

17th February 2014

News

It is with great sadness the Aircraft Carrier Alliance announces the unexpected passing of Gavin Fyfe.

Gavin joined the Client team from Maritime Combat Systems (MCS) in July 2013, a move that allowed him to return to his native Scotland. In the relatively short time that Gavin was with the team he was recognised as a conscientious and tenacious engineer who



was well respected by MOD, Service and Industry colleagues alike. He will be greatly missed by all who worked with him, and our thoughts are with his family and friends at this difficult time.

BBC Filming

Caroline Wyatt, Defence Correspondent for the BBC, was in Rosyth with her colleagues on Monday 10th February. They were onsite filming for the programme 'The Editors' which focusses on UK defence. The programme is due to air on Monday 24th February from 23:20 on BBC One.

Wholeship BoM dashboard Upgrade

The upgraded BoM dashboard is now available from the Wholeship BoM [home page](#). The old BoM dashboard is also available from the [homepage](#). Please use the new BoM from now on and replace any short cuts you have to the old version with short cuts to the new one. The old Wholeship BoM will be removed in 4 weeks time, please use the time between then and now to re-create and save your reports in the new BoM.

The Wholeship BoM now contains Equipment (PDM), Cable (both within blocks and between blocks) and Pipe spools. Manufactured steel items will be added at a later date. For further information or any questions please contact Ian Lorimer or Paul Hampton.

Spotlight on...

ACA Announcement

I am pleased to announce the appointment of Sir Peter Gershon as Non-Executive Chairman of the Aircraft Carrier Alliance, with effect from 1 February 2014.



Sir Peter, is Chairman Tate & Lyle plc and National Grid plc. In his role as Chairman of the ACA, he will oversee the Alliance Management Board and the progress of the Alliance in delivering the two Queen Elizabeth Class aircraft carriers, which will be the nation's flagships.

This appointment is a significant step for the programme and follows the revised baseline and contract agreement secured in November. Sir Peter brings broad business experience gained in large and complex international organisations, having held various leadership roles in the UK private and public sector.

Sir Peter's appointment will help to increase the coherence and coordination between the ACA and the Ministry of Defence as the carrier programme reaches key milestones ahead of delivering these two iconic ships to the Royal Navy.

A handwritten signature in black ink, appearing to read 'Ian Booth'.

Ian Booth
Programme Director

HMS Queen Elizabeth Rosyth

HMS Queen Elizabeth LB04:

- The block completion status report audit process has continued with the Defence & Quality Assurance Field Force (DQAFF) on site to close out ring P and Q observations.
- Good progress was made with the final remaining actions scheduled to be closed out this week. DQAFF are scheduled to commence the audit process for ring M next week and also issue the formal report for ring N following last week's audit.
- Ahead of planned compartment inspections, operations have been working through the pre-requisite Behind Lining Inspections (BLI's). The two rec spaces in 6N are now scheduled to be signed off by Lloyds next week. These are the final two compartments in 6N and will be offered for compartment inspection week 9.
- This week it is expected that nine compartments will be washed up following successful inspections. Included in this are a service trunk in 8P and the AMS4 aft lower compartment in ring Q, 9 deck.
- The final two compartments to be achieved on 4 deck are now expected to be completed in the next two weeks following completion of a large structural ECR.
- In support of the inspection process the pipe testing team have forecast circa 150 spools to be tested this week.

Tanks

- This week 11 Tanks within rings D, F, J & K went through their compartment completion inspection (CCI) with the Client. This has been well received and the outcome from the wash-up on Thursday 13th Feb has seen six Tanks provisionally accepted by the client to meet the CCI criteria.
- In addition to above the Starboard Bilge Tank has successfully completed its ITR-06 Air Test and presented to be signed off by Lloyds.
- Compartment 9RC0 (Fresh Water Tank) was offered up to Quality Control (QC) for its ITR-09 Blast Containment Inspection.

- 9NA0 and 9NA4 (Dieso Tanks), 0PB0 (Grey Water Tank) and 9RC0 (Fresh Water Tank) have been offered to QC for ITR-10 Standard Blast Inspection and subject to any minor defects being addressed will continue on to SSSL to start their Paint Programme next week.

Shaft Programme

- Progression on the Shaft Programme this week has seen the Port Side No.3 Intermediate Shaft located in way of Compartment 9QX4 and the No.2 Intermediate Shaft set in to the shaft tunnel. The intermediate bearing casting has also been prepared for the aluminium bronze bearing liner (see below).
- Continuing on the Port Side, the Deep Sea Seal Assembly is at the preparation stage in order to be shipped into the shaft.
- Shaft No.2 on the Starboard side is being prepared for transition to the Deep Sea Seal Area.



Hull Programme

- SSSL continue to progress with the Hull programme with the blasting complete on Block 03 from outer hull to boot top.
- Blasting has commenced on Block 01 and 02 from outer hull to boot top, on completion of this these areas will commence their paint programme which is planned to be complete in April-14.

Damage Control Zone 5

- Catwalk for SP11 now erected.
- CB05 catwalks to commence on Monday 17 February 14.
- 28 officers cabins in compartment 6TCO in final position and fixed down.
- P01 volume target met for the week, 450 items fitted.
- Mooring deck flood up requirements progressing to plan with 12 outstanding issues being driven to a resolution by the team.

HMS Prince of Wales

Rosyth

Manufacture

- SP06 forward unit 12 was delivered to the Syncrolift Building on 10th February, with unit 11 on schedule for Thursday 13th. Units 11 and 12 for SP06 aft and units 14 and 16 for SP09 are in build in Bays 6 & 7.
- SP09 – unit 11 welding complete. Fitting of PO1's, penetrations, doors and HVAC coamings all continue. QC inspections of 4 deck PO1's continues.
- SP01 - unit 8 Fixed dimensional survey complete and welding of units 8-9 join up continuing. TICON studding of the unit complete apart from the join up. QC arranged for dry survey and Lloyds due week ending 14-7-14 for unit sign off.
- SP03 - unit 10 welding out is in hand and progressing well. Link plate and stanchion deck pad inserts are now being installed to the flight deck. Lifting pillar has been installed at frame 90 along with the associated collars.
- SP04 - unit 16 tying in is still progressing and is being partially welded out. Proud material is being cut from unit 15 and is being pulled into position prior to tying in. All fitted link plates to the flight deck have been welded out, with the link plates required for the secondary exclusion zone.
- SP05 – unit 12 now welded out and ready for inspection. Lloyds signed off a further three compartments last week. PO1's are progressing at a steady pace on 3 and 2 decks. Only a few PO1's still to fit on 5 deck and 4 deck.
- SP06F - Awaiting the arrival of units 11 and 12 from the shops which are due this week. Painting should complete on 4 deck this week. Panels now arriving for the manufacture of units 9 and 10.

Tyne

HMS Prince of Wales CB03:

- On ring L, all units are now erected and being welded out (image below).



- Hotwork inspections are due to begin 21/02/14 ahead of the paint cell window.
- Ring LK half unit welding on hangar deck and flight deck is ongoing, with insulation activities continuing in 2 deck port compartments.
- The installing of ring K routed system continues.
- Ring J is approaching completion with significant install already undertaken.
- Ring H has minimal scope left and will begin PreCHOI work on 17th February.

Merseyside

HMS Prince of Wales CB02:

- G ring 2 deck starboard unit lifted, turned and weighed, now erected to berth.
- Final stage of the hydrostatic pressure testing of class 1 Inergen system spools undertaken by Lloyd's Register.
- Ring G 4 deck compartments are being painted and insulated, outfit continues with pipes and equipment being installed.
- HPSW and vent pipe work in G ring 3 and 4 deck compartments continues.
- PO1 inspection G ring centre unit compartment 2GB0 scheduled for end of this week.
- Lift and turn of 50mm deck panel for unit 3 deck starboard F ring turned back to barring out position.
- Ring F 2 and 3 deck bulkheads being erected onto deck panels continues.

HMS Prince of Wales CB04

- Bulkheads now in fabrication and Deck plates being nested for CB04 PWLS
- Manufacturing of pipework has commenced for CB04

Portsmouth

HMS Prince of Wales LB02:

- The CHOI total now stands at 19 with steady progress. A further eight are planned for week 08.
- Tank testing is progressing through ring E. This will enable deck screeding to continue on E ring to further progress the outfit.
- Painting the final join up deck and bulkhead areas on C ring areas will complete early in week 8 ready for inspections.
- E ring aft cabins now finally fixed down allowing outfit to complete in passageways.

HMS Prince of Wales CB02:

- HB Hydraulics maintains great progress – installing a further 62 pipes on rings A and B.
- Preparation going well on ring A for the behind lining inspections (BLI's) in advance of cabin installation which is planned for week 9.
- Following preparations last week, paint spraying activities have now started on ring B - 3 and 4 Deck
- Unit C230, the final unit for CB02, has now moved from Hall A and joins Unit C231 in Hall B, where preparation for consolidation onto ring C is going well (image below).



Govan

HMS Prince of Wales LB03:

- The main focus on LB03 continues to be the compartment handover inspection (CHOI) programme.
- This is progressing well with nine CHOIs achieved last week (1406) taking the total achieved to date to 462 (89% complete).
- A further 15 compartments have been inspected which included two highly complex Air Treatment Unit compartments, a JR's scullery and two galley cool rooms. Next week a further 17 compartments are to be inspected.
- Ticon are continuing to push on with the progression of ceilings and linings, across the critical area of 5 deck, including complex areas such as the dining halls, galley and bakery.
- Progression of this scope allows electrical installation work such as smoke detectors, wall-mounted sockets and compartment lighting to progress.
- Imtech are continuing to progress well, installing 77m of vent last week, finalising critical areas such as ATU compartments and across 5 deck opening up areas for subsequent trades.
- SSSL are now coming to the end of the spray paint programme and are preparing to gloss coat the ring L 9Dk Store and have handed over the ring K pipe tunnels, which has allowed Ticon to progress with insulating and the electricians to progress terminations.

- To date 8,528 pipe spools have been mechanically audited and 8,188 spools pressure tested with the remaining scope to follow on post ECR work.
- BBES continue to surpass the LB03 cable meterage target by reeving a further 1371m, taking the cable total to over 278km and BAE System's electricians continue to progress with 52,275 terminations completed to date and 23,650 cable cores checkwired.
- The block is now three weeks from the targeted completion of CHOI's where after focus will then move to closing out change and transportation activities in preparation for the block move to Rosyth in July.

HMS Prince of Wales LB04:

- To date 146 units (93%) have gone through the preparation area with 135 units (86%) having progressed into the fabrication stages and there are now 112 units (71%) erected in the shipbuild outfitting hall (SBOH.)
- Last week also saw the successful assembly of a further two units (LN44 & LP16) and there were two dry surveys achieved on units (LN07, LP15).
- Work continues on the 6 deck cabin areas with R & S having been fully painted and all pipes installed.
- The focus now is on getting these areas ready for the cabin deliveries that are scheduled for early March.
- Rings P and Q cabin area units have now been assembled on the block and the outfitting scope of work has been started in these areas.
- As the work has progressed in the cabin areas, it has allowed the cable installation to get off to an excellent start, to date we have an achieved 6578 meters against a planned figure of 584m
- Pipe installation continues to progress well, 913 pipes have been fitted ahead of the plan, with 7069 fitted compared to 6156 planned.
- This has allowed the mechanical inspections to take place earlier with 762 now inspected against a planned figure of 596. Following on from this is the pipe testing, where we have now tested 587 pipes against a plan of 131 pipes.
- A series of meetings commenced in preparation for the HV switchboards arrival. These will ensure that the 26 tonne HV Switchboards follow on from the other major equipment already delivered and installed successfully on the block.
- All of stakeholders were involved in the process and a follow up meeting has been organised at the Central Warehouse facility next week to ensure the lessons Learned from the first ship are fully encapsulated.