



Grieg Seafood Shetland Ltd  
Per: Miss Elizabeth Macleod  
Grieg Seafood Shetland Ltd  
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Scotland  
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For attention of: Shona Turnbull  
E-mail: shona.turnbull@highland.gov.uk

Your Ref: 17/02430/FUL

Date: 11<sup>th</sup> August 2017

Dear Shona,

In response to your letter dated 29<sup>th</sup> June 2017 please find the additional information requested.

Additional information on the ADD's at Grieg Seafood Shetland Ltd's Loch Snizort East (Ru Chorachan)

Number	2
Make and model	Ace Aquatec US3
Output	Can be set to a max 144 beats per minute with a frequency between 10kHz - 20kHz. Devices are set up and used as per the recommendations within the instruction manual <a href="http://www.aceaquatec.com/us3-user-manual-2.2">http://www.aceaquatec.com/us3-user-manual-2.2</a>
Frequency of use	As and when required
Potential impacts on qualifying features	ADD's have the potential to impact on the Harbour Porpoises covered by the Inner Hebrides and the Minches SAC and may result in disturbance/habitat exclusion
Mitigation proposed	Obtain an EPS Licence, if necessary, as detailed in the existing species protection section of the Marine Scotland Guidance <a href="http://www.gov.scot/Resource/0044/00446679.pdf">http://www.gov.scot/Resource/0044/00446679.pdf</a> Feedback loops as detailed in the flow chart attached as appendix 1. Use of triggered devices. Non-continuous use of ADDs. We will discuss and look to implement where practical any recommendations from statutory agencies to reduce any potential impact on qualifying features.



Additional information on the inshore moorings at Grieg Seafood Shetland Ltd's Loch Snizort East (Ru Chorachan)

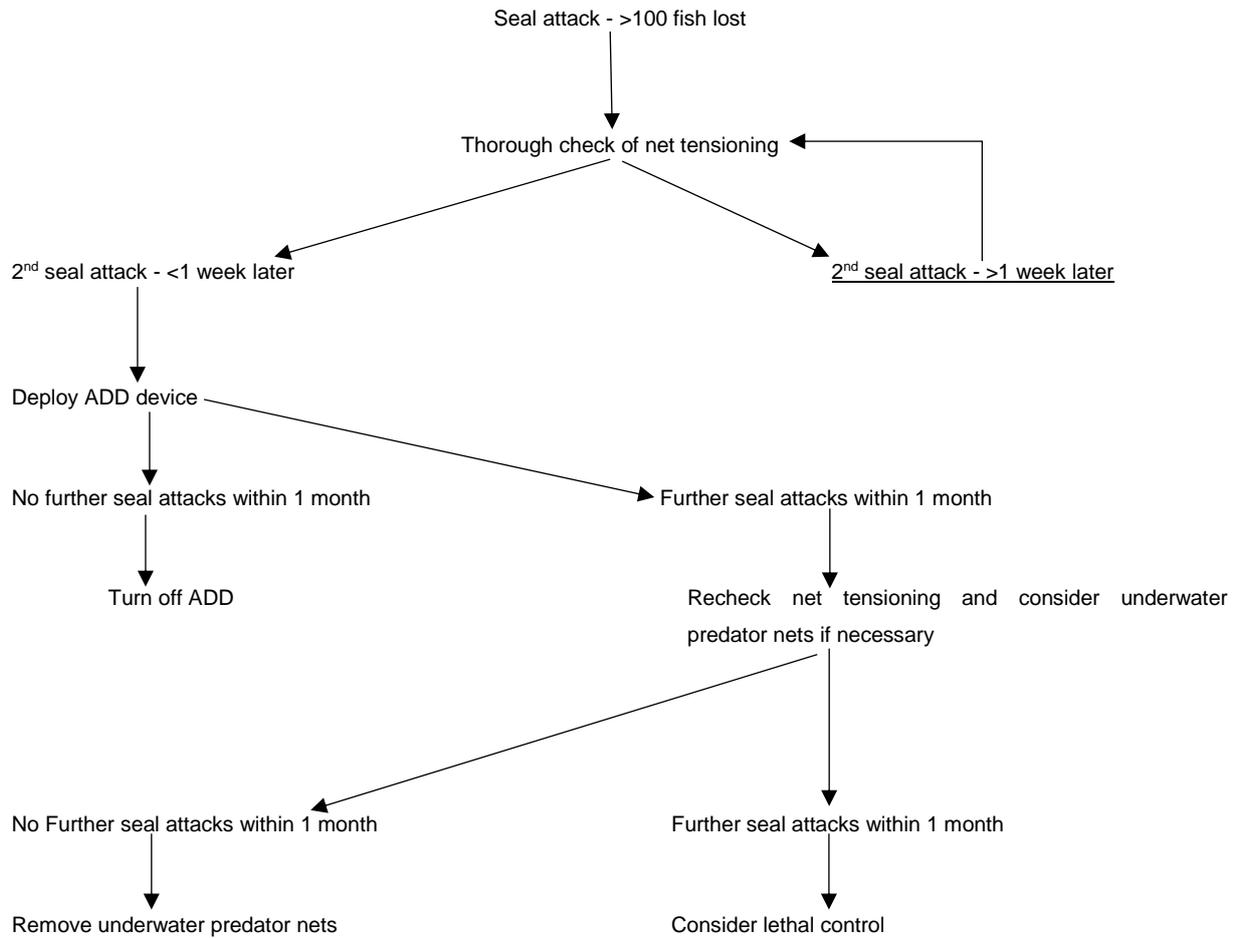
Method of fixing	The inshore moorings will be rock pins grouted into place
Method of installation	Hand drilled at low tide
Percussive element to the installation	Yes, from hand drills
Time taken to install all moorings	3-4 days depending on the tides
Potential impacts on qualifying features	The noise generated during the installation of inshore moorings has the potential to impact on the Harbour Porpoises covered by the Inner Hebrides and the Minches SAC and may result in short term disturbance/habitat exclusion
Mitigation proposed	Obtain an EPS Licence, if necessary, as detailed in the existing species protection section of the Marine Scotland Guidance <a href="http://www.gov.scot/Resource/0044/00446679.pdf">http://www.gov.scot/Resource/0044/00446679.pdf</a> Discussion with our suppliers and SNH to ensure the most appropriate method of installation and fixing is utilised. This will be done to ensure the security of the site and minimise any potential impact on qualifying features. Discussion with SNH to determine the most appropriate scheduling of work to ensure any impact is mitigated

Best regards

Elizabeth Macleod  
Marine Environment Surveyor  
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## Appendix 1



Flow diagram showing the trigger levels used to determine the appropriate predator control methods