

NAPIER PORT MARINE FACT SHEET

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Item	General Port Information		
Prevailing Weather	Wind: Northwesterly Tidal Streams/ Currents: Streams set NW'ly with a rising tide and SE with a falling tide. Westerly set across entrance in heavy swell. Up to 1kt. Other: Heavy Easterly swell can prevail.		
Location of Pilot Boarding Areas	Lat: No. 1 39 deg 28.5'S No. 2 39 deg 24.5'S	Long: 176 deg 59.9'E 176 deg 59.4'E	
Nautical Chart Ref	NZ5612 Napier Roads		
Last Survey Date	Fairway: 26/08/2015	Swing Basin: 06/03/2015	
Approach Channel minimum depth	12.41 M		
Approach Channel width	Width entrance channel to port approx 260M		
Distance from Pilot Station to dock/anchorage	North Pilot Station No. 2 – 5.4 NM South Pilot Station No.1 – 4.0 NM		
Estimated time from Pilot Station to dock/anchorage at max speed allowed	Approx. one hour arrivals and departures. Max transit speed on approach 16 knots and in harbour 5 knots		
Minimum depth and diameter of turning basin	Min depth – 12.0 metres. Diameter swing basin – 360 metres		
Maximum Deadweight	Max deadweight handled to date: 69,950 DWT		
Maximum Calculated Displacement on Tanker Berth	66,600 Tonnes – displacement.		
Air draft restrictions	None		
Port established Maximum Vessel Draft	Container Vessel – 12.4 metres. Bulk Vessel – 11.6 metres at No. 2 wharf, 12.4m at No. 1 wharf. Drafts over 11.6 metres require Senior Pilot and/or Port Services Manager approval. All movements subject to tide and DUKC calculations.		
Minimum UKC Clearance	Alongside - 0.3m, turning basin - 0.6m, channel - 0.9m.		
Port Established Maximum Vessel Length	Max vessel LOA handled to date is 317 metres. Vessels greater than 295 M LOA will require Marine Review and approval first.		
Name/Draft/LOA/Beam of largest ships to call at port	Celebrity Solstice LOA 317 metres – draft 8.6 metres – beam 36.88 metres (Cruise) Stena Provence LOA 183 metres – beam 40.0 metres (Tanker) Molly Manx LOA 189 metres – draft 12.2 metres – (Bulk Fertiliser) Messologi LOA 294 metres – draft 10.8 metres – beam 32.2 metres (Container) Maersk Utah LOA 292 metres – draft 12.0 metres – beam 32.2 metres (Container) Cap Coral LOA 228 metres – draft 10.95 metres – beam 37.3 metres (Container)		
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 – 70 tonne bollard pull Te Mata – Voith tractor – 60 tonne bollard pull		
Tug Towline	Samson Neutron-8 60mm, MBL 270 metric Tonne		
Are tugs local	Yes. Tugs owned and operated by Port of Napier Limited		
Tug ordering time	Tugs are available on 24/7 basis and ordered to meet shipping move requirements.		
Night Berthing permissible	Yes		
Bunkering	Bunkering Point not available, bunkers supplied by road tanker only.		

Reviewed: 04 October 2016

Item	Wharf Information						
Names/lengths/min depth	Name	No.	Length	Pocket Width	Berth Pocket Depth below CD	Berth Height Above CD	Fender Type
	Cassidy Quay	No.1	250 M	40.0M	12.5 M	3.8 M	Square panels
	Higgins wharf	No.2	485 M	36.1M	11.7 M	3.8 M	Cylindrical/timber
	Geddis Wharf	No.3	210 M	-	8.5 M	3.8 M	Timber (with tyres)
	Herrick Wharf	No.4	270 M	38.0M	12.2 M	4.7 M	Square panels
	Kirkpatrick Wharf	No.5	390 M	47.1M	12.6 M	3.8 M	Cylindrical
Type and spacing of fenders	Timber, tyre, cylindrical and square panels spacing varied between wharves. Max spacing 18 metres						
Bollard spacing & bollard strength	Bollard spacing 5 metres. Strength 60-95 tonnes						
Bow to Centre Manifold	Max 94 metres at Higgins No.2 (South) for Petroleum products discharge.						
Moorings	Shore moorings used for tankers, and other vessels in swell conditions						
Type & number of shore gangways	3 x aluminium gangways: 2 x 15 metres 1 x 10 metres						
Type and surface of wharf	Concrete						
Preferred side of ships alongside	Starboard						
Pier obstructions	None						
Water Density (1.000-1.027)	1.027						
Item	Anchorage Information						
Secure Anchorages:	North 39 deg 23'5 S		176 deg 58'2 E				
	South 39 deg 27' S		176 deg 59'2 E				
Min depth of anchorage	North – 21 metres		South – 18 metres				
Type of bottom	North – Fine sand and mud			South – Fine sand and mud			
Wind Current	Easterly approx 1kt						
General slope of bottom	Flat						
Tendering Facilities	None						
Item	Security Information						
Emergency Contact including Oil Pollution Response	Napier Harbour Control on Channel 12 or 16. Duty Pilot 06 8334471						
Tanker Watch hut Phone No.	Only while tanker is on berth 06 8334442 or 442 from internal phone						
Port of Napier Security Gate house Phone No.	06 8334440 24 hours 7 days a week						
Port of Napier shuttle bus between ship and gate	06 8334386						
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 identifiable identification card (Photo Id) or Port Pass. Inspection and searches are routinely undertaken. Napier Port pilot launch provides patrol services as required.						
Duty PFSO	Jim McDonald Email: marineservices@napierport.co.nz or 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: 17 November 2014						

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