

## The Big Build – fast facts

**18 months**

to complete.

**230 metres**

long and 34 metres wide.

**261 piles**

There are 261 piles supporting it – many are 70 metres long, the height of one of the cranes on the wharf.

**1,200 TEU**

A storage area is available behind it for 1,200 TEU (20 foot) containers, providing a significant increase in Container Terminal capacity.

**180 personnel**

At the peak of construction, 180 personnel were working on site.

**8,000 cubic metres**

of concrete were poured to create the one metre thick wharf deck.

**Over 1,000**

12 metre deep stone columns were driven into the land behind the wharf to improve the strength of the ground.

## New wharf is major milestone in Port development



**LPC's new \$85 million Cashin Quay 2 wharf, officially opened in February, significantly boosts the Port's container trade capacity and its ability to service the predicted freight growth of the next 30 years.**

"The new wharf is an important part of our long term plan to ensure a thriving Port here in Lyttelton that can meet the increasing needs of South Island trade," says LPC Chief Executive Peter Davie.

"The new Cashin Quay 2 wharf doubles our container vessel berthing capacity and already we are seeing consistently faster ship loading and unloading turn around times. It also creates significant opportunities for general cargo.

"Our Port is the gateway for our region's trade. We manage 56% of the South Island's total import/export containers and our volume growth is forecast to

increase at greater than GDP levels throughout the next 30 years.

"The new wharf is one of the most significant major rebuild projects since the earthquakes. It is built to a high level of resilience and to the latest international seismic code. It is a vital part of our long term plan to build a Port for the future that is the hub for Canterbury and South Island freight and supports New Zealand's economy and prosperity."

Check out the wharf opening and construction videos  
– [vimeo.com/154090201](https://vimeo.com/154090201)  
– [vimeo.com/154231086](https://vimeo.com/154231086)

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# What's happening at LPC

Over the last six months the Port has achieved some major milestones.

These include

- The opening of our \$85 million new Cashin Quay 2 wharf which provides a step change in service.
- The approval of the Lyttelton Port Recovery Plan by the Minister for Canterbury Earthquake Recovery. This is the long term plan to make LPC the South Island's major international trade gateway.
- The arrival of our new Pilot Launch, Awaroa, which provides a better vessel for our Marine Pilots to service the ships they meet.
- The completion of a large storage area at our CityDepot Inland Port in Woolston, providing additional storage for containers to service our new customer, Golden Bay Cement.
- Improved container handling rates. Vessel crane rates have increased by over 15% in the past year.
- Our redeveloped website, providing a better experience and service.

Looking forward, we remain focused on making Lyttelton a great Port for the future that meets customers' and Canterbury's needs for long term trade growth.



# MidlandPort – a step change in container freight efficiency

**MidlandPort, LPC's new Inland Port at Rolleston, will open in June this year. An important part of the facility's services will be a rail connection between the Port and Rolleston, significantly improving container freight efficiency.**

The site is currently under construction and a connection from the nearby main trunk rail line, across Jones Road to the site, is almost complete.

MidlandPort will provide for the growing freight requirements in the mid-Canterbury area, acting as a hub for receiving, storing and consolidating containers – and as a distribution point for the transfer of containers between trucks and trains. Its rail service will reduce freight costs and travel time and the number of container trucks on the Port route, thereby decreasing traffic congestion.

The facility is located on Jones Road on the boundary of the Carter Group's I PORT development which will provide warehousing and distribution.

MidlandPort will offer customers world class facilities that are purpose designed for easy access and fast, efficient operations. The rail siding will be capable of handling two 30 wagon trains as well as a third run-around line for locomotive movements, with daily connecting services between the Port and Rolleston. Services will also include container surveying, repairs and wash

and storage for full/empty dry and reefer boxes.

LPC's containerised cargo is forecast to grow significantly by 2041. The new Inland Port is part of the Company's long term plan to ensure it meets this demand.

MidlandPort's location, at the intersection of many of the region's major freight arteries, makes it both a gateway for Canterbury's primary production and an outstanding facility for supporting the requirements of the South Island's long term trade growth.

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# New community connections

LPC is now giving sponsorship support to the Lyttelton Community House Trust, the Lyttelton Football Club and the Canterbury Youth Development Programme.



From left: LPC Chief Executive Peter Davie and Bevan Seal, CEO Canterbury Youth Development Programme, with the vehicle LPC has sponsored.

The Lyttelton Community House on Dublin Street provides a friendly environment for people to drop in for a chat, enjoy its Community Lunch on Tuesdays, hold community meetings and receive support from experienced staff.

The Lyttelton Football Club is experiencing growing interest from Lyttelton and Harbour Basin locals – especially children – to learn football skills and join the sport. The Club aims to start an “Introduction to Football” course with the Lyttelton School this year. A significant part of LPC’s sponsorship contribution will go towards funding the equipment needed to provide the course.

LPC also recently sponsored a vehicle to support the work of the Canterbury Youth Development Programme (CYDP) coordinators who make home visits to disadvantaged youth and their families, and provide transport for the youngsters to work and educational opportunities.

The CYDP teaches youths and their families how to lead positive and constructive lives within the community, away from drugs, violence and crime. The effectiveness of the programme

has been analysed by independent researchers, financial auditors, Police, Child Youth and Family Services and the courts, who have all found it to be one of New Zealand’s most successful programmes in reducing or stopping recidivist criminal activity.

The CYDP works to keep youngsters in education and to keep their home environments a safe and secure place. They assist parents in improving their own life skills and giving up drugs. They are stopping the intergenerational cycle of crime and abuse.

LPC’s other sponsorships include:

- Lyttelton Rugby Club’s Junior Team
- Lyttelton Netball Club
- Banks Peninsula Conservation Trust
- Quail Island Ecological and Restoration Trust
- Project Lyttelton – Festival of Lights Fireworks display
- Lyttelton Seafarers’ Centre
- Champion Canterbury Business Awards.



## LPC’s new website

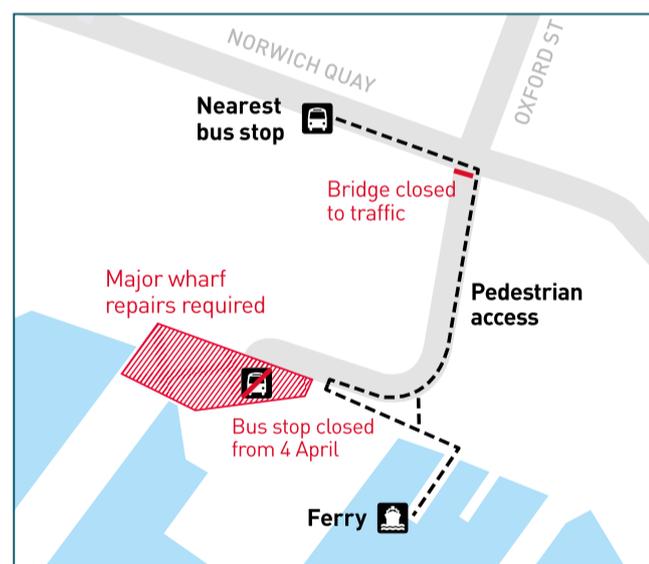
Earlier this year we launched our redeveloped website to provide users with a better experience and a bigger window into what we do.

Some of the new features include a ‘tickertape’ with information running across the screen, a webcam which allows you to pan round most of the Port and zoom into what you want to view, more weather information and an improved customer container tracking service.

As well, we have created a video library profiling some of our frontline staff roles and the Company’s recent developments. The photo library is updated regularly and is a great place to see the latest about what’s been happening in the Port.

The website features a wide range of information about our operations, services, teams, projects, plans, ship movements and community connections. All community notices are also posted on the website.

Check it out at [www.lpc.co.nz](http://www.lpc.co.nz)



## Lyttelton wharf bus stop temporary closure

The bus stop on the Lyttelton wharf, and the Oxford Street overbridge, are temporarily closed to ensure safety while wharf repairs are undertaken.

Bus services numbers 28 and 535 are continuing from the nearest bus stop on Norwich Quay. Stairs and a ramp are available for safe pedestrian access to the ferry terminal.

The bus stop on the wharf will resume operations early in 2017 after repairs are finished. Upgrading the wharf is important to provide the quality of services the Port needs. LPC appreciates the patience of all those who use the ferry and bus service during the repair process.



**“We’re very proud of our new Pilot Launch. She’s the Rolls-Royce of Pilot Launches – there’s nothing quite like her in New Zealand.”**

LPC Launch Master Bryan Shankland on board the ‘Awaroa’.

# Marine team proud of new Pilot Launch

**For LPC’s Launch Master, Bryan Shankland, waiting for the arrival of the new Pilot Launch was like waiting for Christmas morning – and it was worth the wait.**

“We’re very proud of our new Pilot Launch. She’s the Rolls-Royce of Pilot Launches – there’s nothing quite like her in New Zealand,” says Bryan, who has over 50 years’ experience at sea.

A Pilot Launch is a purpose-built boat used to transfer Marine Pilots to and from ships that are arriving or departing Port. The Launch pulls up alongside a ship at the harbour entrance and provides a moving yet stable platform for a Marine Pilot to climb a ladder to board a ship.

Bryan was part of the project team that defined what LPC needed in a Pilot Launch in order to prepare for the bigger ships that will visit, and the features the Marine team required – future-proofing the Port safely and efficiently.

“We visited several Ports across New Zealand and Australia to see a range of Pilot Launches. This helped define exactly what we required for Lyttelton Port and, after a rigorous selection process, we purchased a Pilot Launch designed by the French Naval architects Pantocarene. It was constructed by Hart Marine in Mornington, Australia who specialise in these vessels. We’re very happy with the end result.”

The Pilot Launch, named ‘Awaroa’, motored across the Tasman in January. ‘Awaroa’ is the name Māori gave the entrance to Lyttelton Harbour, known as ‘Godley Head’ to Europeans.

“She hums along the water brilliantly. Her fender and hull are so cleverly

designed, that it is much easier to come alongside and pull away from a ship after a Pilot transfer is complete. She has the latest navigational technology and the best safety equipment. Overall she’s a much better and cleaner piece of kit in every aspect. If in an extremely unlikely situation where the Launch capsizes, ‘Awaroa’ has self-righting capabilities.”

At 16 metres long, the ‘Awaroa’ has all the comfort, space and low sound levels you’d expect of a new state of the art Pilot Launch.

“It makes our jobs so much more of a pleasure to do. There’s even a stereo system and toilet on board.”

Bryan started his career of handling vessels at age 17 by joining the Royal New Zealand Navy, an involvement he is proud of to this day.

“I joined in 1965 and was full time for 20 years. I started as a Junior Seaman and finished my service as a Commander. I was on active service

during the Indonesian Confrontation and was on the last Royal New Zealand vessel to fire shots in anger.

“When it came time to settle down, I took up the position of Manager and Skipper for the Diamond Harbour Ferry. I was there for ten years before starting at the Port Company in 1996 as Launch Master – a role I’ve held for 20 years.

“It doesn’t get boring – not at all. Everyday when you come to work it’s different. Different vessels require a different approach; different weather conditions, different swells, different crew – every day and every job is different. It keeps you thinking.”

The Launch crew, made up of six experienced Launch Masters, work around the clock to support the Port’s 24 hour, seven day a week operation.

“We’re a tight crew - we’re all seafarers so we have that in common. The shift work is a lifestyle – and I just love being out on the water.”

# The 'Awaroa' – a state of the art Pilot Launch service

## Services at Lyttelton Port of Christchurch (LPC) have taken a significant step forward with the arrival of the new Pilot Launch.

"Having a state of the art new Launch is part of our plan to provide the best service we can for vessels visiting Lyttelton," said LPC Chief Executive Peter Davie.

The first of its kind in New Zealand, it is the best design for the work and conditions in Lyttelton Harbour.

"Lyttelton Harbour requires a vessel capable of operating in high swells and strong winds and the Launch provides a new level of safety for our Marine Pilots who travel on it to board ships at the harbour entrance."

It replaces the 12 metre 'Canterbury' which had been operating at the Port since 1992.

"The 'Canterbury' provided sterling service but our new launch is a significantly more capable vessel. It has a higher helm position with greater visibility and wider side-decks giving safer access for crew."

On 9 January this year the 'Awaroa' left Mornington, Victoria and motored to New Zealand, arriving in Bluff five days later and in Lyttelton Port on 18 January.

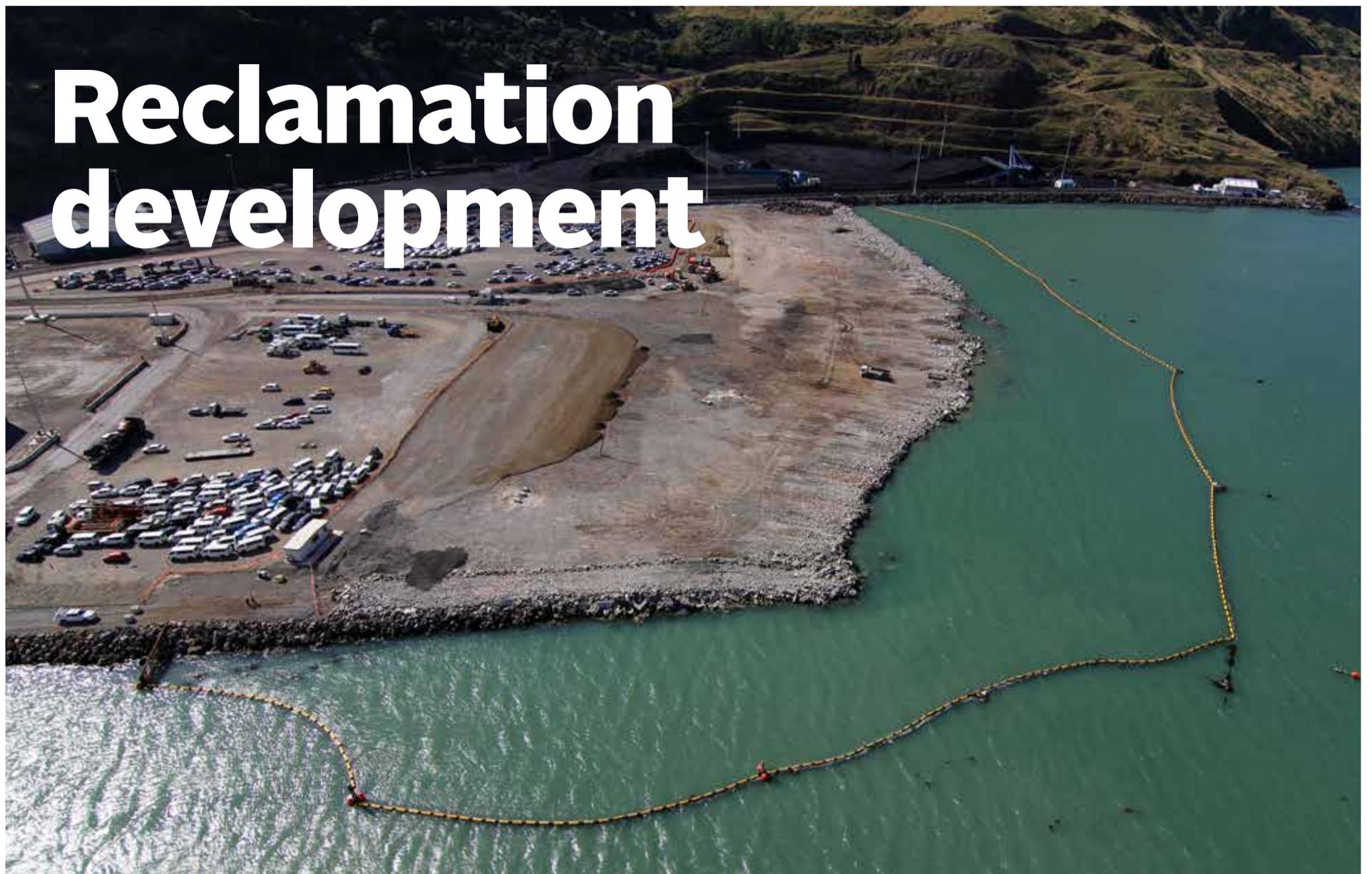
The new Pilot Launch was officially named by June Swindells, Chair Te Hapū o Ngāti Wheke, and blessed by Riki Pitama, Kaumātua, at a ceremony at the jetty on Saturday, 20 February.



**Top right:** (Far left) June Swindells, Chair Te Hapū o Ngāti Wheke, naming the Launch.

**Middle right:** Riki Pitama, Kaumātua, blessing the Launch.

**Bottom:** From left: George Philips LPC Marine and Security Manager, Alec McWhinnie LPC Port Engineer, Peter Davie LPC Chief Executive and Paul Monk LPC Operations Manager.



# Reclamation development

**The reclamation in Te Awaparahi Bay has reached 9.35 hectares and it is expected to increase to ten hectares in the last quarter of this year.**

More than 2,400,000 tonnes (1,200,000m<sup>3</sup>) of earthquake demolition material and rubble has gone into the reclamation. Much of it is from buildings in Christchurch demolished after the earthquakes. This has saved Christchurch and the region over \$100 million in dumping costs. It has also provided fill for the reclamation so the Port can expand to meet the forecast increase in customer requirements and the region's future growth in container trade. 5.5 hectares of the reclamation is in use and another hectare will be available for operations mid-year.

LPC's environmental management plan for the reclamation aims to minimise and mitigate any environment impacts and to support the ecological health of the harbour.

There are extensive monitoring controls in place to ensure that only clean fill is placed in the reclamation. Rubble is sorted and inspected by demolition experts at the demolition site before being sent to the Port. On arrival at the reclamation, all trucks are inspected. LPC keeps comprehensive records of all loads received and the

origin of the material and composition. This information is recorded for each load using handheld devices. As well, there is a purpose-built containment boom and silt curtain, seen in the photo, to contain any debris.

Extending the reclamation is needed so the Port has the operational space to become the major container trade Port in the South Island.

## LPC Norwich Quay site development

**Demolition has recently been completed of the former LPC administration building on the corner of Norwich Quay and Dublin Street. This followed the building suffering structural damage in the 2010/2011 earthquakes.**

Retaining walls are being completed on the site over the next few months and facilities will be constructed for LPC's Civil Maintenance team to shift into by the last quarter of this year. Once they leave their current site, in the Inner Harbour, the buildings there will be demolished and the area will be used for operational activities.

LPC is developing a new Operational and Administration building inside the Port near the Container Terminal. Piling and in-ground service installation will begin in the middle of this year. It is expected that the new building will be completed by the end of 2017. This will bring administration and operational staff together in one building for the first time.



# New Lyttelton recreation track

**LPC, the Log Exporters Group, local mountain bikers and trail builder Scott Walker of T5 Contracting have joined forces to create a new walking/biking track that links to the scenic saddle overlooking Urumau Reserve and Lyttelton Harbour.**

The new track, which locals are already enjoying, makes it easier to walk or bike up to the saddle and enjoy the spectacular views and links to other trails in the Urumau Reserve and Department of Conservation (DOC) land on the crater rim.

LPC's long term objectives for its 17 hectares of land include community recreational use, ecological protection, and the enhancement and protection of landscape and ecological values for the benefit of everyone in the Lyttelton Harbour basin.

The project is being undertaken by LPC in partnership with the Banks Peninsula Conservation Trust which works to protect the indigenous biodiversity in Banks Peninsula.

The improved access from Lyttelton, and enhancement of nature corridors with the adjacent Urumau and DOC reserves, will allow the community to enjoy, learn about, and contribute to thriving indigenous flora, bird, lizard, and invertebrate habitats.

Keep up to date with what's happening on these projects on LPC's website.

## Inner Harbour log storage area improvements

A project to upgrade the 15,600 square metre log storage area in front of Norwich Quay, started about a year ago, will be completed within three months.

The final stage involves shifting the Ministry for Primary Industries (MPI) vehicle washing and vacuuming facility to the Container Terminal and

resealing that area for log exports. Work will be carried out 7am to 6.30pm Monday to Friday and 7am to 4pm Saturdays.

Most of the log storage area has been asphalted and a new stormwater drainage system and sprinkler system have been installed to reduce dust effects and enhance operational safety.



# Contribute to the Port Liaison Committee



Back row, left to right:  
Paul Monk LPC Operations Manager, Julian Cross Community Representative, Richard Purdon Environment Canterbury, Neil Mythen C3 Stevedores, George Philips LPC Security and Marine Manager, Tony Simpson LPC Port Services Manager, and Nigel Grant Christchurch City Council.

Front row, left to right:  
Omar Seychell Community Representative, Kim Kelleher LPC Environmental Manager, Ken Maynard Lyttelton Community Association, and Linda Pringle Community Representative.

**The Port aims to be a good neighbour in the community in which it operates. The Port Liaison Committee (PLC) helps support that.**

The Committee meets quarterly to discuss community issues. The group will become increasingly important as the Port continues to grow. LPC is committed to ensuring it is a good neighbour and the PLC plays an important part in that.

The Committee includes representatives from the local community, LPC, Port stevedores, Environment Canterbury and the Christchurch City Council.

If you would like to make a contribution by becoming a member of the PLC we are looking for additional community representatives from the Mt Herbert side of the harbour and from Lyttelton. We would love to hear from you.

For more information contact LPC Environmental Manager Kim Kelleher on (03) 328 7983 or [Kim.Kelleher@lpc.co.nz](mailto:Kim.Kelleher@lpc.co.nz)

# Take a free Port tour

**Bookings are open for our next three Port tours. The tours are on the last Sunday of the month and the 90 minute trip leaves at 1.30pm from Jetty A at Lyttelton on the Canterbury Cat.**

This is one of the best and safest ways of seeing Port operations. It is also a great opportunity to hear an experienced LPC staff representative explain the Port's developments and plans.

Passengers are invited to make a donation to the Cholmondeley Children's Centre, located in Governors Bay, at the end of the tour. The Centre provides short term emergency and planned respite care for Canterbury children.

Most passengers have rated the tour as 'Excellent' and provided great written feedback such as: "An excellent day", "Very informative commentary", "The dolphins were great".

To book a place on a Port tour call LPC reception on (03) 328 8198 between 8am and 5pm Monday-Friday or email [allreceptionists@lpc.co.nz](mailto:allreceptionists@lpc.co.nz).

See a quick video of a tour: [vimeo.com/144433278](https://vimeo.com/144433278)



# We're creating the Dampier Bay Design Guide

**We'd like your feedback**  
**Saturday 30 April**  
**10.30am-1pm**  
**At 'Port Talk'**  
**LPC's Information Centre**  
**Corner London and Oxford Streets**

As part of the Lyttelton Port Recovery Plan, LPC is preparing a Design Guide to set out the 'look and feel' of the on land development of Dampier Bay – including public access. We have made a start based upon feedback received during the Recovery Plan process. We would now like to get your feedback on

our ideas and further thoughts you may have on the project. The Design Guide does not include the marina. Information about the marina will be available later this year.

Come down to Port Talk and the LPC project and design team will be there to talk through the guide. We really want to hear your ideas and feedback.

## Have LPC Update emailed

If you'd like future issues of LPC Update emailed to you please just let us know. There's a new edition every four months. Just email us at [communications@lpc.co.nz](mailto:communications@lpc.co.nz) and we'll add you to our subscriber list to get your free copy by email.

For more information about LPC see our website:

[www.lpc.co.nz](http://www.lpc.co.nz)

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