

Infrasonic and low-frequency pressure signals can be detected at large ranges with microphones. Although infrasonic measurements are traditionally collected on solid ground, ocean platforms can be advantageously positioned to monitor near shore, surface, and underwater marine environments. We deployed attritable smartphone stations on ocean platforms to collect environmental data using on-board and external sensors. The smartphones ran the RedVox app while mounted on a Wave Adaptive Modular Vessel (WAM-V) autonomous watercraft. The platform is essentially a 16' catamaran with remote and autonomous steering capabilities. One station was connected to a hydrophone mounted to the hull of the vessel using a custom 3d printed housing. We present selected observed signals of interest and explore possible future work.