Humboldt Bay Artificial Reef Project

A Partnership between Humboldt Bay Harbor, Recreation, and Conservation District and Humboldt Area Saltwater Anglers

Why build an artificial reef?

An artificial reef, specifically designed for our waters and marine life, will increase recreational and commercial fishing opportunities near the port of Humboldt Bay. The increased fishing activity will benefit local businesses that support fishing and tourism.

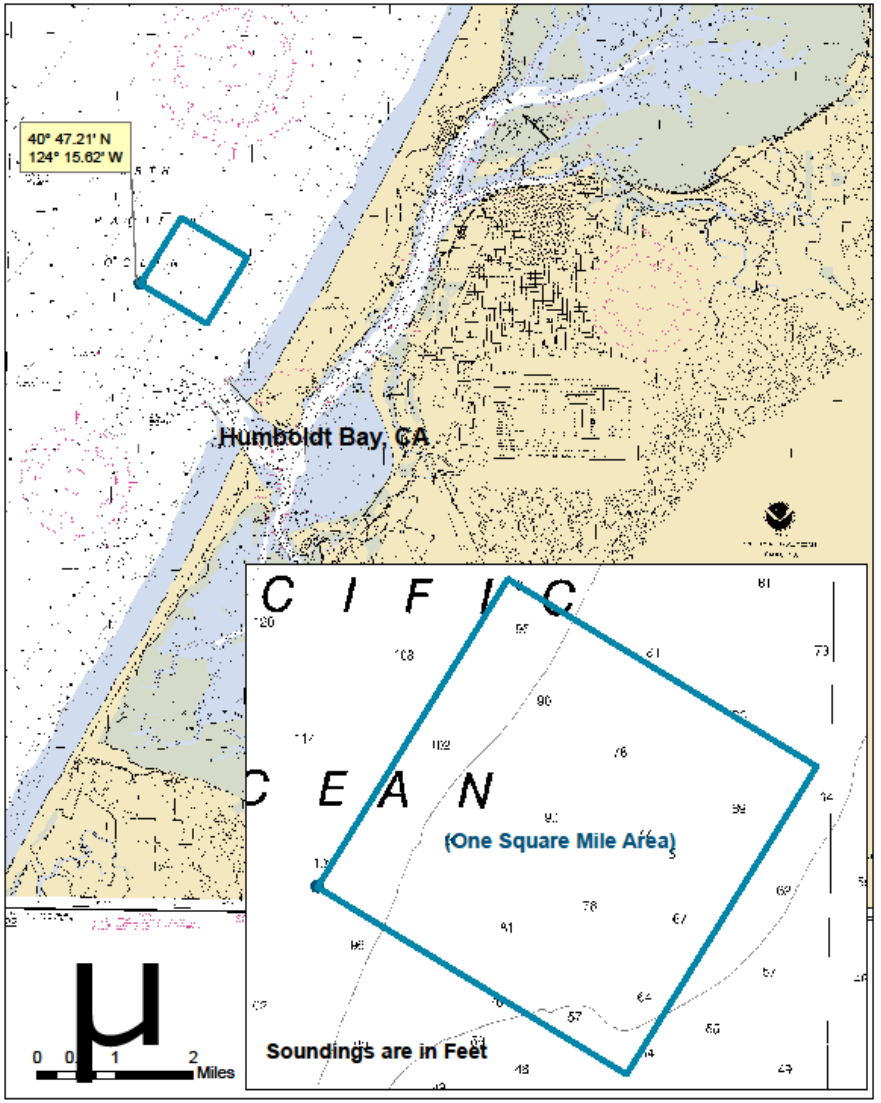
- A true community project that benefits the whole community
- Increased fishing opportunity and improve access for small boats and kayaks
- When the economy is down fishing license sales go up.
- Benefits a wide range of businesses
- Tourism – charters, hotels, restaurants, fuel, groceries
- Sporting goods – tackle, bait, boats, marine services, slip rentals
- Increased tax revenue, license sales
- Banks – finance boat purchase
- Enforcement, fish processing, weather service, scientific study
- Memorial site
- Increase fishing activity by 2 months

What will the reef be made with?

- Man made concrete modules and concrete rubble
- The reef modules are concrete and rock pyramids; eight feet tall and hollow with holes for sea life to access cover and allow currents to flow through. They are designed to stay in place during a storm surge and not foul commercial crab gear.

Where will the reef be located?

- The location was first selected in 1991 and endorsed by the CDFG.
- It is a square mile tract approximately one mile off the North jetty.
- The area is a featureless sand and mud bottom ranging from 60 to 110 feet deep.



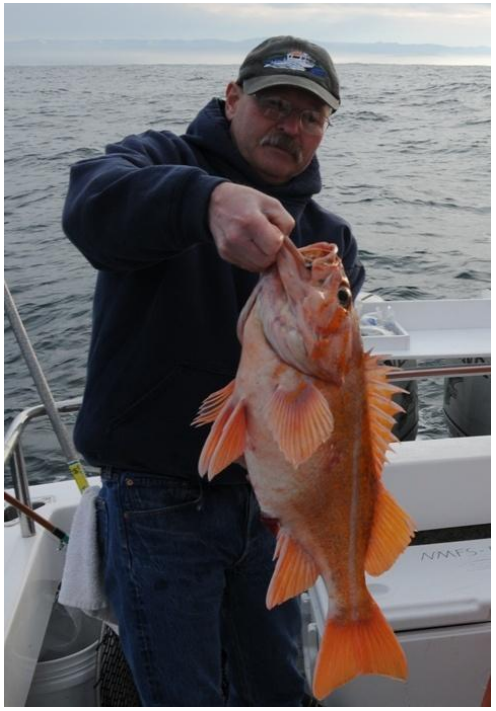
Who will build and pay for the reef

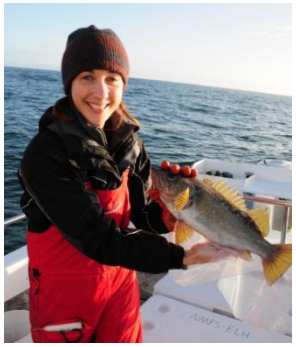
The Humboldt Area Saltwater Anglers (HASA) has partnered with the Humboldt Bay Harbor, Recreation, and Conservation District to advance this important project and has strong community support. The goal is to increase harbor use and improve the economic outlook of Humboldt County business while improving fish habitat and sport fishing opportunity. The funds will come from grants and donations.

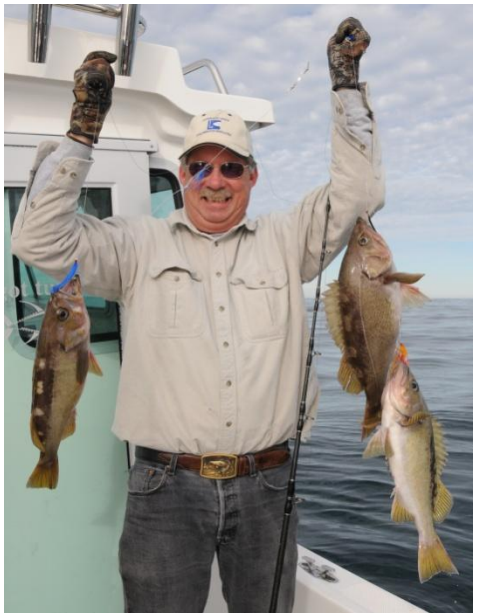
THE FUNDING

- Grants
- Fundraising dinners
- Donations from the fishing and tourism industries
- Naming rights
- Memorial site
- Volunteer labor

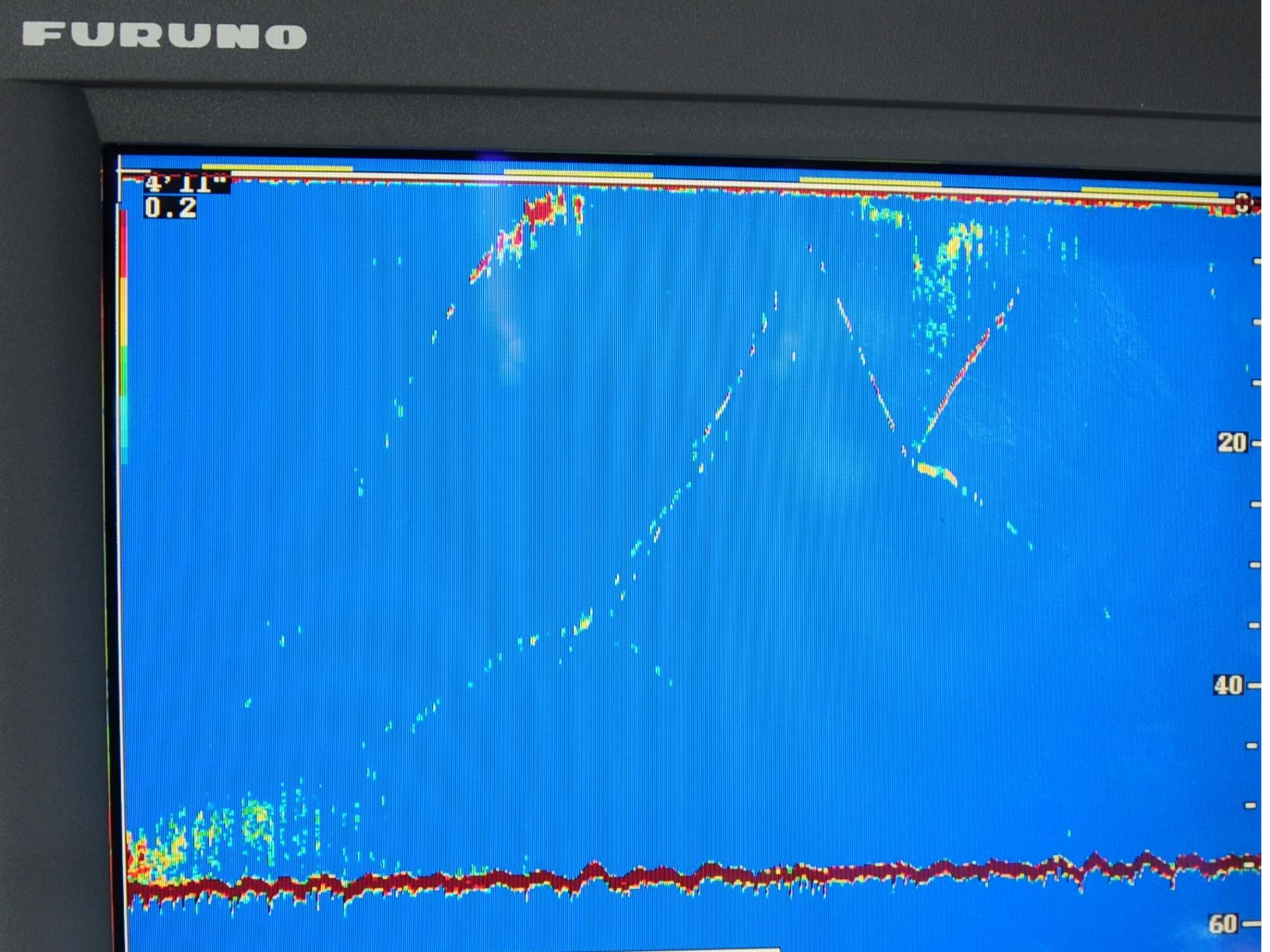
THE FISH







Coleman


FURUNO
4' 11"
0.2
20
40
60

Humboldt State University

The reef will be a rich platform for scientific study

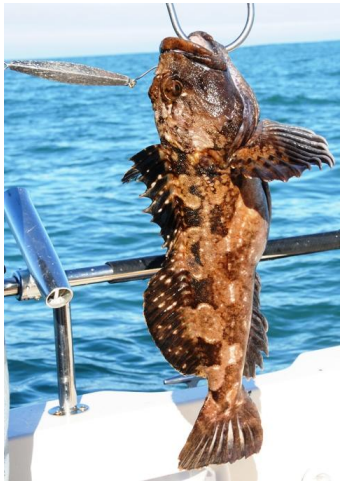
Environmental Assessment Class

Agencies and NGOs involved in the discussion

- California Department of Fish and Wildlife
- California State Lands Commission
- California State Coastal Commission
- Army Corp of Engineers
- North Coast Regional Water Quality Control Board
- US Coast Guard
- Humboldt Bay Harbor, Recreation, and Conservation District
- NOAA/National Marine Fisheries Service
- US Fish and Wildlife Service
- Pacific Fisheries Management Council
- Humboldt County Supervisors
- Wes Chesbro – Joint Committee on Fisheries and Aquaculture
- Jarred Huffman – Member of Congress
- Humboldt Area Saltwater Anglers
- Humboldt Tuna Club
- Humboldt Fisherman's Marketing Association
- Pacific Coast Federation of Fishermen's Associations
- Humboldt Bay Keeper
- Humboldt Surfrider Foundation
- Humboldt State University

There are other interested parties and organizations not listed here.

HASA Reef Committee:
Where we are today



- Working with the Harbor District
- Hired consultant – Aldaron Laird
- Collecting existing reports and studies
- Grants, Permits, CEQA
- Design/build mold for reef structures
- Project presentations
- Fundraising

THINGS YOU CAN DO

- Write a letter of support
- Contact elected officials
- Tell your friends
- Volunteer
- Donate
- Take a kid fishing