



Offering the Widest Range of Hydroacoustic Solutions

Featured Project
Hydropower Dam Relicensing

Portland General Electric (PGE) North Fork Dam, Willamette River, OR

Objectives: Understand fish behavior relative to changes in operational conditions. Assess response to flow and potential for entrainment of ESA listed juvenile Chinook salmon.



Juvenile Chinook salmon (*Oncorhynchus tshawytscha*)

Portland General Electric (PGE) North Fork Dam, Willamette River, OR

Hydroacoustic equipment included:

DT-X echosounder and computer
in weatherproof housing



Surface electronics for data storage and echosounder control

Transducer and mechanical rotator
mounted on extendable boom



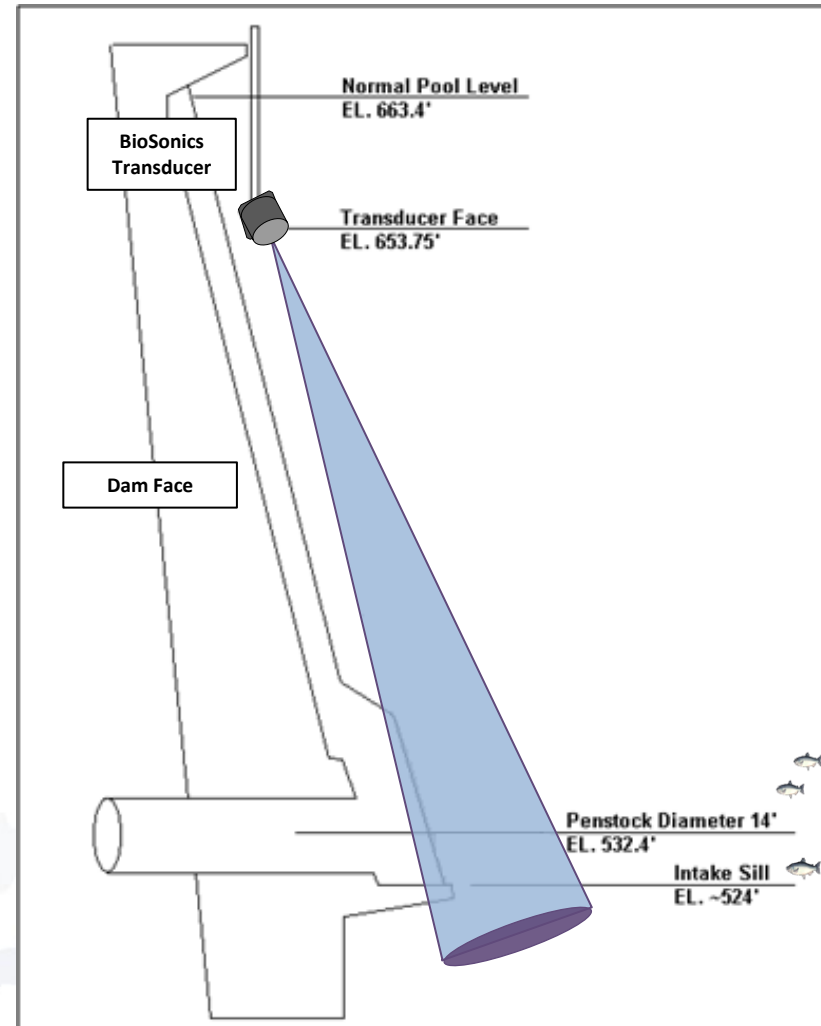
Pole-mounted BioSonics transducer and rotator assembly

Portland General Electric (PGE) North Fork Dam, Willamette River, OR

Continuous data collection for over three months at remote unmanned site.

Data stored locally and accessed remotely via Internet for analysis and review.

System accessed from BioSonics Seattle HQ to monitor operational status and environmental conditions.



BioSonics is...

A consulting, engineering and manufacturing firm with over 30 years experience.

Specialized in the application of hydroacoustic technology for monitoring and assessment of aquatic biological resources.

A turnkey solutions provider of sonar systems and services including study design, installation, data processing, and reporting.

Relied upon by resource managers, researchers, regulatory agencies, and power producers worldwide.

Please contact us for more information

Tel: (206) 782 2211

Email: info@biosonicsinc.com