



**Iascach Iníre Éireann
Inland Fisheries Ireland**

MARINE LICENCE VETTING COMMITTEE:

- 1. Deployment of five Acoustic Doppler Current Profiler frames in Tralee Bay, Co. Kerry (FS007101)**
- 2. Deployment of five Acoustic Doppler Current Profiler frames in Valentia Island, Co. Kerry (FS007102)**
- 3. Deployment of five Acoustic Doppler Current Profiler frames in Castlemaine [REDACTED] Kerry (FS007 [REDACTED])**

Request for observations from Mr [REDACTED] (DECLG) dated 24.06.2020

Overview

TechWorks Marine plan to deploy five Acoustic Doppler Current Profiler (ADCP) frames on the seabed in 3 distinct locations along the Kerry coast (Tralee Bay, Castlemaine and Valentia Island). At each site five ADCP will be deployed for a minimum duration of 35 days, maximum 2 months to collect data on current, speed and direction at each location. This data will be used to validate a hydrodynamic model being developed for Irish Water, for the assessment of impacts on shellfish waters by wastewater treatment systems.

IFI Comments

Inland Fisheries Ireland does not have any issues with the three proposed Foreshore applications. The temporary nature of the operation and small footprint should not have a negative effect on the different locations and the results will be beneficial to the understanding of currents and water movement in the area.

Recreational sea angling is an important activity for the local economy along the Kerry coast and these locations are a popular destination for anglers looking for salmon, sea trout, bass, wrasse species and elasmobranchs. Tralee Bay is noted for its diverse range of elasmobranch species (rays, skates and sharks), including several vulnerable species. In this regard Tralee Bay is unique internationally in supporting such a diverse range of endangered elasmobranchs.

IFI note that the applications outlines details to ensure local users will be aware of the presence of the buoys and that the marker buoys will be well marked. This is essential due to the volume of marine leisure activities carried out in these areas. The application does not outline the frequency the ADCP operates at; this information would be useful in assessing the impact on the local fish population.



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There is a draft salmon fishery in the Castlemaine harbour operating from May to August however the deployment appears to be outside the fishing area.

In relation to the oyster fishing in Tralee Bay the local fishery manager should be consulted. The opinion of the SFPA should be sought in regard to commercial fish species in these locations.

[REDACTED] (IFI R&D) & [REDACTED] (IFI)

10.07.2020

[REDACTED]