

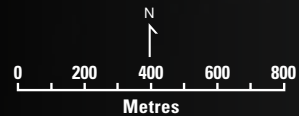
PORT BOTANY

PORT BOTANY PORT FACILITIES

Port Botany tenants

- | | |
|---|--|
| A ACFS (see p23) | M Australian Customs Service (see p25) |
| B Vopak Terminals (see p20) | N Warehouse Solutions International (see p25) |
| C Qenos Pty Ltd (see p21) | O PB Towage (see p29) |
| D Elgas (see p22) | P Truck Marshalling Area |
| E Terminals (see p22) | Q ACFS/Tyne |
| F Origin Energy (see p21) | R Sydney Ports Corporation
– Operations Centre |
| G Patrick Port Logistics (see p23) | S Sydney International Container Terminals
Pty Limited (see p18) |
| H Qube Logistics (see p24) | |
| I DP World (see p17) | |
| J Patrick Stevedores (see p18) | |
| K Caltex Australia | |
| L Svitzer (see p30) | |

- ① Berth numbers
- ① Bulk Liquids Berth numbers



NAVIGATION AND OPERATING INFORMATION

Location	Latitude 33° 58.5' S Longitude 151° 12.6' E.
Summary	Botany Bay lies 12 nautical miles south from the entrance to Sydney Harbour. Port Botany, on the northern side of the bay, has been developed as a major port complex. On the southern side of the bay are berths to serve the oil industry at Kurnell.
References	NP 14 Australia Pilot Volume 2 NP 38 Admiralty List of Lights and Fog Signals Volume K AHP 11 Australian National Tide Tables.
Charts	AUS 197, AUS 198, AUS 199.
Pilotage	Pilotage is available 24-hours a day and is compulsory for all vessels except those listed under clause 79 of the <i>Ports and Maritime Administration Act 1995</i> .
Communications	VHF Radio Call Sign "Sydney Ports VTS" VHF Channel 16, 12 for calling VHF Channel 13 for Sydney Ports VTS incorporating approval to enter or depart and navigational warnings.
Tidal data	Mean High Water Springs –1.6 metres Mean High Water Neaps –1.3 metres.
Depths in approach channels at ISLW	The channel to the swinging basin and berths at Kurnell has a minimum depth of 11.2 metres. The swing basin at Kurnell 3 is 12.4 metres. The channel to the Port Botany area is 213 metres wide and has a minimum depth of 15.0 metres. The swinging basin at Brotherson Dock is dredged to 14.4 metres. The bottom is sand.
Services	Providore repair services and the capacity to survey and service safety equipment are available for all vessels.
Bunkering facilities	Available by barge/road tanker/pipeline depending on berth.
Fresh water	Available at all berths.
Towage	Two private tug operators, employing a fleet of modern tugs.
Harbour response	Sydney Ports' sophisticated fire-fighting support vessel is comparable with the best available anywhere in the world and capable of handling port emergencies.
Vessel control	The overall direction and control of vessels within the port boundaries are governed by the general powers of the Harbour Master.

CONTAINER TERMINALS

DP World, Port Botany Container Terminal

Contact	Gate B37, 42 Friendship Road Matraville NSW 2036, Australia Telephone 61 2 9394 0900 Facsimile 61 2 9394 0955
Summary	Located on the southern side of Brotherson Dock (Berth No.'s 10, 11 and 12) and is operated by DP World. DP World operates 24-hours a day, seven days a week.
Area	Total terminal area – 38.6 hectares.
Berthing facilities	Total wharf length – 936 metres Depth range – 12.9 to 14.8 metres Stringer height – 3.6 metres.
Storage	Includes reefer container facilities for 316 units.
Equipment	Equipment includes three twin-lift and four single-lift quay cranes, all cranes have the ability to twin-lift empty containers, maximum heavy lift of 90 tonnes. DP World has a modern fleet of four heavy container forklift trucks, two reach stackers, three empty container handlers, 36 internal transfer vehicles, and 23 rubber tyred gantries. DP World is fully computerised, using a Vehicle Booking System (VBS 1-Stop) and SN4 Navis Ship/Yard Planning System.
Transport/access	Road access via Friendship Road. On-site transport facilities include 80 truck parking slots and 3 x 340 metre rail sidings linked to the NSW and interstate rail system.

MAP REFERENCE

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Patrick Container Terminal, Port Botany

Contact	Gate B110, Penrhyn Road Port Botany NSW 2036, Australia Telephone 61 2 9394 0000 Facsimile 61 2 9394 0395
Summary	Located on the northern side of Brotherson Dock (Berth No.'s 6, 7, 8 and 9) and operated by Patrick Stevedores. The Patrick terminal operates 24-hours a day, seven days a week.
Area	Total terminal area – 46.1 hectares.
Berthing facilities	Total wharf length – 1,006 metres Depth range – 13.9 to 14.2 metres Stringer height – 3.6 metres.
Storage	Reefer container storage includes 700 reefer outlets.
Equipment	By September 2012, equipment will include seven twin-lift and one single-lift quay cranes, of which five also have a heavy lift capacity of 65 tonnes. Terminal container handling equipment will include a fleet of 55 straddle carriers, reach stackers and a number of heavy and light forklifts.
Transport/access	Road access via Penrhyn Road. On-site rail facilities include 2 x 650 metre sidings linked to the NSW and interstate rail system.

MAP REFERENCE

PORT BOTANY | Page 15 **J** **6** **7** **8** **9****Sydney International Container Terminals Pty Limited**

Contact	Level 19, BT Tower 1 Market Street Sydney NSW 2000 Telephone 61 2 8268 8000 Facsimile 61 2 9269 0717
Summary	This terminal is currently under development and is expected to be operational in 2013.

MAP REFERENCE

PORT BOTANY | Page 15 **S** **1** **2** **3** **4****BULK LIQUIDS BERTH AND STORAGE FACILITIES**

The Bulk Liquids Berth at Port Botany services the discharge and load requirements of the petrochemical industry in New South Wales.

This facility is the busiest of Sydney's "common-user" berths. Hazardous and non-hazardous bulk liquids, petrochemicals and gases are transferred by pipeline to nearby industry storage facilities which are operated by private companies.

Contact	Gate B42, Charlotte Road Port Botany NSW 2036, Australia Sydney Ports Corporation – Shipping Section Telephone 61 2 9296 4800 Facsimile 61 2 9296 4812 Direct contact – Port Duty Officer (24-hours) Telephone 61 2 9666 4906 Facsimile 61 2 9666 4513 Manager Bulk Liquids Berth Telephone 61 2 9316 4467 Facsimile 61 2 9666 4513
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Summary

The Bulk Liquids Berth comprises a piled approach roadway and pipe support structure with "T" head mooring and berthing dolphins.

Depth alongside – 18.3 metres
Maximum draught permitted – 14 metres
Stringer height – 3.4 metres
Can accommodate vessels up to 75,000 tonnes DWT (90,000 DWT on application) and LOA 243 metres (250 metres by consultation).

Access

The facility is accessed via Gate B42, Charlotte Road, Port Botany.

MAP REFERENCE

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BULK LIQUIDS BERTH USERS

Vopak Terminals Australia

Contact	49 Friendship Road Port Botany NSW 2036, Australia Telephone 61 2 9666 4455 Facsimile 61 2 9694 1182
Summary	Part of Vopak Group which provides high-quality bulk liquid tank storage facilities. Vopak provides storage and handling facilities for liquid chemicals and petroleum products at its two sites at Port Botany, and is able to offer a complete terminal service through its interstate and overseas facilities. Both sites are: – AS/NZS ISO:9001 and AS/NZS ISO:14001 certified; and – Licensed bond warehouses.

Site A facilities (chemical terminal)

Contact	Gate B33, 49 Friendship Road Port Botany NSW 2036, Australia
Area	4.5 hectares.
Berthing facilities	Multiple stainless and mild steel product and vapour dock lines.
Product range	Full range of petrochemicals and solvents, lube oils and additives, vegetable oils and tallow.
Capacity	36,000m ³ with 70 tanks ranging from 30 to 2,000m ³ .
Storage	Stainless and mild steel, including various linings.
Services	Heating, blending, nitrogen blanketing; vapour emission control; road tanker, iso-container, IBC filling, drumming, weighbridge.

Site B facilities (petroleum terminal)

Contact	Gate B47, 20 Friendship Road Port Botany NSW 2036, Australia
Area	8.9 hectares.
Berthing facilities	2 x 300mm mild steel dock lines 1 x 250mm marine loading arm.
Product range	Gasoline, distillate.
Capacity	320,000m ³ (Stage 1 and 2) with 20 tanks ranging from 1,950m ³ to 25,000m ³ .
Storage	Mild steel with aluminium internal floater and dome.
Services	Blending; vapour recovery control; fully automated truck loading.

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Origin Energy

Contact	Gate B35, 47 Friendship Road Port Botany NSW 2036, Australia Telephone 61 2 9316 3869 Facsimile 61 2 9316 4614
Summary	The Origin Energy Terminal has a (pressure) storage capacity of 4,500 tonnes LPG in 18 sand moulded tanks. The Terminal is the major supplier of high-purity aerosol-grade LPG propellant to the Sydney market and maintains dedicated unodourised equipment and trucks for this market. LPG is received into the Origin Terminal by ship discharge at Port Botany Bulk Liquids Berth and pipeline transfer from the Orica Hydrocarbons Terminal. On-site equipment enables the removal of some trace impurities from the LPG.

Area	Total terminal area – 3.78 hectares.
Berthing facilities	Operates a marine loading arm at the Port Botany Bulk Liquids Berth.
Storage	Includes 18 sand mounded LPG storage tanks of 540m ³ each, giving total storage of approximately 4,500 tonnes LPG.
Equipment	Fleet of 11 LPG delivery trucks ranging from 2 to 22 tonnes capacity. Loading bays for three LPG trucks, including B doubles.
Transport/access	Road access for outgoing product.

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Qenos Pty Ltd

Contact	Gate B40, 39 Friendship Road Port Botany NSW 2036, Australia Telephone 61 2 9316 9974
Summary	Qenos operates an import terminal for propane and butane. Facilities exist for the import of ethylene and LPG as well as ethylene exports. Purging facilities are also available.
Area	7.5 hectares.
Berthing facilities	Operates a marine loading arm at the Port Botany Bulk Liquids Berth.
Storage	1 x 800m ³ refrigerated ethylene storage tank 1 x 14,000m ³ refrigerated propane storage tank 1 x 14,000m ³ refrigerated butane storage tank.
Access	Pipeline distribution system to Botany Industrial Park.

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Terminals Pty Ltd**Contact**

Gate B38, 45 Friendship Road
Port Botany NSW 2036, Australia
Telephone 61 2 9316 9743
Facsimile 61 2 9316 9742
www.terminalspl.com.au

Summary

Terminals Pty Ltd provides bulk liquid storage, handling and repackaging services, import and export shipping of hazardous and non-hazardous liquid chemicals.

Storage

65 tanks. Capacity 53,000m³. Tanks range in size from 200m³ to 8,000m³. Licensed bonded warehouse.

Services

Road tanker, ISO tank loading/unloading, IBC and drum filling, weighbridge, good road access.

Warehouse

Drum storage for 3,000 drums
Multiple stainless and mild steel dock lines.

MAP REFERENCE

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Elgas Ltd**Contact**

Gate B44, 30 Charlotte Road
Port Botany NSW 2036, Australia
Telephone 61 2 8336 4300
www.elgas.com.au

Summary

The Sydney LPG Cavern utilises state-of-the-art underground technology to store up to 65,000 tonnes of high purity propane (LPG) in a purpose-built unlined rock cavern. Product is received into the terminal from refrigerated LPG ships with the product being heated on site prior to entry into the underground storage facility. The facility has the capability to receive product at up to 750 tonnes per hour. The terminal also has the capability to load vessels with pressurised storage tanks.

Area

Total terminal area – 7.1 hectares.

Berthing facilities

Operates a marine loading arm at the Port Botany Bulk Liquids Berth.

Storage

The storage cavern consists of 4 x 230 metre long galleries each 11 metres high x 14 metres wide located 135 metres below ground.

Loading equipment

There are three road-tanker loading bays with two catering for B doubles. The loading of road tankers is fully automated and operates 24-hours a day, seven days a week.

MAP REFERENCE

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CONTAINER PARKS/WAREHOUSE FACILITIES**Austate/ACFS Logistics Terminal****Contact**

Gate B60 and B61, 2 Simblist Road
Port Botany NSW 2036, Australia
Telephone 61 2 8484 6200
www.auscfs.com

Summary

ACFS provides LCL/FCL storage, 1.1 depot, FMD wash, fumigation, tailgate. LCL/FCL/FAK unpacking, export packing, transport and container fumigation. Storage and handling facilities exist for refrigerated cargo. There is also a permanent AQIS officer on site and 24-hour, round-the-clock security.

Area

10 hectares.

Warehouse and offices

33,000m².

Storage capacity

2,500 TEUs.

Reefer outlets

60.

MAP REFERENCE

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Patrick Port Logistics “Botany Park”**Contact**

Gate B29, 60 Friendship Road
Port Botany NSW 2036, Australia
Telephone 61 2 8220 8400
Facsimile 61 2 9700 1543
www.patrick.com.au

Summary

Patrick Logistics Botany Park specialises in the storage, handling and repair of empty containers. A separate 77G Customs Bond area can store up to 1,400 TEUs. The facility also provides quarantine tailgate inspections, fumigation for FCL containers and freight station services.

Area

6.5 hectares.

Storage capacity

5,200 TEUs.

MAP REFERENCE

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Patrick Port Logistics “Botany Depot”**Contact**

Gate B30, 55 Friendship Road
Port Botany NSW 2036, Australia
Telephone 61 2 8220 8400
Facsimile 61 2 9700 1543
www.patrick.com.au

Summary

Wharf transport, LCL/FCL/FAK pack/unpack, Customs Depot licenced under section 77G, AQIS Accredited Category 1.1, quarantine wash bay, over dimensional cargoes, FCL storage R&D 6/24-hours Sunday on application, refrigerated container power storage, 24-hour security, CCTV on/off site monitoring.

MAP REFERENCE

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Patrick Port Logistics “Bumbarah Depot”

Contact	Gate B3, 2 Bumbarah Point Road Port Botany NSW 2036, Australia Telephone 61 2 8220 8400 Facsimile 61 2 9700 1543 www.patrick.com.au
Summary	LCL – Unpack/pack warehousing facility.
Area	1.5 hectares of warehouse storage capacity, 5 hectare site.
MAP REFERENCE	PORT BOTANY Page 15 G

Qube Logistics Port Botany Container Park/Intermodal Terminal

Contact	Gate B1, 1890 Botany Road Port Botany NSW 2036, Australia Telephone 61 2 9578 8666 www.qube.com.au
Summary	Qube provides a full range of transport services both for empty containers, FCL and LCL shipments including full and empty container storage, tailgate inspections and fumigation services. A complete container inspection service is offered for all container types, supported by qualified experienced repair and survey staff. A modern cleaning plant supported by environmentally friendly pollution controls offers full cleaning services to the ISO Tank and Road Tanker industry. 2 x 700 metre rail sidings link the Terminal to the NSW rail system.
Area	8 hectares.
Storage capacity	8,500 TEUs.

Qube Logistics Port Botany Freight Station

Contact	Gate B5, 4 Bumbarah Point Road Port Botany NSW 2036, Australia Telephone 61 2 9316 3306 www.qube.com.au
Summary	Qube provides LCL/FCL storage, 77G Customs Bond storage, LCL/FCL/FAK unpacking, export packing, transport, container steam cleaning and fumigation. Storage and handling facilities exist for refrigerated cargo and unitised timber. There is also a permanent DAFF Biosecurity Officer on site and 24-hour, round-the-clock security.
Area	7.1 hectares.
Warehouse	13,000m ² .
Storage capacity	5,000 TEUs.
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Warehouse Solutions International Pty Ltd

Contact	Gate B9, 11 Bumbarah Point Road Port Botany NSW 2036, Australia Telephone 61 2 8304 0208
Summary	Warehouse Solutions International Pty Ltd (WSI) provides contract warehousing and distribution services to importing and exporting companies. WSI has a computerised Warehouse Management System (WMS) specifically designed and developed for third party contract warehousing. The WMS has a fully integrated Scan Pack system, which utilises electronic order receipt and processing. It is accredited with all major retailers' barcode despatch requirements. WSI also provides customs 77G FAK container deconsolidation and consolidation services, LCL/FCL bonded storage, steam cleaning, fumigation, container and machinery washing. There is also storage for refrigerated containers, international freight forwarding and customs clearance, customs tariff and warehousing consultancy services. An AQIS Officer is stationed at the site.
Area	3.5 hectares.
Storage capacity	Bonded – 4,000m ² Free storage – 11,000m ² Containers – 1,000.
MAP REFERENCE	PORT BOTANY Page 15 N

OTHER FACILITIES

Australian Customs Service Container Examination Facility

Contact	Gate B15, 13 Bumbarah Point Road Matraville NSW 2036, Australia Manager Telephone 61 2 8335 9001 Office Telephone 61 2 8335 9010 Facsimile 61 2 8335 9009
Summary	The Australian Customs Service uses the site for the examination of sea cargo. Examination methods include the x-ray scanning of sea containers and, where necessary, a physical examination including the unpacking and repacking of the container. The Australian Customs Service currently inspects approximately five percent of import containers.
Area	2.7 hectares.
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