



Installation Instructions

BS[G]M Antenna Range Marine Adapter

SAB-315

SW3-1031- v1

1. Introduction

SAB-315 provides a simple adaptor kit, to enable mounting the BS[G]M range of omni-directional antennas to any standard 1"-14TPI marine mount, including Panorama Antennas NDRS-SL ratchet mount. This instruction must be used in conjunction with the relevant installation instruction for the antenna and mount as applicable.

2. Plan installation

The antenna cables can exit through the side of the adapter or via the threaded mounting bush. Routing the cables through the threaded mounting bush would typically be used where the antenna is fitted to a deck or panel mount. The side exit allows the cables to be routed around the mount, as may be required for use with the NDRS-SL adjustable ratchet type mount.

3. Fit adapter to antenna

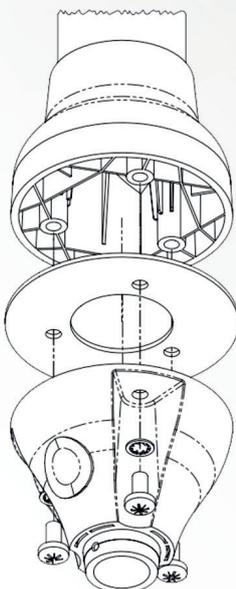
Determine the required cable routing and feed the antenna coaxial cables through the antenna flat sealing gasket and the SAB-315 via the selected exit hole. If the side exit is to be used, the supplied sealing bung will need to be removed. SAB-315 is designed to allow to pass through of SMA connectors - if alternative connectors are required then it may be necessary to use coaxial adapters or to fit new connectors after installation and cable routing.

Once the cables have been routed through SAB-315, align the screw locations between the antenna, sealing gasket and SAB-315 bracket. Insert the supplied M6 screws and washers and tighten evenly with a hand tool. Caution: Do not over-tighten the bolts as this may damage the antenna.

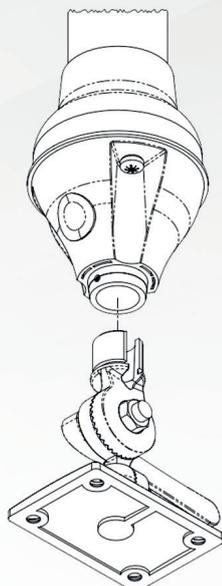
4. Fit assembled antenna / adapter to mount

Install the selected marine mount according to instructions provided by the supplier. Pass the coaxial cables through the mount if applicable. Screw adapter to mount ensuring that cables are managed securely and not damaged. Tighten supplied locking screw (recommended torque 0.8Nm) to secure installation if required.

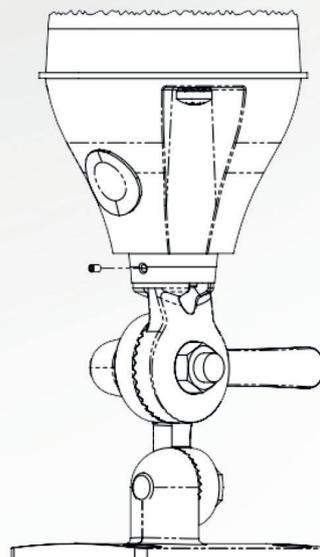
Fit adapter to antenna



Screw adapter on to mount



Tighten locking screw to secure installation



5. Notices

**DO NOT**

- attempt to install without the proper safe equipment to access the install location.
- install the near power lines.
- chew parts or put them in mouth, keep away from unsupervised children.
- install in such a way that it may fall and cause injury.

**European Waste Electronic Equipment Directive 2002/96/EC**

Waste electrical products should not be disposed of with household waste. All electronic products with the WEEE logo must be collected and sent to approved operators for safe disposal or recycling. Please recycle where facilities exist. Many electrical/electronic equipment retailers facilitate "Distributor Take-Back scheme" for household WEEE. Check with your Local Authority or electronic retailers for designated collection facilities where WEEE can be disposed of for free.

**Directive 2011/65/EU (RoHS 2)**

RoHS 2 compliance is declared per Directive 2011/65/EU and its subsequent amendments with exemption 6.c applied.

REACH (Registration, Evaluation, Authorisation and Restriction of Chemicals, EC 1907/2006)

This product contains Lead (CAS No. 7439-92-1) which is classified as an SVHC (Substance of Very High Concern) as being toxic to reproduction under Article 57c. of REACH. Do not chew parts or put them in mouth, keep away from unsupervised children. Dispose of parts as WEEE waste do not send to landfill.

Waiver: This document represents information compiled to the best of our present knowledge. It is not intended to as a representation or warranty of fitness of the products described for any particular purpose. This document details guidelines for general information purposes only. Always seek specialist advice when planning installations and ensure that antennas are always installed by a properly qualified installer in compliance with local laws and regulations.