The figures are projected on NOAA Navigational Chart 18500 with depths marked in fathoms. The original siting "requirements" that drove the site selection centered on 46.99°N, 124.25°W (North of Grays Harbor), in water depths between 14-16 fathoms, with a soft bottom, and minimum safe operational distances from navigational channels, markings, and shipping lanes. The charts note the original proposed position (grey circle), as well as another candidate suggested during public comment hearings that would avoid conflict with a rocky reef targeted by charter and recreational fisheries. Two more sites were discussed by the audience at the Nov.17 meeting: 1) a site near the navigational buoys marking the channel entrance (yellow square marked as the "buoy line alternative"); and a site near 47.13°N (green square marked as the 47.13°N alternative).

Figure 2-5a.1 Navigation chart with candidate site details.
Figure 2-5a.2 Navigation chart with high-resolution bathymetry overlaying some of the candidate Inshore node sites. Color bar depth key is in meters. *Note that it is our intention to extend our bathymetric database to cover the 47.13°N candidate region.*
Figure 2-5a.3 Bottom backscatter intensity collected during the bathymetric survey. Lighter shades are more reflective to the multibeam acoustics, usually representing hard bottoms – gravel, basalt, or carbonate reefs.
LEGEND
Candidate Mooring Site Locations
- Original
- Pre-Micrositing Meeting
- Micrositing Meeting (Buoy Line Alternative)
- Micrositing Meeting (47.13N Alternative)

Science Siting Requirements
- Inshore Depth Zone
- Inshore Nav Marker Buffer
- Inshore Siting Circle
- Study Area for Siting of Inshore Mooring

47.13N Line
- US Navy Warning Area W237-A
- Olympic Coast NMS Boundary

Note: Depths in Fathoms
Source: NOAA Navigational Chart 18500: Columbia River to Destruction Island (May 2008)
Figure 2-5a.2 (Modified Nov 17th, 2010)
Endurance Array (Grays Harbor Line) Candidate Inshore Mooring Site and Study Area for Potential Inshore Mooring
Figure 2-5a.3 (Modified Nov 17th, 2010)
Endurance Array (Grays Harbor Line) Candidate Inshore Mooring Site and Study Area for Potential Inshore Mooring