

Digital Deck

Real-time mobile technology for fisheries management



Fishermen need complete and real-time access to harvest information to effectively manage their fishery businesses. Marine Consulting Initiative is developing technology solutions in cooperation with the Oregon Dungeness Crab Commission and Oregon Department of Fish and Wildlife designed promote collaborative fishing efforts, track and manage fisheries data more efficiently, and provide information that informs harvest decisions.

Digital Deck is a mobile technology tool for collecting and integrating data that supports fisheries harvest accountability, traceability, collaborative research, spatial planning, and monitoring. The tool was designed to meet the expressed needs of community fishing organizations across the United States working to address common challenges. Digital Deck provides real-time access to catch information so users can more effectively participate in fisheries and business management.





Digital Deck Features

- The ability for fishers to capture logbook data at sea on mobile devices (such as the iPhone or iPad, Android Tablet, and similar devices) and transfer those data to a secure database wirelessly.
- Visualization of spatial patterns over time for management and harvest purposes.
- The ability to track and visualize progress towards fishery management standards such as those associated with MSC-certification.
- Information management systems that provide access to requisite agencies (such as the Oregon Department of Fish and Wildlife), and other interested parties in a timely and efficient manner.



Our Digital Deck Pilot with the Oregon Dungeness Crab Commission seeks to apply technology in a way that improves and expands industry-led and agency-supported data collection efforts.

MARINE CONSULTING INITIATIVE

Since 2001, Ecotrust has worked with federal and state agencies, nonprofit organizations and fishing communities to develop transparent and participatory approaches to marine planning and conservation. We bring an open, flexible and collaborative commitment to all our projects.

LEARN MORE: ecotrust.org/marineplanning

CONTACT

Charles Steinback
 Director of Marine Planning
 503.467.0777 • f 503.222.1517
charles@ecotrust.org

Jennifer Bloeser
 Marine Planning Business Mgr.
 503.467.0785
jbloeser@ecotrust.org

