

## **Marine Institute Comments on Forehsore Licence Application by TechWorks Marine Ltd – Deployment of 5 No. bottom mounted Acoustic Doppler Current Profilers (ADCPs) off the coast of Valentia Island, Co. Kerry (FS007102)**

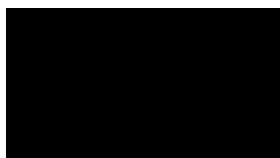
TechWorks Marine Ltd has submitted an application t for a Foreshore Licence for the deployment of 5 No. bottom mounted Acoustic Doppler Current Profilers (ADCPs) on the foreshore off the coast of Valentia Island, Co. Kerry. The purpose of the deployment of the devices is to measure currents through the water column at each of the proposed deployment locations in order to validate a Hydrodynamic model, which is being developed for the area by Irish Water, for the assessment of impacts on shellfish waters by wastewater treatment systems

The proposed deployment locations are shown in Drawing No. in Drawing No. FS-VI-001 “Foreshore Licence Map ADCP locations at Valentia Island”, dated 24/02/2020, submitted by the applicant. It is intended that each device will be deployed for a period of between 35 days and 2 months.

The ADCPs will be mounted in “over-trawlable” / trawl resistant frames and deployed on the seabed. Each of the ADCP devices is approx. 1.2m x 0.8m, the frames are approx. 1.8m x 1.2m and the area of the seabed occupied by the devices will be approximately 2.16m<sup>2</sup>.

There are no licenced aquaculture sites at the locations proposed for the deployment of the ADCPs and therefore no impacts on aquaculture at these locations. Given the very small area of seabed occupied by the device (2.16m<sup>2</sup>), the fact that the device will be mounted in a trawl resistant frame and the short duration of the deployment, significant adverse impact on aquaculture activity in the Valentia Island area is not considered likely. Similarly, adverse impacts on sea fishing / seafisheries in the Valentia Island area are not considered likely. There will be no significant impacts on the marine environment in the area and water quality will not be effected.

On the basis of the above the Marine Institute has no objections to a Foreshore Licence being granted.



**Marine Environment and Food Safety Services**  
**Marine Institute**  
**24 June 2020**