

## Geophysical Research Late May to Mid-July, 2021

A proposed geophysical research project studying the Cascadia subduction zone will take place off the Oregon, Washington and British Columbia coast from late May to Mid-July. The project involves deployment of seismometers (red, orange, yellow dots) on the seafloor in lines perpendicular to the coast, followed by a seismic research vessel (R/V Marcus Langseth -picture below) that will be towing a hydrophone streamer cable over 8 nm long, with a buoy on the end of the cable. Cable is submerged ~39 feet depth. **The RV Langseth requests all vessels stay 9 nm from her stern, 2 nm on each side, and at least 1 nm from her bow.** Transit over the streamer cable may be allowed **if no gear is in the water, but please contact the Langseth if seeking permission to make a transit over the streamer cable.**

For more information contact Suzanne Carbotte ([carbotte@ldeo.columbia.edu](mailto:carbotte@ldeo.columbia.edu)) and Jesus Gaytan ([jgaytan@ldeo.columbia.edu](mailto:jgaytan@ldeo.columbia.edu)).

### Seismic Towing Vessel Contact Information:

R/V Marcus G. Langseth  
Call Sign WDC 6698  
Monitoring VHF Ch 16 + 13, and AIS

The OFCC has been contracted to create a thumbdrive with the location of the seismometers. To request one, call **503 325-2285**. There are 350 approx. 1 foot square nodes (yellow dots) about every 545 yards off Tillamook Hd, the Alsea River, and Port Orford. The Seismometers (red and orange dots) will be spaced 8 to 10 km apart (approx.. 5 nm) and are 3 ft to 3 ½ ft tall. **If you call the OFCC, we can provide you with the coordinates of nodes and seismometers where you typically fish.**

