# **Shipping Routes Around The New Zealand Coast**

Former Annual New Zealand Notice to Mariners, No. 10, published 1 July 2022 is cancelled. This is a repetition of the former Notice.

Authority: Maritime New Zealand

#### **General Provisions**

#### **Safe Navigation**

#### **Passage Planning**

1. There is an obligation on the master or skipper of a vessel, prior to proceeding to sea, to ensure that the intended voyage is planned.

Development of a passage plan, and close and continuous monitoring of the vessel's progress and position during the execution of such a plan, are of essential importance for safety of life at sea, safety and efficiency of navigation and protection of the marine environment. It is recommended that shipowners' standing instructions to their masters specifically state that safety of the ship and crew, the prevention of pollution and prevention of damage to the marine environment must always take precedence over commercial considerations.

The New Zealand Maritime Transport Act 1994, Part 3, Section 19 Duties of Master states that the master shall be responsible for the safe operation of the ship, safety of cargo and safety and wellbeing of crew/passengers on voyage. He/she shall have the final authority to control the ship while in command.

#### Master's Responsibility, Duty and Professional Judgement

- 2. The voluntary code (summarised at paragraph 6 below) does not replace the obligations of the master to use judgement and discretion in light of the many factors which contribute to a safe passage, including:
  - (a) The condition and manoeuvrability of the ship;
  - (b) The taking into account of relevant ship's routeing systems such as the IMO approved ships routeing measures;
  - (c) The anticipation of known navigational hazards;
  - (d) Ensuring sufficient sea room for the safe passage of the ship;
  - (e) The prevailing and expected weather conditions;
  - (f) Experience; and
  - (g) The safety and security of the ship and crew.

In law, and under the safety management system established by the shipowner, the master has final authority for, and is free to exercise their professional judgement in, matters of safe navigation and protection of the marine environment.

#### **Systems Testing**

3. International Chamber of Shipping's *Bridge Procedures Guide,* Part A, Guidance to Masters and Navigating Officers, Section 3.2.5.1. states:

Operational checks on navigational equipment should be undertaken when preparing for sea and prior to port entry. After lengthy ocean passages and before entering restricted coastal waters, it is important also to check that full engine and steering manoeuvrability is available.

It is also recommended that navigators follow the Bridge Checklists B2 and B3 of the above guide.

#### **Reporting Arrangements and Summoning Assistance**

- 4. It is recommended that shipowners' standing instructions to their masters:
  - (a) Emphasise the need for immediate reporting to Maritime New Zealand (MNZ), through any coastal radio station or by calling Taupo Maritime Radio, of all situations which affect the safety of the ship or its navigation, or might lead to pollution.
  - (b) Confirm the master's position as set out in the International Maritime Organization's *International Convention on Salvage 1989,* Article 6(2):
    - The master shall have the authority to conclude contracts for salvage operations on behalf of the owner of the vessel. The master or the owner of the vessel shall have the authority to conclude such contracts on behalf of the owner of the property on board the vessel.
  - (c) Note that masters are required to comply with MNZ's Marine Protection Rules Part 103 which requires ships carrying oil or other harmful liquid substances in bulk, to give at least 12 hours notice of arrival to the harbourmaster in that port, and to give notification of the types of cargo carried and its distribution on board.
    - Operational transfers must be notified at least 3 hours but not more than 4 days before starting.
  - (d) Encourage them to report vessels breaching the voluntary code to MNZ.

# 5. Communications

### VHF

Station Callsign	Calling Channel*	Working Channel*
Cape Reinga Maritime Radio	16	68
Kaitaia Maritime Radio	16	71
Whangārei Maritime Radio	16	67
Great Barrier Maritime Radio	16	69
Auckland Maritime Radio	16	71
Plenty Maritime Radio	16	68
Runaway Maritime Radio	16	71
Tolaga Maritime Radio	16	67
Taranaki Maritime radio	16	67
Cape Egmont Maritime Radio	16	71
Napier Maritime Radio	16	68
Whanganui Maritime Radio	16	69
Wairarapa Maritime Radio	16	67
Wellington Maritime Radio	16	71
Farewell Maritime Radio	16	68
D'Urville Maritime radio	16	67
Picton Maritime Radio	16	68
Kaikōura Maritime radio	16	67
Westport Maritime radio	16	71
Greymouth Maritime Radio	16	68
Fox Maritime Radio	16	67
Akaroa Maritime Radio	16	68
Waitaki Maritime Radio	16	67
Fiordland Maritime Radio	16	71
Chalmers Maritime Radio	16	71
Bluff Maritime Radio	16	68
Puysegur Maritime Radio	16	67
Stewart Island Maritime Radio	16	71
Chatham Islands Maritime Radio	16	60 (Chatham Island) 62 (Pitt Island)

<sup>\*</sup> Channel 16 is monitored 24/7. Working channels monitored on request.

# HF/MF

Station Callsign	Voice Calling	Voice Working	DSC Calling
Taupo Maritime Radio ZLM	2182	2207	no MF DSC
(frequencies in kHz)	4125	4146	4207.5
	6215	6224	6312.0
	8291	8297	8414.5
	12290	12356	12577.0
	16420	16531	16804.5

# **Shipping Routes Around the New Zealand Coast**

#### **Maritime Operations Centre (24 hours)**

Phone: +64 4 550 5280 or 0800 Maritime (0800 627 484)

Fax: +64 4 550 4001

Inmarsat C: 582-451-200-067 Answer Back MRNZ X

Email: maritime@kordia.co.nz

**Rescue Coordination Centre New Zealand (24 hours)** 

Phone: +64 4 577 8030

Email: rccnz@maritimenz.govt.nz

# A Voluntary Code for Ships Carrying Oil or Other Harmful Liquid Substances in Bulk Summary

6. This voluntary code has been introduced to prevent or reduce the risk of pollution or other damage to the marine environment caused by ships carrying oil or other harmful liquid substances in bulk.

If there is an oil pollution incident, the measures contained in this voluntary code will also allow more time to respond to such an incident, whilst causing least disruption to existing shipping routes.

The code stresses the importance of:

- Safe navigation at paragraph 1 above;
- The shipmaster's duty to exercise discretion in particular circumstances at paragraph 2 above;
- Prompt reporting to Maritime New Zealand when experiencing any difficulties, which could lead to pollution or other damage to the marine environment, and summoning of salvage assistance without delay at paragraphs 4 and 5 above;
- Observing regional routeing schemes at paragraphs 8 and 9 below.

# Scope

 This voluntary code applies to ships carrying oil or other harmful liquid substances in bulk as defined in Annexes I and II of MARPOL 73/78 (International Convention for the Prevention of Pollution From Ships, 1973).

Its adoption by other vessels is welcomed.

The Areas To Be Avoided – at paragraphs 10 and 11 below – apply to all vessels of the sizes specified.

#### **Recommended Routes Around the New Zealand Coast**

# General

8. Ships are to keep at least 5 nautical miles off the land, any charted danger, or any outlying islands, until reaching a position where alteration is required to make port. Mariners travelling anticlockwise around New Zealand, ie with the North or South Islands on the port side, should consider keeping a further distance off, for example by 7.5 nautical miles in the vicinity of headlands such as North and East Capes to better manage potential shipping encounters. A greater distance off may be necessary in adverse on-shore weather, or if it is known that the ship has any mechanical deficiency that might impair the motive power or manoeuvrability.

Note: All geographical positions are in terms of the WGS84 datum.

#### 9. Recommended Approaches to New Zealand Ports

Whangārei	From the North	Pass to the east of the Poor Knights Islands Mandatory Area to be Avoided (refer chart NZ 521), thence midway through Parry Channel and thence to the Pilot Station.
	From the South	Proceed through Colville and Jellicoe Channels keeping at least 3 nautical miles off the land and thence to the Pilot Station.

# **Shipping Routes Around the New Zealand Coast**

Auckland	From the North	Enter Hauraki Gulf / Tīkapa Moana through Jellicoe Channel keeping at least 3 nautical miles off land, thence at least 3 nautical miles off Flat Rock, then pass through a point midway between Shearer Rock and The Noises (at least 3 miles off Shearer Rock) before proceeding westwards to intercept the sector light at St Leonards Beach and thence to the Pilot Station.
	From the East	Enter Hauraki Gulf / Tīkapa Moana through Colville Channel keeping to the north of Channel Islands and thence to the Pilot Station.

# Transiting between Auckland and Whangārei

Vessels in transit between the pilot stations at Auckland and Whangārei, either north or southbound, should maintain a minimum distance of 3 nautical miles from Shearer Rock, Flat Rock and Cape Rodney and pass midway between Paepae-o-Tū / Bream Tail and Taranga Island.

Tauranga	From the North	Keep at least 4 nautical miles off Mayor Island (Tūhua) and thence to the Pilot Station.
	From the East	Keep at least 5 nautical miles to the north of Volkner Rocks, thence 3 nautical miles to the north of Astrolabe Reef (which breaks in all swell conditions and in fair weather appears like a boat) and thence to the Pilot Station.
	Eastbound	From the Pilot Station set course to pass 3 nautical miles to the north of Astrolabe Reef passing abeam of Brewis Shoal (distance 3.38 nautical miles), thence keeping at least 5 nautical miles north of Volkner Rocks.
Gisborne	From the North	Proceed to the east of Ariel Bank keeping 5 nautical miles off the charted dangers to the south-east of the bank, thence to a position 3.4 nautical miles due east of Young Nicks Head / Te Kurī and thence to the Pilot Station.
	Alternatively	Pass midway between Ariel Bank and Monowai Rocks, thence at least 4 nautical miles off Tuaheni Point and thence to the Pilot Station.
	From the South	Keep at least 5 nautical miles off Kahutara Point (Table Cape) and thence to the Pilot Station.
Napier	From the North and South	Keep at least 5 nautical miles off any charted danger and thence to the Pilot Station.

Napier	From the North	Keep at least 5 nautical miles off any charted danger and thence to the Pilot
	and South	Station.

# **Shipping Routes Around the New Zealand Coast**

Wellington	From the East	Keep at least 5 nautical miles off Cape Palliser / Matakitakiakupe and 4 nautical miles off Turakirae Head before proceeding to the designated pilot boarding station. Vessels are to keep well clear of the wave rider buoy (1 nautical mile west of Baring Head / Ōrua-pouanu) and Arabella Rock (0.6 nautical miles north west of Baring Head / Ōrua-pouanu).
	From the West	Pass midway between The Brothers and Fishermans Rock, thence at least 4 nautical miles off Cape Terawhiti, thence at least 4 nautical miles off Karori Rock. When abeam Sinclair Head / Te Rimurapa, vessels requiring a pilot should proceed directly to the designated pilot boarding area. Vessels not requiring a pilot may adjust course to join the leads no closer than 2 nautical miles off the entrance (or greater in southerly weather). Such vessels should beware of departing vessels.
Departing ves	s <b>els —</b> All departin	g vessels should note that:
be app	roaching the design	age are likely to be under instructions from a local pilot and will nated boarding areas of either ALPHA, BRAVO or CHARLIE (or the ner boarding area of DELTA); and
2. Numer to a po	ous ferries and oth sition on the leads	er vessels exempt from pilotage are likely to be approaching from the west not less than 2 nautical miles south of the entrance; and
3. Vessels heading east are initially to head southward on the approximate line of the leads but avoiding conflict with vessels manoeuvring to pick up their pilot. Such vessels should maintain this course unt clear of harbour limits and in a position to intersect the coastal course line between Baring Head / Ōrua-pouanu and Cape Palliser / Mātakitaki-a-Kupe.		
Picton		Pass midway between Cook and Walker Rocks at the entrance to Queen Charlotte Sound / Tōtaranui and thence to the Pilot Station.
Nelson		Keep at least 5 nautical miles off Pitt Head and at least 5 nautical miles off Pepin Island and thence to the Pilot Station.
Lyttelton	From the North	Keep at least 5 nautical miles off the land until approaching the Pilot Station.
	From the South	Keep at least 5 nautical miles off Steep Head, thence at least 3 nautical miles off Long Lookout Point and thence to the Pilot Station.
Timaru	From the North	Keep at least 5 nautical miles off the land until reaching the Pilot Station.
	From the South	Keep at least 5 nautical miles off the land and at least 3 nautical miles off Tuhawaiki Point and thence to the Pilot Station.

Otago Harbour Fro	Station.
Fro	Keep at least 4 nautical miles off Cape Saunders, thence at least 3 nautical miles east of Taiaroa Head and thence to the Pilot Station.

Bluff	From the East	Keep at least 3 nautical miles off Slope Point, at least 3 nautical miles off Waipapa Point, thence at least 1.5 nautical miles south of Dog Island and thence to the Pilot Station.
	From the West	Keep at least 5 nautical miles south of Raratoka Island (Centre Island) and thence to the Pilot Station.

**West Coast** 

Stewart Island/

# **Shipping Routes Around the New Zealand Coast**

From the South Keep at least 3 nautical miles off The Knobbies, at least 3 nautical miles off

Rugged Islands and 3 nautical miles off Bishop and Clerks Island. From there

Rakiura		run a course to the Pilot Station at Bluff.
East Coast Stewart Island/ Rakiura		Keep 3 nautical miles off Breaksea Islands, thence at least 3 nautical miles off Wreck Reef, thence on to a position at least 2 nautical miles off Kanetetoe Island, thence on to a position at least 2 nautical miles off Zero Rock. From Zero Rock plot a course to the Pilot Station at Bluff.
New Plymouth	From the West	Keep at least 5 nautical miles off Cape Egmont, thence at least 5 nautical miles off the land, thence at least 3 nautical miles off Motumāhanga (Saddleback) and thence to the Pilot Station.

From the North Keep at least 5 nautical miles off the land until approaching the Pilot Station.

Manukau	From any direction from seaward, proceed to the Outer Manukau Pilotage Limit.
	Depths on the bar and entrance to the Manukau Harbour are subject to frequent change and it is dangerous to cross the bar and enter the harbour without recent local knowledge. It is not recommended that vessels enter or leave the harbour during the hours of darkness. No large vessels (those 500 gross tons or greater, or any vessel exceeding 40 metres length overall or greater) may cross the bar during hours of darkness.

Chatham Islands	An Area of Restricted Access has been established around the Chatham Islands. No large vessels (those 500 gross tons or greater, or 40 metres length overall or greater) shall enter into, or remain within, the Chatham Islands Area of Restricted Access without the prior approval of the Harbour master (a fee may be charged). This restriction includes passage between Chatham Island and Pitt Island (Rangiauria) by transiting large vessels.
	It is recommended that any large vessel transiting the area remains 5 nautical miles clear to the north of Chatham Island or 5 nautical miles clear to the south of Pitt Island (Rangiauria).

# **IMO Approved Ships' Routeing Measures**

- 10. New Zealand currently has three areas which have been adopted by the IMO in relation to ships' routeing measures. The IMO publication *Ships' Routeing* contains the following definitions:
  - (a) **Area to be avoided** A routeing measure comprising an area with defined limits in which navigation is either particularly hazardous or it is exceptionally important to avoid casualties and which should be avoided by all ships, or certain classes of ship.
  - (b) **Precautionary area** A routeing measure comprising an area within defined limits where ships must navigate with particular caution and within which the direction of traffic flow may be recommended.
- 11. (a) Poor Knights Island is a **mandatory area to be avoided** by all vessels greater than 45 metres length overall (with some exceptions).
  - (b) Three Kings Island is an area to be avoided by all vessels of 500 gross tons or more.
  - (c) An area off the West Coast of the North Island is a precautionary area.

Detail on each of these areas follows:

# **Shipping Routes Around the New Zealand Coast**

#### In the vicinity of the Poor Knights Islands

Reference Charts: NZ 51, NZ 52, NZ 521, NZ 512, NZ 5214, NZ 5216, NZ 5219

In order to avoid the risk of pollution and damage to the environment of this sensitive area, all vessels greater than 45 metres length overall (except as specified below) **shall avoid** the following area.

The area bounded by a line connecting the following geographical positions is designated as a **mandatory area to be avoided**, the westward boundary of which is delineated by Mean High Water Springs.

- 1. 35° 51′.30S., 174° 35′.50E.
- 2. 35° 34′.55S., 174° 49′.20E.
- 3. 35° 29′.60S., 174° 50′.80E.
- 4. 35° 24′.70S., 174° 50′.20E.
- 5. 35° 10′.20S., 174° 20′.10E.

**Exceptions:** The following exemptions are granted in respect of vessels entering the mandatory area to be avoided:

- All vessels of the Royal New Zealand Navy. The exemption granted in respect of the vessels of the Royal New Zealand Navy applies to "any warship, naval auxiliary, other vessels or aircraft owned by a state and used, for the time being, only on government non-commercial service".
- All fishing vessels engaged in fishing operations.
- Barges under tow, provided the cargo is not oil or other harmful liquid substances as defined in Annexes I and II of MARPOL 73/78.

#### In the region of the Manawatāwhi / Three Kings Islands

Reference Charts: NZ 41, NZ 4111

In order to avoid the risk of pollution and damage to the environment in the area around Manawatāwhi / Three Kings Islands (declared a Wildlife Sanctuary) ships of 500 gross tons or more should **avoid** the area bounded by a line connecting the following geographical positions:

- 1. 34° 06′.00S., 172° 00′.00E.
- 2. 34° 06′.00S., 172° 12′.50E.
- 3. 34° 13′.50S., 172° 12′.50E.
- 4. 34° 13′.50S., 172° 00′.00E.

#### Precautionary Area off the West Coast of the North Island of New Zealand

Reference Charts: NZ 21 (INT 641), NZ 23 (INT 640), NZ 25 (INT 648), NZ 43, NZ 45, NZ 48, NZ 443, NZ 4432

The **precautionary area** is defined by a line connecting the following geographical positions, the landward extent of which is determined by Mean High Water Springs (MHWS).

- 1. The charted line of MHWS at approximately 38° 31′.00S., 174° 37′.80E.
- 2. 39° 18′.50S., 173° 05′.00E.
- 3. 39° 26′.00S., 173° 01′.00E.
- 4. 40° 03′.00S., 173° 04′.00E.
- 5. 40° 10′.00S., 173° 16′.00E.
- 6. The charted line of MHWS at approximately 39° 53′.50S., 174° 54′.50E.

Note: All ships should navigate with particular caution in order to reduce the risk of a maritime casualty and resulting marine pollution in the precautionary area.

Mariners are advised to refer to Annual New Zealand Notice to Mariners, No. 16.