

MARINE FACT SHEET

GENERAL PORT INFORMATION

Prevailing weather	Wind: Northwesterly Tidal streams/currents: Streams set northwesterly with a rising tide and southeasterly with a falling tide. Westerly set across entrance in heavy swell. Up to 1 knot. Swell: Heavy easterly swell can prevail		
Location of pilot boarding grounds	No. 1: 39° 28.5'S 176° 59.9'E No. 2: 39° 24.5'S 176° 59.4'E		
Nautical chart reference	NZ5612 Napier Roads		
Last survey date	Fairway: November 2023 Swing basin: November 2023		
Approach channel minimum depth	Tareha and Deepwater Channels = 12.0 metres, Southern Channel = 11.9 metres		
Approach channel width	Width of entrance channel to port: approximately 200 metres		
Distance from boarding ground to berth/anchorage	North pilot boarding ground No. 2: 5.4 nautical miles South pilot boarding ground No. 1: 4.0 nautical miles		
Estimated time from pilot boarding ground to berth/anchorage at max speed allowed	Approximately one hour arrivals and departures. Maximum transit speed: 16 knots on approach, 5 knots in harbour		
Minimum depth and diameter of turning basin	Minimum depth: 11.7 metres Diameter swing basin: 400 metres		
Air draft restrictions	None		
Maximum vessel draft	Declared depth - UKC and tide (Declared depths for berths overleaf) Drafts over 11.6 metres require Senior Pilot and/or General Manager Marine and Cargo approval. All movements subject to tide and DUKC calculations.		
Minimum UKC clearance	Alongside: 0.3 metres, Turning basin: 0.6 metres, Channel: 0.9 metres, Anchorage: 20% of draft		
Port established maximum vessel length	Maximum vessel LOA handled to date is 347 metres. Vessels greater than 296 metres LOA will require Marine review and approval first.		
Name/draft/LOA/beam of largest ships to call at port	Ovation of the Seas (cruise) LOA 347 metres – draft 8.8 metres – beam 41.15 metres Messologi (container) LOA 294 metres – draft 10.8 metres – beam 32.2 metres SFL Maui (container) LOA 270 metres – draft 12.0 metres – beam 42.8 metres		
Range of tide	MHWS – 1.86 MLWS – 0.05	MHWN – 1.45 MLWN – 0.39	Average HW – 1.65 Average LW – 0.2
Power, type and number of tugs available	Ahuriri: Voith tractor – 55 tonne bollard pull Te Mata: Voith tractor – 50 tonne bollard pull Kaweka: Damen tractor – 72 tonne bollard pull		
Tug towline	Samson Neutron-8 60mm, MBL 270 metric tonne		
Are tugs local?	Yes. Tugs owned and operated by Napier Port.		
Tug ordering time	Tugs available 24/7. Three hours notice for routine movements and ASAP for emergencies.		
Night berthing permissible	Yes		
Bunkering	Bunkering point not available, bunkers supplied by road tanker only.		

ANCHORAGE INFORMATION

Secure anchorages	No. 2: 39° 23'5 S 176° 58'2 E	No. 1: 39° 27' S 176° 59'2 E
Minimum depth of anchorage	No. 2: 21 metres	No. 1: 18 metres
Type of bottom	No. 2: Fine sand and mud	No. 1: Fine sand and mud
Wind current	Easterly approx 1 knot	
General slope of bottom	Flat	
Tendering facilities	None	

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WHARF INFORMATION

	NO.	NAME	LENGTH	POCKET WIDTH	BERTH POCKET DEPTH BELOW CD	BERTH HEIGHT ABOVE CD	FENDER TYPE
Names/lengths/minimum depth	1	Cassidy Quay	250m	40.0m	11.9m	3.8m	Square panels
	2	Higgins Wharf	485m	36.0m	11.1m	3.8m	Cylindrical/timber
	3	Geddis Wharf	210m	N/A	5.8m	3.81m	Timber (with tyres)
	4	Herrick Wharf	270m	38.0m	10.5m	4.8m	Steel piles (with UHDWPE coating)
	5	Kirkpatrick Wharf	390m	47.0m	12.2m	3.81m	Cylindrical
	6	Te Whiti	390m	73.0m	12.6m	3.95m	Square panels
Type and spacing of fenders	Type: Cylindrical, timber, tyre, square panels and steel piles. Spacing: Varied between wharves Maximum spacing: 18 metres						
Bollard spacing and bollard strength	Bollard spacing: 5 metres Strength: 60 - 150 tonnes						
Bow to centre manifold	Maximum 94 metres at 2 Wharf (South) for petroleum products discharge (portside to).						
Moorings	Shore moorings used for tankers, and other vessels in swell conditions.						
Type and number of shore gangways	3 x steel gangways: 3 x 15 metres 4 x aluminium gangways: 1 x 16 metres 2 x 15 metres 1 x 6 metres						
Type and surface of wharf	Concrete						
Preferred side of ships alongside	Starboard						
Pier obstructions	6 Wharf - 10 x Moor Master units across 135m of berth face						
Water density	1.027						

SECURITY INFORMATION

Emergency contact including oil pollution response	Napier Harbour Control on Channel 12 or 16 and Napier Port Security on 06 833 4440		
Tanker watch hut phone number	06 833 4442 or 442 from internal phone (only while tanker is on berth).		
Napier Port security gatehouse phone number	06 833 4440 24 hours a day, 7 days a week		
Napier Port shuttle bus between ship and gate phone number	06 833 4386		
Normal port security level	Level 1		
Port ID number	24070		
Security controls	Napier Port is guarded with manned gates, effective fencing and CCTV coverage throughout. All personnel are required to have clear identification (photo ID) or a port-issued ID card. Inspection and searches are routinely undertaken. Napier Port pilot launch provides patrol services as required.		
Duty PFSO	David Pons Email: security@napierport.co.nz		
UN locator code	NZNPE		
IMO number	NZNPE-0001	Date issued: 6 May 2004	
Port facility assigned number	1104		
ISPS code	NZNPE-24070-1104. Last approved date: 2 July 2019		

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