

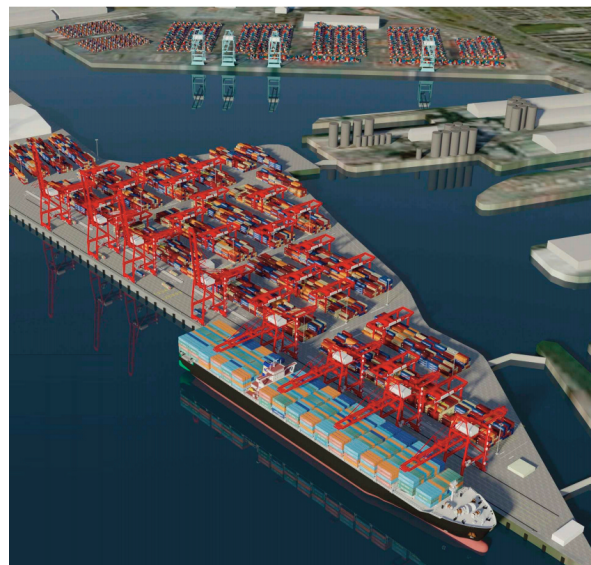
Liverpool2 Insights

Welcome to the new **Liverpool2** Insights. We hope that the information in each issue of this newsletter will help to give everyone across the business an understanding of what **Liverpool2** is and to keep you updated on the progress of project.

So what is **Liverpool2**?

Liverpool2 is Peel Ports' most forward thinking logistics development. It isn't just another container terminal, it's the shape of things to come. When completed in 2015, **Liverpool2** will be one of the best equipped and most connected container terminals in the UK.

- 8 mega-max ship to shore cranes
- 27 semi-automated CRMG's
- 56 terminal tractors (tugs)
- 40 shore based trailers
- Equipment specified to operate in winds >55mph
- State of the art IT; a fully integrated container terminal operating system



Why are we building **Liverpool2**?

The new terminal will give the Port of Liverpool the ability to once again handle some of the largest container vessels from all over the world. Vessels of >13,500 TEU will be able to berth at **Liverpool2**.



Whats happened so far?

The progress of the project has been marked with some key events in the first half of 2013. In May the Chancellor, George Osborne (pictured left with Mark Whitworth, CEO Peel Ports Group and Susan Williams, CEO Atlantic Gateway) visited the Port of Liverpool and announced a grant of £35 million from the Government's Regional Growth Fund for a project to dredge the approach channel in the Mersey Estuary.



Legendary Ground-Breaking

In June, the official 'Ground-Breaking' ceremony took place with Sir Bobby Charlton and 'King Kenny' pushing the button to launch dredging operations. The two footballing legends were invited to symbolise the great benefits that **Liverpool2** – along with Peel Ports' investments in port hubs along the Manchester Ship Canal will bring to both the cities of Liverpool and Manchester.

So where is the project up to?

Dec 2012 – Marine Licence received to allow works to proceed.

July 2013 – BAM Nuttall and Van Oord, under a joint venture BNVO, awarded a £75 million contract for the Liverpool2 Quay wall design development and infill works.

Aug 2013 – BNVO commence marine construction works.

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Construction work onsite



Down at the **Liverpool2** site, there has been a variety of activities:

- demolition of part of the Stanton Grove shed
- installation of modular buildings which will be the temporary office accommodation for the next 2-3 years
- the removal of the wind turbine at the end of the existing quay wall
- precast concrete yard commissioned on site to manufacture the large quayside coping beam and other concrete sections
- purchase of 250m long, 2.5m diameter pipe from Norway for the extension of the Bootle North sewer outfall

Marine Works - the main activities currently happening down at the site of **Liverpool2** are the dredging and piling for the quay wall construction.



To date we have dredged and disposed of 620m³ of material including stiff clay and silts, some of which was removed using water injection dredging techniques and also by Goliath, one of the largest backhoe dredgers in Europe. The picture below left shows Goliath loading dredged material into a barge for disposal, and the picture on the right is one of our Project Managers, John Selby, standing in the bucket of Goliath!!



To build the quay wall, 40m long steel piles will be driven into the sea bed using a range of piling techniques (the picture to the left shows the first of the piles in position in the gate).

We have had several deliveries of piles over the last few months and the total length of piles currently on site is 2,352m, with each one being 1.8m diameter (most people could walk through the middle of them, as demonstrated below by Gary Hodgson, COO Peel Ports Group and Douglas Coleman, Programme Director of **Liverpool2**).



For regular updates on the project and additional information, visit our project website www.liverpool2.com.

If you have any questions or queries about the project, please feel free to email liverpool2@peelports.com or contact the team on 0151 949 6153.