

Local Notice to Mariners – Acoustic Receiver Canisters

NatureScot, in collaboration with University of Exeter, have deployed 10 Acoustic Receiver Canisters in the Sea of the Hebrides around the Gunna Sound area.

These equipment collect acoustic information on the movement and residency of tagged basking sharks with the Marine Protected Area.

The ARCs are low profile (35cm height and <0.75m²) and consist of 3 x 11 inch floats fixed to a delrin plate that holds the acoustic receiver floating ~3m above anchor (~45kg chain links). The ARCs will be serviced twice a year remotely from a vessel and completely removed at end of 3 - 5 year. There are no permanent mooring lines or surface markers associated with these devices. The equipment are intermittently retrieved for servicing by triggering the release of a recovery line from ARC unit.

If an ARC is recovered please retain and contact the University of Exeter or NatureScot (using point of contact). All ARCs are labelled with contact details on the anchor chain links and on the ARC units. Below are the positions and an image of one of the ARC devices.

UPDATE –The positions have been updated to reflect any changes following the first round of servicing and retrievals. Any additional work/movements/retrieval of these devices will result in an updated notice.

If an acoustic mooring is accidentally retrieved please retain and contact University of Exeter or NatureScot using the contact details on the unit tags or the contacts below.

Position of ARC – Positions in WGS84	
Label	
G1	006° 43.097'W 56° 33.439'N
N1	006° 41.953'W 56° 37.577'N
N2	006° 46.728'W 56° 37.024'N
N3	006° 49.958'W 56° 35.510'N
N4	006° 51.786'W 56° 33.131'N
S1	006° 35.713'W 56° 34.347'N
S2	006° 38.897'W 56° 32.900'N
S3	006° 41.729'W 56° 31.333'N

Contacts

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