

OFFICE USE	
Consent No.	RM
Date stamp	

SUPPORTING INFORMATION FOR A MOORING

A mooring requires resource consent to occupy the seabed at the location of the mooring block, plus the total area on the surface relative to that point. Please supply the following information in support of your application and attach this form to your resource consent application. **Please note that the information supplied below will be used to inform the conditions of any resource consent.**

Is the mooring: New [] or Existing []

Is the mooring: Swing [] or Other (specify) _____

If the mooring exists provide the mooring ID (if known). _____

Duration of Consent applied for: [] until 2 December 2031 (to coincide with expiry of other moorings) or Other (specify and provide justification) _____

Ownership

Please provide the same name(s) as the resource consent application form:

Applicant Name(s): _____

Technical details of the mooring

Please refer to the minimum mooring construction guidelines (overleaf)

Overall length of Vessel _____
(Please specify the maximum vessel length that will use the mooring)

Type of Vessel _____

Name of Vessel _____

Length of Tackle (Chain and Rope) from Mooring Block to Vessel _____

Mooring Block Weight _____

Depth at Mean Low Water _____

Depth at Mean High Water _____

Mooring Location

Use either NZ Transverse Mercator OR Latitude/Longitude (WGS 84) in degrees and minutes

Accurate mooring location _____

Examples:

NZ Transverse Mercator: 1617034.2 Easting 5426935.1 Northing **OR**
Latitude/Longitude (WGS 84) in degrees and minutes: Latitude 41 57.125 Longitude 173 57.125

An inaccurate grid reference is likely to render the coastal permit invalid. Therefore it is strongly recommended that a mooring provider or a registered surveyor be used to obtain the grid reference. **The Council will not take any responsibility for the accuracy of the grid references provided.**

Minimum Mooring Construction Standards

Construction Specifications

Mooring Class	Vessel Length	Block Weight	Ground Chain Ø in mm	Mooring Chain Ø in mm	Rope Ø in 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			

Ø = diameter

- Total length of the chain to be the depth of water at mean high water springs with 1/3 of this chain to be ground chain. **See Note 1**
- Length of rope to be equal to the depth of water at mean high water springs. **See note 1**
- All shackles must be welded.
- All mooring blocks shall be designed by a Chartered Professional Engineer with expertise in mooring structures and be made to those specifications.
- All tackle to be replaced at 20% wear.
- Moorings must be inspected at intervals not exceeding 2 years.

Note 1

The total length of the mooring tackle must be equal to twice the water depth at mean high water springs at the mooring site. Generally, moorings are made up of a combination of chain and rope totalling twice the water depth.

Advice Notes & Guidelines

- Shallow water moorings in a depth of 5 metres or less to be designed to suit with respect to these guidelines.
- Swivels may be used at the Provider's discretion, but where these are used, the size of the swivel must be commensurate with that of the chain.
- Anodes may be used at the Provider's discretion.
- Similar metals to be used throughout.
- 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.

These guidelines are not intended as a substitute for the need in each case to address the requirements of the specific location, conditions and vessel. There are specialists and mooring providers who are able to give particular advice in a specific situation.

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.