# Commercial Fishing Vessel Charter Survey Results

Prepared for the

Northwest National Marine Renewable Energy Center (NNMREC)

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## Overview:

Servicing of both wave energy devices and environmental monitoring equipment is a critical need in the development and ongoing activities of a wave energy testing facility, such as the one that the Northwest National Marine Renewable Energy Center (NNMREC) is proposing off the coast of Newport, Oregon.

The commercial fishing industry in Newport has already played a critical role in the development of NNMREC by helping identify both their Newport NETS (North Energy Test Site) and SETS (South Energy Test Site) and in providing commercial fishing vessels for chartering work in the past. These chartering activities have ranged from acting as a guard vessel when deployment of equipment was taking place, retrieving lost research equipment, deploying research equipment, and doing "drive-by's" to check on equipment after large storms. NNMREC has made many of these connections to industry through working with Oregon Sea Grant and through the Fishermen Involved in Natural Energy (FINE) committee.

As NNMREC seeks to grow its activities and create a wave energy grid connected test center (SETS), a better understanding of the assets that commercial fishing vessels have and those vessels interest in being chartered for work was needed.

## The Instrument:

Oregon Sea Grant fisheries extension agent, Kaety Jacobson, worked with NNMREC PIs to establish a list of needs that were typically needed on vessels for them to complete their work. Local commercial fishermen and members of the FINE committee were also consulted during the development of the survey to ensure its readability and accuracy.

Oregon Sea Grant obtained the commercial fishing vessel license list from the Oregon Department of Fish and Wildlife. The list does not have email addresses, only physical addresses, thus a traditional mailing was the best option in terms of reaching the majority of the fleet. The list was sorted and addresses outside of Oregon were removed. Surveys were mailed to 1,018 addresses. Some addresses were associated with multiple vessels. If this was the case, then we sent more than one survey to that location, so that they had a blank survey for each vessel. Each mailing had a cover letter (see attached), the survey (see attached), and a self-addressed stamped envelope for the survey to be returned in.

In order to receive a bulk mailing rate and reduce mailing costs, "return to sender" option was not used, meaning we do not know how many of the 1,018 surveys did not make it to their location. Though, the list is kept up by the Oregon Department of Fish and Wildlife annually, so bad addresses should be minimal.

## Results:

As of June 28th, a total number of 101 surveys were returned. Of those, 26 said that they were not interested in having their vessel chartered for research activities. The remainder of those surveys, 75, said they were interested and provided information on their vessels. One survey provided information on two vessels.

The survey data was entered in Access and is now being used to help match researchers with commercial fishing vessels, this process is facilitated by Oregon Sea Grant Fisheries Extension. The system has been together for only a matter of weeks and has already been used three times.

# Vessel Chartering Survey

Vessel Name: F/V_____

This vessel is interested in research chartering opportunities: ☐ Yes ☐ No

**Owner**

Vessel Owner's Name: _____

Vessel Owner's Home Phone: _____Cell: _____
May we text this number? ☐Y ☐N

Vessel's Owner's Email: _____

**Skipper**

Skipper's Name (if different from owner): _____

Skipper's Home Phone: _____Cell: _____
May we text this number? ☐Y ☐N

Skipper's email: _____

**Vessel Information**

Homeport: _____

Satellite Phone # (leave blank if none): _____

Vessel Email (leave blank if none): _____

VMS 2-way #: _____ SSB Capability: ☐ Yes ☐ No

Overall length: _____feet Beam: _____feet Draft: _____feet

Maximum speed: _____knots Cruising speed: _____knots

Fuel Capacity: _____ Freshwater Capacity: _____

Deck Space: _____feet long X _____feet wide = _____total square feet

Vessel construction material: _____

Power Plant: Main Engine: _____ Horsepower: _____

Auxiliary Power KW's: _____ 2nd Auxiliary KW's: _____

Number of berths available: _____

Is there room for a "dry lab" or indoor work space? ☐ Yes ☐ No

Does the vessel have a GPS system? ☐ No ☐ Yes, what kind: _____

Does the vessel have a bow thruster? ☐ Yes ☐ No

What is the vessel's lifting capacity: _____pounds

Does the vessel have any of the following?

An A-frame ☐ Yes ☐ No

A crane ☐ Yes ☐ No

A davit ☐ Yes ☐ No

What is the vessel's lateral clearance: _____feet

What is the vessel's overhead clearance: _____feet

Are there insurance limitations on how far the vessel can fish offshore? ☐ Yes ☐ No

If yes, how far offshore is the vessel able to operate? _____nm

How big is your current life raft?_____persons

**Fisheries**

What fisheries does the vessel participate in (check all that apply)

☐ Dungeness Crab ☐ Oregon Pink Shrimp ☐ Groundfish ☐ Pacific Whiting

☐ Albacore Tuna ☐ Sablefish, fixed gear ☐ Salmon ☐ Pacific Halibut

☐ Other: _____

Anything else you would like us to know?

Signature of vessel owner: _____Date:_____