APPENDIX 2

Maps of Operation Areas

There are three areas of operation being considered as part of this application;

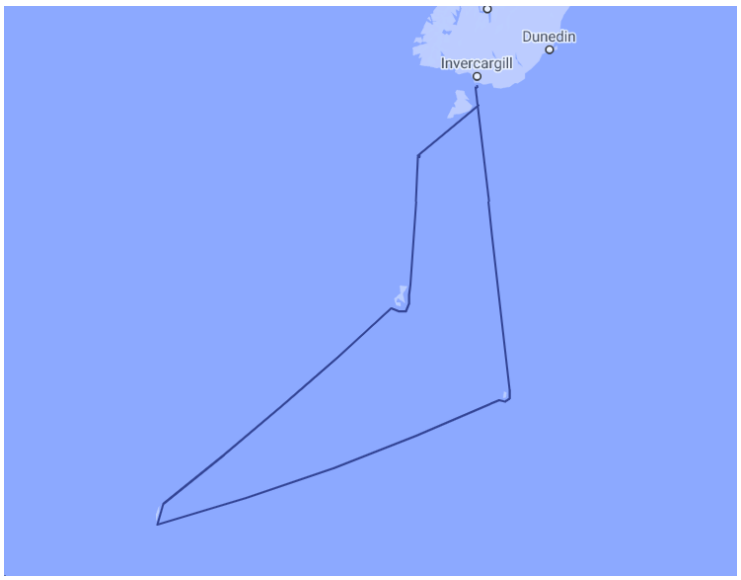
1) The NZ Subantarctic Islands (Snares/Tini Heke, Auckland/Motu Maha/Maungahuka, Campbell/Motu Ihupuku, Antipodes/Moutere Mahue and Bounty/Moutere Hauriri);
2) Fiordland/Te Rua-o-te-moko and Stewart Island/Rakiura; and
3) Chatham Islands/Wharekauri/Rēkohu.

In addition, the transit pathways between these areas for the main vessel are also part of the application.

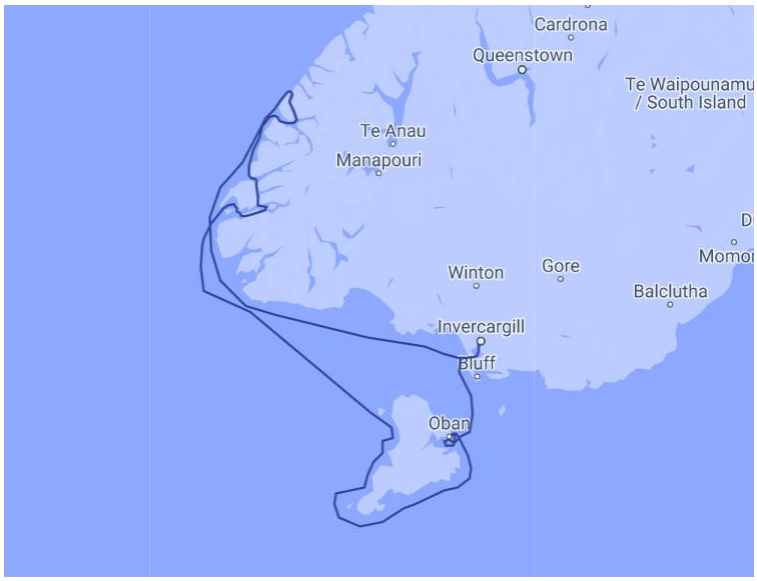


See below for some examples of potential *Heritage Adventurer* multi-day cruise itinerary routes which include the above areas of operation. Individual voyage durations and combinations of locations visited would vary from season to season.

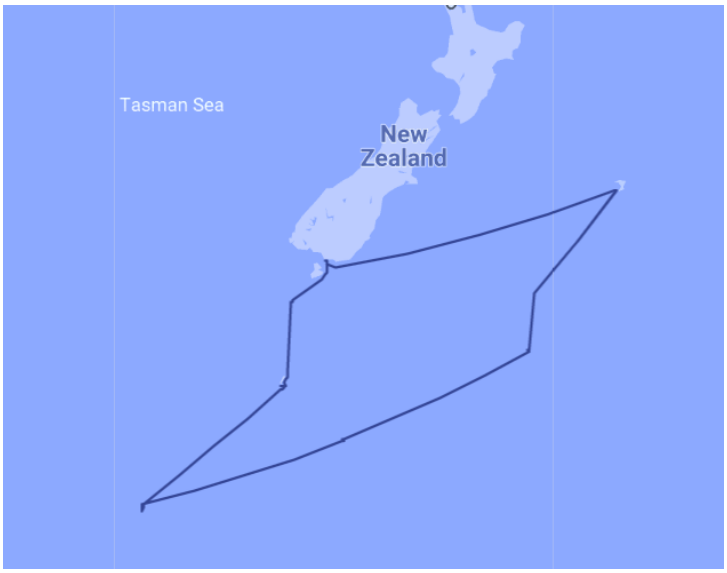
'Galapagos of the Southern Ocean'



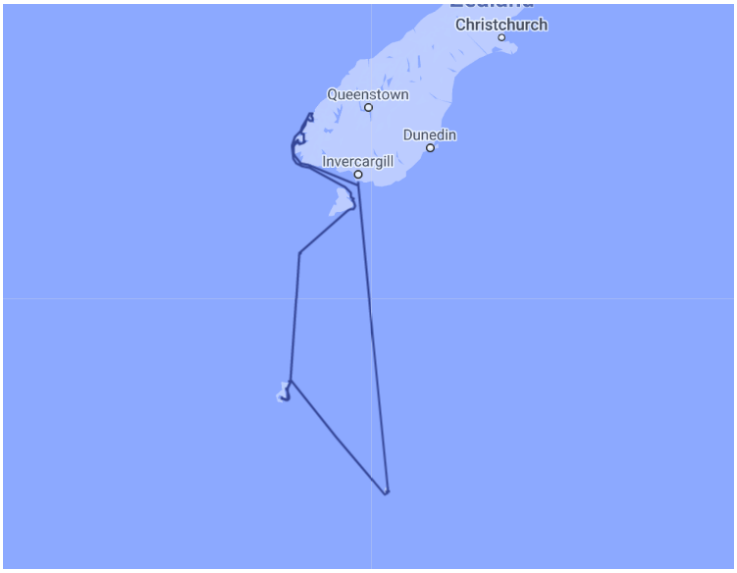
'Unseen Fiordland and Stewart Island'



'Birding Downunder'



'Beyond Fiordland'

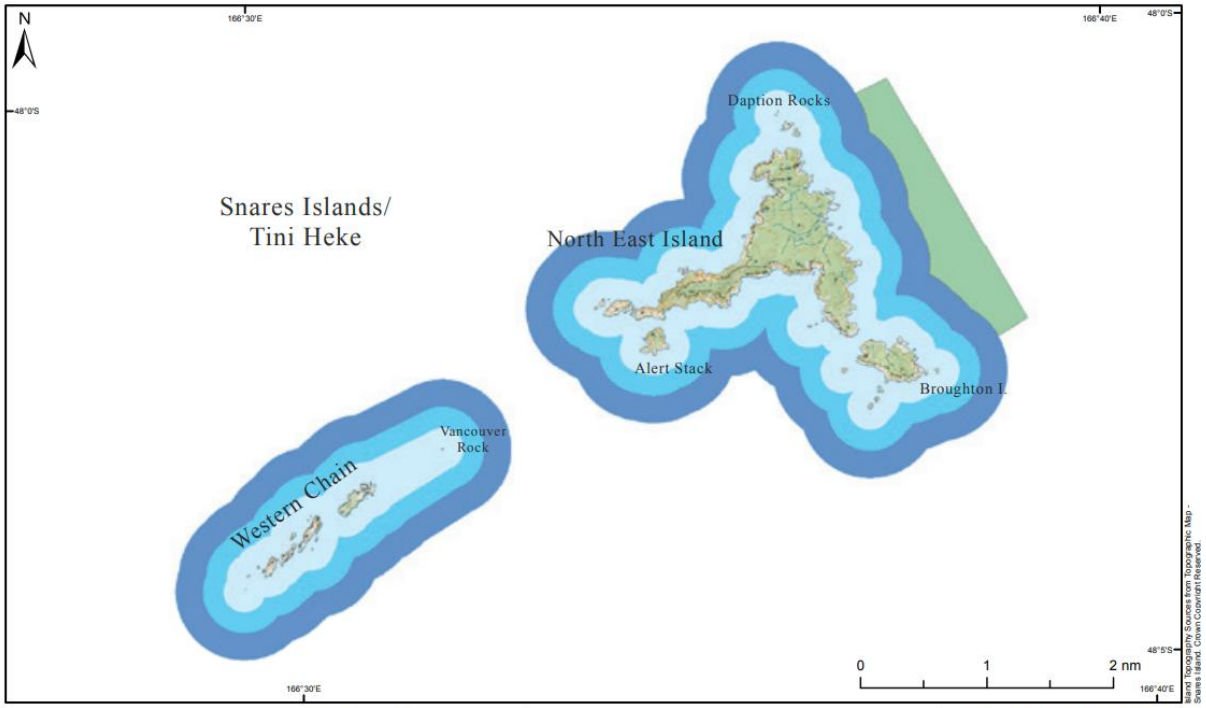


The New Zealand Subantarctic Islands

The main vessel will be subject to the restrictions placed on it under *The Regional Coastal Plan; Kermadec and Subantarctic Islands*, in terms of approach distances and anchorages once at each of the island groups. As the vessel is 124m long, it is not permitted to be closer than 300m from the shoreline as shown in the maps below. It's ultimate anchoring/position outside of 300m at each of these island groups will be based on the best location to accommodate the sea and weather conditions and safety of the vessel and its passengers.

Snares Islands/Tini Heke

Areas of operation for the zodiacs/ancillary vessels could be all along the coastlines of both the North East Island and the Western Chain.



Distance to MHWS (metres & nautical miles)	Vessel Class (metres)			
	Ancillary Craft	Up to 30 m	Between 30 - 125 m	Large (> 125 m)
Up to 300 m (0.162 nm)	Permitted	Discretionary	Discretionary	Prohibited
300 m to 600 m (0.162 nm - 0.324 nm)	Permitted	Permitted	Permitted	Prohibited
600 m to 1000m (0.324 nm - 0.540 nm)	Permitted	Permitted	Permitted	Discretionary
Excess of 1000m (0.540 nm)	Permitted	Permitted	Permitted	Permitted

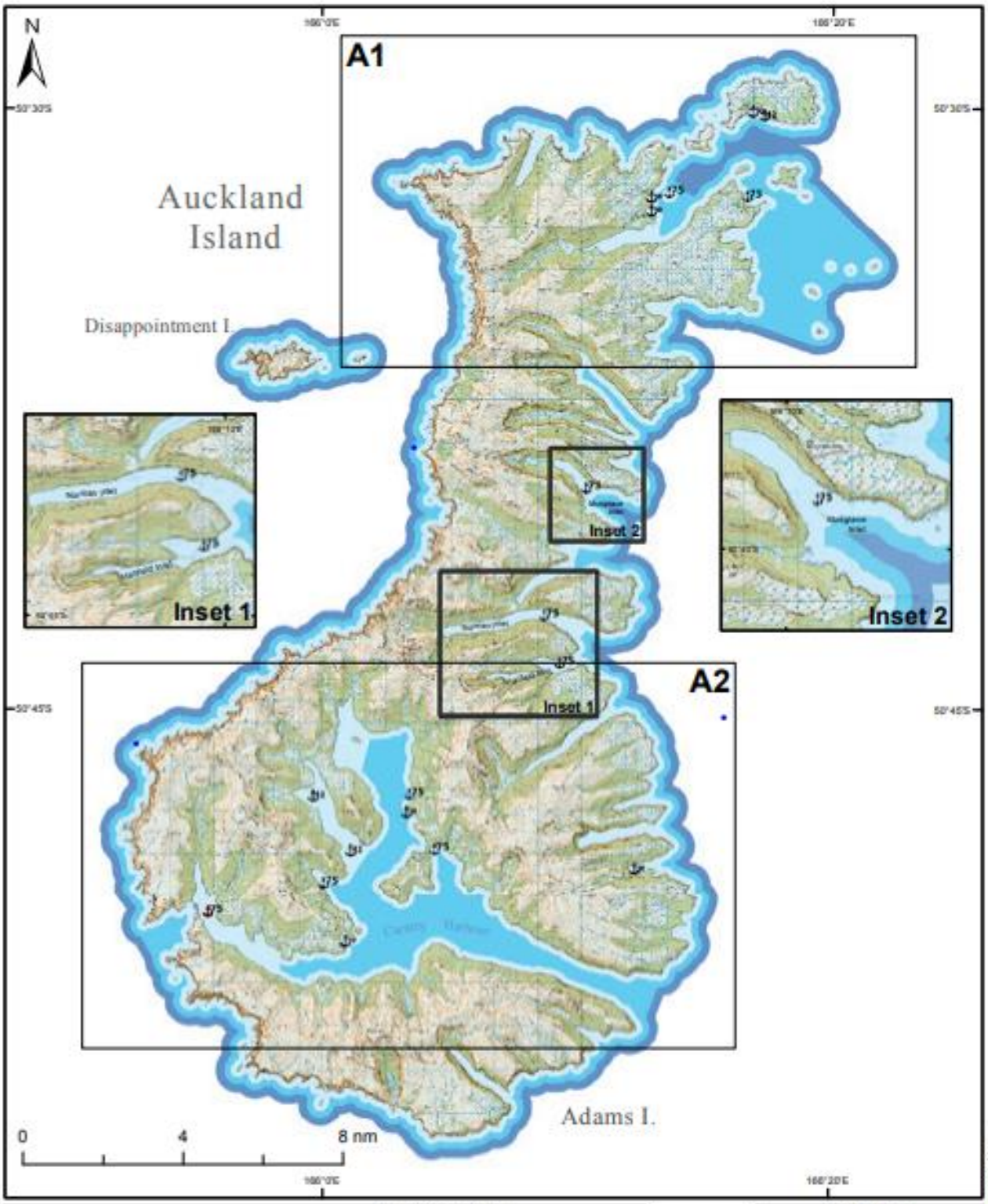
NOT TO BE USED FOR NAVIGATIONAL PURPOSES *MHWS: Mean High Water Springs

The Master of any vessel entering any of the waters of the Subantarctic Islands needs to be aware of the risks – such as age and nature of hydrographic survey data (potential for uncharted hazards) coupled with the effect of strong winds - and be mindful that rapid and severe changes in weather conditions can occur.

Island Topography Sources from Topographic Map - Snares Island. Crown Copyright Reserved.

Auckland Islands/Motu Maha/Maungahuka

Areas of operation for the zodiacs/ancillary vessels will be all along the coastline, in particular focussing on; Port Ross, Musgrave Inlet, Carnley Harbour and Dissappointment Island.



Distance to MHWS (metres & nautical miles)	Vessel Class (metres)			
	Ancillary Craft	Up to 30 m	Between 30 - 125 m	Large (> 125 m)
Up to 300 m (0.162 nm)	Permitted	Discretionary	Discretionary	Prohibited
300 m to 600 m (0.162 nm - 0.324 nm)	Permitted	Permitted	Permitted	Prohibited
600 m to 1000m (0.324 nm - 0.540 nm)	Permitted	Permitted	Permitted	Discretionary
Excess of 1000m (0.540 nm)	Permitted	Permitted	Permitted	Permitted

NOT TO BE USED FOR NAVIGATIONAL PURPOSES

*MHWS: Mean High Water Springs

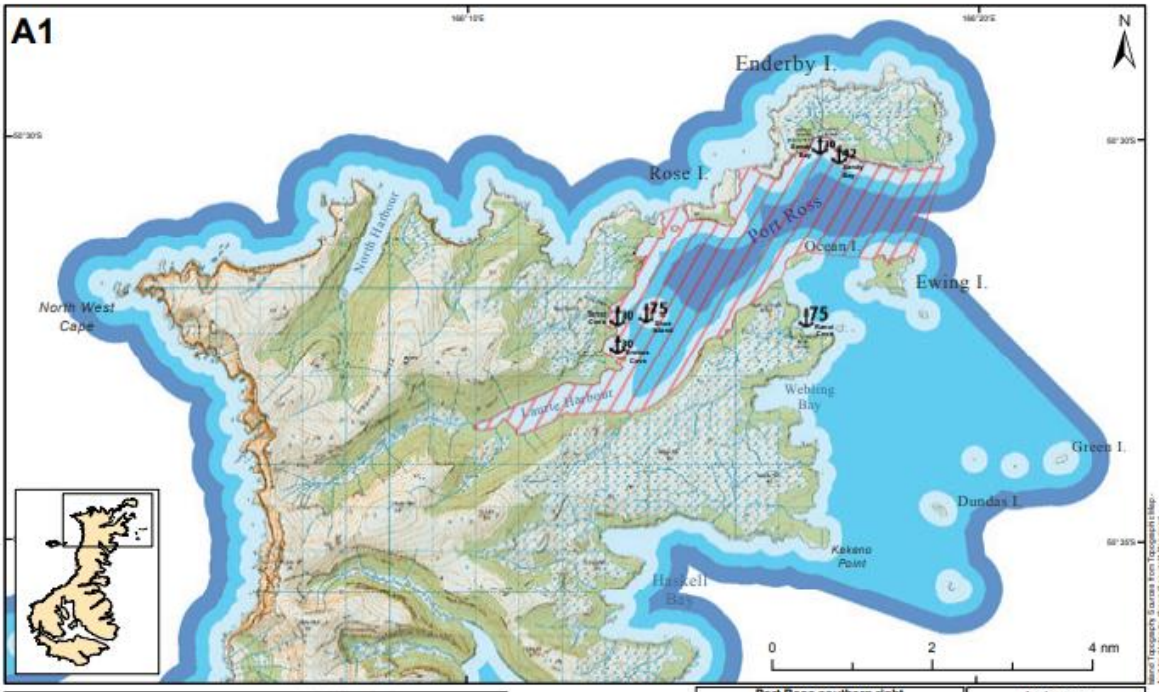
The Master of any vessel entering any of the waters of the Subantarctic Islands needs to be aware of the risks – such as age and nature of hydrographic survey data (potential for uncharted hazards) coupled with the effect of strong winds - and be mindful that rapid and severe changes in weather conditions can occur.

Anchorages

Vessels of the length specified below do not require a permit to anchor at the designated locations only (Anchor at own discretion)

- For Vessels up to 30 metres
- For Vessels up to 42 metres
- For Vessels up to 75 metres
- For Vessels up to 75 metres (if wind speed is <35 knots)

Island Topography Sources from Topographic Map - Auckland Islands. Crown Copyright Reserved.



Distance to MHWS (metres & nautical miles)	Vessel Class (metres)			
	Ancillary Craft	Up to 30 m	Between 30 - 125 m	Large (> 125 m)
Up to 300 m (0.162 nm)	Permitted	Discretionary	Discretionary	Prohibited
300 m to 600 m (0.162 nm - 0.324 nm)	Permitted	Permitted	Permitted	Prohibited
600 m to 1000m (0.324 nm - 0.540 nm)	Permitted	Permitted	Permitted	Discretionary
Excess of 1000m (0.540 nm)	Permitted	Permitted	Permitted	Permitted

NOT TO BE USED FOR NAVIGATIONAL PURPOSES *MHWS: Mean High Water Springs

Port Ross southern right whale exclusion zone

Access to this area is subject to certain restrictions 1 April to 31 October - see all access and anchoring provisions where Performance Standard 5 of Table 2 applies

The Master of any vessel entering any of the waters of the Subantarctic Islands needs to be aware of the risks – such as age and nature of hydrographic survey data (potential for uncharted hazards) coupled with the effect of strong winds - and be mindful that rapid and severe changes in weather conditions can occur.

Anchorages

Vessels of the length specified below do not require a permit to anchor at the designated locations only (Anchor at own discretion)

- For Vessels up to 30 metres
- For Vessels up to 42 metres
- For Vessels up to 75 metres

Base Topographic Source from Topographic Map - Auckland Islands. Crown Copyright Reserved.



Distance to MHWS (metres & nautical miles)	Vessel Class (metres)			
	Ancillary Craft	Up to 30 m	Between 30 - 125 m	Large (> 125 m)
Up to 300 m (0.162 nm)	Permitted	Discretionary	Discretionary	Prohibited
300 m to 600 m (0.162 nm - 0.324 nm)	Permitted	Permitted	Permitted	Prohibited
600 m to 1000m (0.324 nm - 0.540 nm)	Permitted	Permitted	Permitted	Discretionary
Excess of 1000m (0.540 nm)	Permitted	Permitted	Permitted	Permitted

NOT TO BE USED FOR NAVIGATIONAL PURPOSES *MHWS: Mean High Water Springs

The Master of any vessel entering any of the waters of the Subantarctic Islands needs to be aware of the risks – such as age and nature of hydrographic survey data (potential for uncharted hazards) coupled with the effect of strong winds - and be mindful that rapid and severe changes in weather conditions can occur.

Anchorages

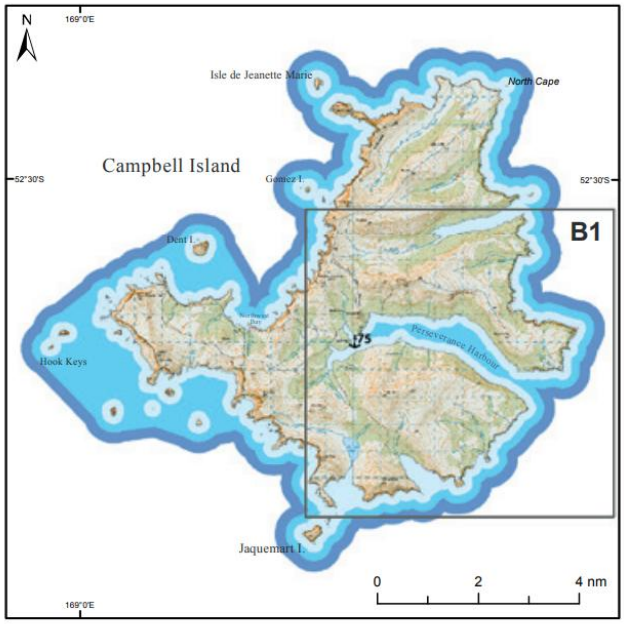
Vessels of the length specified below do not require a permit to anchor at the designated locations only (Anchor at own discretion)

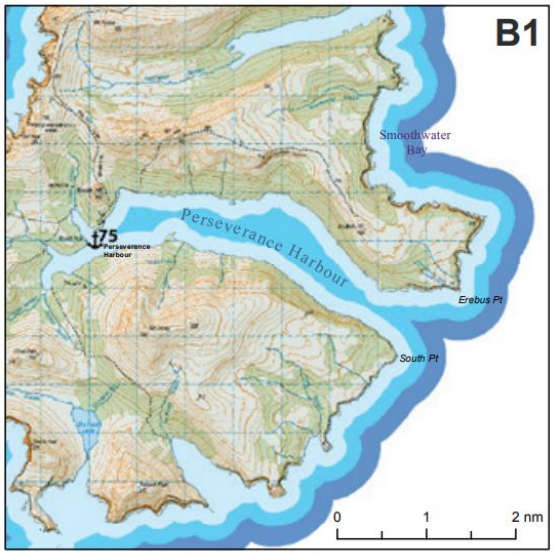
- For Vessels up to 30 metres
- For Vessels up to 42 metres
- For Vessels up to 75 metres
- For Vessels up to 75 metres (if wind speed is <35 knots)

Base Topographic Source from Topographic Map - Auckland Islands. Crown Copyright Reserved.

Campbell Island/Motu Ihupuku

Areas of operation for the zodiacs/ancillary vessels will be all along the coastline, in particular focussing on the eastern coastline from North Cape down to Jaquemart Island, including Perseverance Harbour.





Island Topography Sources from Topographic Map - Campbell Islands. Crown Copyright Reserved.

The Master of any vessel entering any of the waters of the Subantarctic Islands needs to be aware of the risks – such as age and nature of hydrographic survey data (potential for uncharted hazards) coupled with the effect of strong winds - and be mindful that rapid and severe changes in weather conditions can occur.

Distance to MHWS (metres & nautical miles)	Vessel Class (metres)			
	Ancillary Craft	Up to 30 m	Between 30 - 125 m	Large (> 125 m)
Up to 300 m (0.162 nm)	Permitted	Discretionary	Discretionary	Prohibited
300 m to 600 m (0.162 nm - 0.324 nm)	Permitted	Permitted	Permitted	Prohibited
600 m to 1000m (0.324 nm - 0.540 nm)	Permitted	Permitted	Permitted	Discretionary
Excess of 1000m (0.540 nm)	Permitted	Permitted	Permitted	Permitted

NOT TO BE USED FOR NAVIGATIONAL PURPOSES *MHWS: Mean High Water Springs

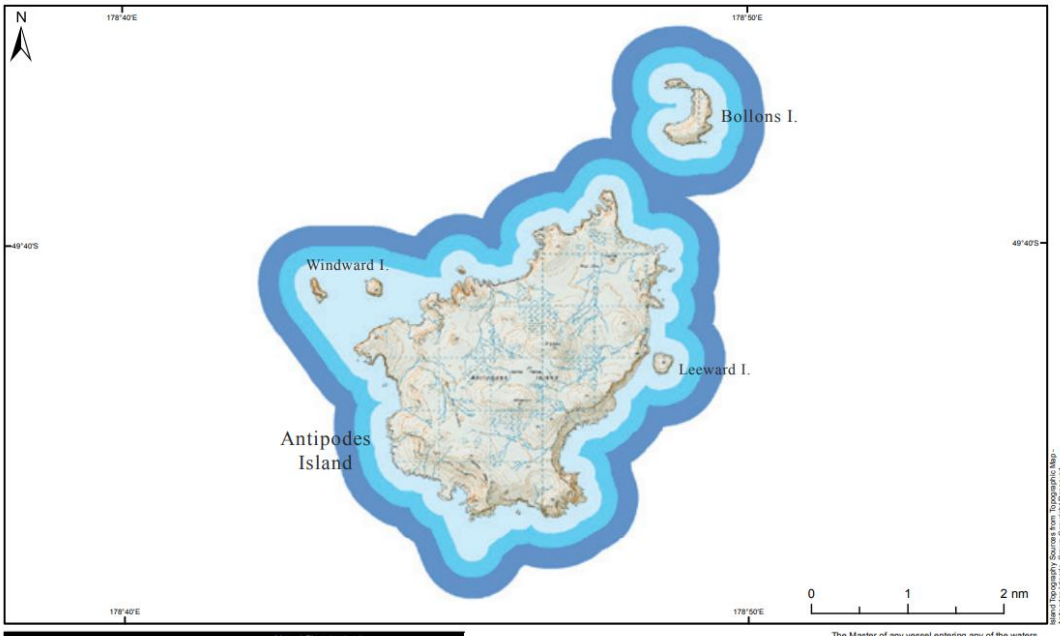
Anchorages

Vessels of the length specified below do not require a permit to anchor at the designated locations only (Anchor at own discretion)

⚓75 For Vessels up to 75 metres

Antipodes Islands/Moutere Mahue

Areas of operation for the zodiacs/ancillary craft would be all along the coastline.



Island Topography Sources from Topographic Map - Antipodes Islands. Crown Copyright Reserved.

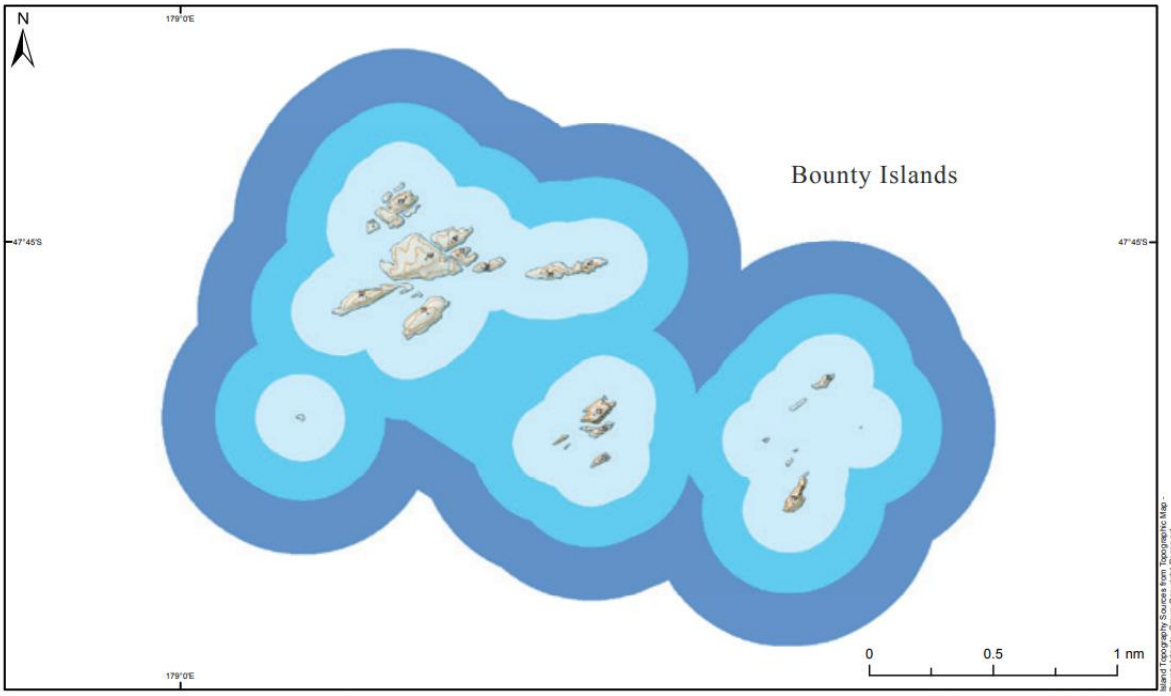
The Master of any vessel entering any of the waters of the Subantarctic Islands needs to be aware of the risks – such as age and nature of hydrographic survey data (potential for uncharted hazards) coupled with the effect of strong winds - and be mindful that rapid and severe changes in weather conditions can occur.

Distance to MHWS (metres & nautical miles)	Vessel Class (metres)			
	Ancillary Craft	Up to 30 m	Between 30 - 125 m	Large (> 125 m)
Up to 300 m (0.162 nm)	Permitted	Discretionary	Discretionary	Prohibited
300 m to 600 m (0.162 nm - 0.324 nm)	Permitted	Permitted	Permitted	Prohibited
600 m to 1000m (0.324 nm - 0.540 nm)	Permitted	Permitted	Permitted	Discretionary
Excess of 1000m (0.540 nm)	Permitted	Permitted	Permitted	Permitted

NOT TO BE USED FOR NAVIGATIONAL PURPOSES *MHWS: Mean High Water Springs

Bounty Islands/Moutere Hauriri

Areas of operation for the zodiacs/ancillary craft would be all along the coastline.



Distance to MHWS (metres & nautical miles)	Vessel Class (metres)			
	Ancillary Craft	**Up to 30 m**	**Between 30 - 125 m**	**Large (> 125 m)**
Up to 300 m (0.162 nm)	Permitted	Discretionary	Discretionary	Prohibited
300 m to 600 m (0.162 nm - 0.324 nm)	Permitted	Permitted	Permitted	Prohibited
600 m to 1000m (0.324 nm - 0.540 nm)	Permitted	Permitted	Permitted	Discretionary
Excess of 1000m (0.540 nm)	Permitted	Permitted	Permitted	Permitted

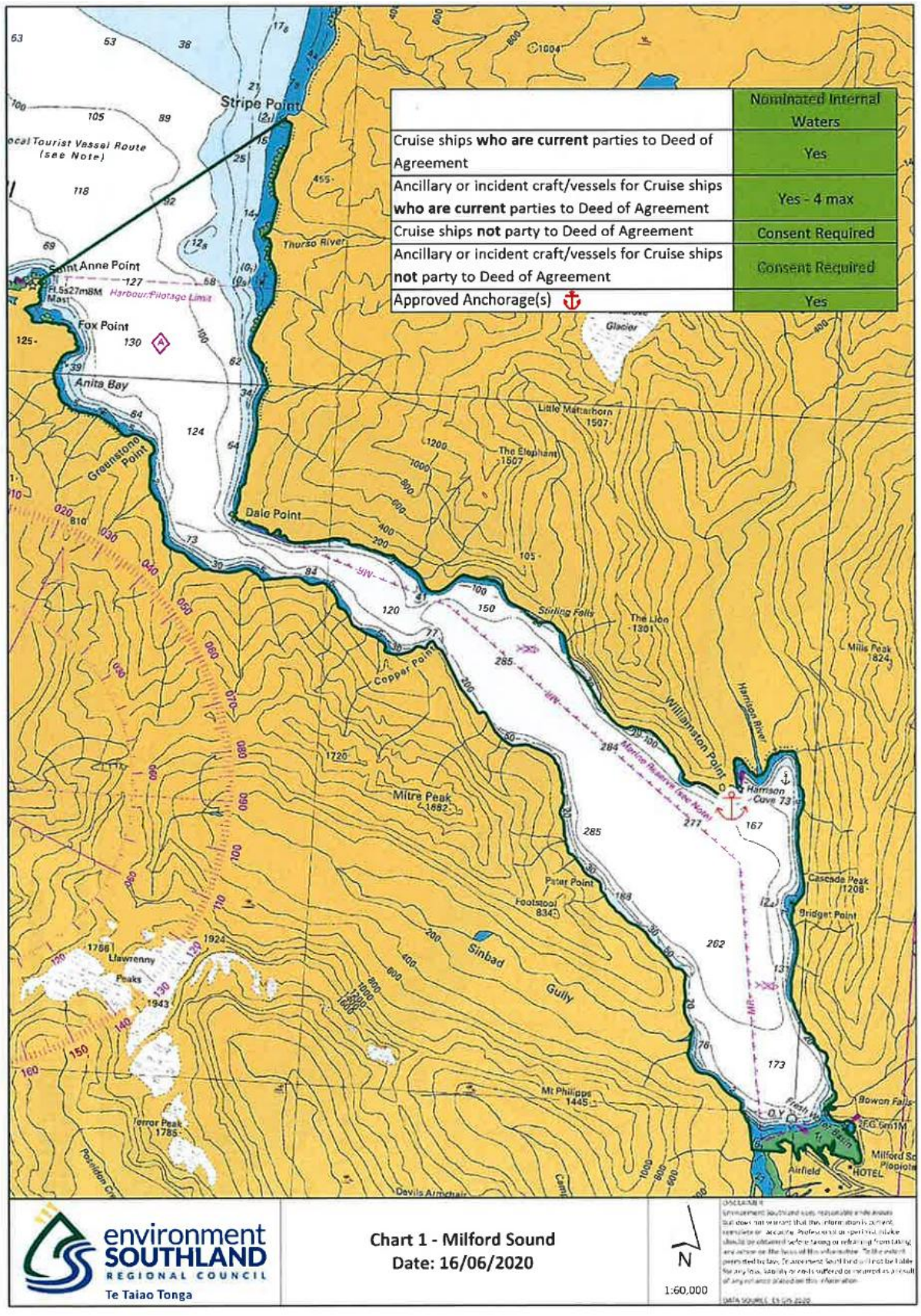
NOT TO BE USED FOR NAVIGATIONAL PURPOSES *MHWS: Mean High Water Springs

The Master of any vessel entering any of the waters of the Subantarctic Islands needs to be aware of the risks – such as age and nature of hydrographic survey data (potential for uncharted hazards) coupled with the effect of strong winds - and be mindful that rapid and severe changes in weather conditions can occur.

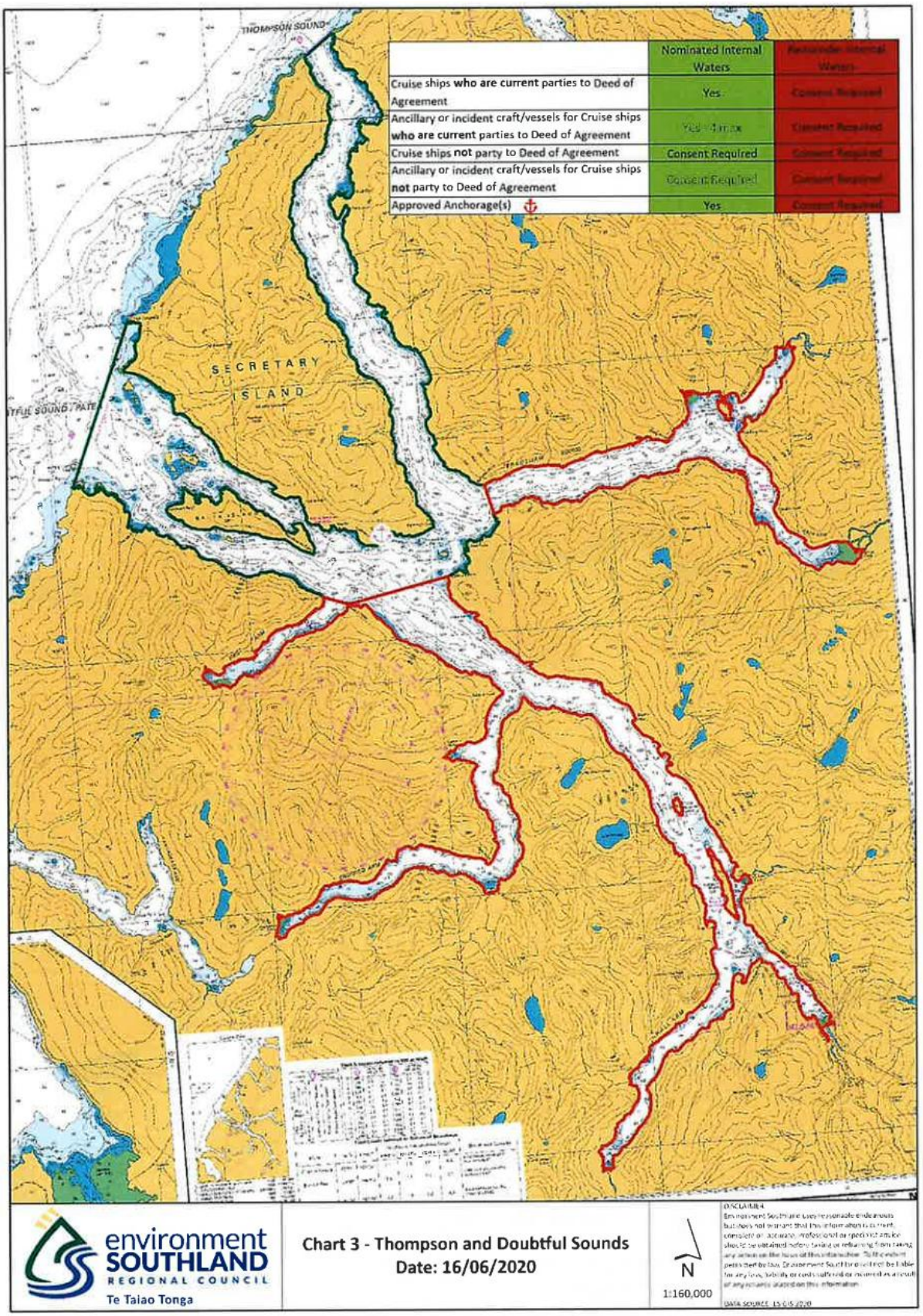
Fiordland/ Te Rua-o-te-moko and Stewart Island/Rakiura

The main vessel will be subject to the restrictions placed on it under *The Regional Coastal Plan for Southland* and the *Deed of Agreement between Cruise Ship Operators and Environment Southland* in these areas. The Deed restricts anchorages and access by ships over 1000gt to certain 'high traffic' areas. It also restricts the number of ancillary craft used at any one time, to a maximum of four. Therefore the following areas will be areas of operation for the main vessel and up to four zodiacs/ancillary craft at a time.

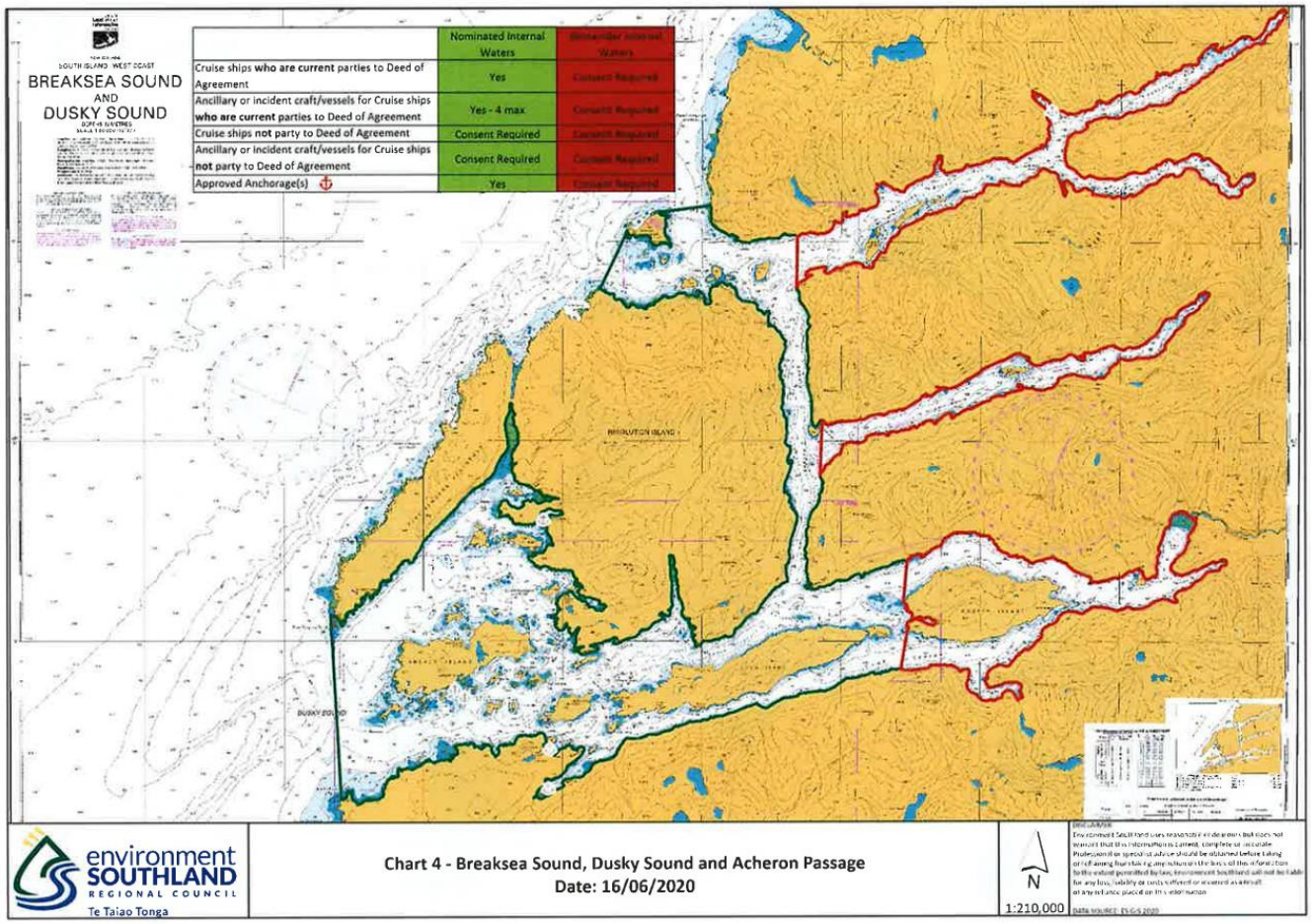
Milford Sound/Piopiotahi



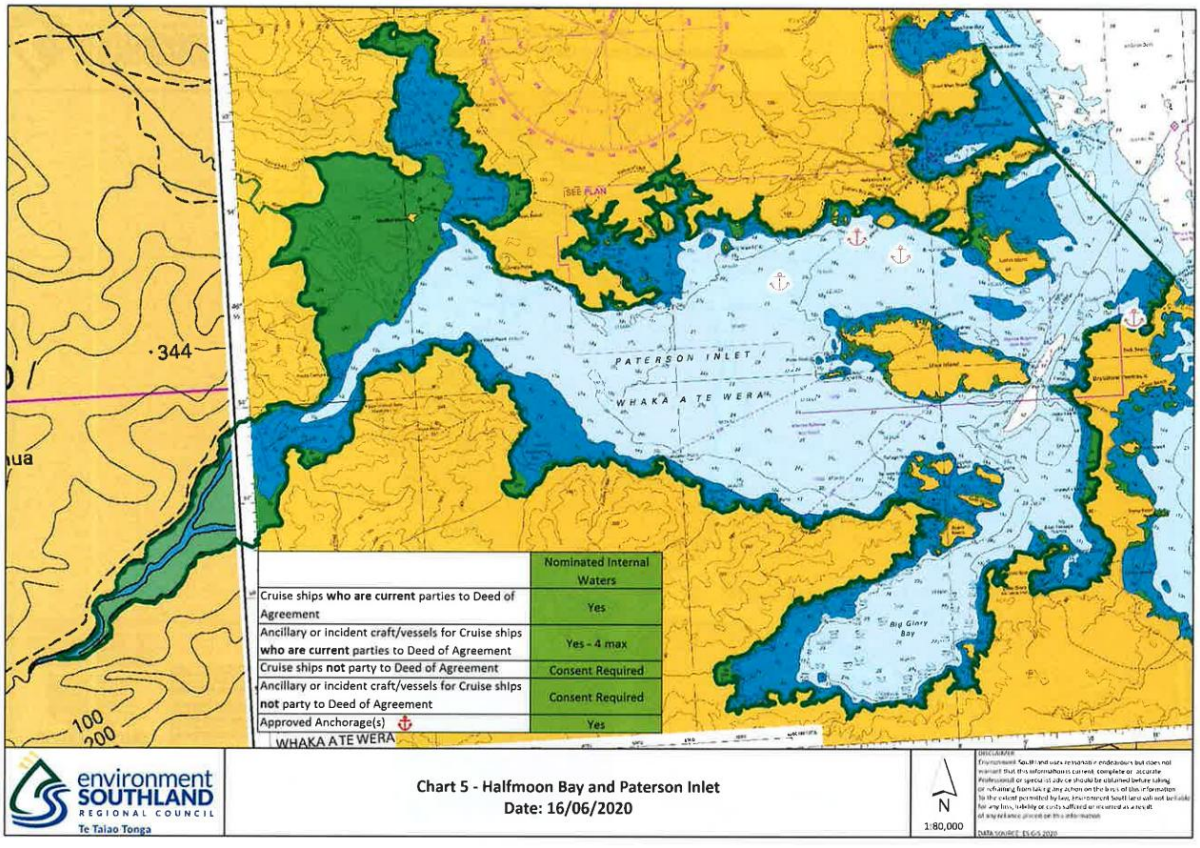
Thompson and Doubtful Sound/Patea



Breaksea Sound/Te Puaitaha, Dusky Sound/Tamatea and Acheron Passage

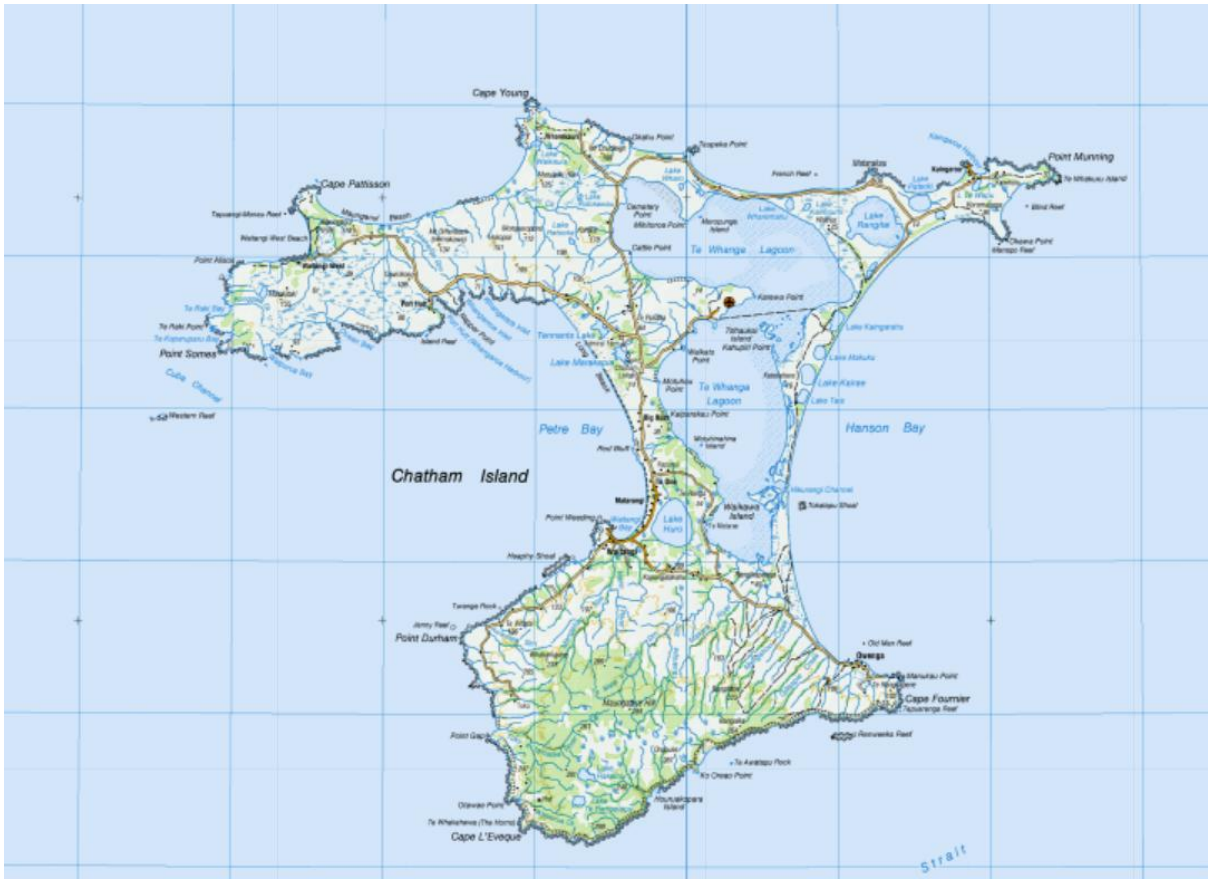


Rakiura/Stewart Island – Paterson Inlet/Whaka a Te Wera and Halfmoon Bay



Chatham Islands/Wharekauri/Rēkohu

The main vessel is not subject to any restrictions in terms of operation around the Chatham Islands/ Wharekauri/Rēkohu. Therefore the area of operation for the Chatham Islands could include the entire coastline and outlying islands, with particular focus on The Pyramid/Tarakoikoia, Pitt Island/Rangiauria and surrounding islets including South East Island/ Rangitira and Waitangi (on the main island). The vessel's ultimate anchoring/position will be based on the best location to accommodate the sea and weather conditions and safety of the vessel and its passengers.






Motutapu Point
Tarawhenua Point
Flower Pot
(Onoua)
Rabbit Island
Bluff
Round Island
Star Keys (Motuhope)
Mangere Island
Little Mangere Island
(Tapuaenuku) The Fort
Waihere
Bay
Kahuitara Point
Hakepa
North Head
North-East Reef
(Terangi-taumaewa)
Waihere
Sail Rock
The Castle
(Rangiwheau)
Pitt Island (Rangiauria)
Hapua Hill
Waipaua Stm
Waipaua
Glory Bay
Rangiauria Point
Canister Cove
(Waikokopu)
Rangitira (South East Island)
Round Rock
(Rangituka)
South Reef
Fancy Rock
The Pyramid (Tarakoikoia)