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 46.88°N, 124.97°W, in water depths between 219-339 fathoms, with a soft bottom, and minimum safe operational distances from navigational channels, markings, and shipping lanes. Located near Grays Canyon, it was also necessary to avoid bottom slopes greater than 10 degrees to avoid mooring anchor movement. The charts note the original proposed position (grey circle) on the north side of the canyon. Bathymetric surveys during the summer of 2010 failed to identify any sites that met the depth and slope requirement. Another candidate was suggested during public comment hearings that would decrease conflict with longline fisheries. This site is marked with a yellow circle and remains a good candidate. This site is within one mile of a fault to the east and a site further west would avoid that potential conflict (science and operations). An "Alternative 2" is proposed to move further away from the fault (yellow box). We also note that a site marked as Alternative 1 is also located on similar terrain, but falls on the Grays Canyon Bottom Trawl Contact closure line (EFH) and would eliminate any possible conflict with trawl fisheries. These sites will be discussed further with the longline fisheries and the NWFMC.
Figure 2-5c.1 (Modified Nov.17th, 2010)
Endurance Array (Grays Harbor Line) Candidate Offshore Mooring Site and Study Area for Potential Offshore Mooring

LEGEND
Candidate Mooring Site Locations
- Original
- Offshore Micrositting
- Post-Siting Meeting Alternative 2
- Post-Siting Meeting Alternative 1 (Preferred)

Science Siting Requirements
- Offshore Depth Zone
- EFH Final Rule BTCA
- Offshore Citing Circle
- Study Area for Siting
- US Navy Warning Area W237-A

Note: Depths in Fathoms

Source: NOAA Navigational Chart 18500: Columbia River to Destruction Island (May 2008)
Endurance Array (Grays Harbor Line) Candidate Offshore Mooring Site and Study Area for Potential Offshore Mooring

Candidate Mooring Site Locations
- Original
- Offshore Micrositting
- Post-Siting Meeting Alternative 2
- Post-Siting Meeting Alternative 1 (Preferred)

Science Siting Requirements
- Offshore Depth Zone
- EFH Final Rule BTCA
- Offshore Citing Circle
- US Navy Warning Area W237-A

Note: Depths in Fathoms
Source: NOAA Navigational Chart 18500: Columbia River to Destruction Island (May 2008)

Figure 2-5c.2 (Modified Nov.17th, 2010)
Figure 2-5c.3 (Modified Nov.17th, 2010)
Endurance Array (Grays Harbor Line) Candidate Offshore Mooring Site
and Study Area for Potential Offshore Mooring

LEGEND

Candidate Mooring Site Locations
- Original
- Offshore Micrositting
- Post-Siting Meeting Alternative 2
- Post-Siting Meeting Alternative 1 (Preferred)

Science Siting Requirements
- Offshore Depth Zone
- EFH Final Rule BTCA
- US Navy Warning Area W237-A

Backscatter
- High
- Low

Note: Depths in Fathoms

Source: NOAA Navigational Chart 18500:
Columbia River to Destruction Island (May 2008)