

# **PART III**

## **PORT OF NEWCASTLE HERITAGE REGISTER**



# Port of Newcastle Heritage and Conservation Register

**Item Name:** **Navigational Markers of Rear Main Lead Tower  
(Navigational Markers Only)**

**Location:** **Private lane off 116 Church Street, The Hill [Newcastle City]**

**SHI Number** **3930002**

**Address:** Private lane off 116 Church Street  
Lot 1 DP 531497

**Suburb / Nearest Town:** The Hill 2300

**Local Govt Area:** Newcastle

**State:** NSW

**Other/Former Names:**

**Area/Group/Complex:**

**Aboriginal Area:** Awabakal

**Curtilage/Boundary:**

**Item Type:** Built

**Owner:** Port Authority of New South Wales

**Admin Codes:** **Code 2:**

**Current Use:** Navigation aid

**Former Uses:** Navigation aid

**Assessed Significance:** **Local**

**DP& I Region:** Hunter & Central Coast

**Historic Region:** Lower Hunter

**Parish: Newcastle**  
**County: Northumberland**

**Group ID:**

**Group:** Transport – Water **Category:** Leading Lights

**Code 3:**

**Endorsed Significance:**

**Statement of Significance:** Important historical evidence inter-War navigational aids essential in the safe navigation of the harbour entrance and main shipping channel.

**Historical Notes or Provenance:** The item is located very close to the site of the Australian Agricultural Company's 'A' Pit of 1831, which was served by the first railway in Australia. While the lighthouse guided ships to the entrance of the harbour, negotiating the channel remained a difficult task. Two stone leading light towers were built in 1865, one in Perkins Street near the church of St. Mary Star of the Sea and the other in Tyrrell Street. The rear tower, which still stands, displayed a white light and the other, of which only the base remains, displayed a red light.

These lights came under much criticism. Mariners claimed that they were too close together, and that ships could stray up to 200ft. from the centre of the channel before the lights appeared to 'open'. Following the loss of a number of ships on the Oyster Bank, the lights were dubbed the 'misleading lights' and were mistrusted by the harbour pilots. Despite continuing protests, it was not until 1917 that the lights were replaced by towers and lights located below Church Street and on the harbour foreshore. The present rear main lead tower below Church Street was constructed in 1917, and has recently been reconditioned

**Themes:** **National Theme**  
3. Economy

**State Theme**  
Transport

**Local Theme**  
The shipping of coal and other goods

# Port of Newcastle Heritage and Conservation Register

**Item Name:** **Navigational Markers of Rear Main Lead Tower  
(Navigational Markers Only)**  
**Location:** **Private lane off 116 Church Street, The Hill [Newcastle City]**  
**SHI Number** **3930002**

**Designer:** Public Works Department, Rivers, Water Supply and Drainage Branch

**Maker / Builder:** **Public Works Department**

**Year Started:** 1917 **Year Completed:** 1917

**Physical Description:** Steel angle pylon navigational marker, lines up with the main lead towers located at the Newcastle Foreshore to mark correct entry line through the channel. Steel ladder access to top platform. Base enclosed by metal fencing and barbed wire.

**Physical Condition:** Good

**Modification Dates:** Unknown

**Recommended Management:** Asset Management Plan requires condition-based assessments to be undertaken every two years.

**Management:** Follow State Agency Heritage Guide  
**Further Comments:**

**Criterion (a)** The navigational markers are important historical evidence of the navigational aids used in the inter-War period. They are located very close to the site of the Australian Agricultural Company's 'A' Pit of 1831, a unique example of pioneering mining technology, served by Australia's first railway.

**Criterion (b)**  
**Criterion (c)**  
**Criterion (d)**  
**Criterion (e)**  
**Criterion (f)**  
**Criterion (g)**

The navigational markers on the Rear Main Lead Tower are representative of navigational aids once used to guide entrance through the channel.

**Integrity / Intactness:** Good.

**References:**

Author	Title	Year
Rosemary Melville	Newcastle Port Corporation History	2002

**Studies:**

Author	Title	Number	Year
Suters Architects	s170 Heritage & Conservation Register	2001	

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Navigational Markers of Rear Main Lead Tower (Navigational Markers Only)  
**Location:** Private lane off 116 Church Street, The Hill [Newcastle City]  
**SHI Number** 3930002

**Location validity:**

**Spatial Accuracy:**

**Map Name:**

**Map Scale:**

**AMG Zone:**

**Easting:**

**Northing:**

**Listings:**

**Name:**

Within The Hill Conservation Area

**Title:**

Newcastle LEP 2012

**Number:**

**Date:**

15/06/12

**Custom Field One:**

**Custom Field Two:**

**Custom Field Three:**

**Custom Field Four:**

**Custom Field Five:**

**Custom Field Six:**

**Data Entry:**

**Date First Entered:**16/04/14

**Date Updated:** N/A

**Status:** Completed

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Navigational Markers of Rear Main Lead Tower (Navigational Markers Only)  
**Location:** Private lane off 116 Church Street, The Hill [Newcastle City]  
**SHI Number** 3930002

**Image:**



**Caption:** Rear Main Lead tower, from the south.

**Copyright:** Suters Architects

**Image by:** Linda Smith

**Image Date:** 2/08/2001

**Image Number:** BW2:17

**Image Path:**

**Image File:** 3930059.jpg

**Thumb Nail Path**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Navigational Markers of Rear Main Lead Tower (Navigational Markers Only)  
**Location:** Private lane off 116 Church Street, The Hill [Newcastle City]  
**SHI Number** 3930002

**Image:**



**Caption:** Rear Main Lead Tower

**Copyright:** EJE Architecture

**Image by:** Shea Hedley

**Image Date:** 23/02/2007

**Image Number:**

**Image Path:**

**Image File:** 3930059a.jpg

**Thumb Nail Path**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** **Hydraulic Power Station (Hydraulic Engine House)**  
**Location:** **Bourke St, Carrington [Newcastle City]**  
**SHI Number** **2170005**

**Address:** 106 Bourke St Carrington 2294  
**Suburb / Nearest** Lot 30 DP 1190075  
**Town:**  
**Local Govt Area:** Newcastle  
**State:** NSW

**DP&I Region:** Hunter & Central Coast  
**Historic Region:** Lower Hunter  
**Parish:** Newcastle  
**County:** Northumberland

**Other/Former Names:** Hydraulic Power House

**Area/Group/Complex:**

**Group ID:**

**Aboriginal Area:** Awabakal

**Curtilage/Boundary:**

**Item Type:** Built

**Group:** Utilities – Water **Category:** Water Pump House

**Owner:** Port of Newcastle Lessor Pty Limited

**Admin Codes:**

**Code 2:**

**Code 3:**

**Current Use:** Vacant

**Former Uses:** Generation of Hydraulic  
Power and Electricity

**Assessed** State  
**Significance:**

**Endorsed Significance:**

**Statement of**  
**Significance:**

The Power House is significant as an example of civic architecture, albeit with a utilitarian purpose, showing the prestige of the Port, and particularly of the revenues derived from coal handling activity at The Dyke at the time of its erection and extension, and the importance of the cranes with their associated power source, first hydraulic and later electric as well. It is also a significant example of the Victorian Free Classical Style with detailed classical pediment, stone quoins and classical cornice. Carved window bosses feature the Rose, Shamrock and Thistle of the nations of the United Kingdom, with the head of the British Lion on door keystone, symbolising in a Colonial environment the complementary roles of the peoples of the UK (*tria juncta in uno*). There is some technical significance in the remnant plumbing, mechanical and electrical relics, all of which help in interpretation. Demolition of the unsympathetic rear additions of c.1906 and 1915 and eastern door awning have restored the symmetry of the building, although their disruptive effects on the northern wall have not yet been made good. This degrades the otherwise high degree of intactness of the building fabric.

**Historical Notes**  
**or Provenance:**

The main structure was built in 1877 under the direction of the Public Works Department Harbours and Rivers Branch to house machinery which provided hydraulic pressure for the operation of cranes along the Dyke. The machinery was developed by engineer Sir William Armstrong for similar applications in England; it was built at the Hydraulic Machinery Factory of Sir W.G. Armstrong & Co. at Elswick, Newcastle-Upon-Tyne. Elements of the building may have been designed by Edmund Spencer in the office of the Colonial Architect, James Barnet; by Barnet himself; by Sir W.G. Armstrong & Co.; or through a collaboration of some or all of these. E.O. Moriarty of the Harbours and River Navigation Branch of the Department of Public Works exerted a strong influence on the inception of the scheme. The main engine room was constructed with locally-made bricks by Jennings & Company of Sydney. A railway siding, with a wagon turntable, supplied coal to the boilers. Extended in 1890-1891 (as originally planned) and in c.1906 and 1915. These later additions were built in connection with electric lighting of The Dyke, and electric cranes at The Basin. It was because of this that the name of 'Power House' was gradually adopted. Apart from the demolition of the two large chimneys, the original building remains relatively intact, although deterioration of some elements continues. The last hydraulic crane was placed out of use in 1967, after which the machinery and cranes were removed. In providing power for cranes, the hydraulic power house is believed to be the only one of its kind in Australia. The site its associated buildings are of great historic, archaeological and aesthetic value. A conserved and reconstructed roof (1990s), new main doors, and some protective glazing are now featured.

# Port of Newcastle Heritage and Conservation Register

**Item Name:** **Hydraulic Power Station (Hydraulic Engine House)**  
**Location:** **Bourke St, Carrington [Newcastle City]**  
**SHI Number** **2170005**

<b>Themes:</b>	<b>National Theme</b>	<b>State Theme</b>	<b>Local Theme</b>
	3. Economy	Transport	shipbuilding

**Designer:** Possibly NSW Government agency; or Sir W.G. Armstrong and Company, Hydraulic Machinery Factory, Elswick

**Maker / Builder:** Jennings and Company; erection supervised by John Nicholson, under E.O. Moriarty

**Year Started:**                                      **Year Completed:** 1877                                      **Circa:**

**Physical Description:** Predominantly brick single storey building with decorative sandstone detail to openings, cornices, valances and corbels. A central engine room, to accommodate two engines, is flanked by twin boiler rooms. Timber windows and doors. Much carved stonework. Metal truss roof. Repaired and reconstructed slate roof (1990s). Disruption and voids to northern wall now obvious since demolition of unsympathetic additions on that elevation. Heavy cast iron guttering and downpipes. Cast iron 10" water pipes to harbour still extant. Site surrounded by man-proof fence. Interior is largely unaltered; while machinery has been removed, footings and fixing points are extant.

**Physical Condition:** Poor to fair. Now secured against vandalism. Pigeons entering via window of eastern accumulator tower, near roof breach. Brick mortar joints deteriorating. Much evidence of damp damage to stonework. Some incompatible patching of sandstone with cement. Damp is causing the stonework to fret, and to powder away.

**Modification Dates:** Building extended in 1890-1891 (eastern wing added); c.1906, and 1915, unsympathetic additions for generation of electricity for lighting at The Dyke, and for cranes at The Basin: some demolition of load-bearing fabric, and creation of new apertures. Chimneys demolished in 1960s. 1990s: conservation and reconstruction of roof, main doors and some windows. Some asbestos removal undertaken in 2007.

**Recommended** Follow State Agency Heritage Guide and CMP. Further historical research needed. Establishing a suitable use for the building is crucial to its conservation. Undertake further maintenance works: bird proofing;

**Management:** water proofing; preservation of significant fabric, particularly the sandstone; and *repairing of the roof breach*. Prepare a maintenance and documentation plan to achieve restoration, repair, maintenance and interpretation in accordance with Conservation Management Plan. Reconstruct depleted fabric as necessary.

**Criterion (a)** Prepare maintenance plan; follow State Agency Heritage Guide.  
Demonstrates the important historic status of the Port, particularly that of The Dyke and The Basin, together with that of the advanced contemporary hydraulic technology. Also evidence of early electrical applications.

**Criterion (b)** Associated with Sir W.G. Armstrong & Co.; potentially associated with Edmund Spencer of the PWD.

**Criterion (c)** Important example of the Victorian Free Classical Style with detailed classical pediment, stone quoins and dentil cornice. Slight technical significance in the remnant plumbing and machinery fixings.



# Port of Newcastle Heritage and Conservation Register

Item Name: **Hydraulic Power Station (Hydraulic Engine House)**  
Location: **Bourke St, Carrington [Newcastle City]**  
SHI Number **2170005**

Criterion (d)

Criterion (e)

Criterion (f) Rare NSW example of hydraulic engine house, incorporating later adaptation to generation of electricity. Although some hydraulic plumbing is extant, significance is diminished by the removal of original machinery.

Criterion (g) Representative example of the Victorian Free Classical style of architecture.

**Integrity / Intactness:** Relatively intact; condition of some building elements deteriorating.

References	Author	Title	Year
	<i>Sydney Morning Herald</i> , 25 Feb 1878; <i>Newcastle Morning Herald</i> , August 1967, 22 Nov 1890		
Studies:	Author	Title	Number Year
	NSW Dept of Commerce	Carrington Hydraulic Engine House Conservation Management Plan	2005
	Suters Architects	Newcastle Heritage Study	1990

Latitude:

Location validity:

Map Name:

AMG Zone:

Listings: *State Environmental Planning Policy (Three Ports) 2013*

Longitude:

Spatial Accuracy:

Map Scale:

Northing:

Title: Number: Date: 2011

Custom Field One:

Custom Field Two:

Custom Field Three:

Custom Field Four:

Custom Field Five:

Custom Field Six:

Data Entry: Date First Entered:16/04/14

Date Updated:N/A

Status: Incomplete

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Hydraulic Power Station (Hydraulic Engine House)  
**Location:** Bourke St, Carrington [Newcastle City]  
**SHI Number:** 2170005



**Caption:** Historic image of Hydraulic Engine House.

**Copyright:** Expired; held by State Library of Victoria.

**Image by:** John Harvey

**Image Date:** Post-1890

**Image Number:**

**Image Path:**

**Image File:**

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Hydraulic Power Station (Hydraulic Engine House)  
**Location:** Bourke St, Carrington [Newcastle City]  
**SHI Number:** 2170005

**Image**



**Caption:** Facade and eastern boiler wing. This wing matches but post-dates the main engine room.

**Copyright:** EJE Heritage

**Image by:** David Campbell

**Image Date:** 23/10/13

**Image Number:**

**Image Path:**

**Image File:** 8861.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Hydraulic Power Station (Hydraulic Engine House)  
**Location:** Bourke St, Carrington [Newcastle City]  
**SHI Number:** 2170005



**Caption:** Eastern facade; unsympathetic awning formerly located above door has been removed.

**Copyright:** EJE Heritage

**Image by:** David Campbell

**Image Date:** 23/10/2013

**Image Number:** BW3:2

**Image Path:**

**Image File:** 10034864.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Hydraulic Power Station (Hydraulic Engine House)  
**Location:** Bourke St, Carrington [Newcastle City]  
**SHI Number:** 2170005

**Image:**



**Caption:** North-eastern facade. Note effects of removal of intrusive additions on this elevation.

**Copyright:** EJE Heritage

**Image by:** David Campbell

**Image Date:** 23/10/2013

**Image Number:**

**Image Path:**

**Image File:** 10034863.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Hydraulic Power Station (Hydraulic Engine House)  
**Location:** Bourke St, Carrington [Newcastle City]  
**SHI Number:** 2170005

**Image:**



**Caption:** Detail of north-eastern elevation.

**Copyright:** EJE Heritage

**Image by:** David Campbell

**Image Date:** 23/10/13

**Image Number:**

**Image Path:**

**Image File:** 100348834.jpg

**Thumb Nail Path:**



# Port of Newcastle Heritage and Conservation Register

**Item Name:** Hydraulic Power Station (Hydraulic Engine House)  
**Location:** Bourke St, Carrington [Newcastle City]  
**SHI Number:** 2170005

**Image:**



**Caption:** Window adapted to provide access to now-demolished unsympathetic additions.

**Copyright:** EJE Heritage

**Image by:** David Campbell

**Image Date:** 23/10/13

**Image Number:**

**Image Path:**

**Image File:** 100348835.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Hydraulic Power Station (Hydraulic Engine House)  
**Location:** Bourke St, Carrington [Newcastle City]  
**SHI Number:** 2170005



**Caption:** Northern interior.

**Copyright:** EJE Heritage

**Image by:** David Campbell

**Image Date:** 23/10/2013

**Image Number:**

**Image Path:**

**Image File:** 100348836.jpg

**Thumb Nail Path:**



# Port of Newcastle Heritage and Conservation Register

**Item Name:** Hydraulic Power Station (Hydraulic Engine House)  
**Location:** Bourke St, Carrington [Newcastle City]  
**SHI Number:** 2170005



**Caption:** Main body of engine house, looking east.

**Copyright:** EJE Heritage

**Image by:** David Campbell

**Image Date:** 23/10/2013

**Image Number:**

**Image Path:**

**Image File:** 100348844.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Hydraulic Power Station (Hydraulic Engine House)  
**Location:** Bourke St, Carrington [Newcastle City]  
**SHI Number:** 2170005

**Image:**



**Caption:** Windows and central doorway of southern facade.

**Copyright:** EJE Heritage

**Image by:** David Campbell

**Image Date:** 23/10/2013

**Image Number:**

**Image Path:**

**Image File:** 1003488849.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Hydraulic Power Station (Hydraulic Engine House)  
**Location:** Bourke St, Carrington [Newcastle City]  
**SHI Number:** 2170005



**Caption:** Interior windows.

**Copyright:** EJE Heritage

**Image by:** David Campbell

**Image Date:** 23/10/13

**Image Number:**

**Image Path:**

**Image File:** 100348854.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Hydraulic Power Station (Hydraulic Engine House)  
**Location:** Bourke St, Carrington [Newcastle City]  
**SHI Number:** 2170005



**Caption:** Interior windows.

**Copyright:** EJE Heritage

**Image by:** David Campbell

**Image Date:** 23/10/13

**Image Number:**

**Image Path:**

**Image File:** 100348850.jpg

**Thumb Nail Path:**



# Port of Newcastle Heritage and Conservation Register

**Item Name:** Hydraulic Power Station (Hydraulic Engine House)  
**Location:** Bourke St, Carrington [Newcastle City]  
**SHI Number:** 2170005



**Caption:** Interior view of the powerhouse.

**Copyright:** Suters Architects

**Image by:** Euan Melville

**Image Date:** 23/10/13

**Image Number:** BW3:12

**Image Path:**

**Image File:** 393000338.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Hydraulic Power Station (Hydraulic Engine House)  
**Location:** Bourke St, Carrington [Newcastle City]  
**SHI Number:** 2170005



**Caption:** Interior view of the powerhouse, showing deterioration of sandstone.

**Copyright:** EJE Heritage

**Image by:** David Campbell

**Image Date:** 23/10/13

**Image Number:** BW3:13

**Image Path:**

**Image File:** 1003489300039.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Hydraulic Power Station (Hydraulic Engine House)  
**Location:** Bourke St, Carrington [Newcastle City]  
**SHI Number** 2170005

**Image:**



**Caption:** Portion of Western Elevation

**Copyright:** EJE Heritage

**Image by:** David Campbell

**Image Date:** 23/10/13

**Image Number:**

**Image Path:**

**Image File:** 100348857.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Hydraulic Power Station (Hydraulic Engine House)  
**Location:** Bourke St, Carrington [Newcastle City]  
**SHI Number:** 2170005



**Caption:** Void from removed engine, showing iron or steel flooring.

**Copyright:** EJE Heritage

**Image by:** David Campbell

**Image Date:** 23/10/13

**Image Number:**

**Image Path:**

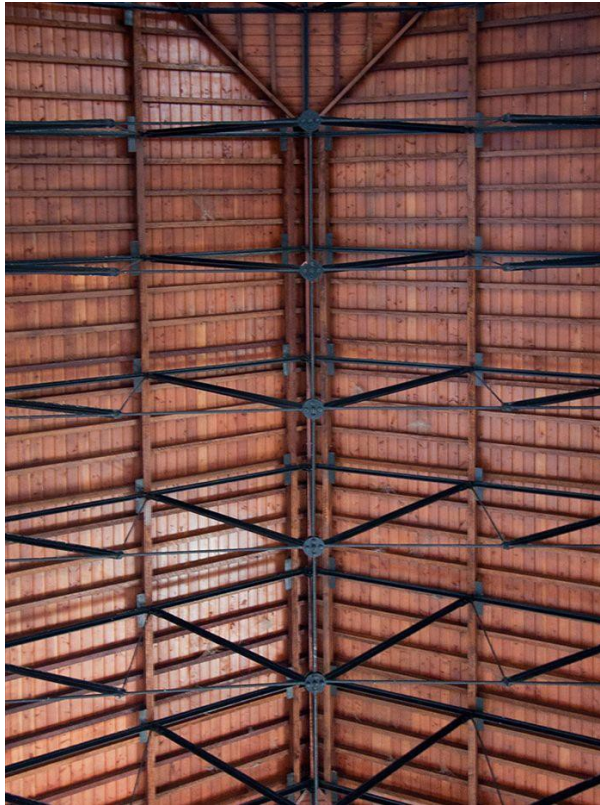
**Image File:** 100348848.jpg

**Thumb Nail Path:**



# Port of Newcastle Heritage and Conservation Register

**Item Name:** Hydraulic Power Station (Hydraulic Engine House)  
**Location:** Bourke St, Carrington [Newcastle City]  
**SHI Number:** 2170005



**Caption:** Engine House Roof

**Copyright:** ABC Newcastle

**Image by:**

**Image Date:** 09/2012

**Image Number:**

**Image Path:**

**Image File:**

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Hydraulic Power Station (Hydraulic Engine House)  
**Location:** Bourke St, Carrington [Newcastle City]  
**SHI Number:** 2170005



**Caption:** Detail of treatment of main entrance.

**Copyright:** EJE Heritage

**Image by:** David Campbell

**Image Date:** 23/10/2013

**Image Number:**

**Image Path:**

**Image File:** 100348860.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Hydraulic Power Station (Hydraulic Engine House)  
**Location:** Bourke St, Carrington [Newcastle City]  
**SHI Number:** 2170005



**Caption:** Eastern elevation; former chimney aperture was originally arched. Pigeons enter through broken tower window.

**Copyright:** EJE Heritage

**Image by:** David Campbell

**Image Date:** 23/10/2013

**Image Number:**

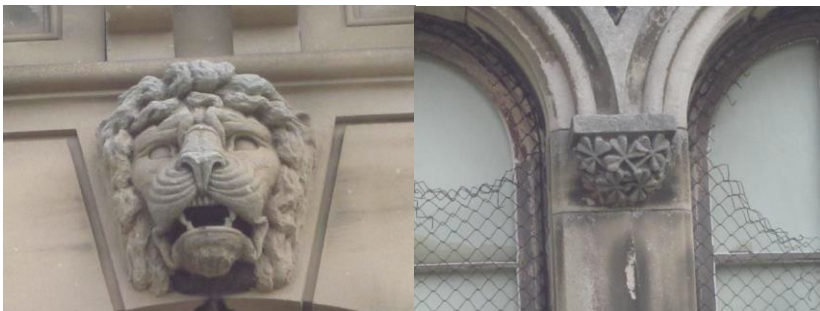
**Image Path:**

**Image File:** 100348862.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Hydraulic Power Station (Hydraulic Engine House)  
**Location:** Bourke St, Carrington [Newcastle City]  
**SHI Number** 2170005



**Caption:** Motifs of the nations of the United Kingdom: carved bosses; lion-head keystone above main entrance. The wings each feature shamrock motifs. The lion, flanked by the national motifs and reminiscent of similar uses in public architecture, is a central unifying symbol.

**Copyright:** EJE Heritage

**Image by:** David Campbell

**Image Date:** 23/10/13

**Image Number:**

**Image Path:**

**Image File:** 10034

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Hydraulic Power Station (Hydraulic Engine House)  
**Location:** Bourke St, Carrington [Newcastle City]  
**SHI Number:** 2170005



**Caption:** Eastern accumulator tower

**Copyright:** EJE Heritage

**Image by:** David Campbell

**Image Date:** 23/10/2013

**Image Number:**

**Image Path:**

**Image File:** 100348865.jpg

**Thumb Nail Path:**



# Port of Newcastle Heritage and Conservation Register

**Item Name:** Hydraulic Power Station (Hydraulic Engine House)  
**Location:** Bourke St, Carrington [Newcastle City]  
**SHI Number:** 2170005



**Caption:** Window of eastern boiler wing; note shamrock motif

**Copyright:** EJE Heritage

**Image by:** David Campbell

**Image Date:** 23/10/2013

**Image Number:**

**Image Path:**

**Image File:** 100348866.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** **Morison & Bearby Building (Facade Only)**  
**Location:** **92 Hill Street, Carrington [Newcastle City]**  
**SHI Number** **3930004**

**Address:** 92 Hill Street Carrington 2294  
**Suburb / Nearest** Lot 11 DP 1023961  
**Town:**  
**Local Govt Area:** Newcastle  
**State:** NSW

**DP&I Region:** Hunter & Central Coast  
**Historic Region:** Lower Hunter  
**Parish:** Newcastle  
**County:** Northumberland

**Other/Former Names:**  
**Area/Group/Complex:** **Group ID:**  
**Aboriginal Area:** Awabakal  
**Curtilage/Boundary:** Lot Boundary Heritage Curtilage  
**Item Type:** Built **Group:** Other - Manufacturing  
**Owner:** Port of Newcastle Lessor Pty Limited

**Admin Codes:** **Code 2:** **Code 3:**  
**Current Use:** Engineering Firm Offices  
**Former Uses:** Engineering Company Office  
**Assessed** **Local** **Endorsed Significance:**  
**Significance:**

**Statement of Significance:** Historical significance as the offices of Morison and Bearby, a well known local engineering works. The building is also a representative, although restrained example, of the Late Art Deco style as built in the immediate Post- War period.

**Historical Notes or Provenance:** Former offices of local engineering firm, Morison and Bearby. Constructed in 1945. The partnership took its rise from the establishment in 1874 of James Morison's 'Soho Foundry'. In 1883 the firm employed 120 workers and was manufacturing marine and stationary engines and boilers, girders and machinery for various mining and industrial concerns. By the 1920s the works covered four acres west of the Hydraulic Engine House, and its workforce of 300 was producing a wide range of products which had expanded to include cranes and grabs, air compressors, large centrifugal fans, valves, hydrants and electrical switchgear. The firm was taken over by Brambles Ltd in 1958. The building was, in 1994, purchased by the Maritime Services Board of NSW. It is now owned by Port of Newcastle Lessor Pty Limited, by which it is partially used. Parts of the building are leased to external commercial entities.

**Themes:** **National Theme** **State Theme** **Local Theme**  
3. Economy Commerce (none)

**Designer:** Unknown

**Maker / Builder:** Unknown

# Port of Newcastle Heritage and Conservation Register

Item Name: **Morison & Bearby Office Building (Facade Only)**  
Location: **92 Hill Street, Carrington [Newcastle City]**  
SHI Number: **3930004**

**Year Started:**                                **Year Completed:** 1945                                **Circa:** No

**Physical Description:** Restrained Late Art Deco style of the Post War Period brick building with timber and aluminum windows and ceramic tile detailing to facade. 'M&B' logo on front facade. Small balcony over entry. Addition to the north is in plain brick, with aluminum windows, addressing Hill Street, supported by columns with parking beneath.

**Physical Condition:** Good.

**Modification Dates:** Unknown.

**Recommended Management:** Conserve in accordance with listing on Newcastle LEP 2012.

**Management:** Follow State Agency Heritage Management Guide

**Further Comments:**

**Criterion (a)**

**Criterion (b)** Offices of Morison and Bearby, a local engineering works prominently associated with coal mining and shipping.

**Criterion (c)** A restrained example of a facade in the Late Art Deco style, built in the immediate post- War period.

**Criterion (d)**

**Criterion (e)**

**Criterion (f)**

**Criterion (g)** Representative example of a Late Art Deco facade, in the style of the immediate post-War period.

**Integrity / Intactness:** Good

**References:**

<b>Studies:</b>	<b>Author</b>	<b>Title</b>	<b>Number</b>	<b>Year</b>
	Suters Architects	s170 Heritage & Conservation Register		2001

**Parcels:**

**Latitude:**

**Location validity:**

**Map Name:**

**AMG Zone:**

**Listings:**  
**Name:**  
SEPP(Three Ports) 2013

**Longitude:**

**Spatial Accuracy:**

**Map Scale:**

**Easting:**

**Northing:**

**Title:**                                **Number:**                                **Date:**  
Former Morison & Bearby W2118 02L                                8/08/2003



# Port of Newcastle Heritage and Conservation Register

**Item Name:** Morison & Bearby Building (Facade Only)  
**Location:** 92 Hill Street, Carrington [Newcastle City]  
**SHI Number** 3930004

**Custom Field One:**

**Custom Field Two:**

**Custom Field Three:**

**Custom Field Four:**

**Custom Field Five:**

**Custom Field Six:**

**Data Entry:** Date First Entered: 16/04/14

Date Updated: N/A

Status: Completed

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Morison & Bearby Building (Facade Only)  
**Location:** 92 Hill Street, Carrington [Newcastle City]  
**SHI Number:** 3930004

**Image:**



**Caption:** The Hill Street facade of the building.

**Copyright:** Suters Architects

**Image by:** Euan Melville

**Image Date:** 15/08/2001

**Image Number:** BW3:16

**Image Path:**

**Image File:**3930005a.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Morison & Bearby Building (Facade Only)  
**Location:** 92 Hill Street, Carrington [Newcastle City]  
**SHI Number:** 3930004

**Image:**



**Caption:** The foundation stone of the building.

**Copyright:** Suters Architects

**Image by:** Euan Melville

**Image Date:** 15/08/2001

**Image Number:** BW3:17

**Image Path:**

**Image File:** 3930005b.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** **Morison & Bearby Building (Facade Only)**  
**Location:** **92 Hill Street, Carrington [Newcastle City]**  
**SHI Number** **3930004**

**Image:**



**Caption:** Hill Street facade of the Morison and Bearby Building

**Copyright:** EJE Architecture

**Image by:** Shea Hedley

**Image Date:** 23/02/2007

**Image Number:**

**Image Path:**

**Image File:** 3930005i.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

Item Name: **Southern Breakwater**  
 Location: **Newcastle East [Newcastle City]**  
 SHI Number **3930011**

**Address:** Lot 101, DP 1190502  
**Suburb / Nearest Town:** Newcastle East 2300  
**Local Govt Area:** Newcastle  
**State:** NSW  
**DP&I Region:** Hunter & Central Coast  
**Historic Region:** Lower Hunter  
**Parish:** Newcastle  
**County:** Northumberland

**Other/Former Names:**  
**Area/Group/Complex:**  
**Aboriginal Area:** Awabakal  
**Curtilage/Boundary:**  
**Item Type:** Built  
**Owner:** NSW Roads and Maritime  
**Group ID:**  
**Group:** Transport – Water **Category:** Breakwater

**Admin Codes:**  
**Current Use:** Breakwater  
**Former Uses:** Breakwater  
**Assessed Significance:** Local  
**Code 2:**  
**Code 3:**  
**Endorsed Significance:**

**Statement of Significance:** Significant as part of major public works undertaken to provide a safe entrance to Newcastle Harbour (from 1875), leading to the development of the modern Port of Newcastle.

**Historical Notes or Provenance:** The first stage of the breakwater was built between 1875 and 1883. Its purpose was to protect vessels from the reef which extended as far as Big Ben Rock. A large fog warning bell was installed in 1878. It was replaced by an electronic system in the 1950s, but continued to be use as a back-up until 1958. The old bell is now housed in the Newcastle Maritime Centre. The breakwater was repaired and extended by 300 ft. in 1896, the last 100 ft. being strengthened by increasing it to three times the former width. A red light was erected about 800 feet from the end of the breakwater, but was replaced in 1910 with a 30-day Wigham light, carried on a substantial tower constructed within 200 feet of the end of the breakwater. The fog bell was also located in this tower. A further extension of 460 ft. was completed in 1913.

For reasons of public safety, in 1976 vehicular access to the breakwater was restricted by the erection of a gate near the road leading to Nobbys lighthouse and signal station. To mark Newcastle's Bicentenary, a series of bas relief sculptures reflecting the region's maritime and Indigenous heritage was commissioned by Newcastle Port Corporation to enhance the Southern Breakwater. Work to maintain the breakwater continues to this day.

Themes: National Theme	State Theme	Local Theme
3. Economy	Environment - cultural landmark	
3. Economy	Transport	The shipping of coal and other goods

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Southern Breakwater  
**Location:** Newcastle East [Newcastle City]  
**SHI Number** 3930011

**Designer:** Overall scheme by Edward Orpen Moriarty, Engineer in Chief for Harbours and River Navigation PWD

**Maker / Builder:** Department of Public Works

**Year Started:** 1875      **Year Completed:** 1896      **Circa:**

**Physical Description:** Constructed originally of quarried stone, later strengthened with anti-tank tetrahedrons and heavy builder's rubble. Large blocks of mass concrete have been used in recent times. A wide, level concrete pathway is provided for maintenance vehicles and pedestrians. Some of the railway along which stone was originally moved may still be extant beneath the surface. Five bas-relief sculptures, completed by Julie Squires and others in celebration of the Newcastle Bicentennial, line part of the southern side, addressing the pathway. A timber framed tower supporting the beacon warning light stands at the eastern extremity, with solar powered light and control gear.

**Physical Condition:** Generally good.

**Modification Dates:** Various.

**Recommended Management :** Conserve and maintain in accordance with MP. Consider installation of interpretive media.

**Management:** Follow State Agency Heritage Guide

**Criterion (a)** Significant as part of major public works undertaken to provide a safe entrance to Newcastle Harbour (1875), leading to the development of the Port of Newcastle.

**Criterion (b)**

**Criterion (c)** Significant aesthetically as a dominant visual landmark element.

**Criterion (d)**

**Criterion (e)** Archaeological potential as part of the extension to Macquarie Pier.

**Criterion (f)**

**Criterion (g)**

**Integrity / Intactness:** Good

<b>References:</b>	<b>Author</b>	<b>Title</b>	<b>Year</b>
	Suters Architects	Macquarie Pier and Nobbys Head Conservation Management Plan	2000

<b>Studies:</b>	<b>Author</b>	<b>Title</b>	<b>Number</b>	<b>Year</b>
	Suters Architects	s170 Heritage & Conservation Register		2001

# Port of Newcastle Heritage and Conservation Register

Item Name: **Southern Breakwater**  
Location: **Newcastle East [Newcastle City]**  
SHI Number **3930011**

Latitude:  
Location validity:  
Map Name:

Longitude:  
Spatial Accuracy:  
Map Scale:

AMG  
Zone:

Easting:

Northing:

Listings: Name:

*Heritage Act 1977 (NSW): State  
Heritage Register*

Title:

Coal River Precinct  
Nobby's Head (Former Island)

Number: Date:

01674 19/12/03

2221 01 S

National Trust of Australia  
Classification (non-statutory)

R4355 24/06/1998

Register of the National Estate  
(non-effective)

Nobbys Lighthouse, Headland and  
Breakwater

100016 21/10/80

*State Environmental Planning  
Policy (Three Ports) 2013*

2005

Custom Field One:

Custom Field Two:

Custom Field Three:

Custom Field Four:

Custom Field Five:

Custom Field Six:

Data Entry: Date First Entered:16/04/15

Date Updated:N/A

Status: Completed

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Southern Breakwater  
**Location:** Newcastle East [Newcastle City]  
**SHI Number** 3930011

**Image:**



**Caption:** Southern breakwater looking east.

**Copyright:** Suters Architects

**Image by:** Linda Smith

**Image Date:** 30/07/2001

**Image Number:** BW1:17

**Image Path:**

**Image File:** 3930011a.jpg

**Thumb Nail Path:**



# Port of Newcastle Heritage and Conservation Register

**Item Name:** Southern Breakwater  
**Location:** Newcastle East [Newcastle City]  
**SHI Number** 3930011

**Image:**



**Caption:** The Southern Breakwater looking west, with Nobbys at left.

**Copyright:** Suters Architects

**Image by:** Linda Smith

**Image Date:** 30/07/2001

**Image Number:** BW1:18

**Image Path:**

**Image File:** 3930011b.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Southern Breakwater  
**Location:** Newcastle East [Newcastle City]  
**SHI Number:** 3930011

**Image:**



**Caption:** Detail of the eastern end of southern breakwater, showing mass concrete block wall construction and bas-relief sculptures.

**Copyright:** Suters Architects

**Image by:** Linda Smith

**Image Date:** 30/07/2001

**Image Number:** BW1:19

**Image Path:**

**Image File:** 3930011c.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Southern Breakwater  
**Location:** Newcastle East [Newcastle City]  
**SHI Number:** 3930011

**Image:**



**Caption:** Southern Breakwater

**Copyright:** EJE Architecture

**Image by:** Shea Hedley

**Image Date:** 9/03/2007

**Image Number:**

**Image Path:**

**Image File:** 3930011d.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

Item Name: **Wreck of *Adolphe***  
 Location: **End of King Street, Stockton [Newcastle City]**  
 SHI Number **2171414**

<b>Address:</b>	End of King Street	<b>DP&amp;I Region:</b> Hunter & Central Coast
<b>Suburb / Nearest Town:</b>	Stockton 2295	<b>Historic Region:</b> Lower Hunter
<b>Local Govt Area:</b>	Newcastle	<b>Parish:</b> Newcastle
<b>State:</b>	NSW	<b>County:</b> Northumberland
<b>Other/Former Names:</b>	Adolphe Wreck	
<b>Area/Group/Complex:</b>		<b>Group ID:</b>
<b>Aboriginal Area:</b>	Awabakal	
<b>Curtilage/Boundary:</b>		
<b>Item Type:</b>	Built <b>Group:</b> Transport - Water	<b>Category:</b> Maritime
<b>Owner:</b>	NSW Roads and Maritime	
<b>Admin Codes:</b>		<b>Code 2:</b>
<b>Current Use:</b>	Shipwreck	<b>Code 3:</b>
<b>Former Uses:</b>	Shipwreck	
<b>Assessed Significance:</b>	<b>Local</b>	<b>Endorsed Significance:</b>

**Statement of Significance:**

**Historical Notes or Provenance**

Historically significant as a shipwreck of a four-masted steel-hulled French barque. Illustrates the past dangers of the entrance to Port Hunter, specifically of the shoal known as the Oyster Bank. A 3 200-ton four-masted steel barque, built in 1902 by Chantiers de France, Dunkerque. Fully rigged with double top- and topgallant sails. After 10AM on the morning of 30 September 1904, 85 days out from Antwerp, she was being towed into port by the tugs *Hero* and *Victoria*, but was forced by heavy seas on to the earlier wreck of the *Colonist*, before grounding on other submerged shipwrecks on the shoal water known as the Oyster Bank. All 32 of the crew were supported by the Pilot steamer *Ajax*. The French Consul recognised these efforts through an official visit. Work had begun in 1898 on a new breakwater extending 3 000 feet towards the Oyster Bank, which had claimed many ships and lives of ships' companies and passengers. Following the wreck of *Adolphe*, it was decided to close the gap between the then end of the breakwater and the wreck, to stop the flow of sand from Stockton Bight and to improve tidal scour. This was achieved by 1906, and involved the scuttling of two steam hulks and thirteen hopper punts laden with stone. The new breakwater was constructed over 10 known wrecks, including those of *Regent Murray*, *Wendouree*, *Cawarra*, *Colonist* and *Lindus*, the latter three lying beneath *Adolphe*. The remaining masts of *Adolphe* were cut down, and the stern section was later dynamited to discourage trespass and misadventure. A cantilevered observation platform has been built to allow the safe viewing of the wreck, which is gradually deteriorating.

<b>Themes:</b>	<b>National Theme</b>	<b>State Theme</b>	<b>Local Theme</b>
	3. Economy	Commerce	Commerce
	3. Economy	Transport	The shipping of coal and other goods

# Port of Newcastle Heritage and Conservation Register

**Item Name:** **Wreck of Adolphe**  
**Location:** **End of King Street, Stockton [Newcastle City]**  
**SHI Number** **2171414**

**Designer:** Chantiers de France, Dunkirk (Dunkirk).

**Maker / Builder:** As above.

**Year Started:** 1902      **Year Completed:** 1902      **Circa:** No

**Physical Description:** Shipwreck partially submerged. Remains of much of bow section visible above water or under water; stern section blown off and invisible. What remains of steel and cement decks are subsiding across lower deck; lower deck ironwork plainly visible at low tide. Ship's stem and hawse pipes remain; bulwarks now entirely depleted. Cantilevered viewing platform, of timber and steel, extends over part of stern portion of wreck, allowing viewing down length of wreck.

**Physical Condition:** Ruinous.

**Modification Dates:** Stern section blown off; masts cut down; gradual, accelerating deterioration.

**Recommended Management:** Follow State Agency Heritage Guide; allow to continue to deteriorate through natural processes.

**Management:** Carry out interpretation, promotion and/or education; maintain viewing platform and signage.

**Further Comments:**

**Criterion (a)** Historically significant as wreck of four-masted French iron-hulled barque.

**Criterion (b)**

**Criterion (c)**

**Criterion (d)**

**Criterion (e)** Illustrates former dangers of port entrance; shows beneficial effects of harbour works, particularly breakwater.

**Criterion (f)**

**Criterion (g)**

**Integrity / Intactness:** Ruinous.

<b>References:</b>	<b>Author</b>	<b>Title</b>	<b>Year</b>
	John Armstrong (ed.)	<i>Shaping the Hunter: The Engineering Heritage</i> , Newcastle	1983
	Rosemary Melville	'History of Port of Newcastle'	2002
	Terry Callen	<i>Bar Dangerous</i> , Newcastle; <i>Bar Safe</i> , Newcastle	1986; 1994

# Port of Newcastle Heritage and Conservation Register

**Item Name:** **Wreck of Adolphe**  
**Location:** **End of King Street, Stockton [Newcastle City]**  
**SHI Number** **2171414**

<b>Studies:</b>	<b>Author</b>	<b>Title</b>	<b>Number</b>	<b>Year</b>
	Suters Architects	s170 Heritage & Conservation Register		2001

**Parcels:**

**Latitude:**

**Location validity:**

**Map Name:**

**AMG Zone:**

**Listings:**

**Longitude:**

**Spatial Accuracy:**

**Map Scale:**

**Easting:**

**Northing:**

**Name:**

Newcastle LEP 2012: Archaeological Site

**Title:**

Wreck of *Adolphe*

**Number:**

**Date:**

2012

National Historic Shipwreck Register and Database

**Data Entry:** **Date First Entered:** 16/04/14

**Date Updated:** N/A

**Status:** Completed

**Full**



# Port of Newcastle Heritage and Conservation Register

Item Name: **Wreck of Adolphe**  
Location: **End of King Street, Stockton [Newcastle City]**  
SHI Number: **2171414**

Image:



**Caption:** View looking west, showing the Adolphe wreck cantilever observation platform.

**Copyright:** Suters Architects

**Image by:** Euan Melville

**Image Date:** 18/09/2001

**Image Number:** 1

**Image Path:**

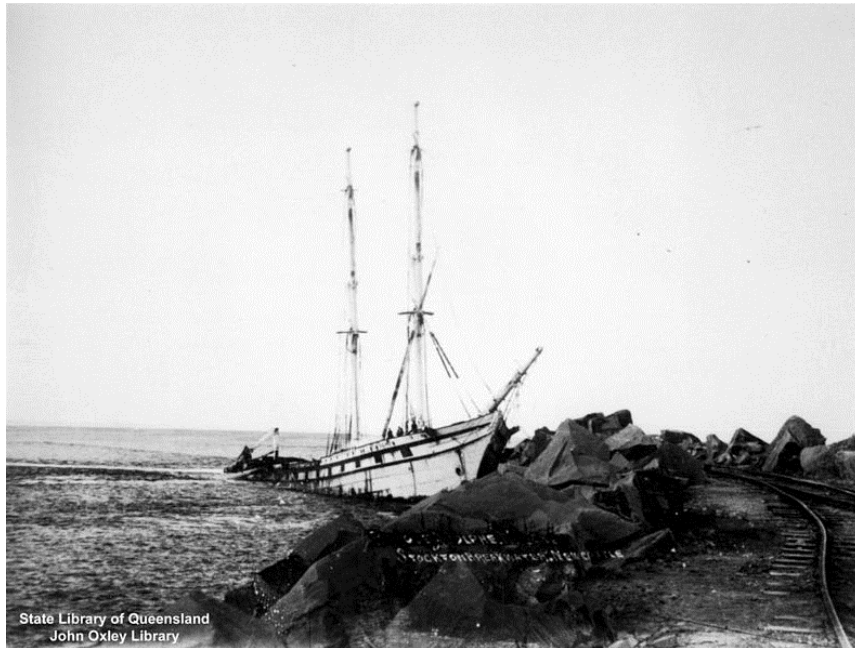
**Image File:** 3930016c.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

Item Name: **Wreck of *Adolphe***  
Location: **End of King Street, Stockton [Newcastle City]**  
SHI Number **2171414**

Image:



**Caption:** Post-1906, pre-1912 view of *Adolphe* wreck.

**Copyright:** Expired; in public domain.

**Image by:** Unknown; held by State Library of Queensland, John Oxley Library.

**Image Date:** Post-1906, pre-1912.

**Image Number:** 3

**Image Path:**

**Image File:**

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** **Wreck of *Adolphe***  
**Location:** **End of King Street, Stockton [Newcastle City]**  
**SHI Number** **2171414**  
**Image:**



**Caption:** *Adolphe* wreck, looking for'ard; little now remains of the upper deck. Note structural members of lower deck. Portions of hull may remain below water.

**Copyright:** Creative Commons Licence

**Image by:** Mark McIntosh

**Image Date:** 26/08/07

**Image Number:** 5

**Image Path:**

**Image File:** 3930016a.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** **Crane Base No.15**  
**Location:** **Carrington [Newcastle City]**  
**SHI Number** **3930019**

**Address:** 140 Bourke Street Carrington 2294  
**Suburb / Nearest Town:** Lot 5 DP 1104199  
**Local Govt Area:** Newcastle  
**State:** NSW

**DP&I Region:** Hunter & Central Coast  
**Historic Region:** Lower Hunter  
**Parish:** Newcastle  
**County:** Northumberland

**Other/Former Names:**

**Area/Group/Complex:** Dyke Point Crane Bases

**Group ID:**

**Aboriginal Area:** Awabakal

**Curtilage/Boundary:**

**Item Type:** Built **Group:** Transport - Water  
**Owner:** NSW Roads and Maritime

**Category:** Other - Transport - Water

**Admin Codes:**

**Code 2:**

**Code 3:**

**Current Use:**

**Former Uses:** Crane base

**Assessed**

**Local**

**Endorsed Significance:**

**Significance:**

This crane base is significant as a remnant of one of 12 hydraulic cranes installed along The Dyke between 1877-1888. The crane bases are historically significant as a record of the essential importance of these machines in the working of the Port. This crane was removed in 1909.

**Historical Notes or Provenance:**

Between 1877 and 1888, twelve cranes were installed along The Dyke. They were operated by hydraulic power provided by the nearby Hydraulic Power House.

This was the base for one of four cranes installed in 1888. It became known as Dyke Crane No.12 and had a lifting capacity of 9 tons and could reach beyond the front of the wharf for a distance of 18 ft. The crane was used for coal loading, lifting coal hoppers from their underframes for release of the coal directly into ship's holds. Hydraulic cranes were used from 1877 until c.1936, but the last crane was not removed until 1964.

Dyke Crane No. 14 was removed to make way for the McMyler hoist, which was erected between Cranes 14 and 15 in 1909.

**Themes:**

**National Theme**

**State Theme**

**Local Theme**

3. Economy

Technology

coal loading

3. Economy

Transport

The shipping of coal and other goods

**Designer:**

Sir W.G. Armstrong and Company, Elswick, Newcastle upon Tyne

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.15  
**Location:** Carrington [Newcastle City]  
**SHI Number** 3930019

**Maker / Builder:**  
**Year Started:** 1877      **Year Completed:** 1888      **Circa:**Yes

**Physical Description:** Circular brick structure with remnant large square section timber beams protruding and concrete infill. Small square concrete slab with steel bollard on top.  
**Physical Condition:** Fair to poor. Mortar deteriorated and missing in places. Brickwork missing in places.

**Modification Dates:** Unknown.

**Recommended Management:** The Capital Dredging Project Approval provides for the demolition of the item to make way for the Dyke Berth Box.

**Management:** Follow State Agency Heritage Guide with regard to demolition.

**Further Comments:**

**Criterion (a)** The crane base is significant as a remnant of one of 12 hydraulic cranes installed along the dyke between 1877-1888. The crane bases are historically significant as a record of the central importance of these machines in the working of the Port. The crane was removed in 1909.

**Criterion (b)**

**Criterion (c)**

**Criterion (d)**

**Criterion (e)**

**Criterion (f)**

**Criterion (g)** All though not intact, the location of the cranes and the process by which coal was loaded is demonstrated by this item.

**Integrity / Intactness:** Fair to Poor

**References:**

<b>Studies:</b>	<b>Author</b>	<b>Title</b>	<b>Number</b>	<b>Year</b>
	Suters Architects	s170 Heritage & Conservation Register		2001

**Parcels:**

**Latitude:**

**Location validity:**

**Map Name:**

**Longitude:**

**Spatial Accuracy:**

**Map Scale:**

**AMG Zone:**

**Easting:**

**Northing:**

**Listings:** State Environmental Planning Policy (Three Ports) 2013

Bullock Island Crane Bases

**Number:**      **Date:** 2011

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.15  
**Location:** Carrington [Newcastle City]  
**SHI Number** 3930019

**Custom Field One:**

**Custom Field Two:**

**Custom Field Three:**

**Custom Field Four:**

**Custom Field Five:**

**Custom Field Six:**

**Data Entry:**

**Date First Entered:**03/08/2001

**Date Updated:**28/09/2013

**Status:** Completed



# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.15  
**Location:** Carrington [NewcastleCity]  
**SHI Number:** 3930019



**Caption:** Crane Base No.15.

**Copyright:** Suters Architects

**Image by:** Euan Melville

**Image Date:** 7/09/2001

**Image Number:** BW4:1

**Image Path:**

**Image File:** 3930019.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.15  
**Location:** Carrington [Newcastle City]  
**SHI Number:** 3930019

**Image:**



**Caption:** Crane Base No.15

**Copyright:** EJE Architecture

**Image by:** Shea Hedley

**Image Date:** 16/02/2007

**Image Number:**

**Image Path:**

**Image File:** 3930019b.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

Item Name: **Crane Base No.14**  
 Location: **Carrington [Newcastle City]**  
 SHI Number **3930020**

**Address:** 140 Bourke Street Carrington 2294  
**Suburb / Nearest** Lot 5 DP 1104199  
**Town:**  
**Local Govt Area:** Newcastle  
**State:** NSW  
**DP&I Region:** Hunter & Central Coast  
**Historic Region:** Lower Hunter  
**Parish:** Newcastle  
**County:** Northumberland

**Other/Former Names:**  
**Area/Group/Complex:** Dyke Point Crane Bases **Group ID:**  
**Aboriginal Area:** Awabakal  
**Curtilage/Boundary:**  
**Item Type:** Built **Group:** Transport - Water **Category:** Other - Transport - Water  
**Owner:** NSW Roads and Maritime

**Admin Codes:** **Code 2:** **Code 3:** **Current Use:**  
**Former Uses:** Crane base  
**Assessed** **Local** **Endorsed Significance:**  
**Significance:**

**Statement of Significance:** The crane base (9 ton crane) is significant as a remnant of one of 12 hydraulic cranes installed along the dyke between 1877-1888. The crane bases are historically significant as a record of the essential importance of these machines in the working of the Port. These cranes were used from the 1870s until c1936 for the loading of coal.

**Historical Notes or Provenance:** Between 1877 and 1888, twelve cranes were installed along The Dyke. They were operated by hydraulic power provided by the nearby Hydraulic Engine House.

This was the base for one of four cranes installed in 1888. It became known as Dyke Crane No.12 and had a lifting capacity of 9 tons and could reach beyond the front of the wharf for a distance of 18 ft. The crane was used essentially for coal loading, lifting coal hoppers from their underframes for release of the coal directly into the ships. Hydraulic cranes were used from 1877 until c.1936 but the last crane was not removed until 1964.

Dyke Crane No. 14 was removed post-1908 because it was too close to the McMyler hoist, which was erected between Cranes No.14 and No. 15 in 1909.

<b>Themes:</b>	<b>National Theme</b>	<b>State Theme</b>	<b>Local Theme</b>
	3. Economy	Technology	Coal loading
	3. Economy	Transport	The shipping of coal and other goods

**Designer:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.14  
**Location:** Carrington [Newcastle City]  
**SHI Number** 3930020

**Maker / Builder:** Design by Armstrong & Co.; builder unknown  
**Year Started:** 1877  
**Year Completed:** 1888  
**Circa:**

**Physical Description:** Circular brick structure with concrete infill. Small square concrete plinth with steel bollard on top.

**Physical Condition:** Fair to poor. Mortar deteriorated and missing in places; brickwork missing in places.

**Modification Dates:** Unknown.

**Recommended Management:** The Capital Dredging Project Approval provides for the demolition of the item to make way for the Dyke Berth Box.

**Management:** Follow State Agency Heritage Guide with regard to demolition.

**Further Comments:**

**Criterion (a)** The crane base is significant as a remnant of one of 12 hydraulic cranes installed along the dyke between 1877-1888. The crane bases are historically significant as a record of the essential importance of these machines in the working of the Port. These cranes were used from the 1870s until c1936 for the loading of coal.

**Criterion (b)**

**Integrity / Intactness:** Fair to Poor.

**References:**

<b>Studies:</b>	<b>Author</b>	<b>Title</b>	<b>Number</b>	<b>Year</b>
	Suters Architects	s170 Heritage & Conservation Register		2001
	NSW Department of Commerce	CMP for Carrington Hydraulic Power House		2005

**Parcels:**

**Latitude:**

**Location validity:**

**Map Name:**

**AMG Zone:**

**Listings:** Name: State Environmental Planning Policy (Three Ports) 2013

**Longitude:**

**Spatial Accuracy:**

**Map Scale:**

**Easting:**

**Title:** Bullock Island Crane Bases

**Northing:**

**Number:** **Date:** 2011

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.14  
**Location:** Carrington [Newcastle City]  
**SHI Number** 3930020

**Criterion (c)**

**Criterion (d)**

**Criterion (e)**

**Criterion (f)**

**Criterion (g)** All though not intact, the item demonstrates the former location of the cranes, and the process by which coal was loaded.

**Custom Field One:**

**Custom Field Two:**

**Custom Field Three:**

**Custom Field Four:**

**Custom Field Five:**

**Custom Field Six:**

**Data Entry:** Date First Entered:03/08/2001

Date Updated:28/09/2013

Status:Completed

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.14  
**Location:** Carrington [NewcastleCity]  
**SHI Number** 3930020

**Image:**



**Caption:** Crane Base No.2

**Copyright:** Suters Architects

**Image by:** Euan Melville

**Image Date:** 7/09/2001

**Image Number:** BW4:5

**Image Path:**

**Image File:** 3930020.jpg

**Thumb Nail Path:**



# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.14  
**Location:** Carrington [Newcastle City]  
**SHI Number:** 3930020

**Image:**



**Caption:** Crane Base No.14

**Copyright:** EJE Architecture

**Image by:** Shea Hedley

**Image Date:** 16/02/2007

**Image Number:**

**Image Path:**

**Image File:** 3930020b.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

Item Name: **Crane Base No.13**  
 Location: **Carrington [Newcastle City]**  
 SHI Number **3930021**

**Address:** 140 Bourke Street Carrington 2294  
**Suburb / Nearest Town:** Lot 5 DP 1104199  
**Local Govt Area:** Newcastle  
**State:** NSW

**DP&I Region:** Hunter & Central Coast  
**Historic Region:** Lower Hunter  
**Parish:** Newcastle  
**County:** Northumberland

**Other/Former Names:**

**Area/Group/Complex:** Dyke Point Crane Bases

**Aboriginal Area:** Awabakal

**Curtilage/Boundary:**

**Item Type:** Built **Group:** Transport - Water

**Owner:** NSW Roads and Maritime

**Group ID:**

**Category:** Other - Transport - Water

**Admin Codes:**

**Code 2:**

**Code 3:**

**Current Use:**

**Former Uses:** Crane base

**Assessed Significance:** **Local**

**Endorsed Significance:**

**Statement of Significance:**

The crane base (9 ton crane) is significant as a remnant of one of 12 hydraulic cranes installed along the dyke between 1877-1888. The crane bases are historically significant as a record of the essential importance of these machines in the working of the Port. These cranes were used from the 1870s until c1936 for the loading of coal.

**Historical Notes or Provenance:**

Between 1877 and 1888, twelve cranes were installed along The Dyke. They were operated by hydraulic power provided by the nearby Hydraulic Power House.

This was the base for one of four cranes installed in 1888. It became known as Dyke Crane No.12, and had a lifting capacity of 9 tons and could reach beyond the front of the wharf for a distance of 18 ft. The crane was used essentially for coal loading, lifting coal hoppers from rail bogies for release of the coal directly into the ships. Hydraulic cranes were used from 1877 until c.1936 but the last crane was not removed until 1964.

Dyke Crane No.13 was replaced in 1911 by a 15 ton crane which appears to have been located slightly to the north on a new crane base (13a) The replacement 15 ton crane was one of the last to be demolished.

**Themes:**

**National Theme**

**State Theme**

**Local Theme**

3. Economy

Technology

Coal loading

3. Economy

Transport

The shipping of coal and other goods

**Designer:**

Unknown

# Port of Newcastle Heritage and Conservation Register

Item Name: **Crane Base No.13**

Location: **Carrington [Newcastle City]**

SHI Number **3930021**

**Maker / Builder:**

**Year Started:** 1877      **Year Completed:** 1888      **Circa:** No

**Physical Description:** Circular brick structure with concrete infill. Large square concrete slab with steel bollard on top and stainless steel ladder descending into harbour. Timber bridge platform gives access from shore.

**Physical Condition:** Fair to poor. Mortar deteriorated and missing in places. Brickwork missing in places. Steel ladder is rusting in places.

**Modification Dates:** Unknown.

**Recommended Management:** Follow Conservation Management Plan 2005.

**Management:** Maintain as part of group. Repair brickwork **with lime mortar** (*not* cement). Replace ladder when necessary. Maintain and/or replace timber walkway.

**Management:** Follow State Agency Heritage Guide.

**Further Comments:**

**Criterion (a)** The crane base is significant as a remnant of one of 12 hydraulic cranes installed along the dyke between 1877-1888. The crane bases are historically significant as a record of the essential importance of these machines in the working of the Port. These cranes were used from the 1870s until c1936 for the loading of coal.

**Criterion (b)**

**Criterion (c)**

**Criterion (d)**

**Criterion (e)**

**Criterion (f)**

**Criterion (g)** All though not intact the location and process by which coal was loaded can be demonstrated by this item.

**Integrity / Intactness:** Fair to Poor

**References:**

<b>Studies:</b>	<b>Author</b>	<b>Title</b>	<b>Number</b>	<b>Year</b>
	Suters Architects	s170 Heritage & Conservation Register		2001

**Parcels:**

**Latitude:**

**Location validity:**

**Map Name:**

**Longitude:**

**Spatial Accuracy:**

**Map Scale:**

**Parcels:**

**Latitude:**

**Longitude:**

# Port of Newcastle Heritage and Conservation Register

**Location validity:**  
**Map Name:**

**Spatial Accuracy:**

**Map Scale:**

**C**

**AMG Zone:**

**Easting:**

**Northing:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.13  
**Location:** Carrington [Newcastle City]  
**SHI Number** 3930021

**Listings:** **Name:** *State Environmental Planning Policy (Three Ports) 2013*      **Title:** Bullock Island Crane Bases      **Number:**      **Date:** 2011

**Custom Field One:**

**Custom Field Two:**

**Custom Field Three:**

**Custom Field Four:**

**Custom Field Five:**

**Custom Field Six:**

Data Entry: Date First Entered:03/08/2001

Date Updated:28/09/2013

Status: Completed

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.13  
**Location:** Carrington [NewcastleCity]  
**SHI Number** 3930021

**Image:**



**Caption:** Crane Base No.13.

**Copyright:** Suters Architects

**Image by:** Linda Smith

**Image Date:** 7/09/2001

**Image Number:** BW4:9

**Image Path:**

**Image File:** 3930021.jpg

**Thumb Nail Path:**



# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.13  
**Location:** Carrington [Newcastle City]  
**SHI Number** 3930021

**Image:**



**Caption:** Crane Base No.13

**Copyright:** EJE Architecture

**Image by:** Shea Hedley

**Image Date:** 16/02/2007

**Image Number:**

**Image Path:**

**Image File:** 3930021d.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.13  
**Location:** Carrington [Newcastle City]  
**SHI Number:** 3930021

**Image:**



**Caption:** Crane Base No.13

**Copyright:**

**Image by:** Shea Hedley

**Image Date:**

**Image Number:**

**Image Path:**

**Image File:** 3930021b.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.13  
**Location:** Carrington [Newcastle City]  
**SHI Number** 3930021

**Image:**



**Caption:** Detail of Crane BaseNo.13

**Copyright:** EJE Architecture

**Image by:** Shea Hedley

**Image Date:** 16/02/2007

**Image Number:**

**Image Path:**

**Image File:** 3930021c.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** **Crane Base No.10**  
**Location:** **Carrington [Newcastle City]**  
**SHI Number** **3930022**

**Address:** 140 Bourke Street Carrington 2294  
**Suburb / Nearest** Lot 5 DP 1104199  
**Town:**  
**Local Govt Area:** Newcastle  
**State:** NSW

**DP&I Region:** Hunter & Central Coast  
**Historic Region:** Lower Hunter

**Parish:**  
**County:**

**Other/Former**

**Names:**

**Area/Group/Complex:** Dyke Point Crane Bases

**Group ID:**

**Aboriginal Area:** Awabakal

**Curtilage/Boundary:**

**Item Type:** Built **Group:** Transport - Water

**Category:** Other - Transport - Water

**Owner:** NSW Roads and Maritime

**Admin Codes:**

**Code 2:**

**Code 3:**

**Current Use:** Submerged below dolphin

**Former Uses:** Crane base

**Assessed** **Local**

**Endorsed Significance:**

**Significance:**

**Statement of Significance:**

The crane base (15 ton crane) is significant as a remnant of one of the original 12 hydraulic cranes installed along the dyke between 1877-1888 operated by hydraulic power provided by the nearby Hydraulic Power House. The crane bases are historically significant as a record of the essential importance of these machines in the working of the Port. These cranes were used from the 1870s until c1936 for the loading of coal.

**Historical Notes or Provenance:** Between 1877 and 1888, twelve cranes were installed along The Dyke. They were operated by hydraulic power provided by the nearby Hydraulic Power House.

This was the base for one of the first cranes, installed in 1878 and subsequently known as Dyke Crane No.10. It had a lifting capacity of 15 tons and could reach beyond the front of the wharf for a distance of 15 ft. 6ins. It was raised 3 metres in 1911. The crane was used for coal loading, lifting coal hoppers from their underframes for release directly into ships' holds. Hydraulic cranes were used from 1877 until c.1936, but the last crane was not removed until 1964. Dyke Crane No.10 was decommissioned in the 1930s and demolished in 1956.

**Themes:**

**National Theme**

**State Theme**

**Local Theme**

3. Economy

Technology

coal loading

3. Economy

Transport

The shipping of coal and other goods

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.10  
**Location:** Carrington [Newcastle City]  
**SHI Number** 3930022

**Designer:**

**Maker / Builder:**

**Year Started:** 1877      **Year Completed:** 1888      **Circa:**

**Physical Description:** Square brick crane base with concrete screed topping, located underneath Dyke No.1 dolphin.

**Physical Condition:** Appears good. Largely obscured by dolphin.

**Modification Dates:** Raised in 1911. The crane was demolished in 1936.

**Recommended**

**Management:** Follow Conservation Management Plan 2005. Repair with **lime mortar** (*not* cement) as necessary. Maintain as part of group.

**Management:**

**Further Comments:**

**Criterion (a)** The crane base is significant as a remnant of one of original 12 hydraulic cranes installed along the dyke between 1877-1888 operated by hydraulic power provided by the nearby Hydraulic Power House. The crane bases are historically significant as a record of the essential importance of these machines in the working of the Port. These cranes were used from the 1870s until c1936 for the loading of coal.

**Criterion (b)**

**Criterion (c)**

**Criterion (d)**

**Criterion (e)**

**Criterion (f)** Rare historical record of hydraulic cranes in Australia. The rare technical significance of these hydraulic cranes is diminished by the removal of the cranes.

**Criterion (g)** All though not intact, the item demonstrates the location and process by which coal was loaded.

**Integrity / Intactness:** Good

**References:**

<b>Studies:</b>	<b>Author</b>	<b>Title</b>	<b>Number</b>	<b>Year</b>
	Suters Architects	s170 Heritage & Conservation Register		2001

**Parcels:**

**Latitude:**

**Location validity:**

**Map Name:**

**Longitude:**

**Spatial Accuracy:**

**Map Scale:**

# Port of Newcastle Heritage and Conservation Register

Item Name: **Crane Base No.10**  
Location: **Carrington [Newcastle City]**  
SHI Number **3930022**

Map Name:  
AMG Zone:

Easting:

Map Scale:  
Northing:

Listings: Name: *State Environmental Planning Policy (Three Ports) 2013* Title: Bullock Island Crane Bases Number: Date: 2011

Custom Field One:

Custom Field Two:

Custom Field Three:

Custom Field Four:

Custom Field Five:

Custom Field Six:

Data Entry: Date First Entered: 03/08/2001 Date Updated: 28/09/2013 Status: Completed

# Port of Newcastle Heritage and Conservation Register

**Image:**



**Caption:** Crane Base No.10

**Copyright:** Suters Architects

**Image by:** Euan Melville

**Image Date:** 7/09/2001

**Image Number:** BW4:13

**Image Path:**

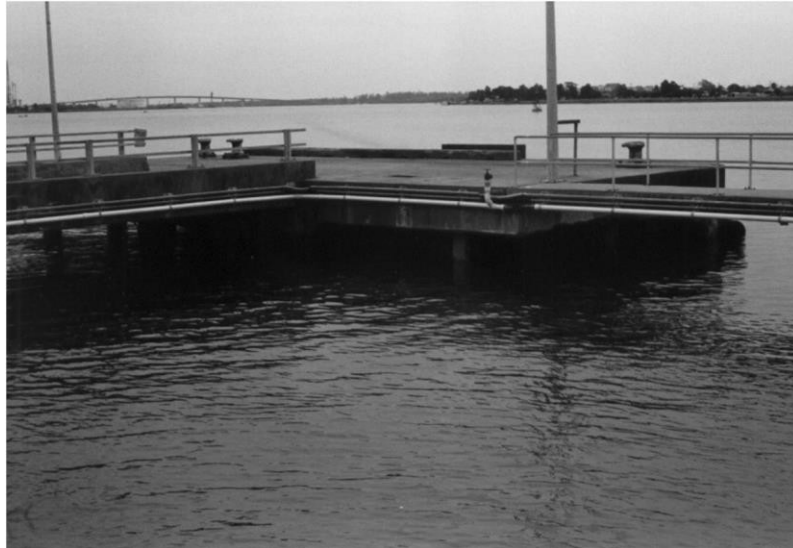
**Image File:** 3930022a.jpg

**Thumb Nail Path:**



# Port of Newcastle Heritage and Conservation Register

**Image:**



**Caption:** Concrete 'dolphin' under which is located Crane Base No.10

**Copyright:** Suters Architects

**Image by:** Euan Melville

**Image Date:** 7/09/2001

**Image Number:** BW4:14

**Image Path:**

**Image File:** 3930022b.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.10  
**Location:** Carrington [Newcastle City]  
**SHI Number:** 3930022

**Image:**



**Caption:** Crane Base No.10

**Copyright:** EJE Architecture

**Image by:** Shea Hedley

**Image Date:** 16/02/2007

**Image Number:**

**Image Path:**

**Image File:** 3930022c.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

Item Name: **Crane Base No.8**  
 Location: **Carrington [Newcastle City]**  
 SHI Number **3930023**

**Address:** 140 Bourke Street Carrington 2294  
**Suburb / Nearest** Lot 5 DP 1104199  
**Town:**  
**Local Govt Area:** Newcastle  
**State:** NSW

**DP&I Region:** Hunter & Central Coast  
**Historic Region:** Lower Hunter

**Parish:**  
**County:**

**Other/Former Names:**

**Area/Group/Complex:** Dyke Point Crane Bases

**Group ID:**

**Aboriginal Area:** Awabakal

**Curtilage/Boundary:**

**Item Type:** Built **Group:** Transport - Water  
**Owner:** NSW Roads and Maritime

**Category:** Other - Transport - Water

**Admin Codes:**

**Code 2:**

**Code 3:**

**Current Use:** Walkway access and mooring

**Former Uses:** Crane base

**Assessed**

**Local**

**Endorsed Significance:**

**Significance:**

**Statement of Significance:**

The crane base (15 ton crane) is significant as a remnant of one of the original 12 hydraulic cranes installed along the dyke between 1877-1888 operated by hydraulic power provided by the nearby Hydraulic Power House. The crane bases are historically significant as a record of the essential importance of these machines in the working of the Port. These cranes were used from the 1870s until c1936 for the loading of coal.

**Historical Notes or Provenance:**

Between 1877 and 1888, twelve cranes were installed along The Dyke. They were operated by hydraulic power provided by the nearby Hydraulic Power House. This was the base for one of the earliest cranes, installed in 1878 and subsequently known as Dyke Crane No.8. It had a lifting capacity of 15 tons and could reach beyond the front of the wharf for a distance of 15ft. 6ins. It was raised 3 metres in 1911. The crane was used essentially for coal loading, lifting coal hoppers from rail bogies for release of the coal directly into the ships. Hydraulic cranes were used from 1877 until c.1936 but the last crane was not removed until 1964. Dyke Crane No. 8 was decommissioned in the 1930s, and demolished in 1936.

**Themes:**

<b>National Theme</b>	<b>State Theme</b>	<b>Local Theme</b>
3. Economy	Technology	coal loading
3. Economy	Transport	The shipping of coal and other goods

**Designer:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.8  
**Location:** Carrington [Newcastle City]  
**SHI Number** 3930023

**Maker / Builder:**

**Year Started:** 1877      **Year Completed:** 1888      **Circa:** No

**Physical Description:** Square brick structure with sandstone block capping, concrete screed topping, smaller square concrete slab, and concrete plinth with two steel bollards. Timber bridge gives access. Several timber piles (remnant of timber dolphin) located in water just in front of base.

**Physical Condition:** Fair. Some brickwork deteriorated.

**Modification Dates:** Raised 3 metres in 1911. The crane was demolished in 1936.

**Management:** Follow State Agency Heritage Guide.

**Recommended Management:** Maintain as part of group. Replace timber access bridge when necessary. Conserve remnants of timber dolphin. Repair brickwork where necessary.

**Further Comments:**

**Criterion ( a )** The crane base is significant as a remnant of one of the original 12 hydraulic cranes installed along the dyke between 1877-1888 operated by hydraulic power provided by the nearby Hydraulic Power House. The crane bases are historically significant as a record of the essential importance of these machines in the working of the Port. These cranes were used from the 1870s until c1936 for the loading of coal.

**Criterion ( b )**

**Criterion ( c )**

**Criterion ( d )**

**Criterion ( e )**

**Criterion ( f )** Rare historical record of hydraulic cranes in Australia. The rare technical significance of these hydraulic cranes is diminished by the removal of the cranes.

**Criterion ( g )** All though not intact, the process by which coal was loaded, and the former location of can the cranes, can be demonstrated by this item.

**Integrity / Intactness:** Fair

**References:**

<b>Studies:</b>	<b>Author</b>	<b>Title</b>	<b>Number</b>	<b>Year</b>
	Suters Architects	s170 Heritage & Conservation Register		2001

**Parcels:**

**Latitude:**

**Location validity:**

**Longitude:**

**Spatial Accuracy:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.8  
**Location:** Carrington [Newcastle City]  
**SHI Number** 3930023

**Map Name:**

**AMG Zone:**

**Easting:**

**Map Scale:**

**Northing:**

**Listings:**Name: *State Environmental Planning Policy (Three Ports) 2013* Title: Bullock Island Crane Bases

**Number:**

**Date:** 2011

**Custom Field One:**

**Custom Field Two:**

**Custom Field Three:**

**Custom Field Four:**

**Custom Field Five:**

**Custom Field Six:**

**Data Entry:**

**Date First Entered:**03/08/2001

**Date Updated:**28/09/2013

**Status:** Completed

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.8  
**Location:** Carrington [Newcastle City]  
**SHI Number:** 3930023



**Caption:**Crane Base No.8

**Copyright:**Suters Architects

**Image by:**Linda Smith

**Image Date:**7/08/2001

**Image Number:**BW4:16

**Image Path:**

**Image File:**3930023b.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.8  
**Location:** Carrington [Newcastle City]  
**SHI Number:** 3930023

**Image:**



**Caption:** Crane Base No.8  
**Copyright:** Suters Architects  
**Image by:** Linda Smith  
**Image Date:** 7/08/2001  
**Image Number:** BW4:15  
**Image Path:**  
**Image File:** 3930023a.jpg  
**Thumb Nail Path:**



# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.8  
**Location:** Carrington [Newcastle City]  
**SHI Number** 3930023

**Image:**



**Caption:** Crane Base No.8

**Copyright:** EJE Architecture

**Image by:** Shea Hedley

**Image Date:** 16/02/2007

**Image Number:**

**Image Path:**

**Image File:** 3930023c.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.8  
**Location:** Carrington [Newcastle City]  
**SHI Number** 3930023

**Image:**



**Caption:** Crane Base No.8

**Copyright:** EJE Architecture

**Image by:** Shea Hedley

**Image Date:** 16/02/2007

**Image Number:**

**Image Path:**

**Image File:** 3930023d.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

Item Name: **Crane Base No.7**  
 Location: **Carrington [Newcastle City]**  
 SHI Number **3930024**

**Address:** 140 Bourke Street Carrington 2294  
**Suburb / Nearest** Lot 5 DP 1104199  
**Town:**  
**Local Govt Area:** Newcastle  
**State:** NSW

**DP&I Region:** Hunter & Central Coast  
**Historic Region:** Lower Hunter

**Parish:**  
**County:**

**Other/Former Names:**

**Area/Group/Complex:** Dyke Point Crane Bases

**Group ID:**

**Aboriginal Area:** Awabakal

**Curtilage/Boundary:**

**Item Type:** Built **Group:** Transport - Water  
**Owner:** NSW Roads and Maritime

**Category:** Other - Transport - Water

**Admin Codes:** **Code 2:**

**Code 3:**

**Current Use:** Walkway from mooring

**Former Uses:** Crane base

**Assessed** **Local**

**Endorsed Significance:**

**Significance:**

**Statement of Significance:**

The crane base (15 ton crane) is significant as a remnant of one of the original 12 hydraulic cranes installed along the dyke between 1877-1888 operated by hydraulic power provided by the nearby Hydraulic Power House. The crane bases are historically significant as a record of the essential importance of these machines in the working of the Port. These cranes were used from the 1870s until c1936 for the loading of coal.

**Historical Notes or Provenance:**

Between 1877 and 1888, twelve cranes were installed along The Dyke. They were operated by hydraulic power provided by the nearby Hydraulic Power House. This was the base for one of the earliest cranes, installed in 1878 and subsequently known as Dyke Crane No.7. It had a lifting capacity of 15 tons and could reach beyond the front of the wharf for a distance of 15ft. 6ins. It was raised 3 metres in 1911. The crane was used essentially for coal loading, lifting coal hoppers from rail bogies for release of the coal directly into the ships. Hydraulic cranes were used from 1877 until c.1936, but the last crane was not removed until 1964. Dyke Crane No. 7 was demolished in 1936.

**Themes:**

**National Theme**

3. Economy

3. Economy

**State Theme**

Technology

Transport

**Local Theme**

coal loading

The shipping of coal and other goods

**Designer:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.7  
**Location:** Carrington [Newcastle City]  
**SHI Number** 3930024

**Maker / Builder:**

**Year Started:** 1877      **Year Completed:** 1888      **Circa:** No

**Physical Description:** Square brick structure with sandstone block capping, concrete topping slab and smaller concrete slab/plinth on top with single steel bollard. Timber access bridge built on top of what appears to be older timber access structure. Remnant timber piles in water just to front of base, with metal connector plates(?).

**Physical Condition:** Fair.

**Modification Dates:** Raised 3 metres in 1911. The crane was demolished in 1936.

**Management:**

Follow State  
Agency Heritage Guide.

**Recommended**

**Management:** Maintain as part of group. Replace newer timber access bridge when necessary . Conserve timber access. Repair brickwork **with lime mortar**; repair with sandstone where necessary. Maintain timber piles and metal connector plates.

**Further Comments:**

**Criterion (a)** The crane base is significant as a remnant of one of the original 12 hydraulic cranes installed along The Dyke between 1877-1888 operated by hydraulic power provided by the nearby Hydraulic Power House. The crane bases are historically significant as a record of the essential importance of these machines in the working of the Port. These cranes were used from the 1870s until c1936 for the loading of coal.

**Criterion (b)**

**Criterion (c)**

**Criterion (d)**

**Criterion (e)**

**Criterion (f)** Rare historical record of hydraulic cranes in Australia. The rare technical significance of these hydraulic cranes is diminished by the removal of the cranes.

**Criterion (g)** All though not intact, the process by which coal was loaded and the former location of the cranes can be demonstrated by this item.

**Integrity / Intactness:** Fair

**References:**

<b>Studies:</b>	<b>Author</b>	<b>Title</b>	<b>Number Year</b>
	Suters Architects	s170 Heritage & Conservation Register	2001

**Parcels:**

**Latitude:**

**Longitude:**

# Port of Newcastle Heritage and Conservation Register

Item Name: **Crane Base No.7**  
Location: **Carrington [Newcastle City]**  
SHI Number **3930024**

Latitude:  
Location validity:  
Map Name:

Spatial Accuracy:  
Map Scale:

AMG Zone:

Easting:

Northing:

Listings: Name: *State Environmental Planning Policy (Three Ports) 2013* Title: Bullock Island CraneBases Number: Date:  
2011

Custom Field One:

Custom Field Two:

Custom Field Three:

Custom Field Four:

Custom Field Five:

Custom Field Six:

Data Entry: Date First Entered:03/08/2001

Date Updated:28/09/2013

Status: Completed

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.7  
**Location:** Carrington [Newcastle City]  
**SHI Number** 3930024

**Image:**



**Caption:** Crane Base No.7

**Copyright:** Suters Architects

**Image by:** Linda Smith

**Image Date:** 7/08/2001

**Image Number:** BW4:18

**Image Path:**

**Image File:** 3930024b.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.7  
**Location:** Carrington [Newcastle City]  
**SHI Number** 3930024

**Image:**



**Caption:** Crane Base No.7

**Copyright:** Suters Architects

**Image by:** Linda Smith

**Image Date:** 7/08/2001

**Image Number:**

**Image Path:**

**Image File:** 3930024a.jpg

**Thumb Nail Path:**



# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.7  
**Location:** Carrington [Newcastle City]  
**SHI Number:** 3930024

**Image:**



**Caption:** Crane Base No.7; RAN Anzac class frigate *HMAS Parramatta* is alongside.

**Copyright:** EJE Architecture

**Image by:** Shea Hedley

**Image Date:** 16/02/2007

**Image Number:**

**Image Path:**

**Image File:** 3930024c.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.7  
**Location:** Carrington [Newcastle City]  
**SHI Number:** 3930024

**Image:**



**Caption:** Crane Base No.7

**Copyright:** EJE Architecture

**Image by:** Shea Hedley

**Image Date:** 16/02/2007

**Image Number:**

**Image Path:**

**Image File:** 3930024d.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** **Crane Base No.6**  
**Location:** **Carrington [Newcastle City]**  
**SHI Number** **3930025**

**Address:** 140 Bourke Street Carrington 2294  
**Suburb / Nearest** Lot 5 DP 1104199  
**Town:**  
**Local Govt Area:** Newcastle  
**State:** NSW

**DP&I Region:** Hunter & Central Coast  
**Historic Region:** Lower Hunter

**Parish:** Newcastle  
**County:** Northumberland

**Other/Former Names:**

**Area/Group/Complex:** Dyke Point Crane Bases

**Group ID:**

**Aboriginal Area:** Awabakal

**Curtilage/Boundary:**

**Item Type:** Built **Group:** Transport - Water  
**Owner:** NSW Roads and Maritime

**Category:** Other - Transport - Water

**Admin Codes:**

**Code 2:**

**Code 3:**

**Current Use:** Walkway access from mooring

**Former Uses:** Crane base

**Assessed**

**Local**

**Endorsed Significance:**

**Significance:**

**Statement of Significance:**

The crane base is significant as a remnant of one of the 12 hydraulic cranes installed along the dyke between 1877-1888. The crane bases are historically significant as a record of the essential importance of these machines in the working of the Port. These cranes were used from the 1870s until c1936 for the loading of coal.

**Historical Notes or Provenance:**

Between 1877 and 1888, twelve cranes were installed along The Dyke. They were operated by hydraulic power provided by the nearby Hydraulic Power House. This was the base for a crane which was installed in 1880 and became known as Dyke Crane No.6. It had a lifting capacity of 25 tons and could reach beyond the front of the wharf for a distance of 20ft. 6 ins. The crane was used essentially for coal loading, lifting coal hoppers from rail bogies for release of the coal directly into the ships. Hydraulic cranes were used from 1877 until c.1936, but the last crane was not removed until 1964. Dyke Crane No. 6 was scrapped in 1956.

**Themes:**

**National Theme**

**State Theme**

**Local Theme**

3. Economy

Technology

coal loading

3. Economy

Transport

The shipping of coal and other goods

**Designer:** Sir W.G. Armstrong and Company.

**Maker / Builder:** Unknown

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.6  
**Location:** Carrington [Newcastle City]  
**SHI Number** 3930025

**Year Started:** 1877      **Year Completed:** 1888      **Circa:** No

**Physical Description:** Circular brickwork structure with square sandstone block plinth and concrete slab within riveted steel formwork structure (for crane anchor bolts?). Two steel bollards. Timber access bridge.

**Physical Condition:** Fair to poor. Severe mortar deterioration. Bricks missing.

**Modification Dates:** Crane demolished in 1936.

**Recommended Management:** Maintain as part of group. Repair with **lime mortar** as necessary. Replace access bridge when necessary.

**Management:** Follow State Agency Heritage Guide.

## Further Comments:

**Criterion (a)** The crane base is significant as a remnant of one of the 12 hydraulic cranes installed along The Dyke between 1877-1888. The crane bases are historically significant as a record of the importance of these machines in the working of the Port. These cranes were used from the 1870s until c1936 for the loading of coal.

**Criterion (b)**

**Criterion (c)**

**Criterion (d)**

**Criterion (e)**

**Criterion (f)**

**Criterion (g)** All though not intact the process by which coal was loaded, as well as the location of the cranes, can be demonstrated by this item.

**Integrity / Intactness:** Fair to Poor

## References:

<b>Studies:</b>	<b>Author</b>	<b>Title</b>	<b>Number</b>	<b>Year</b>
	Suters Architects	s170 Heritage & Conservation Register		2001

## Parcels:

**Latitude:**

**Longitude:**

**Location validity:**

**Spatial Accuracy:**

**Map Name:**

**Map Scale:**

**AMG Zone:**

**Easting:**

**Northing:**

**Listings:** Name: *State Environmental Planning Policy (Three Ports) 2013*

**Title:** Bullock Island Crane Bases      **Number:**      **Date:** 2011

# Port of Newcastle Heritage and Conservation Register

Item Name: **Crane Base No.6**  
Location: **Carrington [Newcastle City]**  
SHI Number **3930025**

Custom Field One:

Custom Field Two:

Custom Field Three:

Custom Field Four:

Custom Field Five:

Custom Field Six:

**Data Entry:** Date First Entered:03/08/2001

**Date Updated:**28/09/2013

**Status:** Completed

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.6  
**Location:** Carrington [Newcastle City]  
**SHI Number** 3930025

**Image:**



**Caption:** Crane Base No.6

**Copyright:** Suters Architects

**Image by:** Linda Smith

**Image Date:** 7/08/2001

**Image Number:** BW4:6

**Image Path:**

**Image File:** 3930025b.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.6  
**Location:** Carrington [Newcastle City]  
**SHI Number** 3930025

**Image:**



**Caption:** Crane Base No.6

**Copyright:** Suters Architects

**Image by:** Linda Smith

**Image Date:** 7/08/2001

**Image Number:**

**Image Path:**

**Image File:** 3930025a.jpg

**Thumb Nail Path:**



# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.6  
**Location:** Carrington [Newcastle City]  
**SHI Number:** 3930025

**Image:**



**Caption:** Crane Base No.6  
**Copyright:** EJE Architecture  
**Image by:** Shea Hedley  
**Image Date:** 16/02/2007  
**Image Number:**  
**Image Path:**  
**Image File:** 3930025c.jpg  
**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

Item Name: **Crane Base No.5**  
 Location: **Carrington [Newcastle City]**  
 SHI Number **3930026**

**Address:** 140 Bourke Street Carrington 2294 **DP&I Region:** Hunter & Central Coast  
**Suburb / Nearest Town:** Lot 219 DP 1195310 **Historic Region:** Lower Hunter  
**Local Govt Area:** Newcastle **Parish:** Newcastle  
**State:** NSW **County:** Northumberland

**Other/Former Names:**  
**Area/Group/Complex:** Dyke Point Crane Bases **Group ID:**  
**Aboriginal Area:** Awabakal  
**Curtilage/Boundary:**  
**Item Type:** Built **Group:** Transport - Water **Category:** Other - Transport - Water  
**Owner:** Port of Newcastle Lessor Pty Limited  
**Admin Codes:** **Code 2:** **Code 3:**  
**Current Use:** Access to Port Authority of NSW helicopterbase  
**Former Uses:** Crane base  
**Assessed Significance:** **Local** **Endorsed Significance:**

**Statement of Significance:** The crane base (15 ton crane) is significant as a remnant of one of 12 hydraulic cranes installed along the dyke between 1877-1888. The crane bases are historically significant as a record of the importance of these machines in the working of the Port. These cranes were used from the 1870s until c1936 for the loading of coal.

**Historical Notes or Provenance:** Between 1877 and 1888, twelve cranes were installed along The Dyke. They were operated by hydraulic power provided by the nearby Hydraulic Power House.

This was the base for a crane installed in 1888, which became known as Dyke Crane No.5. It had a lifting capacity of 15 tons and could reach beyond the front of the wharf for a distance of 15ft. 6ins. The crane was used essentially for coal loading, lifting coal hoppers from underframes for release of the coal directly into the ships. The cranes were used from 1877 until c. 1936, but the last of them was not removed until 1964.

Dyke Crane No.5 was demolished in 1936.

<b>Themes:</b>	<b>National Theme</b>	<b>State Theme</b>	<b>Local Theme</b>
	3. Economy	Technology	coal loading
	3. Economy	Transport	The shipping of coal and other goods

**Designer:**

**Maker / Builder:**

# Port of Newcastle Heritage and Conservation Register

Item Name: **Crane Base No.5**  
Location: **Carrington [Newcastle City]**  
SHI Number **3930026**

**Maker / Builder:**  
**Year Started:** 1877      **Year Completed:** 1888      **Circa:** No

**Physical Description:** Currently used at Marine Pilots landing point. Circular brick structure with concrete slab on top and timber access bridge to shore. Timber framed steel access ladder at front.  
**Physical Condition:** Fair. Brickwork deteriorating in places.

**Modification Dates:** Crane demolished in 1936.

**Recommended Management:** Maintain as part of group. Repair brickwork as necessary **with lime mortar**. Replace concrete slab, ladder and access bridge as necessary.

**Management:** Follow State Agency Heritage Guide.

**Further Comments:**

**Criterion ( a )** The crane base is significant as a remnant of one of 12 hydraulic cranes installed along the dyke between 1877-1888. The crane bases are historically significant as a record of the essential importance of these machines in the working of the Port. These cranes were used from the 1870s until c1936 for the loading of coal.

**Criterion ( b )**

**Criterion ( c )**

**Criterion ( d )**

**Criterion ( e )**

**Criterion ( f )**

**Criterion ( g )** All though not intact, the process by which coal was loaded and the location of the cranes can be demonstrated by this item.

**Integrity / Intactness:** Fair

**References:**

<b>Studies:</b>	<b>Author</b>	<b>Title</b>	<b>Number</b>	<b>Year</b>
	Suters Architects	s170 Heritage & Conservation Register		2001

**Parcels:**

**Latitude:**

**Location validity:**

**Map Name:**

**Longitude:**

**Spatial Accuracy:**

**Map Scale:**

**AMG Zone:**

**Easting:**

**Northing:**

**Listings:** Name: *State Environmental Planning Policy (Three Ports) 2013*

**Title:** Bullock Island Crane Bases

**Number: Date:** 2011

# Port of Newcastle Heritage and Conservation Register

Item Name: **Crane Base No.5**  
Location: **Carrington [Newcastle City]**  
SHI Number **3930026**

Custom Field One:

Custom Field Two:

Custom Field Three:

Custom Field Four:

Custom Field Five:

Custom Field Six:

**Data Entry:** Date First Entered:03/08/2001

**Date Updated:** 28/09/2013

**Status:** Completed

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.5  
**Location:** Carrington [Newcastle City]  
**SHI Number** 3930026

**Image:**



**Caption:** Crane Base No.5

**Copyright:** Suters Architects

**Image by:** Linda Smith

**Image Date:** 7/08/2001

**Image Number:** BW4:21

**Image Path:**

**Image File:** 3930026.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.5  
**Location:** Carrington [Newcastle City]  
**SHI Number** 3930026

**Image:**



**Caption:** Crane Base No.5

**Copyright:** EJE Architecture

**Image by:** Shea Hedley

**Image Date:** 16/02/2007

**Image Number:**

**Image Path:**

**Image File:** 3930026a.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

Item Name: **Crane Base No.4**  
 Location: **Carrington [Newcastle City]**  
 SHI Number **3930027**

**Address:** 140 Bourke Street Carrington 2294  
**Suburb / Nearest Town:** Lot 93 DP 1193181  
**Local Govt Area:** Newcastle  
**State:** NSW

**DP&I Region:** Hunter & Central Coast  
**Historic Region:** Lower Hunter  
**Parish:** Newcastle  
**County:** Northumberland

**Other/Former Names:**

**Area/Group/Complex:** Dyke Point Crane Bases

**Group ID:**

**Aboriginal Area:** Awabakal

**Curtilage/Boundary:**

**Item Type:** Built **Group:** Transport - Water

**Category:** Other - Transport - Water

**Owner:** Port of Newcastle Lessor Pty Limited

**Admin Codes:**

**Code 2:**

**Code 3:**

**Current Use:**

**Former Uses:** Crane base

**Assessed Significance:** **Local**

**Endorsed Significance:**

**Statement of Significance:**

The crane base (15 ton crane) is significant as a remnant of one of 12 hydraulic cranes installed along the dyke between 1877-1888. The crane bases are historically significant as a record of the essential importance of these machines in the working of the Port. These cranes were used from the 1870s until c1936 for the loading of coal.

**Historical Notes or Provenance:**

Between 1877 and 1888, twelve cranes were installed along The Dyke. They were operated by hydraulic power provided by the nearby Hydraulic Power House.

This was the base for a crane which was installed in 1888 and became known as Dyke Crane No.4. It had a lifting capacity of 15 tons and could reach beyond the front of the wharf for a distance of 15ft. 6ins. The crane was used essentially for coal loading, lifting hoppers from underframes for release of the coal directly into the ships. Hydraulic cranes were used from 1877 until c.1936, but the last crane was not removed until 1964. Dyke Crane No.4 was demolished in 1936.

**Themes:**

**National Theme**

**State Theme**

**Local Theme**

3. Economy

Technology

coal loading

3. Economy

Transport

The shipping of coal and other goods

**Designer:**

**Maker / Builder:**



# Port of Newcastle Heritage and Conservation Register

Item Name: **Crane Base No.4**  
 Location: **Carrington [Newcastle City]**  
 SHI Number **3930027**

**Year Started:** 1877      **Year Completed:** 1888      **Circa:** No

**Physical Description:** Circular brick structure with concrete infill and concrete plinth on top. Bricks made by Joseph Bowtell. Two steel bollards. Remnants of steel anchor bolts through structure.  
**Physical Condition:** Variable. Brickwork unstable in places.

**Modification Dates:** Crane demolished in 1936.

**Recommended Management:** Maintain as part of group. Repair brickwork **with lime mortar** (*not cement*) as necessary.

**Management:** Follow Conservation Management Plan (CMP).

**Further Comments:**

**Criterion (a)** The crane base is significant as a remnant of one of 12 hydraulic cranes installed along The Dyke between 1877-1888. The crane bases are historically significant as a record of the essential importance of these machines in the working of the Port. These cranes were used from the 1870s until c1936 for the loading of coal.

**Criterion (b)**

**Criterion (c)**

**Criterion (d)**

**Criterion (e)**

**Criterion (f)**

**Criterion (g)** All though not intact the location and process by which coal was loaded can be demonstrated by this item.

**Integrity / Intactness:** Fair

**References:**

Studies:	Author	Title	Number	Year
	Suters Architects	s170 Heritage & Conservation Register		2001

**Parcels:**

**Latitude:**

**Location validity:**

**Map Name:**

**Longitude:**

**Spatial Accuracy:**

**Map Scale:**

**AMG Zone:**

**Easting:**

**Northing:**

**Listings: Name:** *State Environmental Planning Policy (Three Ports) 2013*      **Title:** Bullock Island Crane Bases

**Number:**

**Date:** 2011

# Port of Newcastle Heritage and Conservation Register

Item Name: **Crane Base No.4**  
Location: **Carrington [Newcastle City]**  
SHI Number **3930027**

Custom Field One:

Custom Field Two:

Custom Field Three:

Custom Field Four:

Custom Field Five:

Custom Field Six:

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.4  
**Location:** Carrington [Newcastle City]  
**SHI Number** 3930027

**Image:**



**Caption:** Crane Base No.4

**Copyright:** Suters Architects

**Image by:** Linda Smith

**Image Date:** 7/08/2001

**Image Number:** BW4:22

**Image Path:**

**Image File:** 3930027.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.4  
**Location:** Carrington [Newcastle City]  
**SHI Number:** 3930027

**Image:**



**Caption:** Crane Base No.4

**Copyright:** EJE Architecture

**Image by:** Shea Hedley

**Image Date:** 16/02/2007

**Image Number:**

**Image Path:**

**Image File:** 3930027b.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.3  
**Location:** Carrington [Newcastle City]  
**SHI Number** 3930028

**Address:** 140 Bourke Street Carrington 2294  
**Suburb / Nearest** Lot 93, DP 1193181  
**Town:**  
**Local Govt Area:** Newcastle  
**State:** NSW

**DP&I Region:** Hunter & Central Coast  
**Historic Region:** Lower Hunter

**Parish:** Newcastle  
**County:** Northumberland

**Other/Former Names:**

**Area/Group/Complex:** Dyke Point Crane Bases

**Group ID:**

**Aboriginal Area:** Awabakal

**Curtilage/Boundary:**

**Item Type:** Built **Group:** Transport - Water  
**Owner:** Port of Newcastle Lessor Pty Limited

**Category:** Other - Transport - Water

**Admin Codes:**

**Code 2:**

**Code 3:**

**Current Use:**

**Former Uses:** Crane base

**Assessed**

**Local**

**Endorsed Significance:**

**Significance:**

**Statement of**

**Significance:**

The crane base is historically significant as a remnant of the early steam cranes that were moved from Queen's Wharf to the Dyke in 1889.

**Historical Notes  
or Provenance:**

This base supported one of the three steam cranes which were removed from Queen's Wharf and re-erected at The Dyke in 1889. This action followed a decision to centralise government coal loading activities at The Dyke, leaving the city wharves clear for general cargo. The three steam cranes, each of 15 tons capacity and an ability to reach beyond the front of the wharf for a distance of 14ft., were removed from The Dyke in 1908.

**Themes:**

**National Theme**

**State Theme**

**Local Theme**

3. Economy

Technology

coal loading

3. Economy

Transport

The shipping of coal and other goods

**Designer:**

**Maker / Builder:**

**Year Started:**

**Year Completed:** 1889

**Circa:** No

**Physical Description:** Circular brickwork structure with concrete slab on top. Two steel bollards. Solar lighting tower mounted on base.

**Physical Condition:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.3  
**Location:** Carrington [Newcastle City]  
**SHI Number** 3930028

**Physical Condition:** Fair to good. Brickwork deteriorated, particularly at water level.

**Modification Dates:** Crane removed in 1908.

**Recommended**

**Management:** Maintain as part of group. Repair brickwork as necessary.

**Management:** Produce a Conservation Management Plan (CMP).

**Further Comments:**

**Criterion (a)** The crane base is a significant record as a remnant of the early steam cranes that were moved from Queen's Wharf to the Dyke in 1889.

**Criterion (b)**

**Criterion (c)**

**Criterion (d)**

**Criterion (e)**

**Criterion (f)**

**Criterion (g)** All though not intact the location and process by which coal was loaded can be demonstrated by this item.

**Integrity / Intactness:** Fair

**References:**

<b>Studies:</b>	<b>Author</b>	<b>Title</b>	<b>Number</b>	<b>Year</b>
	Suters Architects	s170 Heritage & Conservation Register		2001

**Parcels:**

**Latitude:**

**Location validity:**

**Map Name:**

**Longitude:**

**Spatial Accuracy:**

**Map Scale:**

**AMG Zone:**

**Easting:**

**Northing:**

**Listings:** **Name:** State Environmental Planning Policy (Three Ports) 2013 **Title:** Bullock Island Crane Bases **Number:** **Date:** 2011

**Custom Field One:**

**Custom Field Two:**

**Custom Field Three:**

**Custom Field Four:**

# Port of Newcastle Heritage and Conservation Register

Item Name: **Crane Base No.3**  
Location: **Carrington [Newcastle City]**  
SHI Number **3930028**

Custom Field Five:

Custom Field Six:

**Data Entry:** Date First Entered:03/08/2001

Date Updated:28/09/2013

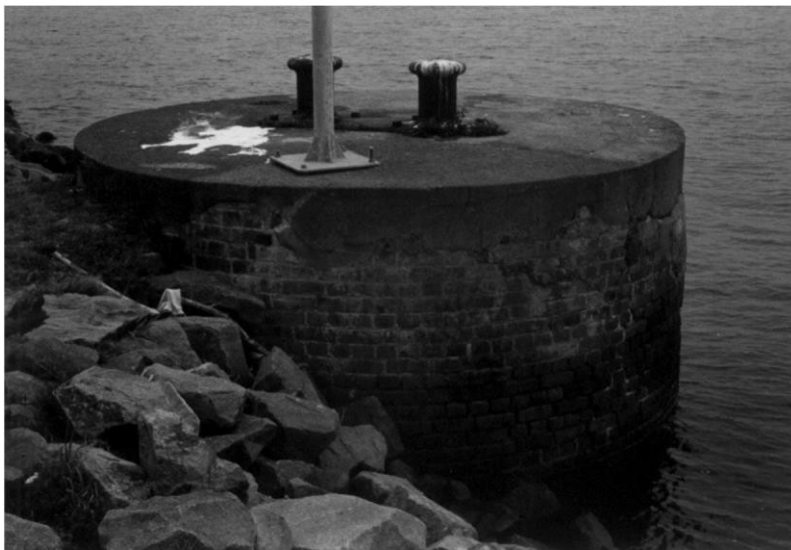
Status: Completed



# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.3  
**Location:** Carrington [Newcastle City]  
**SHI Number** 3930028

**Image:**



**Caption:** Crane Base No.3

**Copyright:** Suters Architects

**Image by:** Linda Smith

**Image Date:** 7/08/2001

**Image Number:**

**Image Path:**

**Image File:** 3930028.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.3  
**Location:** Carrington [Newcastle City]  
**SHI Number:** 3930028

**Image:**



**Caption:** Crane Base No.3

**Copyright:** EJE Architecture

**Image by:** Shea Hedley

**Image Date:** 16/02/2007

**Image Number:**

**Image Path:**

**Image File:** 3930028b.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** **Crane Base No.2**  
**Location:** **Carrington [Newcastle City]**  
**SHI Number** **3930029**

**Address:** 140 Bourke Street Carrington 2294  
**Suburb / Nearest** Lot 93, DP 1193181  
**Town:**  
**Local Govt Area:** Newcastle  
**State:** NSW

**DP&I Region:** Hunter & Central Coast  
**Historic Region:** Lower Hunter

**Parish:**  
**County:**

**Other/Former Names:**

**Area/Group/Complex:** Dyke Point Crane Bases  
**Aboriginal Area:** Awabakal

**Group ID:**

**Curtilage/Boundary:**

**Item Type:** Built  
**Owner:** Port of Newcastle Lessor Pty Limited

**Category:** Other - Transport - Water

**Admin Codes:**

**Code 2:**

**Code 3:**

**Current Use:**

**Former Uses:**

Crane base

**Assessed**

**Local**

**Endorsed Significance:**

**Significance:**

**Statement of**

**Significance:**

The crane base is historically significant as a remnant of the early steam cranes that were moved from Queen's Wharf to the Dyke in 1889.

**Historical Notes  
or Provenance:**

This base supported one of the three steam cranes which were removed from Queen's Wharf and re-erected on The Dyke in 1889. This action followed a decision to centralise government coal loading activities at The Dyke, leaving the city wharves clear for general cargo. The three steam cranes, each of 15 tons capacity and an ability to reach beyond the front of the wharf for a distance of 14ft., were removed from The Dyke in 1908.

**Themes:**

**National Theme**

**State Theme**

**Local Theme**

3. Economy

Technology

coal loading

3. Economy

Transport

The shipping of coal and other goods

**Designer:**

**Maker / Builder:**

**Year Started:**

**Year Completed:** 1889

**Circa:** No

**Physical Description:** Resting within seawall. Circular brick structure with concrete slab on top. Two steel bollards. Steel framed timber slatted seat mounted to base.

**Physical Condition:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.2  
**Location:** Carrington [Newcastle City]  
**SHI Number** 3930029

**Physical Condition:** Appears good. Brickwork at water's edge not inspected : may be deteriorating.

**Modification Dates:** Crane removed in 1908.

**Recommended Management:** Extend Conservation Management Plan to include all crane bases and Hydraulic Power House. Maintain as part of group. Repair brickwork as necessary.

**Management:** Produce a Conservation Management Plan (CMP).

## Further Comments:

**Criterion (a)** The crane base is a significant record as a remnant of the early steam cranes that were moved from Queen's Wharf to the Dyke in 1889.

**Criterion (b)**

**Criterion (c)**

**Criterion (d)**

**Criterion (e)**

**Criterion (f)**

**Criterion (g)** All though not intact the location and process by which coal was loaded can be demonstrated by this item.

**Integrity / Intactness:** Good

## References:

Studies:	Author	Title	Number	Year
	Suters Architects	s170 Heritage & Conservation Register		2001

## Parcels:

**Latitude:**

**Location validity:**

**Map Name:**

**AMG Zone:**

**Longitude:**

**Spatial Accuracy:**

**Map Scale:**

**Easting:**

**Northing:**

**Listings: Name:** State Environmental Planning Policy (Three Ports) 2013

**Title:** Bullock Island Crane Bases

**Number: Date:** 2011

**Custom Field One:**

**Custom Field Two:**

**Custom Field Three:**

**Custom Field Four:**

# Port of Newcastle Heritage and Conservation Register

Item Name: **Crane Base No.2**  
Location: **Carrington [Newcastle City]**  
SHI Number **3930029**

Custom Field Five:

Custom Field Six:

**Data Entry:** Date First Entered:03/08/2001

Date Updated:28/09/2013

Status: Completed

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.2  
**Location:** Carrington [Newcastle City]  
**SHI Number:** 3930029

**Image:**



**Caption:** Crane Base No.2  
**Copyright:** Suters Architects  
**Image by:** Linda Smith  
**Image Date:** 7/08/2001  
**Image Number:** BW4:24  
**Image Path:**  
**Image File:** 3930029.jpg  
**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.2  
**Location:** Carrington [Newcastle City]  
**SHI Number:** 3930029

**Image:**



**Caption:** Crane Base No.2

**Copyright:** EJE Architecture

**Image by:** Shea Hedley

**Image Date:** 16/02/2007

**Image Number:**

**Image Path:**

**Image File:** 3930029b.jpg

**Thumb Nail Path:**



# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.2  
**Location:** Carrington [Newcastle City]  
**SHI Number:** 3930029

**Image:**



**Caption:** Crane Base No.2

**Copyright:** EJE Architecture

**Image by:** Shea Hedley

**Image Date:** 16/02/2007

**Image Number:**

**Image Path:**

**Image File:** 3930029c.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.1  
**Location:** Carrington [Newcastle City]  
**SHI Number:** 3930030

**Address:** 140 Bourke Street Carrington 2294  
**Suburb / Nearest Town:** Lot 93 DP 1193181  
**Local Govt Area:** Newcastle  
**State:** NSW

**DP&I Region:** Hunter & Central Coast  
**Historic Region:** Lower Hunter  
**Parish:**  
**County:**

**Other/Former Names:**

**Area/Group/Complex:** Dyke Point Crane Bases

**Group ID:**

**Aboriginal Area:** Awabakal

**Curtilage/Boundary:**

**Item Type:** Built **Group:** Transport - Water

**Category:** Other - Transport - Water

**Owner:** Port of Newcastle Lessor Pty Limited

**Admin Codes:**

**Code 2:**

**Code 3:**

**Current Use:**

**Former Uses:** Crane base

**Assessed Significance:** Local

**Endorsed Significance:**

**Statement of Significance:** The crane base is historically significant as a remnant of the early steam cranes that were moved from Queen's Wharf to the Dyke in 1889.

**Historical Notes or Provenance:**

This base supported one of the three steam cranes which were removed from Queens Wharf and re-erected on The Dyke in 1889. This action followed a decision to centralise government coal loading activities at The Dyke, leaving the city wharves clear for general cargo. The three steam cranes, each of 15 tons capacity and an ability to reach beyond the front of the wharf for a distance of 14ft., were removed from The Dyke in 1908.

**Themes:**

**National Theme**

3. Economy

3. Economy

**State Theme**

Technology

Transport

**Local Theme**

coal loading

The shipping of coal and other goods

**Designer:**

**Maker / Builder:**

**Year Started:** 1889

**Year Completed:** 1889

**Circa:** No

**Physical Description:**

3/4 circular brick structure against seawall with concrete slab on top. Slab is pigmented, with decorative maritime motif in slight relief. A newer steel framed timber slatted seat and light pole and mounted on the slab. The sandstone-look concrete block retaining seawall begins immediately south of this crane base.

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.1  
**Location:** Carrington [Newcastle City]  
**SHI Number** 3930030

**Physical Condition:** Appears good.

**Modification Dates:** Crane removed in 1908.

**Recommended Management:** Maintain as part of group. Repair brickwork as necessary with limemortar.

**Management:** Follow State Agency Heritage Guide.

**Further Comments:**

**Criterion (a)** The crane base is a significant record as a remnant of the early steam cranes that were moved from Queen's Wharf to the Dyke in 1889.

**Criterion (b)**

**Criterion (c)**

**Criterion (d)**

**Criterion (e)**

**Criterion (f)**

**Criterion (g)** All though not intact the location and process by which coal was loaded can be demonstrated by this item.

**Integrity / Intactness:** Good

**References:**

<b>Studies:</b>	<b>Author</b>	<b>Title</b>	<b>Number</b>	<b>Year</b>
	Suters Architects	s170 Heritage & Conservation Register		2001

**Parcels:**

**Latitude:**

**Location validity:**

**Map Name:**

**AMG Zone:**

**Longitude:**

**Spatial Accuracy:**

**Map Scale:**

**Easting:**

**Northing:**

**Listings:** **Name:** *State Environmental Planning Policy (Three Ports) 2013* **Title:** Bullock Island Crane Bases **Number:** **Date:** 2011

**Custom Field One:**

**Custom Field Two:**

**Custom Field Three:**

# Port of Newcastle Heritage and Conservation Register

Item Name: **Crane Base No.1**  
Location: **Carrington [Newcastle City]**  
SHI Number **3930030**

Custom Field Four:

Custom Field Five:

Custom Field Six:

**Data Entry:** Date First Entered:03/08/2001

Date Updated:28/09/2013

Status: Completed

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.1  
**Location:** Carrington [Newcastle City]  
**SHI Number** 3930030

**Image:**



**Caption:** Crane Base No.1  
**Copyright:** Suters Architects  
**Image by:** Linda Smith  
**Image Date:** 7/08/2001  
**Image Number:** BW4:24a  
**Image Path:**  
**Image File:** 3930030.jpg  
**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Crane Base No.1  
**Location:** Carrington [Newcastle City]  
**SHI Number:** 3930030

**Image:**



**Caption:** Crane Base No.1

**Copyright:** EJE Architecture

**Image by:** Shea Hedley

**Image Date:** 16/02/2007

**Image Number:**

**Image Path:**

**Image File:** 3930030b.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** **Former McMyler Hoist**  
**Location:** **Dyke 3, Carrington [Newcastle City]**  
**SHI Number** **3930038**

**Address:** 140 Bourke Street Carrington 2294  
**Suburb / Nearest** Lot 219 DP 1195310  
**Town:**  
**Local Govt Area:** Newcastle  
**State:** NSW

**DP&I Region:** Hunter & Central Coast  
**Historic Region:** Lower Hunter

**Parish:** Newcastle  
**County:** Northumberland

**Other/Former Names:** Newstan Coal Loader

**Area/Group/Complex:**

**Group ID:**

**Aboriginal Area:** Awabakal

**Curtilage/Boundary:**

**Item Type:** Built **Group:** Transport - Water  
**Owner:** Port of Newcastle Lessor Pty Limited

**Category:** Other - Transport - Water

**Admin Codes:**

**Code 2:**

**Code 3:**

**Current Use:**

**Former Uses:**

Coal loader base

**Assessed**

Local

**Endorsed Significance:**

**Significance:**

**Statement of Significance:**

The coal loader base is significant as a remnant of the first conveyor loader in the Port, operating from 1958 and replaced in 1967. This site is also significant as the location of the remnant base of the Mc Myler Hoist. The item demonstrates the evolution of coal loading in Newcastle between 1909 and 1967.

**Historical Notes or Provenance:**

The Newstan Coal Loader was constructed on the base of the McMyler Hoist, an ambitious but ill-considered coal loading device erected on The Dyke in 1909. Four of the hoists were imported, but only one was erected. Its breaking up of coal during loading prompted strong complaints from mining and shipping proprietors; these led to a Royal Commission, the recommendations of which caused the hoist to be placed out of use. It was not dismantled until 1933. In 1950 the Department of Railways began construction of the port's first conveyor loader on this site, but by 1956 it still had not been completed. The coal loader, known as the Newstan coal loader, came into use in 1958, funded from external sources within the mining industry. It was superseded by the Basin Coal loader in 1967, and was later demolished.

**Themes:**

**National Theme**

**State Theme**

**Local Theme**

3. Economy

Technology

Coal loading

3. Economy

Transport

The shipping of coal and other goods

**Designer:**

**Maker / Builder:**



# Port of Newcastle Heritage and Conservation Register

**Item Name:** **Former McMyler Hoist**  
**Location:** **Dyke 3, Carrington [Newcastle City]**  
**SHI Number** **3930038**

**Maker / Builder:**

**Year Started:** **Year Completed:** 1950 **Circa:** No

**Physical Description:** Large concrete platform surrounded by timber 'ordinance' fencing. Appears to have two slabs, one on top of the other. Two single steel bollards, one mounted at each of the eastern corners. Ramped access to west with remnant steel fixing points. Timber access stairs (recent).

**Physical Condition:** Appears good.

**Modification Dates:** Unknown.

## Recommended

**Management:** The Capital Dredging Project Approval provides for the demolition of the item, so as to make way for the construction of the Dyke Berth Box.

**Management:** Follow State Agency Heritage Guide with regard to demolition.

## Further Comments:

**Criterion (a)** The coal loader base is significant as a remnant of the first coal loader in the Port, operating from 1958 and replaced in 1967. This site is also significant as the location, containing the remnant base of the Mc Myler Hoist. The coal loader is historically significant as a record of the essential importance of this loader in the working of the Port from 1909 to 1967.

**Criterion (b)**

**Criterion (c)**

**Criterion (d)**

**Criterion (e)**

**Criterion (f)**

**Criterion (g)** The item demonstrates the progression of coal loading technology.

**Integrity / Intactness:** Good

<b>References:</b>	<b>Author</b>	<b>Title</b>	<b>Year</b>
	E. Coulin	'Evolution of Coal Loading in the Port of Newcastle', <i>Port of Sydney</i> , March 1959.	1959
	R. Melville	'In the Shadow of the McMyler Hoist? Coal Loading in the Port of Newcastle 1900-1960'	1996

<b>Studies:</b>	<b>Author</b>	<b>Title</b>	<b>Number</b>	<b>Year</b>
	Suters Architects	s170 Heritage & Conservation Register		2001

**Parcels:**

**Latitude:** **Longitude:**

# Port of Newcastle Heritage and Conservation Register

Item Name: **Former McMyler Hoist**  
Location: **Dyke 3, Carrington [Newcastle City]**  
SHI Number **3930038**

Location validity:

Map Name:

AMG Zone:

Listings: *State Environmental Planning Policy  
(Three Ports) 2013*

Custom Field One:

Custom Field Two:

Custom Field Three:

Custom Field Four:

Custom Field Five:

Custom Field Six:

Spatial Accuracy:

Map Scale:

Easting:

Northing:

Title: Former McMyler Hoist

Number:

Date: 2005

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Former McMyler Hoist  
**Location:** Dyke 3, Carrington [Newcastle City]  
**SHI Number:** 3930038

**Image:**



**Caption:** Dyke 3 Coal Loader Base (remnant of McMyler Hoist)

**Copyright:** Suters Architects

**Image by:** Linda Smith

**Image Date:** 7/08/2001

**Image Number:** BW4:3

**Image Path:**

**Image File:** 3930038b.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Former McMyler Hoist  
**Location:** Dyke 3, Carrington [Newcastle City]  
**SHI Number:** 3930038

**Image:**



**Caption:** Dyke 3 Coal Loader Base

**Copyright:** Suters Architects

**Image by:** Linda Smith

**Image Date:** 7/08/2001

**Image Number:** BW4:4

**Image Path:**

**Image File:** 3930038c.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Former McMyler Hoist  
**Location:** Dyke 3, Carrington [Newcastle City]  
**SHI Number:** 3930038

**Image:**



**Caption:** Dyke 3 Coal Loader Base

**Copyright:** Suters Architects

**Image by:** Linda Smith

**Image Date:** 7/08/2001

**Image Number:** BW4:2

**Image Path:**

**Image File:** 3930038a.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** Former McMyler Hoist  
**Location:** Dyke 3, Carrington [Newcastle City]  
**SHI Number:** 3930038

**Image:**



**Caption:** Dyke 3 Coal Loader Base

**Copyright:** EJE Architecture

**Image by:** Shea Hedley

**Image Date:** 16/02/2007

**Image Number:**

**Image Path:**

**Image File:** 3930038d.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** **Master Mechanic's Office**  
**Location:** **Selwyn St, Mayfield North [Newcastle City]**  
**SHI Number** Not yet allocated

**Address:** 99 Selwyn Street Mayfield North 2304  
**Suburb / Nearest** Lot 43 DP 1191982  
**Town:**  
**Local Govt Area:** Newcastle  
**State:** NSW  
**DP&I Region:** Hunter & Central Coast  
**Historic Region:** Lower Hunter  
**Parish:** Newcastle  
**County:** Northumberland

**Other/Former Names:**

**Area/Group/Complex:** **Group ID:**

**Aboriginal Area:** Awabakal

**Curtilage/Boundary:**

**Item Type:** Built **Group:** Industry **Category:** Other - Manufacturing

**Owner:** Port of Newcastle Lessor Pty Limited

**Current Use:** Vacant

**Former Uses:** Office

**Assessed** Local

**Endorsed Significance:**

**Significance:**

**Statement of Significance:**

Historically significant as an item of built heritage associated with the former BHP Iron and Steel Works. The application of Inter-War Mediterranean style architectural elements to a building of an otherwise simple design is evidence of the prestige of the Master Mechanic (chief mechanical engineer), the intermediary between the maintenance staff and senior management in the American-inspired management hierarchy. Constructed in 1933, a year of improvement in terms of trade after a very difficult period for the Steelworks. Centrally sited, ensuring effective supervision and communication, and timely repair in the case of breakdowns, allowing works engineers to develop local and specific knowledge of equipment and industrial processes.

**Historical Notes**

**or Provenance:**

**Themes:**

**National Theme**

3. Economy

3. Economy

**State Theme**

Industry

Technology

**Local Theme**

Development of steel industry

Engineering processes in steelmaking

**Designer:** Unknown; probably the Broken Hill Proprietary Company Ltd

**Maker / Builder:** Unknown; probably the Broken Hill Proprietary Company Ltd

**Year Started:** 1933 **Year Completed:** 1933 **Circa:** No

**Physical Description:** Inter-War Mediterranean style office building, in dry-pressed cavity brick. Original symmetry somewhat spoiled by intrusive alterations and additions at rear.

**Physical Condition:** Fair; deteriorating with proximity to salt water, and through lack of occupancy.

**Modification Dates:** Unknown

# Port of Newcastle Heritage and Conservation Register

**Item Name:** **Master Mechanic's Office**  
**Location:** **Selwyn Street, Mayfield North [Newcastle City]**  
**SHI Number:** Not yet allocated

**Recommended Management:** Approval has been given for the demolition of this item to make way for new port infrastructure.

**Management:** Follow State Agency Heritage Guide with regard to demolition.  
**Further Comments:**

**Criterion (a)** Historically important as evidence of the day-to-day operation and maintenance of steelmaking plant.  
**Criterion (b)**

**Criterion (c)**

**Criterion (d)**

**Criterion (e)**

**Criterion (f)**

**Criterion (g)** Representative of hierarchical management structures of the pre-War period, exhibiting the esteem in which highly-skilled engineers responsible for the physical operation and maintenance of the plant were held.

**Integrity / Intactness:** Fair

<b>References:</b>	<b>Author</b>	<b>Title</b>	<b>Year</b>
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<b>Studies:</b>	EJE Group/Peter Fenwick	BHP Steelworks CMP	1991
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**Parcels:**

**Latitude:**

**Location validity:**

**Map Name:**

**Longitude:**

**Spatial Accuracy:**

**Map Scale:**

**AMG Zone:**

**Easting:**

**Northing:**

**Listings:** *State Environmental Planning Policy (Three Ports) 2013*

**Custom Field One:**

**Custom Field Two:**

**Custom Field Three:**

**Custom Field Four:**

**Custom Field Five:**

**Custom Field Six:**

**Data Entry:** **Date First Entered:** 20/11/2013 **Date Updated:** 25/11/2013 **Status:** Partial



# Port of Newcastle Heritage and Conservation Register

**Item Name:** **Master Mechanic's Office**  
**Location:** **Selwyn Street, Mayfield North [Newcastle City]**  
**SHI Number** Not yet allocated

**Image:**



**Caption:** Master Mechanic's Office, looking north-west

**Copyright:** EJE Heritage

**Image by:** David Campbell

**Image Date:** 22/10/13

**Image Number:**

**Image Path:**

**Image File:** 100628874.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** **Master Mechanic's Office**  
**Location:** **Selwyn Street, Mayfield North [Newcastle City]**  
**SHI Number** Not yet allocated

**Image:**



**Caption:** Master Mechanic's Office, eastern elevation

**Copyright:** EJE Heritage

**Image by:** David Campbell

**Image Date:** 22/10/13

**Image Number:**

**Image Path:**

**Image File:** 100628875.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

**Item Name:** **Master Mechanic's Office**  
**Location:** **Selwyn Street, Mayfield North [Newcastle City]**  
**SHI Number** Not yet allocated

**Image:**



**Caption:** Master Mechanic's Office from the west, showing alterations and additions

**Copyright:** EJE Heritage

**Image by:** David Campbell

**Image Date:** 22/10/13

**Image Number:**

**Image Path:**

**Image File:** 100628880.jpg

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

Item Name: **Pattern Store**

Location: **Selwyn Street, Mayfield North [Newcastle City]**

SHI Number: Not yet allocated

**Address:** 99 Selwyn Street Mayfield North

**Suburb / Nearest** Lot 43 DP 1191982

**Town:**

**Local Govt Area:** Newcastle City

**State:** NSW

**DP&I Region:** Hunter & Central Coast

**Historic Region:** Lower Hunter

**Parish:** Newcastle

**County:** Northumberland

**Other/Former Names:**

**Area/Group/Complex:**

**Aboriginal Area:** Awabakal

**Curtilage/Boundary:**

**Item Type:** Built

**Owner:** Port of Newcastle Lessor Pty Limited

**Group:** Industry **Category:** Other - Manufacturing

**Group ID:**

**Admin Codes:**

**Code 2:**

**Code 3:**

**Current Use:**

**Former Uses:**

**Assessed Significance:** Local

**Endorsed Significance:**

**Statement of Significance:** It is part of the fabric of the Pattern Store, rather than the building itself, which is significant. The sandstone blocks of which it is constructed came originally from Duckenfield House, seat of the Hon. John Eales, at Duckenfield near Morpeth. BHP used the remainder of the stone to construct two staff residences at the corner of Crebert Street and Margaret Street, Mayfield, in proximity to the works. Duckenfield House was one of the grandest Colonial houses of NSW. **Historical Notes:** BHP in 1918 purchased Duckenfield Park House with a view to re-using the sandstone blocks making up the main body of the mansion. The stone was loaded into barges and floated down the Hunter River to the Steelworks. Here it was used to construct the Pattern Store, in which were stored wooden foundry patterns used to create shapes in tempered sand, into which molten metal was then poured and allowed to solidify, creating castings needed for various applications within the steelworks. Stone walls and bitumen-covered concrete roof had the benefit of fire resistance for preserving the valuable, but flammable, moulds.

<b>Themes:</b>	<b>National Theme</b>	<b>State Theme</b>	<b>Local Theme</b>
	3. Economy	Industry	Steelmaking

**Designer:** Thought to have been Mr Clary Rimpet.

**Maker / Builder:**

**Year Started:** 1917

**Year Completed:** 1917

**Circa:** Yes

**Physical Description:** Stone-built with flat bitumen-covered concrete roof.

**Physical Condition:** Poor.

# Port of Newcastle Heritage and Conservation Register

Item Name: **Pattern Store**

Location: **Selwyn Street, Mayfield North [Newcastle City]**

SHI Number: Not yet allocated

**Modification Dates:** Unknown

**Recommended** Approval has been given for the demolition of this item to make way for new port infrastructure; re-use stonework off-site.

**Management:**

**Management:** Follow State Agency Heritage Guide with regard to demolition.

**Further Comments:**

**Criterion (a)** Previously associated with an important facet of steel production at former BHP Iron and Steel Works.

**Criterion (b)**

**Criterion (c)**

**Criterion (d)**

**Criterion (e)**

**Criterion (f)**

**Criterion (g)** Contains stone from former Duckenfield Park House (demolished).

**Integrity / Intactness:** Poor

<b>References:</b>	<b>Author</b>	<b>Title</b>	<b>Year</b>
	Maitland Daily Mercury	'Hunt Club Ride to Duckenfield'	12/11/37, p. 9
	Christopher Jay	<i>A Future More Prosperous: The History of Ncle Steelworks</i>	1999, pp. 46-47

<b>Studies:</b>	<b>Author</b>	<b>Title</b>	<b>Number</b>	<b>Year</b>
	EJE Group/Peter Fenwick	Conservation Plan for BHP Steelworks, Port Waratah		1991
	EJE Heritage	Statement of Heritage Impact: Mayfield Intermodal Site		2013

**Parcels:**

**Latitude:**

**Location validity:**

**Map Name:**

**AMG Zone:**

**Listings:** *State Environmental Planning Policy (Three Ports) 2013*

**Custom Field One:**

**Custom Field Two:**

**Custom Field Three:**

**Custom Field Four:**

**Custom Field Five:**

**Custom Field Six:**

**Longitude:**

**Spatial Accuracy:**

**Map Scale:**

**Easting:**

**Northing:**

# Port of Newcastle Heritage and Conservation Register

Item Name: **Pattern Store**

Location: **Selwyn Street, Mayfield North [Newcastle City]**

SHI Number: Not yet allocated



**Caption:** Former BHP Pattern Store, from the south-west; note stone construction and flat concrete roof.

**Copyright:** EJE Heritage

**Image by:** David Campbell

**Image Date:** 22/10/13

**Image Number:**

**Image Path:**

**Image File:** 100348876.jpg

**Thumb Nail Path:**

**Data Entry:** Date First Entered: 14/11/13

Date Updated: 27/10/2013

Status: Completed

# Port of Newcastle Heritage and Conservation Register

Item Name: **Pattern Store**

Location: **Selwyn Street, Mayfield North [Newcastle City]**

SHI Number: Not yet allocated

Image:



**Caption:** Former BHP Pattern Store, from the west.

**Copyright:** EJE Heritage

**Image by:** David Campbell

**Image Date:** 22/10/13

**Image Number:**

**Image Path:**

**Image File:** 100348877.jpg

**Thumb Nail Path:**



# Port of Newcastle Heritage and Conservation Register

Item Name: **Pattern Store**

Location: **Selwyn Street, Mayfield North [Newcastle City]**

SHI Number: Not yet allocated

**Image:**



**Caption:** Former BHP Pattern Store, from the north-west.

**Copyright:** EJE Heritage

**Image by:** David Campbell

**Image Date:** 22/10/13

**Image Number:**

**Image Path:**

**Image File:** 100348879.jpg

**Thumb Nail Path:**



# Port of Newcastle Heritage and Conservation Register

**Item Name:** **Palm**  
**Location:** **Walsh Point, Kooragang Island [Newcastle City]**  
**SHI Number:** Not yet allocated

**Address:** 2A Heron Road Kooragang NSW 2304  
**Suburb / Nearest:** Lot 1 DP 757674  
**Town:**  
**Local Govt Area:** Newcastle City  
**State:** NSW

**DP&I Region:** Hunter & Central Coast  
**Historic Region:** Lower Hunter  
**Parish:** Newcastle  
**County:** Northumberland

**Other/Former Names:**

**Area/Group/Complex:**

**Group ID:**

**Aboriginal Area:** Awabakal

**Curtilage/Boundary:**

**Item Type:** Movable/Collection

**Group:** Transport – Water **Category:** Other - Transport - Water

**Owner:** Port of Newcastle Lessor Pty Limited

**Admin Codes:**

**Code 2:**

**Code 3:**

**Current Use:** Vacant

**Former Uses:** Vacant

**Assessed**

**Local**

**Endorsed Significance:**

**Significance:**

**Statement of**

Associated with the former New South Wales State Government Dockyard and Engineering Works, opened in November 1914. The Canary Island palm is said to have been part of the garden of the Manager's residence.

**Significance:**

**Historical Notes**

Walsh Island, originally unstable banks of deposited silt in the Hunter River, between 1897-1918 was built up with harbour silt by the Department of Public Works, and named after engineer Henry Walsh. In 1913, work began on the Dockyard, a result of the NSW Labor government's vision to concentrate the means of production in the public sector. Absent a bridge to the mainland, a Manager's residence was built at Walsh Point, allowing close supervision of the works. From the early 1950s, silt was pumped to join Walsh, Spectacle, Ash, Mocheto and Dempsey Islands into a single, large landform called Kooragang Island. The former Manager's house was demolished, its garden is located at the southern tip of Walsh Point.

**or Provenance:**

**Themes:**

**National Theme**

**State Theme**

**Local Theme**

3. Economy

Transport

Harbour Development

3. Economy

Transport

The shipping of coal and other goods

**Designer:** Unknown

**Maker / Builder:** Unknown

**Year Started:** Unknown **Year Completed:** Unknown **Circa:** Yes

**Physical Description:** Canary Island palm at Walsh Point, southernmost landform of former Walsh Island (now Kooragang Is.)

**Physical Condition:** Good.

**Modification Dates:** Unknown; house and garden abandoned along with Dockyard in 1933; relics still extant in the 1960s.

# Port of Newcastle Heritage and Conservation Register

**Item Name:** **Palm**  
**Location:** **Walsh Point, Kooragang Island [Newcastle City]**  
**SHI Number:** Not yet allocated

**Recommended Management:** Conserve within foreshore zone.

**Management:** Consult arborist as necessary.  
**Further Comments:**

**Criterion (a)** May be the sole remaining above-ground evidence of now-demolished Manager's residence and garden.  
**Criterion (b)**

**Criterion (c)**

**Criterion (d)**

**Criterion (e)**

**Criterion (f)**

**Criterion (g)** Representative of ornamental species much used by NSW government enterprises in the 1920s.

**Integrity / Intactness:** Fair

<b>References:</b>	<b>Author</b>	<b>Title</b>	<b>Year</b>
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**Studies:**

**Parcels:**

**Latitude:**

**Location validity:**

**Map Name:**

**Longitude:**

**Spatial Accuracy:**

**Map Scale:**

**AMG Zone:**

**Easting:**

**Northing:**

**Listings:** *State Environmental Planning Policy (Three Ports) 2013*

**Custom Field One:**

**Custom Field Two:**

**Custom Field Three:**

**Custom Field Four:**

**Custom Field Five:**

**Custom Field Six:**

**Data Entry:** **Date First Entered:** 07/11/13 **Date Updated:** 23/11/13 **Status:** Partial

# Port of Newcastle Heritage and Conservation Register

**Item Name:** **Palm**  
**Location:** **Walsh Point, Kooragang Island [Newcastle City]**  
**SHI Number:** Not yet allocated



**Caption:** Detail of Walsh Point Canary Island palm, originally identified in Newcastle LEPs.

**Copyright:** Port of Newcastle

**Image by:** Port of Newcastle

**Image Date:**

**Image Number:**

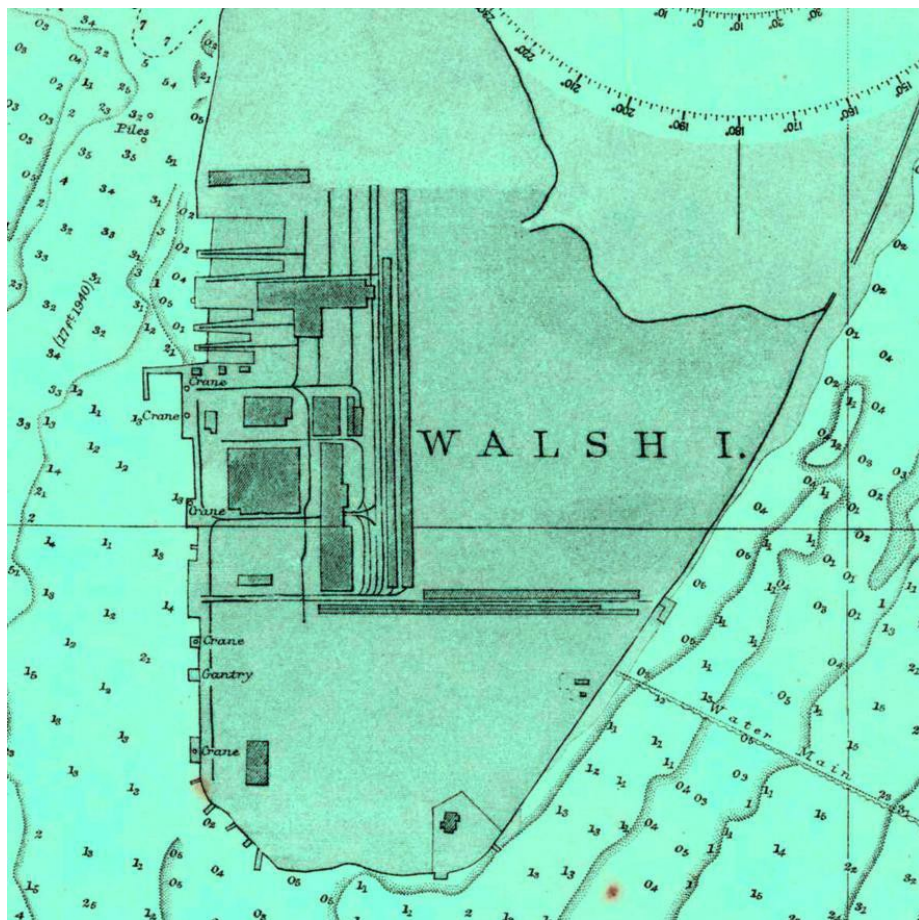
**Image Path:**

**Image File:**

**Thumb Nail Path:**

# Port of Newcastle Heritage and Conservation Register

Item Name: **Palm**  
Location: **Walsh Point, Kooragang Island [Newcastle City]**  
SHI Number: Not yet allocated



**Caption:** Detail from Plan of Newcastle Harbour, 1916, updated to 1941; Manager's residence and fenced grounds at bottom, centre of image.

**Copyright:** Expired.

**Image by:** University of Newcastle Cultural Collections; Admiralty Hydrographic Office, Taunton, Somerset.

**Image Date:** 26/11/2013

**Image Number:**

**Image Path:**

**Image File:**

**Thumb Nail Path:**