



# PUBLIC WARNING SYSTEM

As at January 2016

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## Purpose

The Dunedin City Civil Defence Emergency Management Public Warning System is designed to alert and inform the public in Dunedin that there may be a threat to safety and advise them of appropriate actions to take, including alerting others.

## Method

The alert (for any event) is provided by one or more of the following means:

Method	Resource	Suppliers
Media releases	Broadcast media	Media organisations (PI&NML resource folder Appendix A)
	Social Media	Twitter & Facebook - dneemergency Twitter & Facebook - dncitycouncil
	Website(s)	DCC Web team
Smart Phone App	Red Cross Hazards App	Red Cross website
Door-to-door visits	Uniformed emergency service personnel	Police / Fire
	Identified utility staff/contractors	Utility owners
Public meetings (developing situation)	Public halls	As appropriate
Sirens* / PA (vehicle)	Emergency Service vehicles	Police Fire Service Rural Fire Civil Defence Emergency Management - EOC
	Siren / light bars	
Sirens* (portable)	Trailer mounted petrol double-ender sirens	Civil Defence Emergency Management - Dean St depot
Sirens* (aerial)	Sirens mounted beneath helicopters	Helicopters Otago
Sirens* (fixed)	Volunteer fire stations <ul style="list-style-type: none"> <li>• Brighton</li> <li>• Middlemarch</li> <li>• Mosgiel</li> <li>• Outram</li> <li>• Port Chalmers/Sawyers Bay</li> <li>• Portobello/Broad Bay</li> <li>• Ravensbourne</li> <li>• Waikouaiti</li> <li>• Waitati</li> </ul>	Fire Service

\* Sirens will generally be used in conjunction with one or more of the informative methods above.

## Authorisation

The authorisation of public warning will generally be following activation of and recommendation by the Controller's Advisory Group, possibly in conjunction with a declaration of a state of emergency.

In urgent circumstances, where the time to activate the Controller's Advisory Group may reduce a public warning's effectiveness and compromise public safety, the following may authorise the public warning:

- Civil Defence Emergency Management Controller or an Alternate Controller.
- The Civil Defence Emergency Management Duty Officer, in conjunction with the senior available officer of the New Zealand Police and/or the New Zealand Fire Service.

This public warning system may be used on behalf of other emergency services on their request and under their authority.

## Specific Arrangements for Tsunami Warning

### Broadcast Media

If a national warning for tsunami has been promulgated, the Ministry of Civil Defence and Emergency Management will have commenced broadcasts over national media networks. These will have a national, rather than local focus.

Local information can be broadcast over the following local networks and stations:

- The Radio Network (TRN)
- Media Works
- Dunedin Television (audio only)
- Otago Access Radio

Broadcasts will be prepared by the Public Information team at the Emergency Operations Centre. This would only be initiated where time allows for detailed local information.

### Social Media

Dunedin Civil Defence Emergency Management has Twitter and Facebook accounts (DnEmergency), which are used to promulgate emergency information.

Dunedin City Council Twitter and Facebook accounts will be used by the Public Information team to re-broadcast messages generated by DnEmergency and to publicise Council emergency information. Emergency information posted on Dunedin City Council accounts will be re-broadcast on DnEmergency accounts.

### Web Pages

The Dunedin City Council and the Otago Civil Defence Emergency Management websites will have emergency information releases prominently displayed on their home pages.

### Sirens and Siren Routes

Warning sirens from emergency services will be used to augment other alerting and information sources and will not be used as a sole alert mechanism.

Sirens are sourced as follows:

Siren type	Qty	Supplier	Tsunami Route Number(s)	Comment
Rural fire appliance sirens	2	Otago Rural Fire Authority	2, 6	Volunteer fire-fighter drivers
Fire Appliance sirens	6	New Zealand Fire Service	1, 3, 5, 7, 8, 10	
Police vehicle siren	1	New Zealand Police	4	
Trailer sirens	2	Civil Defence Emergency Management	9	
Volunteer Fire Stations	6	New Zealand Fire Service		Fixed installations including secondary sirens
Aerial sirens	2	Helicopters Otago		Coastal areas / beaches

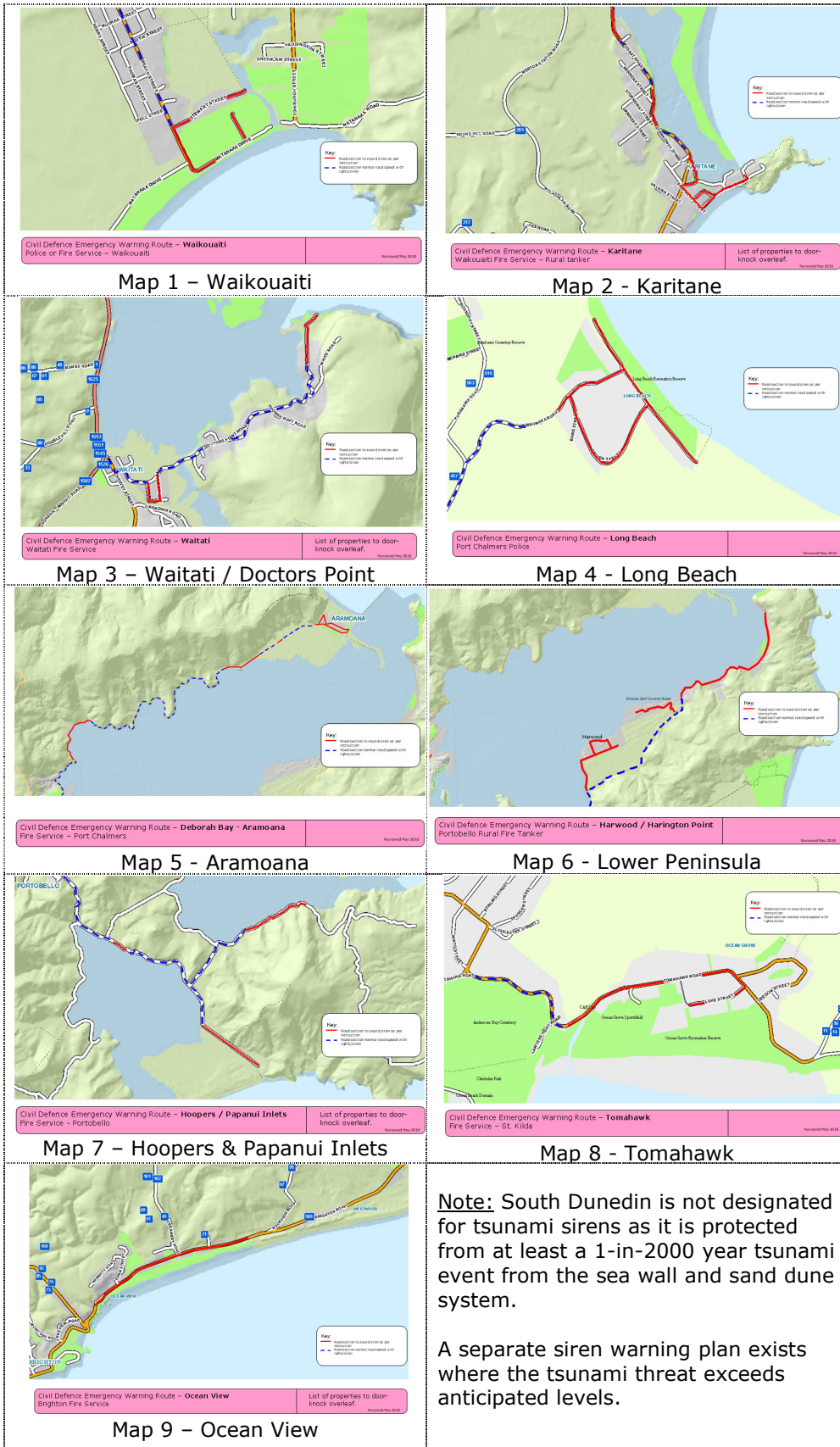
Siren routes are pre-determined based on tsunami risk analysis and route maps and instructions (see Appendix B) are held by the supplying organisations as well as at the Emergency Operations Centre.

Residents in at risk areas are encouraged to make sure their neighbours are aware of a tsunami warning as soon as they become aware of the warning, by whatever means.

### At-risk property addresses

Siren route cards identify the addresses of higher risk properties in some areas and instructions include visiting those properties in person to alert and advise them.

# Appendix A Tsunami Siren Route Maps



**Note:** South Dunedin is not designated for tsunami sirens as it is protected from at least a 1-in-2000 year tsunami event from the sea wall and sand dune system.

A separate siren warning plan exists where the tsunami threat exceeds anticipated levels.