

### Applications to Berth

Applications to berth in the Port of Townsville must be received by Port Control no later than 48 hours prior to the vessel's estimated pilot boarding time (or estimated arrival time in channel for pilot exempt vessels). Blank "Applications for Berth in the Port of Townsville" may be obtained by contacting port control.

### Berthing Signal

A quick flashing green light at day/night indicates the position of the vessel's bridge.

### Bunkering

Bunker fuel oil is available through pipelines at berths 1, 3, 7, 8 and 9. Distillate is available through pipelines at Berth 1 subject to oil company approval. Road tankers are used to bunker small ships at other berths. Permission in writing must be sought from Port Services Officer, prior to the bunkering operations of any vessel within the port.

### Dangerous Goods

For all dangerous cargoes, there is a requirement to make application to both Maritime Safety Queensland and Townsville Port Authority. No person shall cause the handling, storing and transportation of dangerous goods in or through the port, without prior written application from the Authority's Manager Marine Services or his/her representative, at least 48 hours before cargo arrives in port.

Dangerous cargo must be handled in accordance with Townsville Port Authority Rules. For further information contact the Manager - Marine Services.

### Density of Seawater

The average density of seawater in Townsville is 1025 kilograms per cubic metre.

### Disposal of Garbage

Port of Townsville provides daily garbage collection services for both quarantine and non-quarantine garbage. A garbage collection vehicle will call at each ship that has ordered the service before 0800 hours each day or at other times as directed by the Quarantine Officer. All garbage must be kept in sealed plastic bags on board the vessel until the arrival of the collection vehicle. The ship's crew is required to deliver garbage to the collection vehicle. Bags will be supplied on arrival of the vessel.

### Electric Power

Shore power connections are available at No. 2, 3 and 4 Berths at 100 amperes, 415 volts, and at all other berths (except No.10 Berth) at 60 amperes 415 volts. A portable generator, 260 KVA, 415 volts is also available.

### Emergency Services

For Fire, Ambulance or Police dial "000".

### Fire Fighting

Hydrants and hose reels are located at all berths. Around the port there are 19 fire hydrants in conspicuous red boxes that are connected to the flaked hoses with spray nozzles and are fed by salt water pumps. The opening of a hydrant brings an electric pump into operation. Fire fighting monitors with foam making capabilities are also provided at Number 1 Tanker Berth.

Fire fighting monitors (towers and nozzles) are supplied by two (2) large diesel pumps located at the end of Berth 2. The monitors can be activated and operated by remote control from Port Control Tower. The tugs "*Giru*" and "*Werra*" are equipped as fire fighting platform. Fire fighting foam for use on oil fires is stored in the port and adjacent oil tank farms.

The various oil terminals at Townsville have in stock over 10,000 litres of foam concentrate. Stocks of over 40,000 litres of foam concentrates are stored at other locations throughout the city. Fire fighting foam stocks available in the immediate port area are as follows:

13,000 Litres – Tug "*Giru*"

21,000 Litres – Storage (for Berth 1)

### Gangway Watchmen

This service is arranged through the ship's agent.

### General Discharges

Any discharge to Harbour waters is prohibited.

### Heavy Lift

Please contact Port of Townsville's engineering department on (07) 4781 1600 for heavy lift requirements.

### Manifests

It is an offence for an agent or Master or other person in control of a ship, not to lodge a true and accurate manifest of goods loaded to or unloaded from a ship and/or transhipped at the port within 24 hours of loading, unloading or transhipping operations.

### Navigation Depths

Please contact Port Control for current rated depths, or check the Authority's website – [www.townsville-port.com.au](http://www.townsville-port.com.au)

### Notice of Arrival

Vessels bound for the port are required to advise their ETA to Port Control 48 hours prior to arrival and submit an application to berth.

### Oil Spillage Equipment

Floating booms and oil skimming devices are available to respond to oil spills. Oil absorbent pads are used for minor spills. Oil spill equipment should be deployed in accordance with the Port of Townsville Oil Spill Contingency Plan.

### Oil Spill Procedures

In the event of an oil spill, you must immediately notify the Duty Officer of the spillage on **Phone: (07) 4781 1683**. Following assessment, the area may be enclosed with booms and depending of the amount of oil, may be removed, either by absorbent pads or skimmers. Please note that it is an offence not to notify the Duty Officer or not to comply with the directions of an Authorised Officer in the event of an oil spill. All costs of response will be borne by the polluter.

### Port Busy Signals

A red occulting light every 2.5 seconds (Oc.R.2.5s) will be exhibited by day and night from the Port Control Tower in approximate position 19° 15.227'E during large vessel arrivals, departures or removals within the Harbour or during an emergency. To obtain clearance, mariners are requested to liaise with Townsville Port Control on VHF channel 8 or 12.

### Port Notices & Emergency Responses for Port Users

The business operations of the port are regulated by the above. This reference document contains instructions for the Orderly Conduct of Business and Public Safety in the Port of Townsville. Copies are available on request.

### Port Security

Port Control operates 24 hours, 7 days a week. The port area is also under 24 hour electronic surveillance and patrols.

### Pratique/Health Regulations

Townsville is a first port of entry and notification of quarantine inspection is required. Requirements should be made not more than 24 hours or less than 12 hours in advance. Inspections may be carried out at all hours at the wharf or at the quarantine anchorage, at the discretion of the Quarantine Officer. Rat guards are to be maintained on all mooring lines while vessels are berthed in the Townsville Port.

### Roads and Railway Lines

All berths are accessible to road transport, whilst berth 3 is serviced by railway lines integrated with the State railway system.

### Services

Following completion of berthing operations, a Port Services Officer will deliver to the ship forms to be completed by the Master giving particulars of the ship. It will also list services such as power, water and garbage collection that the ship may order during its stay in the port.

### Ship's Lines Service

Operated by North Queensland Marine Towage Pty Ltd, two lines launches are available at all hours.

### Ship Repair

A slipway situated on the eastern side of Ross Creek operated by Curtain Bros., is capable of accommodating vessels to 67 metres in length and 800 tonnes (dead weight). A modern ship repair workshop is attached which has a lathe for shafts up to 7.2 metres in length.

### Speed

#### Townsville Harbour

From Breakwater to Ross Creek	10 kts
Ross Creek	6 kts
Ross River (upstream of beacon No. 8)	6 kts
Breakwater Marina	6 kts

### Stevedoring Labour

Several stevedoring companies engage their own labour under enterprise agreements. Working hours can be arranged with the stevedoring company up to a continuous 24 hours per day, 7 days per week.

### Tides (LAT)

Spring high water tides rise from 2.8 to 4.0 metres, neap high water tides rise from 1.5 to 2.8 metres; the smallest neap range of about 0.3 metres, occurs about two days before the moon's third quarter. The diurnal inequality of 0.9 metres chiefly affects high water, and is the largest when the moon's declination is large and altogether absent when the moon is on the equator.

When the sun has south declination the higher tides at springs occur during the day, and when in north declination, at night. Also, when the sun is south, the high tide of the Lunation is at new moon, and when north, at full moon. When Perigee occurs, about the time of a full or new moon, the tides are at the highest.

### Tide Boards

Tide boards, showing the height of the tide about chart datum are established on the P2 and P14 Beacons, on a pile off the western breakwater, at the outer end of each pier and in Ross Creek on a pile next to Queensland Transport's jetty. Automatic tide gauges are situated at Berth 10 and the North Cardinal Beacon.

### Time Zone

Time is Eastern Standard Time and equates to G.M.T. + 10 hours. All E.T.A. or other messages should be made in local time.

### Transport

Nearest Airport: Townsville Airport, 9.6km.

Airport Facilities: Domestic Terminal.

Nearest Railway: Townsville Central Station, 3km.

### Tug Requirements

Tugs are an aid to the safe and efficient manoeuvring of ships in confined waterways. The number of tugs required will be as per the schedule contained within the Port Procedures Manual or at the discretion of the Pilot or Regional Harbour Master (see contact details in back directory).

### VHF Port Radio Station/s

Call Sign        TOWNSVILLE HARBOUR

Frequency       Channels 12 and 16  
                      Channels 6, 8 and 13 (pilots and tugs)

Hours             A continuous watch is kept on both channels 12 and 16.

### Waste Reception

Waste reception (for a variety of wastes) can be arranged with 24 hours prior notice. Contractors can be contacted on:

Oil:                NQ Resource Recovery (07) 4774 7333 – 24 hours  
Garbage:        JJ Richards 0403 387 108 – 24 hours or (07) 4774 5555 (B/H)

**Water Supply**

Fresh Water is available at all berths.

**Weather**

The prevailing winds tend to be easterly to south easterly. Although calmer conditions occur during the winter months, conditions may become very difficult during the summer months when the sea breeze augments the prevailing south easterlies.

**Weighbridge**

A 60 tonne weighbridge facility is available at the Riverside Marine terminal on Ross Street, South Townsville. This facility is available 24 hours, by arrangement.