

efficiency
agility
progressiveness
partnership
Liverpool2



John Hayes, UK Transport Minister & Warren Marshall, Group Head of Port Planning, Peel Ports Group

Liverpool2 News

Welcome to Peel Ports Liverpool2 News. The purpose of this newsletter is to keep you updated on the exciting development of Liverpool2, the UK’s new deep water container terminal. We will regularly share with you the construction progress, key milestones, business activity and other news.

Introduction

Liverpool2 is Peel Ports’ new deep water container terminal. When it opens for business in late 2015, Liverpool2 will be the UK’s most centrally located deep water container terminal. It will offer shipping lines a unique opportunity to bring larger vessels closer to the UK’s industrial, manufacturing and consumer heartland than any other UK port.

Capable of handling the largest container vessels afloat today, with a berth length of more than 850m and a berth pocket of 16.5m, Liverpool2 creates the capacity to handle the next generation of container ships and empowers the Port of Liverpool to be the UK’s national gateway and transhipment hub for Ireland. The development will reaffirm Liverpool as the UK’s leading transatlantic port, whilst enabling direct market connections to the Americas, India, Far East, Caribbean, Mediterranean and the Baltics.

UK Transport Minister Visits Liverpool2 Site

Transport Minister John Hayes recently visited the Port of Liverpool to hear about Peel Ports’ exciting infrastructure developments.

The minister, who has responsibility for the strategic roads network and ports, received a tour of the Liverpool2 site and heard a presentation from Peel Ports on issues relating to transport integration in the North West. This included: the Northern Powerhouse initiative to help rebalance the UK economy; infrastructure improvements to reduce unnecessary road and rail miles; coastal shipping and the Manchester Ship Canal; and connectivity via the Irish Sea.

“We were honoured to receive a visit from the Transport Minister, having already had the opportunity to show the Prime Minister and Chancellor of the Exchequer how we are adding to the UK’s trading infrastructure through our investment.

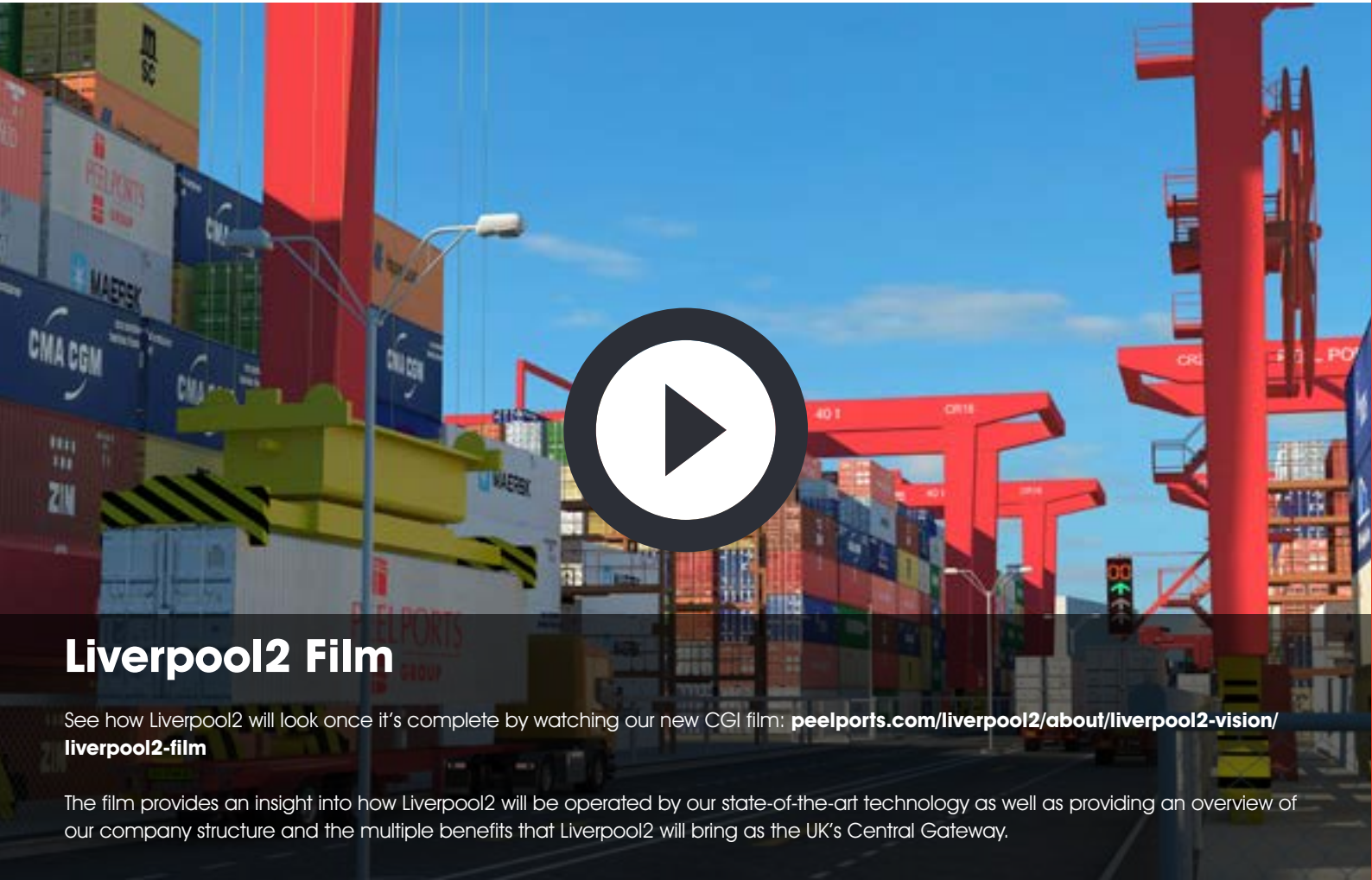
Given our proximity to the majority of the population and our record as one of the leading ports in the UK, we are in an excellent position to support the ongoing economic recovery by helping the supply chain to trade more efficiently.”

Mark Whitworth
Chief Executive Officer, Peel Ports Group

“The vital role that the container shipping industry plays in getting goods to shop shelves or in helping UK businesses export their products across the world is invisible to most of us. But it’s crucial neither to under-estimate nor undervalue its importance as part of our maritime sector, which overall generates more than £8 billion for the economy each year.

Integrated transport infrastructure is essential for that industry and so I am determined that we do everything possible to ensure our investment supports its continued growth, especially given the extra capacity that Liverpool2 will offer the supply chain, helping cargo owners to get their goods closer to destination markets.”

John Hayes
UK Transport Minister



Liverpool2 Film

See how Liverpool2 will look once it’s complete by watching our new CGI film: peelports.com/liverpool2/about/liverpool2-vision/liverpool2-film

The film provides an insight into how Liverpool2 will be operated by our state-of-the-art technology as well as providing an overview of our company structure and the multiple benefits that Liverpool2 will bring as the UK’s Central Gateway.



Spreading the Liverpool2 Message Worldwide

North America

On the 10th November Peel Ports and U.S. Shipping publication American Shipper hosted a luncheon for key contacts in the U.S. shipping industry. The event was hosted in New York at the Sheraton Hotel and provided an opportunity for debate and discussion on the theme of port congestion.

The event included a panel discussion and debate, with a selection of representatives from ports and container lines in the U.S., including:

- Curtis Foltz, Executive Director, Georgia Ports Authority
- Howard Finkel, Vice President, COSCO America
- Beth Rooney, Assistant Director, Port Commerce Department, Port Authority of New York and New Jersey

Peel Ports Group CEO, Mark Whitworth also joined the panel to contribute his thoughts and experiences from Europe and the UK. He provided an insight into how Liverpool2 will help to rebalance the UK's logistics and reduce congestion by providing a viable alternative to the UK's southern ports.



Mark Whitworth (CEO Peel Ports Group), addresses the American Shipper event in New York, USA

“I am delighted to be in New York meeting my counterparts and discussing key industry topics. Liverpool offers a great deal of benefits to the Transatlantic trade, which is already realised in our 32% share (source: Zepol) of the container market, which will be increased further with the opening of Liverpool2.”

Mark Whitworth

Chief Executive Officer, Peel Ports Group



David Huck, Port Director, Peel Ports Group



Patrick Walters, Commercial Director, Peel Ports Group

South America

Peel Ports continues to support TOC and has recently returned from TOC Americas in Colombia. The conference focussed on developing and encouraging more efficient routes to market, with a strong emphasis towards shifts in global trade following the opening of the Panama Canal expansion in 2016. Cost reduction and more direct access to markets were also prominent themes throughout.

The Panama Canal expansion, situated just along the coast from the city of Cartagena where TOC was held, will have a real impact on the way that shippers, ports and freight forwarders now plan to shape the future of their businesses. Ports across the globe are currently investing in new technology and additional services in response to new developments at the Panama Canal, and we expect that there will be more opportunities for larger vessels to transport goods to a greater variety of port destinations. At several ports, including Peel Ports' Port of Liverpool, the imminent arrival of the Panama Canal's new lane has already set into motion a schedule of improvements, upgrades and redevelopments by terminal operators to ensure that more ports are able to provide services to the larger container ships that will be using the Panama Canal.

Seaborne trade between the UK and South and Central America is particularly suited to the Port of Liverpool as the first or last port of call on the transatlantic routes. Liverpool2 will remove, in one go, a number of constraints that are faced by container vessels from South America currently considering Liverpool. We will be able to handle longer, deeper and wider ships, and the dredging programme underway will mean that the port offers a tidal accessibility comparable to its southern competitors.

Commercial Director Patrick Walters joined a panel to discuss 'From Mega Ships to Mega Alliances: Who Benefits?' and David Huck our Port Director joined the panel debate 'Port Planning & Design: Upgrading Existing Terminals to Handle Future Ship Demands'. Peel Ports also hosted an evening event the night before TOC opened at the Hotel Sofitel Santa Clara for 40 guests.

“The trip to TOC Americas, one of the largest events for stakeholders in the container supply chain, was an important opportunity to learn from my industry counterparts and an opportunity to discuss one of the most anticipated developments in the container industry: the Panama Canal expansion.”

David Huck

Port Director, Peel Ports Group

Spreading the Liverpool2 Message Worldwide



Gary Hodgson (Chief Operating Officer Peel Ports Group) attends **Great Britain-India Convention in Delhi, India**



India

Peel Ports recently joined a UK trade delegation to Delhi hosted by the UK India British Council. Peel Ports took part in Connect '14 Great Britain-India Business Convention, which was attended by Chief Operating Officer Gary Hodgson and Sales Director Peter Faker. Peel Ports had a stand at the event and spoke with business leaders about the benefits that Liverpool2 would bring to Indian trade. The trip also included key customer meetings in Delhi and Mumbai, as well as media interviews.

Europe

David Huck, Port Director, spoke at JOC Port Performance Conference Europe recently held in London. The conference concentrated on reviewing how increasing size of container ships calling at European ports is tied with port delays, port congestion, and productivity issues.

“The process of optimising port performance can be a complex one; however, by working closely with shipping lines to align both port and shipping line business processes, terminal operators can seek to overcome many of these issues. In particular, introducing performance measures for elements such as berth slot adherence and vessel handover all help to instil best practice across the board.

The success of port performance is really down to partnership working. Agreeing a quality and improvement framework will help remove wastage, increase the quality of information exchange between port and shipping line, and optimise overall performance. While incentives and penalties can drive behaviour, these must be two way: the future is an approach focused on alignment and cooperation between liners and ports.”

David Huck

Port Director, Peel Ports Group



Electrical and Mechanical Commissioning Team L-R **Gary Molyneux, Ashley Binding Smith, Mark Grieve, Lee Torlay** and **Dave Hall**

Meet our Electrical and Mechanical Commissioning Team

The team have just returned from their first trip to China to oversee the structural fabrication, assembly, erection process and installation of components for Liverpool2's Ship-to-Shore and CRMG cranes.

On arriving in Shanghai they were welcomed by ZPMC's Project Manager and taken out to sample the local delicacies. The next 12 days were then action packed, with the Peel Ports team being split across ZPMC's two sites in Shanghai and Nantong to inspect the initial fabrications of the StS cranes (Shanghai) and the CRMG cranes (Nantong). The purpose of the visit was for the team to use their engineering knowledge to assess the different parts of assembly and carry out quality control, ensuring the highest standard of craftsmanship.

Wanting to share Shanghai's rich history and culture, ZPMC took the team to Yu Gardens and the Oriental Pearl Tower, making the most of the little time they had available.

“The trip was very interesting and enjoyable; it was fantastic to see the cranes being structurally erected. The best part of the trip was adapting to new cultures, learning new techniques of erection and installation processes as well as being given the opportunity to commission and work overseas, both of which I think will aid me immensely in my working career”

Dave Hall

Mechanical Technician

“This trip was really a pre-commissioning trip, to allow us to be fully prepared and acclimatised for the next visit in December. I am looking forward to going back as all ABB equipment will have arrived, the trolley assemblies should be complete and being installed onto the girders”

Mark Grieve

Electrical and Mechanical Team Leader for the fabrication of the CRMG cranes



Liverpool2 Project Status

Sea Jack

Construction activity at the Liverpool2 site has ramped up in the last month with the arrival of 'SEA JACK', a specially constructed jack-up barge loaded with advanced equipment to assist with the piling operations.

'SEA JACK' replaces the 'Pauline' and is more than three times bigger. The sheer size of SEA JACK means that it can operate at deep water locations with high tidal ranges. It was previously deployed in the North Sea erecting wind turbines.

SEA JACK Dimensions

- Length: 91.20 m
- Breadth: 33 m
- Draft: 5.5 m
- Leg length: 50.4 m
- Free deck space: 2500 m² (subject to deck layout)
- Total net deck load: 2500 t (depending on stability)
- Operating water depth: 6–30 m (depending on tide, penetration)

ZPMC Cranes

4 out of 5 Ship-to-Shore cranes now fully erect with boom girder, motor-house all mounted and 8 out of 12 CRMG cranes fully erect.

Terminal Operating System

The upgrade to Navis N4 TOS is well underway with thorough testing being carried out before the go-live date Q1 2015

Autogate Technology

Civil works for the new AutoGates is nearing completion. The introduction of the AutoGates supported by revolutionary OCR scanning technology will ensure efficient and reliable access by road to the Port of Liverpool's container terminals.

Plant Awareness Road Show

Liverpool2 contractors Bam Nuttall hosted a "Plant Awareness" Road Show to support their joint H&S initiatives with Peel Ports. The road show included:

- Mobile Plant – demonstrating safety features, operator comfort with daily walk around check tours
- Exclusion Zones – Dumper marked up with "blind spot zones", fitted with latest collision avoidance system and the opportunity for the workforce to "exchange places" with drivers and sit in the operators seat.
- Safety and innovation in the fields of Working at Height and identification, Buried Services together with Lifting and Loading operations.

Transformers

Liverpool2 transformers are now in place. The transformers will take the electrical supply at the incoming supply of 33,000 volts (33kV) and transform it down to 11,000 volts (11kV). The 11kV supply will then be distributed from the Liverpool2 substation to the new container terminal. The transformers were manufactured in Italy by ABB.



MacAndrews Service

Peel Ports are pleased to announce an additional service into the Port of Liverpool from short-sea operator MacAndrews. MacAndrews are increasing their calls to Liverpool with a fourth vessel and extra call to Bilbao.

As part of the upgrade, MacAndrews' new Loop vessel, the 'Flintercape', will make Liverpool its first call after departing from Bilbao, providing a strong platform for container deliveries throughout the week. MacAndrews will offer four departures per week from Bilbao, arriving in Liverpool on a Monday, Tuesday, Thursday and Friday.

"This is a very good result for us, with one of our long term customers expanding its services and we're grateful to MacAndrews for continuing to place its faith in the Port of Liverpool as a reliable and cooperative partner in its growing operations. It's this clear shift of logistics and distribution patterns towards the nearest port to market that underscores the reasons why we are investing £300 million in our new Liverpool2 container terminal. This will allow us to handle the largest current globally operated container vessels, bringing UK distribution cargo closer to its destination."

Patrick Walters

Group Commercial Director, Peel Ports Group

"The Port of Liverpool provides a strong link in the UK consumer supply chain, and is an increasingly important entry port for refrigerated container movements of fresh produce to supermarket distributors. In addition to the growing volumes of general containerised cargo, it is this increasing sector of the market from Southern Spain into the northern half of the UK, which is driving the expansion of MacAndrews' services into the port."

Geoff Smith

Managing Director, MacAndrews





We've moved...www.peelports.com/liverpool2

We have recently updated and integrated the Liverpool2 website into our Peel Ports Group site. Why not head over to www.peelports.com/liverpool2 to have a look at the new site and to find out more.

If you want to find out more about **Liverpool2** contact us on:

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