## A Multi-sensory, Non-physical Barrier (NPB): Broadband Sonic, Ultrasonic, and Looming Light-Dark Patterns Stimulate C-Start Escape Reflexes in Fish.

Pulsating low frequency sound (< 20 kHz) <u>and</u> ultrasonic (20kHz - 200kHz) frequency modulation broadband sonar technology ("CHIRP") will deter many fish species of many sizes.

