

## News

### HMS Queen Elizabeth Centenary

To celebrate the centenary of the launch of the first HMS Queen Elizabeth in Portsmouth the current Ships' Company of HMS Queen Elizabeth undertook the challenge of completing the 40 mile run covering both Bridges over the Firth of Forth. Seven runners completed the event to commemorate the day and to also raise money for the RNRMC. Lieutenant Chris Bugg said; "The whole team rose to the challenge and really enjoyed the event, and although it was a long day it was for a great cause in the Royal Navy and Royal Marines Charity."



### Ring C Join Up

On Tuesday 15<sup>th</sup> October, LB02 in Portsmouth reached another ACA milestone with the join up of ring C to the rest of the block (see image at bottom of back page). The move went very smoothly and quickly. Work now continues on welding the ring to the block as we as the continuation of structural consolidation on all areas.

### Mast Cap Installation

This week the mast cap was successfully erected onto the Block in Rosyth (see image below). This marks another major milestone for the ACA in the month of October.



## Spotlight on....

**Malcolm Lynn**  
**Sheet Metal**  
**Worker, Shop**  
**Steward, Union**  
**Safety Rep &**  
**First Aider**



#### Where did you start your career?

I did a sheet metal apprenticeship in Ardrossan; seven years ago I joined BAE Systems working in The Clyde.

#### What does your job entail?

It has a lot of variety due to the number of roles I do! As a sheet metal worker I work with hilti fixtures which are used to hold up ventilation, wall mountings and furniture. I have been a shop steward for around a year; in this role I am a point of contact for anyone who has questions or issues. I will try to resolve them if I can or pass them to the union convenor if it is required. As a safety rep I do workplace inspections and HROs on a weekly basis checking that work is being carried out safely. In my time here I have notice a great improvement in safety and the way that the Alliance works together but of course there is still more that we can do. Thankfully as a first aider I have never had to deal with anything serious- hopefully this will continue.

#### What milestone/experience in the project has been the best for you so far?

Seeing both the island lifts on impressive as it changed the shape of the Ship into the Carrier. I also find that sometimes I work across on The Clyde so if I have been away for a time and come back to Rosyth you really see the progress being made.

#### What do you do in your spare time?

I like to play golf and watch the football.

### Exam Success

Congratulations to the ACA's Peter Coakley who, after four years of study, has been made a Member of the Chartered Institute of Purchasing and Supply.

# HMS Queen Elizabeth

## Rosyth

### HMS Queen Elizabeth LB04:

- This week compartment inspections have continued with eight forecast to be signed off by the customer. This includes four compartments in the medical area in 5M, the stairwell 7PB9, and the Propulsion DBR compartment in 7N.
- With respect to the shaft installation programme a constructive meeting was held with all relevant parties, Rolls Royce, Metalock, Fine-Align, Thales and BAE Systems to finalise attendance requirement dates.

### Tanks

- After successfully passing its water test 0AX0 (Salt Water Ballast Tank) is now being drained, which is expected to be complete by the beginning of next week allowing preparation for Blast activities to commence.
- Tank 0RA0 (Skeg) has now been fully prepared and shall commence its ITR06 (Air Test) next week.
- Shot blast activities are due to start next week in 0GX6 (Dieso Tank).
- The Blast programme should also see the completion of 0FX7 next week.
- SSSL continue with paint activities.
- Tank 0GY9 (Heel Correction Tank) has completed its final paint and is currently going through quality control inspection.
- Engineering are continuing to progress with the DISR for all tanks throughout each Block. This week seven tanks have successfully achieved DISR (Design Intent) status.
- The following tanks have been reviewed by Engineering; 9EA3 (Void), 9EB3, 0KC6 & 0KC7 (Dieso Tanks). DISR is expected to be achieved in these tanks next week.
- In total 64 tanks have achieved DISR and 86 of the 138 Tanks have been reviewed.

### Assembly

- The mast cap was erected to the ship last week as scheduled and the unit is now faired and level to allow welding to commence.
- The final alignment check on the A-Brackets was successfully achieved and welding has now commenced.

### Manufacturing

- Sponson Block Builds for SP03, SP04, SP06 forward and aft, and SP09 are continuing to make good progress in the Syncrolift.
- Units for SP04, SP06 forward and aft, and SP09, are progressing in the heavy fabrication bays.
- The activities for the Mast Cap for HMS Prince of Wales are on-going with the cable basket now been installed and the installation of cable and equipment has commenced. The pipework installation is also complete and is currently being tested.

## Appledore

The first batch of six sponson 2 units for HMS Prince of Wales, and the catwalks for HMS Queen Elizabeth Sponson 12 have been moved by road to the departure quay in preparation for vessel load-out and onward transportation to Rosyth.



# HMS Prince of Wales

## Portsmouth

### HMS Prince of Wales LB02:

- Shot blasting and painting of three tanks in G ring has now commenced, with Phase 3 tank dry survey and tank testing plan is in place and starting OFY0 Avcat tank early.
- Structural consolidation is continuing on all areas which are accessible, with steady progress, with Structures and Hotwork. Rings F to G and E to F join ups are all nearing completion.
- Outfit is on-going in all areas with steady progress, the focus being on G ring and the cable reeving.
- We have now installed 6,475 pipes and inspections & testing progressing well.

### HMS Prince of Wales CB02:

- Hot work is continuing on units C209 and C210 in Hall A and progressing well.
- Both units 207 and 208 are now erected on ring B build grillage with consolidation under way, with C ring build grillage started to be positioned on the build line.
- This week unit 205 will move from Hall A to Hall B.
- Units C230, C230 and C233 are progressing well in the (Steel Production Hall) SPH.
- Painting will commence on A ring, 3 and 4 deck this week.
- Structural inspection of units 201 and 203 completed successfully last week.

## Govan

### HMS Prince of Wales LB03:

- A Care and protection audit by the customer was undertaken this week with feedback indicating satisfactory rating, highlighting the excellent condition of areas such as ring K tanks, equipment in all areas being fully protected as soon as installation which is reducing the risk of damage.
- The main focus this week on LB03, remains the compartment handover inspection (CHOI) programme which has been progressing well with 20 achieved week 41(1341), another 24 CHOIs are expected to be achieved last week with a further 25 to be inspected this week.
- All of the tank have now been air tested and the stripe coating is ongoing in the ring L Ballast Tanks and spray painting of void spaces. This will allow the tanks to be submitted for CHOI, along with the ring K tanks already submitted, bringing the milestone for handover of double bottom tanks closer.
- This week 80 spools have been mechanically audited and a further 234 spools have been pressure tested.
- Progress on electrical scope continues with 6,044 metres of cable installed leaving just 5.8km to be installed to achieve the milestone of 260km of cable installed which is planned for December.
- Following on from this 1,172 terminations have been completed this week and over 14,225 cores check wired to date.

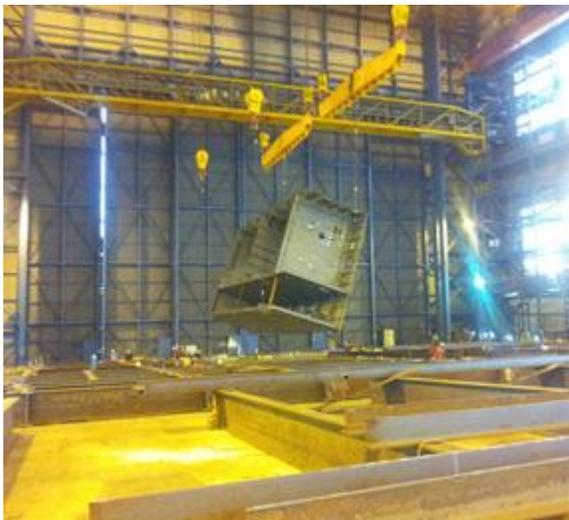
### HMS Prince of Wales LB04:

- To date 116 units are in preparation with 101 in the subsequent fabrication stage and 78 in the shipbuild outfitting hall bays 1 and 3.
- This week two units were successfully erected – LR88 & LS90. There were also two dry surveys achieved last week – LS49 and LP43.
- Work continues on loading the required equipment and machinery into the engine spaces prior to the Main Diesel Generator deliveries next month. As well as that, more of the Power and propulsion equipment arrived in yard this week with the first of the transformers being installed on rings P and Q.
- The first cabin flat was handed back from SSSL this week after having its paint system applied. This now allows the outfitting trades into ring R to progress this area to a standard to allow the installation of the cabins which starts in the next few months.

## Merseyside

### HMS Prince of Wales CB02:

- Ring G construction continues with ongoing dry surveys and the first 3 deck unit (G221) erected to berth over the weekend, with the other to follow shortly. (see image below).
- Ring G 2dk and flight deck steel construction continues in the Cammel Laird construction hall.
- Ring G outfit manufacture of seats, pipes and outfit steel items continues.
- Ring F has commenced production with the first piece parts produced for 3 deck units.
- In advance of the production start of CB04 (to start Jan 2014) the steel call offs for CB04A have been submitted.



## Tyne

### HMS Prince of Wales CB03:

- Ring H outfitting continues at the west quay with the main focus now on pipework, HVAC and electrical installation.
- Ring J Port to Starboard join up is now complete, and final preparations underway to remove the green between J and H rings before they are brought together next week. In parallel outfit activities (insulation, pipe, HVAC continue).
- The final two units of ring K were turned early this week allowing for erection into half rings (see image below)
- Ring LK and L still in steelwork manufacture stage.



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