

RMA FORM 5



Submission on publicly notified Proposed Porirua District Plan

Clause 6 of the First Schedule, Resource Management Act 1991

To: Porirua City Council

1. Submitter details:

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2. This is a **submission** on the **Proposed District Plan** for Porirua.

3. I could I could not
gain an advantage in trade competition through this submission.
(Please tick relevant box)

If **you could** gain an advantage in trade competition through this submission please complete point four below:

4. I am I am not
directly affected by an effect of the subject matter of the submission that:
(a) adversely affects the environment; and
(b) does not relate to trade competition or the effects of trade competition.
(Please tick relevant box if applicable)

Note:

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

5. I wish I do not wish
 To be heard in support of my submission
(Please tick relevant box)

6. I will I will not
 Consider presenting a joint case with other submitters, who make a similar submission, at a hearing.
(Please tick relevant box)

Please complete section below (insert additional boxes per provision you are submitting on):

The specific provision of the proposal that my submission relates to:
AR Amateur Radio: AR-S5, AR-S6, AR-S7 and AR-S8.
Do you: Support? Oppose? Amend?
Amend
What decision are you seeking from Council? What action would you like: Retain? Amend? Add? Delete?
<p>Amend AR-S8 second Paragraph to be labelled correctly.</p> <p>Amend in the case of the General Rural Zone (GRZ) as follows:</p> <p style="padding-left: 40px;">AR-S5 Paragraph 3. The number of dish aerials in the case of the GRZ must not exceed nine per site.</p> <p style="padding-left: 40px;">AR-S6 Paragraph 3. In the case of the GRZ, there is no limit to the length of a rope Yagi.</p> <p style="padding-left: 40px;">AR-S7 Paragraph 1. In the case of the GRZ, there must be no more than nine aerials attached to ground mounted structures per site.</p> <p style="padding-left: 40px;">AR-S8 Paragraph 3 (the one before Paragraph 4.). In the case of the GRZ there must be no more than twelve supporting structures per site with a horizontal diameter less than 120mm.</p>

Reasons:

In the General Rural Zone, the large amount of space inherent in a 5ha or 40ha block (as opposed to the typical size of lots in the Residential Zone), mitigates the impact of multiple aerial structures. This is true irrespective of whether or not they consist of dishes.

Hence the above increases in the permitted numbers of dish aerials and support structures are warranted.

On a more detailed level, it can be remarked that:

S5: Dish aerials are used for operation on the microwave frequency bands, and it is usual to have one dish per band. New Zealand operators are already using at least 6 such microwave bands (1.24 GHz, 2.4GHz, 3.4GHz, 5.7GHz, 10.4GHz and 24 GHz). Dish antennas are also sometimes used on the 432 MHz band, and will likely also be used on the 47GHz and 80.6 GHz bands as and when these become commonly used.

S6: Where space permits, very long but light-weight Yagi aerials can be constructed for certain VHF bands (50 MHz and 144 MHz) using ropes instead of a boom. These aerials typically use wire elements so have little visual impact. It seems to the submitter to be pointless to restrict their development and use when they are so different from the more "heavy duty" Yagi aerials used for short-wave amateur radio.

S7: this suggestion follows from the suggested amendment to S5.

S8: Rural amateur radio operators sometimes take advantage of highly directional wire aerials known as rhombics. The wire itself is practically invisible from further away than 100m, but such an aerial requires four supports. An operator might require three such antennas for covering different points of the globe, thus needing twelve supports.

The submitter is a licensed radio amateur and owns a rural-zone block but does not (yet) live there.

Please return this form no later than **5pm on Friday 20 November 2020** to:

- Proposed District Plan, Environment and City Planning, Porirua City Council, PO Box 50-218, PORIRUA CITY or
- email dpreview@pcc.govt.nz

Signature of
submitter
*(or person
authorised to sign
on behalf of
submitter):*

Date:20November2020

*A signature is not required if
you make your submission by
electronic means*