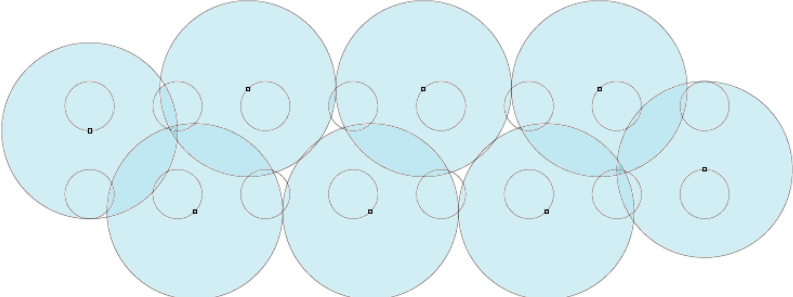
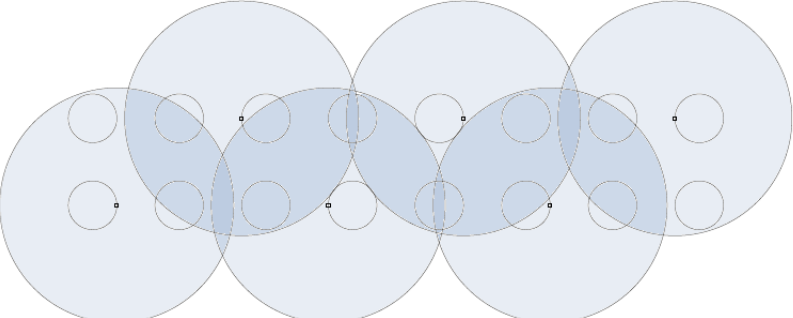


ADD Deployment Plan

<u>ADD Model(s)</u>	Ace Aquatec US3	Ace Aquatec RT1
<u>Number of Units</u>	8	6
<u>Frequency & Source Level</u>	8-11 kHz (fundamentals @ 9.5kHz) Avg. 181dB re1uPa rms @ 1m	0.9-1.4kHz (fundamentals @1.15kHz) Avg. 182dB re1uPa rms @ 1m
<u>Duty Cycle</u>	0.7% - 5% or 12 - 144 sounding events per hour*, with Automatic Ramp Down <i>(*note sounding/silence periods are variable in length)</i>	
<u>Triggers for Use</u>	<ol style="list-style-type: none"> 1) Fish present on site 2) Seal predation a known occurrence at site 3) Seal activity evident around site 	
<u>Depth of Units</u>	15-17m	
<u>Power System</u>	Feed barge	
<u>Layout(s)</u> <i>Scale: pen dia. = 25.5m</i> <i>Shaded areas denote expected coverage from each ADD unit</i>	<p>US3:</p>  <p>RT1:</p> 	
<u>Maintenance</u>	<p>Routine checks recorded on walkway data sheets</p> <p>Regular site visits & remote monitoring by supplier Ace Aquatec</p>	

An EPS License has been sought for the above systems, which have the potential to disturb harbour porpoise in the vicinity of the site. The farm lies relatively close to shore, to the east of a large bay, and as such ADD use at the site is not expected to affect cetacean passage in the wider area. The site is also remote from other farms, the nearest being ~7km away, and as such no cumulative impact in terms of ADD use is anticipated.

ADDs will only be used alongside complementary predation-mitigation measures which ensure ADD use can be minimised i.e. regular removal of fallen/moribund stock, low stocking densities, tensioned HDPE pen-nets and top-nets to reduce seal interest in the farm. The above AceAquatec ADD systems also have asynchronous controls which prevent multiple units from sounding simultaneously, thus minimising noise emission to the environment at any one time.

Details of any ADD use will be logged via a remote monitoring system and daily site datasheets. Any predation events are also recorded daily on the site datasheets and logged in the farm database system.

Seal predation and predation-mitigation measures, including ADDs, are reviewed on a weekly and monthly basis as part of routine Production and Fish Health monitoring and reporting. Seal interaction is also a Key Performance Indicator tracked for the farm. End-of-cycle reviews are completed as part of the site's Veterinary Health & Welfare and Wildlife Interaction Plans to document predation-mitigation measures used, evaluate their effectiveness and establish any changes proposed for the next cycle.

ADDs will be deactivated in the following circumstances:

- Site fallow
- No seal interaction evident
- Divers operating at site
- Emergency situation where any cetacean is present in the immediate area of the farm
- In the event of a seal becoming trapped within a pen with fish
- Lack of efficacy in preventing seal interaction with the farm i.e. interactions are increasing over a period of time despite ADD use; note replacement with an alternative ADD type would require variation of any EPS License in place