

Applicant Name: .....

<b>INFORMATION TO SUPPORT AN APPLICATION for Swing or Stern-tie Mooring (mandatory information)</b>
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This additional application form is required to be provided to supplement the Application for a Resource Consent.

## Introduction

It is the applicant's responsibility to provide an accurate description of the proposal, including the mooring coordinates and the length and type of vessel to be moored. Such details are essential to the understanding of the environmental effects of the activity. The **precise coordinates and water depth (at Mean Low Water Springs) of the mooring site** are particularly important.

Any vessel using a swing mooring will traverse a circle centred on the mooring block. The size of this 'swing circle' varies from mooring to mooring, depending on the water depth, tackle length and vessel length. Council will calculate the swing circle from the information provided on this form.

## 1(a) Coastal Permit Details

Do you currently hold a coastal permit for a mooring that is due to expire?

Yes

Please state the permit number (i.e. U180796): .....

Please state the mooring number: .....

Please state when was the mooring last inspected: .....

No

Is there a mooring number for the unconsented mooring?  Yes  No

If yes, please state the mooring number: .....

## 1(b) Mooring Details

The mooring type is:

Swing (chain and rope tackle)

Elasticated system (i.e. Marine Flex)

Stern-tie

Pole

Star

Other (please specify): .....

Mooring block coordinates:

Easting: .....

Northing: .....

**New Zealand Transverse Mercator 2000 (NZTM2000) coordinates take the format of a paired seven digit Easting and Northing (for example E1684391, N5428720).**

**Stern-tie mooring:**

Stern-tie point coordinates (sea):

Easting: .....

Northing: .....

Stern-tie point coordinates (land):

Easting: .....

Northing: .....

What do the tie back point(s) comprise (sea and land)? .....

**If the mooring is to be a stern-tie mooring, please also provide a description of what it is, be it a mooring block, pile, post or some other attachment point in the sea or on land. A tree or tree stump is unlikely to be acceptable to Council.**

Water depth at the mooring site at Mean Low Water Springs (MLWS): .....

Water depth at the mooring site at Mean High Water Springs (MHWS): .....

Weight of the mooring block (if known): .....

Total length of tackle (chain and rope) from mooring block to vessel: .....

Will the mooring be constructed to accord with Council's 'Mooring Construction Guidelines'?  Yes  No

**If no**, please attach a report prepared by a chartered professional engineer which demonstrates that the mooring has been designed to, as far as possible, securely moor the vessel to the seabed in all weather conditions. **(The guidelines are provided as Appendix 1)**

**1(c) Vessel Details**

The vessel to be moored is:

- Pleasure boat
- Commercial vessel
- Marine farming or fishing vessel
- Barge or working platform
- Swimming platform
- Other (please specify): .....

Maximum length of vessel proposed to use the mooring: .....

**If more than one vessel will use the mooring, specify the length of the largest vessel. The resource consent, if granted, will be for the length of vessel specified in the application. To moor a vessel exceeding the consented length will require a further application to Council to do so.**

Vessel name(s) (if known): .....

**Emergency contact details:**

*In case of the vessel slipping free of its mooring or other incident concerning the mooring.*

Contact Name: .....

Contact Phone: .....

## 2(a) Mooring Used For

The mooring will be used:

- In association with nearby property Lot ..... DP .....
- In association with a commercial enterprise in the area
- Not in association with any nearby property or commercial enterprise
- As a temporary and short-term 'stopover' or holiday mooring while visiting the area

## Appendix 1

# Mooring Construction Guidelines

These guidelines are not intended as a substitute for the need to address the particular seabed and weather conditions encountered at each individual mooring site. It is recommended that you consult a professional mooring provider and/or chartered professional engineer for site specific advice tailored for the vessel/s to be moored.

Be aware that risk cannot be completely eliminated in the mooring of a vessel.

Council does not accept any responsibility for any loss or damage which may occur as a consequence of the use of these guidelines or otherwise.

### Construction Specifications

Mooring Class	Vessel Length	Block Weight	Ground Chain Diameter (mm)	Mooring Chain Diameter (mm)	Rope Diameter (mm)
Class A	Up to 6 metres	1 tonne	24	16	20
Class B	6 – 12 metres	2 tonnes	32	20	20
Class C	12 – 16 metres	3 tonnes	38	20	24
Class D	16 – 18 metres	4 tonnes	38	20	28
Class E	> 18 metres	Vessel specific design by a chartered professional engineer with experience in mooring structures.			

1. Shallow water moorings in a depth of 5 metres or less to be designed to suit with respect to these guidelines.
2. Total length of the chain to be the depth of water at mean high water springs with one third of this chain to be ground chain. (*see below*)
3. Length of the rope to be equal to the depth of water at mean high water springs. (*see below*)  
*The total length of the mooring tackle should be equal to twice the water depth at Mean High Water Springs at the mooring site. Generally, mooring tackle consists of a combination of chain and rope totalling twice the water depth.*
4. All shackles must be welded.
5. Swivels may be used at the mooring provider's discretion, but where these are used, the size of the swivel must be commensurate with that of the chain.
6. Anodes may be used at the mooring provider's discretion.
7. All mooring blocks must be designed by a Chartered Professional Engineer with expertise in mooring structures and be made to those specifications.
8. Similar metals are to be used throughout.
9. Moorings of different design and/or manufacture will be considered on a case by case basis. As a minimum, such moorings must be supported by appropriate Chartered Professional Engineer design drawings and certification.

### Mooring Inspection Requirements

1. Moorings must be recovered to the water surface for the purpose of inspection.
2. All tackle is to be replaced at 20% wear.
3. Moorings must be inspected at intervals not exceeding 2 years.
4. A completed mooring inspection report must be forwarded to the Manager Resource Consents, Marlborough District Council, not later than 30 days after the inspection.