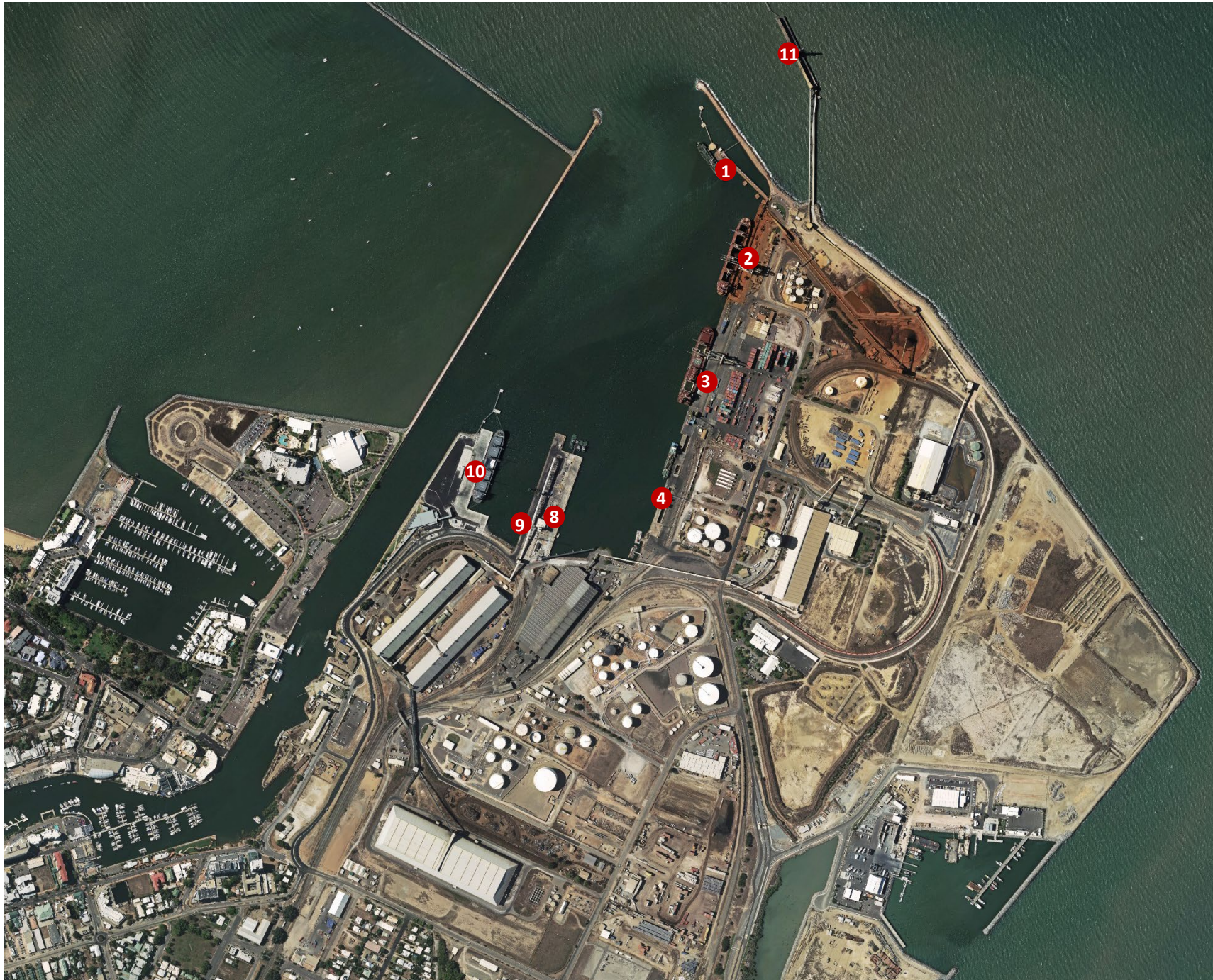


## BERTH INFORMATION



**1** Petroleum products  
Sulphuric acid

**2** Concentrates/ore

Containers  
Break bulk  
Dry bulk  
Live Cattle  
Motor Vehicles

Containers  
Break bulk  
**4** Cement  
Molasses  
Motor Vehicles

Concentrates

**8** Fertiliser  
Molasses  
Break bulk

Sugar  
**9** Containers  
Break bulk  
Motor Vehicles

Cruise  
Navy  
**10** Containers  
Break bulk  
Motor vehicles  
Live cattle

**11** Concentrates

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## BERTH INFORMATION

Berth	Operator / Priority User	Cargo / Commodity	Facilities	Bunker Fuel <i>P = Pipeline</i> <i>T = Truck</i>	UDL (t/m <sup>2</sup> )	Load Limits Point Load <sup>a</sup> (t)	Container stacking	Berth Pocket Length (m)	Max Vessel LOA (m)	Height above LAT (m)	Maximum Berthing Displacement (t)	Design Depth (m LAT)	Declared Depth (m LAT)
1	Common user	Petroleum products Sulphuric acid	Pipelines and manifold connection Firefighting infrastructure	P	e	e	N/A	250	238	5.46	90,000	13.6	
2	Glencore	Concentrates/ore	Portainer crane (55 t) Hoppers and conveyor	T	3.7	55	20ft – 1 high 40ft – 1 high	281	238	6.07	90,000	12.2	
3	NSS	Containers Break bulk Dry bulk Live Cattle Motor Vehicles	Portainer crane (55 t) 2 x mobile harbour cranes (124 t, 150 t) Quarantine wash bay 96 reefer outlets	T	3.6	55 <sup>b</sup>	20ft – 2 high 40ft – 2 high	283	238	6.07	90,000	12.2	
4	Common user	Containers Break bulk	Portainer crane (70 t) <sup>j</sup> 1 x mobile harbour cranes (125 t) <sup>i</sup>	T	4.8	60 <sup>b</sup>	20ft – 2 high 40ft – 2 high	220	220	6.07	70,000 @ 0.11m/s <sup>g</sup> 140,000 @ 0.09m/s <sup>g</sup>	12.2	
	Priority for Container Vessels	Cement Molasses Motor Vehicles	Molasses pipeline Bitumen pipeline Caustic soda pipeline Cement pipeline										
8	Common user Priority user Glencore	Concentrates Fertiliser Molasses Break bulk	Ship loader Molasses pipeline	T	3.5 (2.2) <sup>f</sup>	40 (15) <sup>f</sup>	20ft – 1 high 40ft – 1 high	240	220	5.77	70,000	12.5	
9	Common user Priority user QSL	Sugar Containers Break bulk Motor Vehicles	Ship loader Molasses pipeline	P, T	3.8	40	20ft – 1 high 40ft – 1 high	248	238	5.77	90,000	12.2	
10	Defence Cruise Common user	Containers Break bulk Motor vehicles Live cattle	2 x mobile harbour crane (140 t, 125 t) <sup>h</sup> Quarantine wash bay 12 reefer outlets	P, T	5.0	100 <sup>c</sup>	20ft – 2 high 40ft – 2 high	320	238	5.8	50,000	12.0	
11	South 32	Concentrates	Ship loader	Nil	1.0	30 <sup>d</sup>	N/A	240	225	9.45	55,000	12.2	

Regular surveys are conducted to establish the depth. The surveyed depths are declared by the Regional Harbour Master.  
Refer: <https://www.qld.gov.au/transport/boating/notices/north-qld/townsville>

## PORT INFORMATION

The access channels to the Port of Townsville have a total length of 6.4 nautical miles. The channel is 92m wide and has a design depth of 11.7m (*Refer to <https://www.qld.gov.au/transport/boating/notices/north-qld/townsville> for current channel depths*)

The maximum size of a vessel accommodated by the Port is 238m LOA, 32.2m beam and 13.1m draft (subject to tide).

For more information on Port of Townsville berths, facilities and port procedures visit [www.msq.qld.gov.au/shipping/port-procedures/port-procedures-townsville](http://www.msq.qld.gov.au/shipping/port-procedures/port-procedures-townsville)

<sup>a</sup> Minimum bearing area 0.3m x 0.3m

<sup>b</sup> Point loads at 5m minimum centres

<sup>c</sup> Point load on at 1.0m x 1.0m area with 7.0m minimum centre to centre spacing

<sup>d</sup> Ship loader maintenance area only

<sup>e</sup> Under normal operational conditions only vehicles up to light trucks, with no more than 8T GVM permitted onto Berth 1.

<sup>f</sup> Load limit at expansion joint

<sup>g</sup> m/s = metres per second (berthing velocity)

<sup>h</sup> Third party provider (Aurizon & TML)

<sup>i</sup> Third party provider (TML)

<sup>j</sup> Portainer crane owned by POTL