



# Port of Cape Flattery



**PORT HANDBOOK**

# PORT HANDBOOK

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*This document is a Port directory describing the general characteristics and facilities at the Port of Cape Flattery. The information contained in this document is produced in good faith and according to the knowledge available to Far North Queensland Ports Corporation Limited t/a Ports North at the time of publication. No warranty is given as to its accuracy. Any relevant service provider either included or not included in this Directory is welcome to email Ports North at [enquiries@portsnorth.com.au](mailto:enquiries@portsnorth.com.au) for correction or consideration of inclusion of its details in the next edition.*

## Table of Contents

<b>Overview.....</b>	<b>4</b>
<b>THE PORT OF CAPE FLATTERY.....</b>	<b>4</b>
Description .....	4
Facilities.....	4
Trade.....	4
Transport Links.....	4
<b>PORT AUTHORITY ROLE AT CAPE FLATTERY.....</b>	<b>5</b>
<b>TERMINAL OPERATOR ROLE AT CAPE FLATTERY .....</b>	<b>5</b>
KEY CONTACTS .....	6
<b>REGIONAL HARBOUR MASTER ROLE AT CAPE FLATTERY.....</b>	<b>7</b>
Contact .....	7
<b>SERVICES – NAVIGATION .....</b>	<b>8</b>
Location .....	8
Port Limits .....	8
Anchorage.....	9
Berth Facilities .....	9
Berth pocket (Length x Width).....	9
Nominal Depth LAT (At Berth Pocket).....	9
Restrictions .....	9
Depths of Water .....	9

# PORT HANDBOOK

---

<b>Pilotage.....</b>	<b>10</b>
General.....	10
Request for Pilot.....	10
Notice Required (For Pilotage and Berth).....	10
Tugs.....	10
Application to Berth.....	10
Bunkering.....	11
Cargo Completion.....	11
Communications.....	11
Extreme Weather Event (Cyclone) Procedures.....	11
Electrical Power.....	11
Emergency Services.....	11
Fresh Water.....	12
Fuel.....	12
Gangway/Deck Watchmen.....	12
Garbage Disposal.....	12
Line Boats.....	12
Port Notices/Port Rules and Charges.....	12
Pratique/Health Regulations.....	12
Oil Spill Procedures.....	13
Repatriation.....	13
Restrictions.....	13
Seaman’s Clubs.....	13
Ship’s Chandler.....	13
Shore Leave.....	13
Time Zone.....	13
Waste.....	13
Contacts.....	14

# PORT HANDBOOK

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## FAR NORTH QUEENSLAND PORTS CORPORATION (FNQPC)

### OVERVIEW

Far North Queensland Ports Corporation Limited (FNQPC), trading as Ports North, is the Port Authority for the Port of Cape Flattery and eight other Ports throughout the Far North.

Ports North's trading Ports handle bulk shipments of fuel, zinc, silica sand, sugar and molasses as well as live cattle and general cargo. Community Ports supply neighbouring areas with essential general cargo and fuel.

### THE PORT OF CAPE FLATTERY

#### Description

The Port of Cape Flattery is situated more than 200 kilometres north of Cairns on the east coast of Cape York Peninsula. It is the most northerly trading Port on the east coast of Australia and is used for the export of silica sand from the Cape Flattery mine.

Founded in 1967, the mine was purchased by Mitsubishi Corporation in 1977 and in 1987 a deep water jetty was brought into operation. The Port terminal is operated by Cape Flattery Silica Mines Pty Ltd (CFSM), a wholly owned subsidiary of Mitsubishi Corporation.

#### Facilities

The Port comprises on-shore silica sand handling and stockpile facilities and a 500m single trestle jetty and conveyor running from the mine to an off-shore berth and shiploader. Loading berth capacity is 80,000 deadweight tonnage (dwt) and vessel maximum LOA is 195 m.

There is also a general purpose barge ramp for the import of fuel and other supplies for the mine and for the mooring of two line boats which assist in ship berthing.

There are two x small class C2, 12t Work Boats available (CFSM owned) which are required to be used to berth at the Port and pilotage services are provided by Ports North marine pilots

#### Trade

Cape Flattery had 51 ship visits in FY19/20 with silica sand exports of 2,694,652 tonnes.

#### Transport Links

Due to the remote location of Cape Flattery, transport links to towns and cities are limited with no direct road access to the port. The nearest regional centre is Cairns which is 200 kilometres south of the Port.

# PORT HANDBOOK

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## PORT AUTHORITY ROLE AT CAPE FLATTERY

As the Port Authority for Cape Flattery, Ports North's key role is to:

- manage and develop reliable, appropriate Port facilities and infrastructure to cater for existing and future trade needs
- maintain appropriate levels of Port security and safety
- co-ordinate emergency response
- protect the environment by minimising impact of development
- be committed to and have regard for the interests of the community.

Maintaining navigable Port depths and provision of pilotage services are Ports North responsibilities whilst and Port navigation is controlled by MSQ.

There is no local Ports North office at the Port and all enquiries regarding the operation of the Port should be directed to the Cairns offices per the contact details below.

## KEY Ports North CONTACTS

**General Manager Commercial**  
(Cairns)

Kevin Malone  
Phone: +61 7 4052 3814  
Mobile: 0409 552 425  
Email: [kevin.malone@portsnorth.com.au](mailto:kevin.malone@portsnorth.com.au)

**General Manager Operations**  
(Cairns)

Richard Stevenson  
Phone: +61 7 4052 3851  
Mobile: 0417 681 918  
Email: [richard.stevenson@portsnorth.com.au](mailto:richard.stevenson@portsnorth.com.au)

**Emergency Response**  
24 hours – 7 days

Ports North Duty Officer  
Tel: +61 7 4051 2558

## TERMINAL OPERATOR ROLE AT CAPE FLATTERY

The Port of Cape Flattery operates primarily for the export of silica sand from the Cape Flattery silica mine. The mine site on Cape York covers a lease of around 6,500 hectares and has an estimated resource of over 500 million tonnes of silica sand.

Cape Flattery Silica Mines Pty Ltd, a wholly owned subsidiary of Mitsubishi Corporation, operates the single Port terminal and is the leading producer of world class silica sand for the glass, foundry and chemical industries.

# PORT HANDBOOK

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Terminal operation can be broken into the following components:

- onshore silica sand handling and stockpile;
- outloading to the off-shore berth; and
- shiploading.

There is a small general-purpose wharf for supply barges that service the mine and also for the mooring of line boats that assist in ship berthing.

All enquiries regarding operation of the terminal, arrival notices and loading should be directed to Cape Flattery Silica Mines Pty Ltd.

## KEY CONTACTS

### Head Office

Phone: +61 7 4051 5099

Facsimile: +61 7 4051 8960

### Mine Office

Phone: +61 7 4043 1111

### PORT OFFICE

Phone/Fax: +61 7 4051 5099

### Mine Manager

(Cape Flattery Silica Mines Pty Ltd)

Mobile: 0428 974 100

Email: [sse@cfsm.com.au](mailto:sse@cfsm.com.au)

### Emergency Contact

(Cape Flattery Silica Mines Pty Ltd)

Graeme Collins

Mobile: 0428 974 100

Email: [gm@cfsm.com.au](mailto:gm@cfsm.com.au)

Safety Manager

Mobile: 0418 743 668

Email: [sse@cfsm.com.au](mailto:sse@cfsm.com.au)

# PORT HANDBOOK

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## REGIONAL HARBOUR MASTER ROLE AT CAPE FLATTERY

Shipping legislation in Queensland is controlled by MSQ, a State Government agency attached to the Queensland Department of Transport and Main Roads, whose role is to protect Queensland's waterways and the people who use them by providing safer and cleaner seas.

Regional Harbour Master's are responsible for:

- improving maritime safety for shipping and small craft through regulation and education
- minimising vessel sourced waste and providing response to marine pollution
- providing essential maritime services such as Port Pilots and aids to navigation
- encouraging and supporting innovation in the maritime industry.

State waters extend to the first three nautical miles of the territorial sea from the coast line. Pilotage areas have been gazetted around designated Ports and maritime areas to ensure the safe and efficient movement of shipping. These areas encompass the approaches, main shipping channel and waters of the Port.

Collectively, the Regional Harbour Master and the Port Authority have responsibility for managing the safe and efficient operation of the Port.

For the most current information on these areas, it is recommended contact be made with the closest office or via the port procedures manual at: <https://www.msq.qld.gov.au/Shipping/Port-procedures/Port-procedures-cape-flattery-cooktown-port-douglas>.

### Contact

For operational maritime questions, marine incidents, pollution, pilotage, buoy moorings, navigation aids and towage requirements at the Port, please contact the Harbour Master's office at:

Physical Address: 100-106 Tingira Street, Portsmith QLD 4870

Postal Address: PO Box 1787, Cairns QLD 4870

Phone: +61 7 4052 7400

Fax: +61 7 4052 7427

Email: [rhmcairns@msq.qld.gov.au](mailto:rhmcairns@msq.qld.gov.au)

Cape Flattery Port Control: VHF Ch 13

After Hours Emergency: 1300 551 899

# PORT HANDBOOK

## SERVICES – NAVIGATION

### Location

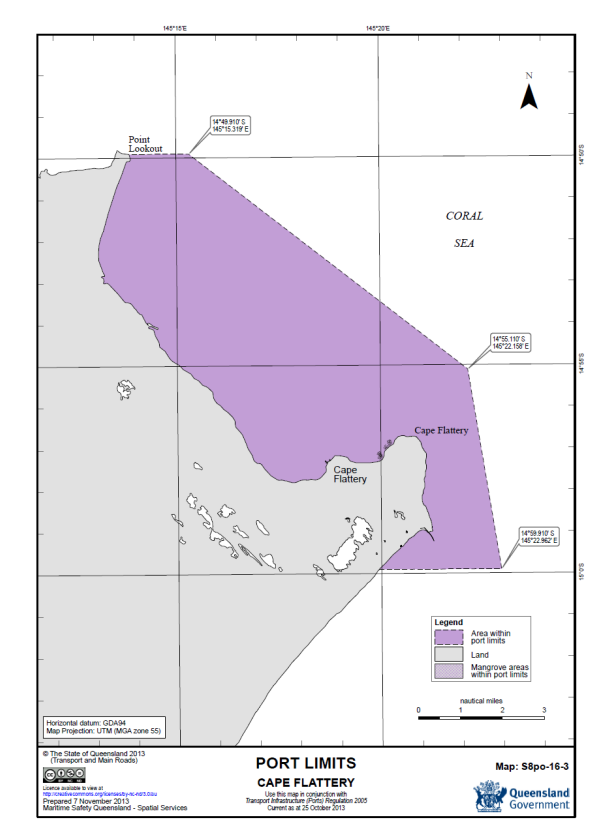
The Port of Cape Flattery is located between Latitude 140 57' South and Longitude 145 19' East.

### Port Limits

The Port limits, which are defined in the regulations of the Transport Infrastructure Act 1994, are highlighted on the map below and include the waters within the following boundaries:

- starting at the high water mark on the northern extremity of Lookout Point
- then due east to longitude 145° 15.87' east
- then in a south-easterly direction to latitude 14° 55.11' south, longitude 145° 22.17' east
- then south to latitude 14° 59.91' south, longitude 145° 23.07' east
- then due west to the high water mark on the mainland at latitude 14° 59.91' south
- then by the high water mark north along the shoreline of the mainland returning to the starting point.

The port limits also include the navigable waters of rivers and creeks flowing, directly or indirectly, into the area described above, detailed map is available at: <https://www.msq.qld.gov.au/Shipping/Port-limits-in-Queensland>





# PORT HANDBOOK

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## **Anchorage**

Check the latest Notice to Mariners for the Port at <http://www.msq.qld.gov.au/Home/Notices-to-Mariners> or contact the Regional Harbour Master's Office by telephone on +61 7 4052 7400 or via email at [rhmcairns@msq.qld.gov.au](mailto:rhmcairns@msq.qld.gov.au) for current anchorage information.

## **Berth Facilities**

There is one berth which is a bulk silica sand loading facility serviced by conveyor and shiploader.

## **Berth pocket (Length x Width)**

The berth pocket is 265 m x 50 m.

## **Nominal Depth LAT (At Berth Pocket)**

Nominal depth Lowest Astronomical Tide (LAT) at the berthing position alongside the main is 15.6 m.

NOTE: Depth is subject to change. Check the latest Notice to Mariners for Cape Flattery at <https://www.publications.qld.gov.au/dataset/cape-flattery-and-cooktown-notices-to-mariners> for the current depth information.

## **Restrictions**

Restrictions include:

- ballast condition should have the propeller fully immersed with maximum trim 2.5m by the stern with a forward draft not less than 2% of length overall (LOA);
- there are no restrictions on time, and berthing is at the discretion of the Regional Harbour Master with regards to weather conditions;
- engines must not be immobilized while alongside; and
- unberthing is in accordance with the state of tide and draft.

## **Depths of Water**

Depth at Mooring Dolphin #1 is approx 26m.

NOTE: The depth is subject to change. Check the latest Notice to Mariners for the Port of Cape Flattery at <https://www.publications.qld.gov.au/dataset/cape-flattery-and-cooktown-notices-to-mariners> for current depth information.

# PORT HANDBOOK

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## PILOTAGE

### General

The Transport Operations (Marine Safety) Act 1995 specifies that unless a current Pilotage Exemption Certificate (PEC) is held by the Master of a ship, pilotage is compulsory for:

- a ship that is 50m or more;
- a foreign flag ship that is 35m or more;
- a vessel towing another vessel where the combined length of the vessels is 50m or more;
- a ship whose Owner or Master asks for the services of a Pilot; and
- a ship whose Master is directed by the Harbour Master to use the services of a Pilot.

### Request for Pilot

The requirements of the Transport Operations (Marine Safety) Regulation 2004 shall be observed for all bookings. Ports North provides a pilotage service for ship arrivals, departures and removals. All Pilot transfers are carried out by Pilot launch owned and operated by CFSM.

### Notice Required (For Pilotage and Berth)

Ships requiring the services of a Pilot in the Port of Cape Flattery are required to submit Arrival, Removal and Departure notices no less than the indicated number of hours before the desired movement:

Arrivals	48 hours
Removals	24 hours
Departures	24 hours

Initial notification should be made via email at [vtscairns@msg.qld.gov.au](mailto:vtscairns@msg.qld.gov.au).

### Tugs

There are two Class C2, 12 tonne work boats operating at Cape Flattery owned and operated by CFSM that are used in a towage role to assist ships in berthing at the wharf.

## SERVICES – OPERATION

### Application to Berth

An 'Application to Berth' form must be received no later than 48 hours before the vessel's estimated Pilot boarding time (or estimated arrival time in the channel for Pilot exempt vessels). The ship's agent will send a blank 'Application to Berth' form to the vessel seven to ten days before their arrival. This ensures up-to-date documents are always used.

Contact the ship's agent or Cape Flattery Silica Mines Port Office on +61 7 4043 1111 for the latest information on berthing applications.

# PORT HANDBOOK

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## **Bunkering**

Bunkering services are not available.

## **Cargo Completion**

Vessels must vacate berth without delay, subject to tidal and weather conditions.

## **Communications**

Cape Flattery Port Control: VHF Ch 13

Pilot vessel initial call on VHF Channel 16 and work on VHF Channel 6.

## **Extreme Weather Event (Cyclone) Procedures**

Detailed cyclone procedures are provided in the CFSM and Ports North's Emergency Response Plans and are consistent with MSQ's Extreme Weather Event Contingency Plan for the Port of Cape Flattery available at: <https://www.publications.qld.gov.au/dataset/maritime-safety-extreme-weather-contingency-plans>. The alerts will be announced by the Regional Harbour Master over VHF Channel 16.

## **Electrical Power**

Shore power connection is not available.

## **Emergency Services**

Only first-aid services are available at the Port. For co-ordination of emergency services, contact Cape Flattery Silica Mines emergency contact on telephone +61 7 4043 1111 or mobile 0418 743 668.

## **Estimated Time of Arrival (ETA) Notice**

ETA notices should be submitted at least seven days before arrival. Information must include:

- name of vessel;
- type of vessel;
- estimated time of arrival;
- total cargo quantity required (subject to C/P requirements and allowances); and
- hatch loading sequence, Pour by Pour.

Contact the ship's agent for the latest information on arrival notices.

## **Weather Conditions at the Berth**

The wharf is exposed to the weather conditions, particularly to the prevailing winds from the south and strong currents can be experienced from both northerly and southerly directions. These conditions can cause the vessel alongside to move off the berth and in extreme

# PORT HANDBOOK

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conditions, cause mooring lines to part. If this occurs, CFSM staff are to immediately advise VTS Cairns and Ports North operational staff in addition to taking local action and advising the ship.

## **Fresh Water**

There is no fresh water available from the wharf as there are no facilities.

## **Fuel**

There are no facilities available for fuel at Cape Flattery.

## **Gangway/Deck Watchmen**

The ship's gangway is used and the ship's crew is used as Watchmen.

## **Garbage Disposal**

There are no garbage disposal services available.

## **Line Boats**

Line boats are available.

## **Port Notices/Port Rules and Charges**

Port Notices regulate the business operations of the Port. This reference document contains instructions for the Orderly Conduct of Business and Public Safety in the Port of Cape Flattery. Copies are available for downloading from [www.portsnorth.com.au](http://www.portsnorth.com.au).

In addition, this document outlines the process for handling dangerous goods. A person in charge of dangerous goods who proposes to store, handle, carry, use, transport or otherwise deal with any dangerous goods within the Port must notify at least two working days before the date on which it is anticipated the dangerous goods will enter the Port by forwarding a copy of MSQ Form No F3217 ES 'Dangerous Cargo Report' to the Port Supervisor Cape Flattery.

The latest information on Port Rules and Notices for Cape Flattery are available on the Ports North website at: [www.portsnorth.com.au](http://www.portsnorth.com.au).

## **Pratique/Health Regulations**

Cape Flattery is a First Port of Entry and notification of biosecurity inspection is required and Radio Pratique is available. Please advise biosecurity requirements through the ship's agent, not more than 24 hours before arrival and the agent will keep the vessel advised. The message is in accordance with the advised procedure in the Sailing Directors for Entry to First Australian Port.

# PORT HANDBOOK

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## **Oil Spill Procedures**

The ship must ensure all measures are taken to prevent the release of hydrocarbons into the environment. Shoreside first response at Cape Flattery is initially undertaken by CFSM staff noting Ports North does not have trained personnel, equipment or vessels to undertake the clean up of hydrocarbon spills.

In the event of any oil spill or release, please immediately notify the Regional Harbour Master by telephone on +61 7 4052 7400 and if after hours call 1300 551 899. Cape Flattery Silica Mines Emergency Contact, Mobile 0418 743 668 or on telephone +61 7 4043 1111 and Ports North Operations +61 7 4051 2558 must also immediately be advised.

## **Repatriation**

Repatriation cannot be arranged at Cape Flattery.

## **Restrictions**

Access to the wharf and loading plant is restricted. Persons requiring access, crew members or visitors, must wear safety hard hats, safety shoes, adequate eye protection and comply with all safety regulations as directed by . Cape Flattery Silica Mines Pty Ltd is not responsible for accidents incurred by personnel who use their wharf gangway.

Pedestrian access along the wharf approach is not permitted. Special authorisation is required for private vehicles and visitors within the Port for wharf access. Access to the remainder of the Port site is strictly forbidden.

## **Seaman's Clubs**

There are no Seaman's Clubs at Cape Flattery.

## **Ship's Chandler**

The Chandler will attend the vessel if necessary. See the Port Service Providers for contact details.

## **Shore Leave**

The crew is not permitted to go ashore at Cape Flattery.

## **Time Zone**

Time is Eastern Standard Time and equates to GMT + 10 hours. All ETA and other messages should be made in local time.

## **Waste**

There are no waste or garbage disposal services available.

# PORT HANDBOOK

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## PORT SECURITY

As Cape Flattery is a security regulated Port under the Maritime Transport Security Act 2003, Ports North has an approved Maritime Security Plan. This Plan was officially approved by the Federal Government's Dept of Home Affairs.

Under IMO legislation there is a procedure ships must follow when entering the Port. Before entering the Port of Cape Flattery, the ship's Master must report directly to Ports North or via the ship's agent the following:

- International Ship and Port Facility Security Code (ISPS) compliance number;
- current ship security level or any change to the ship security level while in Port;
- Ship Security Officer contact details;
- list of expected visitors/contractors;
- nominated provedore (if applicable);
- crew list and identification; and
- any security incident (as defined under the ISPS code or Maritime Transport Security Legislation) while in Port.

## Contacts

### Port Security Officer (PSO)

Richard Stevenson

Phone: +61 7 4052 3851

Mobile: 0417 681 918

Email: [richard.stevenson@portsnorth.com.au](mailto:richard.stevenson@portsnorth.com.au)

### Ports North 24 Hour Duty Officer

+61 7 4051 2558