

Boat Movement Logging System (BMLS) Tag Fitting Guide

Following the Majority AGM vote of the members showing support for such a system a BMLS has been installed in the Poole Yacht Club Marina entrance and at the beach gate. We are now in the installation phase of the BMLS Tags (RFID Tags) required to report boats moving past the BMLS detection antennas.

The system requires each boat to be equipped with 2 tags, each tag must face sideways (1 port, 1 starboard) in a position that will be exposed to the BMLS antennas when leaving and entering the marina. These tags contain unique codes and are peculiar to your yacht (the code is a meaningless string of letters and numbers and does not contain any personal information). You will see the antennas mounted on both the Eastern and Western side of the Poole YC Marina Entrance as well as at the beach gate.



East Antennas

West Antennas

There are a number of tag types available offering various mounting options as described below. Please read the descriptions below and assess which tag type appears most suitable for your craft and request accordingly.

1. Tag Type 1: Self adhesive tag suitable for internal fitting

The tags are best sited on the **inside** of a window which faces as closely as possible “sideways” and at a point that is as close as possible to the height of the antennas (on average) when exiting and entering the Marina. If possible the tags should be placed at least 50mm from any metal object (such as the window surround). One tag should be placed on the port and one on the starboard side of the yacht. **Please note:** that the beam pattern of the antennas will allow the system to work correctly when windows are not exactly “sideways” and when it is not possible to mount the tag or the state of the tide dictates the tag is not exactly at the height of the antennas. **Please also note:** these tags are not suitable for fitting on double glazed windows or where a metallic tint film is fitted.

1.1 . Tag Fitting

The Tags are simply fitted by removing the backing paper from the self adhesive side of the tag and then using the adhesive to fix the tag in the chosen position. Please note: the tag should be fitted “vertically” (see photos below).



2. Tag type 2: Self-adhesive tag with protective “sticker” to allow outdoor use

These tags are the same as the internal fitting tags but a “sticker” is provided to cover the tags and provide weather protection. Fitting considerations are as per the internal tags described at 1. above but consideration should also be given avoiding mounting areas where the tags might be physically damaged or there are metallic items behind the mounting surface.

2.1 . Tag Fitting

The Tags are simply fitted by removing the backing paper from the self adhesive side of the tag and then using the adhesive to fix the tag in the chosen position. The tag is then covered by the provided sticker. The tag should be mounted as closely as possible to the centre of the sticker. The tag should be fitted “vertically” (see photos below).

Zoom in here
to see tag



3. Tag Type 3: Hard tag suitable for outdoor use

These tags are suitable for fitting on metallic surfaces such as masts, push pits, pull pits, stantions, etc. They should be used when a boat does not have a suitable non metallic

surface on which the adhesive tags can be mounted and meet the criteria outlined in 1. above for pointing at the system antennas.

3.1 . Tag Fitting

The tags are fitted using “Zip Ties” it is also recommended that a bead of silicone is put between the tag and mounting surface to prevent twisting and to cushion the tag. The tag may also be screwed onto the mounting surface.



Please note:

- The Poole Yacht Club will periodically scan all boats to ensure tags are fitted and operating correctly.
- Self adhesive tags will be damaged if removed, if it is necessary to remove a tag, please contact the office for replacement.

If you have any questions regarding fitting these tags, please contact the office who will pass this on to the appropriate person.

Thank you for your co-operation with this.