

## EcoFISH™

### The guiding sound to safety

Ultra Electronics Ocean Systems uses cutting edge acoustic technology to protect big fish and little fish. Our products serve crews aboard 500-foot submarines at the bottom of the sea, and five inch herring, shad, and alewife swimming in your waterway.

Clupeids, including American shad, alewife and blueback herring, represent fish most commonly entrained or impinged at water facilities in the U.S. They also represent a cross section of target species for many fish restoration/preservation efforts by state and federal environmental authorities. **EcoFISH** can bridge the gap between economies of hydro installations and fish management programs.

**EcoFISH** is a behavioral barrier based on state-of-the-art hydro acoustic technology used by the U.S. Navy, and perfected by Ocean Systems and the New York Power Authority. Hydroelectric facilities along the Mohawk River have used **EcoFISH** to successfully preserve the abundant herring population for nearly a decade.

Nuclear generating facilities on the shores of Lake Ontario and Lake Michigan also rely on **EcoFISH** to prevent huge shoals of alewife from entering their cooling systems. **EcoFISH** is safe, simple and sound; the perfect solution for effectively preserving local fish populations and your company's profits. **EcoFISH** is rated Best Technology Available for Clupeid passage by the New York Department of Environmental Conservation.

Ultra Electronics Ocean Systems has been a supplier of premier underwater acoustic products for more than forty years. You can rely on the people, the technology, and the service that help make the U.S. Navy the finest in the world - even for a little fish.

## Economic and eco-friendly

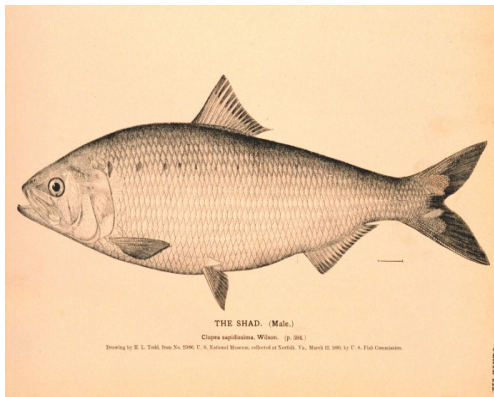
Fish migration can cause major problems for plant operations... EcoFISH is the solution.

### EcoFISH™ - advantages and benefits

- Exceeds derivative EPA and FERC requirements
- Avoid costly shutdown by massive fish intrusion
- Cost effective alternative to other systems
- Environmentally safe way to divert fish
- Maintains water flow through intakes
- Easy installation and minimal maintenance
- Flexible hardware and service solutions to meet your needs
- Permanent and portable systems available
- Compliance with Clean Water Act of 1994
- Proven effectiveness
- Non-intrusive to plant operations
- Avoid costly lawsuits and fines
- Effective for multiple fish species including alewife, american shad, and blueback herring

### Satisfied customers

- Crescent Hydroelectric Plant
- Vischer Ferry Hydroelectric Plant
- James A. Fitzpatrick Nuclear Power Plant
- Point Beach Nuclear Power Plant
- Donald C. Cook Nuclear Power Plant
- Danskammer Power Generation Facility
- Holtwood American Shad Restoration



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