
Proposed Visual Reporting Points
North Shore
– airspace user consultation

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Introduction

Proposal to Designate Nine Visual Reporting Points

North Shore Aero Club have submitted an application for 9 additional Visual Reporting Points (VRP) to be designated and published on visual navigation charts. See Appendix A for a diagram of the proposed VRPs, including:

- Wainui Shed
- Red Horn
- Mahurangi Harbour Entrance
- Gulf Harbour
- Mori Hill
- Waitoki
- Silverdale Interchange
- Twin Tunnels
- Albany Stadium

The North Shore Aeroclub have consulted stakeholders and local users commonly flying through the North Shore CFZ, including:

- Airlift
- Eagle/Helicopter Me
- Barrier Air
- Fly My Sky
- Advance Flight/Police
- Heletranz
- ARHT
- Parakai Aerodrome
- Whenuapai Tower (Airways NZ)
- NEST

The application noted current traffic levels in the North Shore area, particularly transiting helicopter traffic, may benefit from common reporting points to promote safety in the airspace. The application also noted the points submitted in the application are currently regularly used; however, whilst local operators may use these reporting points routinely, the locations may be unfamiliar to itinerant users.

Civil Aviation Rule Part 71 prescribes the general rules for the designation of airspace, including VRPs.

Requirements of Civil Aviation Rule Part 71 (71.251)

71.251 Visual reporting points

(a) The Director may designate visual reporting points for the purpose of—

- (1) facilitating the requirements of air traffic services for information regarding the progress of aircraft in flight; or
- (2) facilitating the safe conduct of flight by visual reference.

- (b) The Director must ensure that visual reporting points —
- (1) are based on prominent geographical features; and
 - (2) are identified by names or designators that—
 - (i) are easily recognisable in voice communications; and
 - (ii) will not be confused with those of other reporting points in the same general area; and
 - (iii) do not create confusion with other communications exchanged between pilots and between air traffic services and pilots.

Consultation list

Prior to designating VRPs, Civil Aviation Rule 71.9 requires the Director to consult independently with affected persons, organisations, and representative groups within the aviation industry before making a designation or classification of airspace.

The Director invites feedback regarding the 9 proposed VRP designations.

This document is available on the CAA website at the following link:

<https://www.aviation.govt.nz/airspace-and-aerodromes/airspace/airspace-review/2021-airspace-reviews/>

Notifications will be sent to CAA email notification subscribers to Airspace Notifications –Briefing Areas 1 and 2.

If there are any further questions regarding the consultation process, please contact Hamish McKoy or Julia Fitness – contact details below.

Submissions

This document forms part of the consultation process. Submissions are sought from any interested person, organisation, or representative group.

Submissions are accepted either electronically or via mail.

Please address submissions to:

Team Coordinator
Aviation Infrastructure and Personnel
Civil Aviation Authority of New Zealand
PO Box 3555
Wellington 6140

Email: Gillian.Openstein@caa.govt.nz

Reference – **Proposed VRPs North Shore 22/ASD/1**

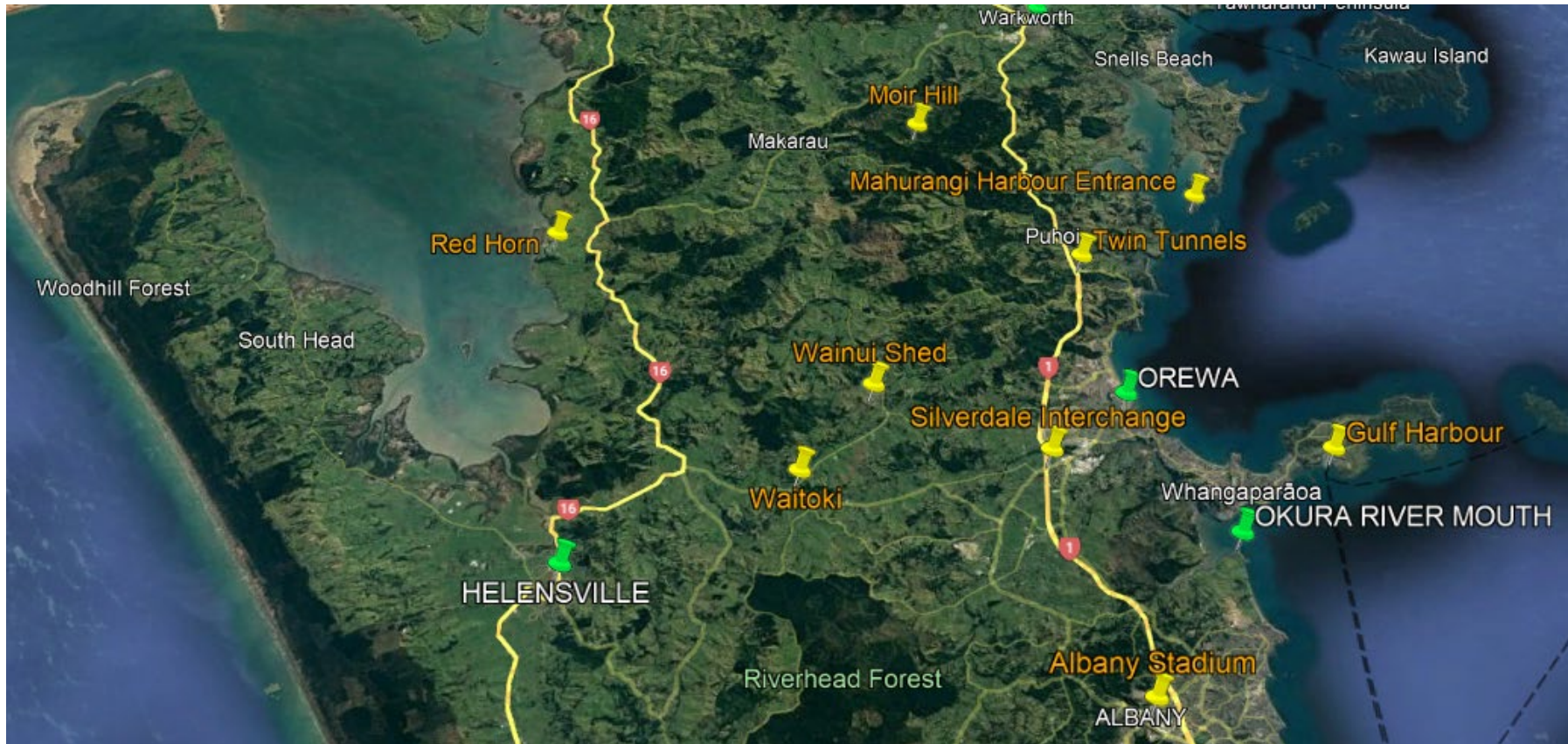
Closing date for submissions is **Friday 7th January 2022**.

Further information

For further information contact:

Julia Fitness Julia.Fitness@caa.govt.nz
Hamish McKoy Hamish.Mckoy@caa.govt.nz
Aeronautical Services (Airspace)
Aviation Infrastructure and Personnel
Civil Aviation Authority of New Zealand
P O Box 3555
Wellington 6011


Appendix A – Proposed VRPs North Shore



Existing VRPs



Proposed waypoint descriptions as submitted in the proposal:


Location	Suggested Name	Description	Photo
<p>36° 35' 48" S 174° 35' 00" E</p>	<p>Wainui Shed</p>	<p>This point is a large blue warehouse located just north of Wainui Town, it is a popular area for students to train in. Wainui Shed is the suggested name due to the VRP near Gisborne already called Wainui.</p>	 <p>The photograph is an aerial view of a rural area with rolling green hills and scattered buildings. A large, prominent blue-roofed warehouse is circled in red. The warehouse is situated near a road and some other smaller structures. The surrounding landscape is lush and green, with some trees and fields visible. The sky is clear and blue.</p>



36° 31' 24" S
174° 25' 57" E

Red Horn

The Anish Kapoor located at [Gibbs Sculpture Farm](#). People travelling through the Kiapara Harbour commonly use this point to report already, but there is nothing marked on the chart.





<p>36° 30' 14" S 174° 44' 08" E</p>	<p>Mahurangi Harbour Entrance</p>	<p>Using Sadler point, which is the southernmost point of the eastern peninsula at Mahurangi Heads. This area has a large amount of coastal transiting traffic as well as student pilots practicing in the area. Pilots commonly report at Mahurangi Harbour, but the harbour is reasonably large, this should make the reports in the area more accurate and therefore safer for all involved.</p>	 An aerial photograph taken from an elevated perspective, likely from an aircraft, showing a large body of water (Mahurangi Harbour) with several islands and peninsulas. The water is a deep teal color. The sky is overcast with grey clouds, and the sun is visible near the horizon, creating a soft glow. A red circle is drawn around a small, dark island in the middle of the harbour, which is identified as Sadler Point in the text. The wing of the aircraft is visible in the bottom left corner.
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<p>36° 37' 28" S 174° 47' 16" E</p>	<p>Gulf Harbour</p>	<p>This point is centred on the southernmost point of the marina where the public ferry departs from. This point is used a lot by north-south transiting traffic trying to keep a wide berth from the North Shore Circuit area as well as traffic departing to Great Barrier.</p>	
<p>36° 28' 08" S 174° 36' 09" E</p>	<p>Moir Hill</p>	<p>The radio mast located at Moir Hill. Once again a good point for north-south transiting traffic as they change over from the North Shore CFZ and into the 119.1MHz area 4nm south Kaipara Flats Airfield</p>	

<p>36° 38' 04" S 174° 33' 05" E</p>	<p>Waitoki</p>	<p>The intersection in Waitoki village. As with Wainui, Waitoki is a popular training area for students. Waitoki is also near the western boundary of G157 and is a popular calling point for aircraft transiting west</p>
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<p>36° 37' 31" S 174° 39' 46" E</p>	<p>Silverdale Interchange</p>	<p>Centred on the motorway junction at Silverdale. Used when there are multiple aircraft joining the circuit and included in the current North Shore Aircraft Operators Guide.</p>	
<p>36° 32' 05" S 174° 40' 48" E</p>	<p>Twin Tunnels</p>	<p>Johnston's Hill Tunnels just south of Puhoi. Both training and transiting aircraft are fairly active following the east coast north or Orewa. There is also a large amount of transiting traffic following the motorway.</p>	

36° 43' 37" S
174° 42' 08" E

Albany Stadium

North Harbour Stadium located in Albany. Requested by Whenuapai Tower to give a hold point for traffic transiting their airspace from the north through to the city, which keeps traffic north of their extended centreline.

