Tomographic images of the superdeep subducting plate beneath the Pacific Northwest United States display a range of subduction styles. Many of these features produce deformation patterns similar to those in the Oregon subduction zone and in the Mariana subduction zone. This is evident in the various features of the subduction zone, such as the location and orientation of the subduction zone, and the geometry of the subduction zone.

1. Introduction
2. VKM
3. Regional waveform modeling
4. Discussion
5. Acknowledgment