systems such as cameras and aircraft management. This represents the culmination of many years hard work and some truly excellent teamwork between the Royal Navy, MoD, ACA, L-3 in the UK and in Canada."

Pictured are members of the Client Assurance, ACA and L-3 staff during the testing.



HMS Queen Elizabeth

Rosyth

HMS Queen Elizabeth LB04:

- 3 compartments are expected to be signed off by the customer following successful inspections.
- Next week it is forecast that 6 compartments in ring Q will be washed up.
- In ring Q a major structural ECR is forecast to be finished this week.
- Completion of this hot-work releases further scope in adjacent compartments and the main shipping route through to the decks below.
- On the shaft programme all shell I plates have now been bolted in position for use during shaft installation. There has also been further progress internally with the openings to accept the stern seal now cut and prepped. The stern seal adapter plate and deep sea seal have now been shipped into temporary position in the compartment ahead of schedule.,
- A shaft line progress meeting has taken place on site this week with representation from the ACA and our international partners (Rolls Royce/Voith).

Tanks

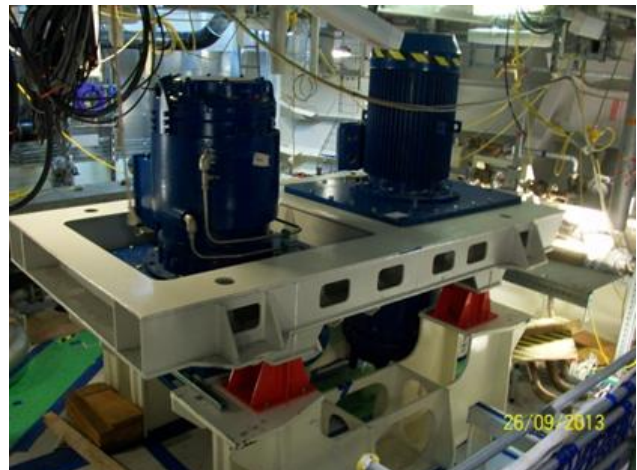
- One of the larger tanks at the forward section in LB01 successfully completed its Air Test (ITR 06) and is signed off by Lloyds.
- SSSL have continued to make good progress with the Blasting and Painting activities in a number of tanks.
- Compartments 0EX5, 9EY0 & 9EX5 (Avcat Tanks), 0EB2 (Avcat Recovery Tank), 0PA2 (Sea Chest), 0GC3 (Bilge & Sullage Tank), 0GY3 (B&S Waste Oil Tank) and
- 0GX3 (Dieso Overflow Tank) have all commenced painting and progressing to plan.

HMS Prince of Wales

Portsmouth

HMS Prince of Wales LB02:

- This week has seen all of the cabins installed into LB02, the final 4 shipped into C Ring, achieving an ACA milestone.
- The final lock out equipment has also been shipped into C Ring (see photo below) which is in readiness for the last join up on 14 October.
- Outfit continues throughout the available areas on the Rings with good progress.



HMS Prince of Wales CB02:

- There are 14 units in Hall A where the unit construction phase continues.
- Paint is progressing well on units C205 and C208 and hotwork is continuing on units C209 and C210 in Hall A.
- In Hall B consolidation of the units on the Ring A and B build and transportation grillages is continuing and hotwork is ongoing.
- Work is progressing well on the Ring B and C build and transportation grillages in Hall B.
- Unit C230 is in the steel production hall (SPH) preparation area and units C231 and C233 are on the panel line in the SPH.

Govan

HMS Prince of Wales LB03:

- Focus remains the Compartment Hand-Over Inspection (CHOI) programme which has been progressing well with 14 achieved last week .
- Good progress is also being made within the Cold and Cool Room in Ring J with Ernest West and Beynon and BAE pipe testing of the systems in this area.
- The 9 deck store is progressing well and the flooring has been completed.
- All the trades continue to working hard to ensure scope is completed. Last week 145 pipes were mechanically checked, with 222 pressure tested and a further 5km meters of cable was installed with a further 1800 termination completed.

HMS Prince of Wales LB04:

- 105 units are in preparation with 94 in the subsequent fabrication stage.
- This week 3 units were successfully erected - LP43, LP11 and LR87.
- This week saw the first Care & Protection Audit for the block take place. It achieved a satisfactory grading with the auditors commenting on the high standards of protection on the equipment and the general cleanliness of the block.
- Ring M&N Shotblast & Paint programme is nearing completion. The first compartment has been returned from SSSL allowing the installation of equipment to begin prior to the Propulsion Motor being installed.

Merseyside

HMS Prince of Wales CB02:

- Work continues 3 deck units for Ring G (C220 and C221) with the bulkheads being welded out ahead of inspection on the 3 deck jig.
- Ring G Flight deck plates are now on the jig and the plates are being welded together.
- The first seats manufactured have now been inspected and passed off.

Tyne

HMS Prince of Wales CB03:

- Ring H outfit continues with pipes, duct and cable baskets all being installed and equipment being positioned.
- Ring J Starboard side began insulating this week in 2 and 3 deck compartments ahead of the move down to the west quay.
- Ring J Port completed its painting in the paint cell.



- Ring K (Pictures above) now have the 2 deck units erected and are being welded to the transportation grillage.
- The flight deck units are now being welded out ahead of erection onto the block in October.
- The first Ring LK units moved up onto the stands and will begin bulkhead erection in the coming weeks.
- Ring L plates are being cut and bulkheads manufactured.