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| **From:** | Peter Head  | **Sent Date:** | 15/07/2019 12:30  |
| **To:** | 'Robin Britton' | **Received Date:** | 15/07/2019 12:31  |
| **CC:** | Christin Atchinson; Richard Barnett |  |
| **BCC:** |  |  |
| **Subject:** | RE: Advice on marine farm |  |

 |
| Hi Robin, Thanks for getting in touch to get an updated response re: navigational safety matters. As you are already aware, local boats rarely navigate using traditional or modern methods and visiting recreational and some commercial vessels don’t carry updated charts (paper or electronic) so need visual AtoN’s for safe navigation. Reducing the number of orange floats and lit AtoN’s will make it harder for those using and relying on visual means for safe navigation. We have considered the local conditions, in particular ‘density of traffic’ and have concluded that the “Marine farm guideline: navigational safety”, MNZ 2018 are appropriate and that the originally proposed AToN’s should remain. However, I’d suggest that a .5NM (1km) range for special marks and cardinals will be sufficient in the area, this would reduce the visual impact from shore. It may be possible to use lights that can be set up to be brighter out to see and semi shielded towards land. Regards Peter Peter​ Head | HARBOURMASTER | Harbour Masters, Resource Use WAIKATO REGIONAL COUNCIL | Te Kaunihera ā Rohe o Waikato Take a look at the work we do <https://www.waikatoregion.govt.nz/community/whats-happening/video-hub/> P: +6478665304 <tel:+6478665304> M: +64274762651 <tel:+64274762651> F: facebook.com/waikatoregion <https://www.facebook.com/waikatoregion> Private Bag 3038, Waikato Mail Centre, Hamilton, 3240 From: Robin Britton [mailto:rbritton.coast@gmail.com] Sent: Thursday, 20 June 2019 1:29 PM To: Peter Head <Peter.Head@waikatoregion.govt.nz>; Richard Lough <Richard.Lough@maritimenz.govt.nz> Cc: Robin Britton <rbritton.coast@gmail.com>; Christin Atchinson <Christin.Atchinson@waikatoregion.govt.nz> Subject: Advice on marine farm  |