Fishermen’s Information Service for Housing, Confidential Release and Essential Distribution

Prepared by
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On behalf of Oregon Wave Energy Trust

This work was funded by the Oregon Wave Energy Trust (OWET). OWET was funded in part with Oregon State Lottery Funds administered by the Oregon Business Development Department. It is one of six Oregon Innovation Council initiatives supporting job creation and long-term economic growth.

Oregon Wave Energy Trust (OWET) is a nonprofit public-private partnership funded by the Oregon Innovation Council. Its mission is to support the responsible development of wave energy in Oregon. OWET emphasizes an inclusive, collaborative model to ensure that Oregon maintains its competitive advantage and maximizes the economic development and environmental potential of this emerging industry. Our work includes stakeholder outreach and education, policy development, environmental assessment, applied research and market development.
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Executive Summary

FISHCRED is an Oregon statewide commercial fishing nonprofit organization focused on data management and support of marine spatial planning. FISCHRED was formed to serve as a central decision-making entity to act on behalf of the fishing industry and to guide, review, and approve of how fisheries data will be presented, utilized, or applied in the Territorial Sea Plan (TSP) and other planning/policy processes. In creating a statewide coalition of fishermen we seek to reduce conflicts associated with marine spatial planning.

Significant progress has been made in gaining support for our organization both from within the commercial fishing industry and with agency, academic and NGO partners. We are increasing looked to by the State as the go-to organization for the commercial fishing industry, however significant work is left to be done. Representation in Garibaldi and Pacific City is nearly non-existent. Continuing dialog is required in Coos Bay and broader representation needs to be encouraged in Astoria and Brookings.

In terms of developing mapping products for use in the Territorial Sea Plan (TSP) process, we have made considerable progress. The evolution of maps from their original form to the current state has provided a platform for a robust and informed discussion about the potential for wave energy development in Oregon. While the size and scope of wave energy development is being worked out by the Territorial Sea Plan Working Group (TSPWG) the commercial fishing industry has developed tools that will allow it to be active and informed in the discussion.

As of the writing of this report, additional mapping products have not been fed into the TSP process. It is envisioned that the existing data layer(s) on fishing areas, when combined with ecological data and existing uses data, will produce draft options that FISHCRED will be able to make informed responses to. We
are scheduling a strategic planning session in mid November wherein we will discuss more proactive approaches to zoning for wave energy.

**Description progress towards stated goals**

*Recruit and promote a balanced and active board of directors.*

Much effort has been put into building relationships up and down the coast, particularly with existing organizations. An outcome of this is that we now have a board with representation in all port-groups (see attachment A). Recognizably there is work to be done with the Pacific City- Garibaldi port-group. Our future efforts will concentrate on building a stronger coalitions and filling vacant board seats.

Initially, there was considerable turnover in the board as several founding board members stepped down to allow for more coast-wide distribution. Most of these individuals have been retained, along some non-commercial fishers, in the form of an advisory board. This broadens our distribution and resource base to pull from.

*Build FISHCRED’s individual membership base in all commercial ports in Oregon.*

Through mailings and one on one meetings, membership applications have been collected from an additional 25 interviewees, in effect doubling the consenting members to 48. This represents about 20% of the initially interviewed fishermen.

Subsequent to our anticipated November strategic planning meeting, another mailing will be sent to all interviewees with a TSP update. We expect more membership agreements will be collected at this time.
Convene regular board meetings to discuss fisheries data use.

Our annual meeting was convened March 10th wherein fisheries data use was discussed. Subsequent to that event, Ecotrust came to review fishery specific maps. At this point it was noted that for some fisheries, these maps display too much proprietary information. It was moved and subsequently approved that Ecotrust create a map that includes all fisheries and incorporates economic data on ex-vessel price and landings.

That map was created and reviewed in Newport, Coos Bay and Port Orford. There was also a web call for other board members to review. This map was deemed to high of resolution and thus inappropriate for use in a public process. The board subsequently moved and approved a Marxan analysis of the economic map to create a two color map that shades areas of highest economic value at various percent curves (90%, 80%, 70%, and 60%).

This is the map that is currently under discussion. After small-group reviews in 5 of 6 represented port-groups, there are mixed levels of confidence with the current map. Although the board was able to validate some areas of lowest economic value, there were also areas that appeared to be economically misrepresented. Furthermore problems were noted where cell blocks span land and ocean, creating an edge effect that requires further consideration and review.

The board continues its work on the Marxan Analysis, as it has been useful in sparking a robust and informed dialog about the potential for wave energy sites in Oregon that would generate the least resistance from commercial fishers. At the point of this report that analysis is still under internal review and has not been released.
FISHCRED recognizes that TSPWG will move forward in its analysis with the previously released data sets. We anticipate having more to contribute after our strategic planning meeting in November.

Raise funds to support FISHCRED.

We currently have requests into two industry sources: Bandon Submarine Cable Commission and Oregon Dungeness Crab Commission. Requests are also being prepared for consideration by OWET, Oregon Albacore Commission, Oregon Salmon Commission, and Oregon Trawl Commission. Federal sources will be applied for if they become available. Consideration for private (foundation) funding will be made at our November strategic planning meeting.

Conclusion

Further analysis of these mapping products is clearly necessary for use in public planning processes, like the TSP. Our initial analysis of the ‘social’ maps proved them to be insufficient for state planning purposes—underestimating the economic importance of some key fishing grounds. FISHCRED took the analysis a step further by adding in economic data of landings and ex-vessel values for each fishery. While this map was far more instructive, the resolution of information was deemed to be too high for public use. The latest analysis took the high resolution economic maps into a low-resolution two-tone map that shows one shaded area of highest economic value to the industry. This is the tool we are currently using to discuss within the industry where areas of opportunity for wave energy will be least likely to have major impacts on commercial/charter fisheries. We need to continue to work on these data products and industry supported recommendations for the TSP process.
Attachment A

FISHCRED Board of Directors

<table>
<thead>
<tr>
<th>Location</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Astoria/Warrenton</td>
<td>John Corbin</td>
</tr>
<tr>
<td>Astoria/Warrenton</td>
<td>Brian Petersen</td>
</tr>
<tr>
<td>Astoria/Warrenton</td>
<td>Open</td>
</tr>
<tr>
<td>Depoe Bay/Garibaldi</td>
<td>Mark Roberts</td>
</tr>
<tr>
<td>Depoe Bay/Garibaldi</td>
<td>Open</td>
</tr>
<tr>
<td>Newport/Florence</td>
<td>Terry Thompson</td>
</tr>
<tr>
<td>Newport/Florence</td>
<td>Bob Kemp</td>
</tr>
<tr>
<td>Newport/Florence</td>
<td>Open</td>
</tr>
<tr>
<td>CoosBay/Bandon/Winch Bay</td>
<td>Rick Goche (Chair)</td>
</tr>
<tr>
<td>CoosBay/Bandon/Winch Bay</td>
<td>Open</td>
</tr>
<tr>
<td>CoosBay/Bandon/Winch Bay</td>
<td>Open</td>
</tr>
<tr>
<td>Port Orford</td>
<td>Chris Aeillo</td>
</tr>
<tr>
<td>Port Orford</td>
<td>Lyle Keeler</td>
</tr>
<tr>
<td>Brookings/Gold Beach</td>
<td>Bernie Lindley</td>
</tr>
<tr>
<td>Brookings/Gold Beach</td>
<td>Lonnie Marrington</td>
</tr>
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FISHCRED Active Advisors

Nick Furman
Hugh Link
Steve Bodnar
Bob Eder
Jeff Feldner
Onno Husing
Tyler Long
Al Pazar
Brad Pettinger
Gary Ripka

FISHCRED Executive Director
Laura Anderson