

Draft Dungeness Crab Harvest Area Options

HANDOUT E

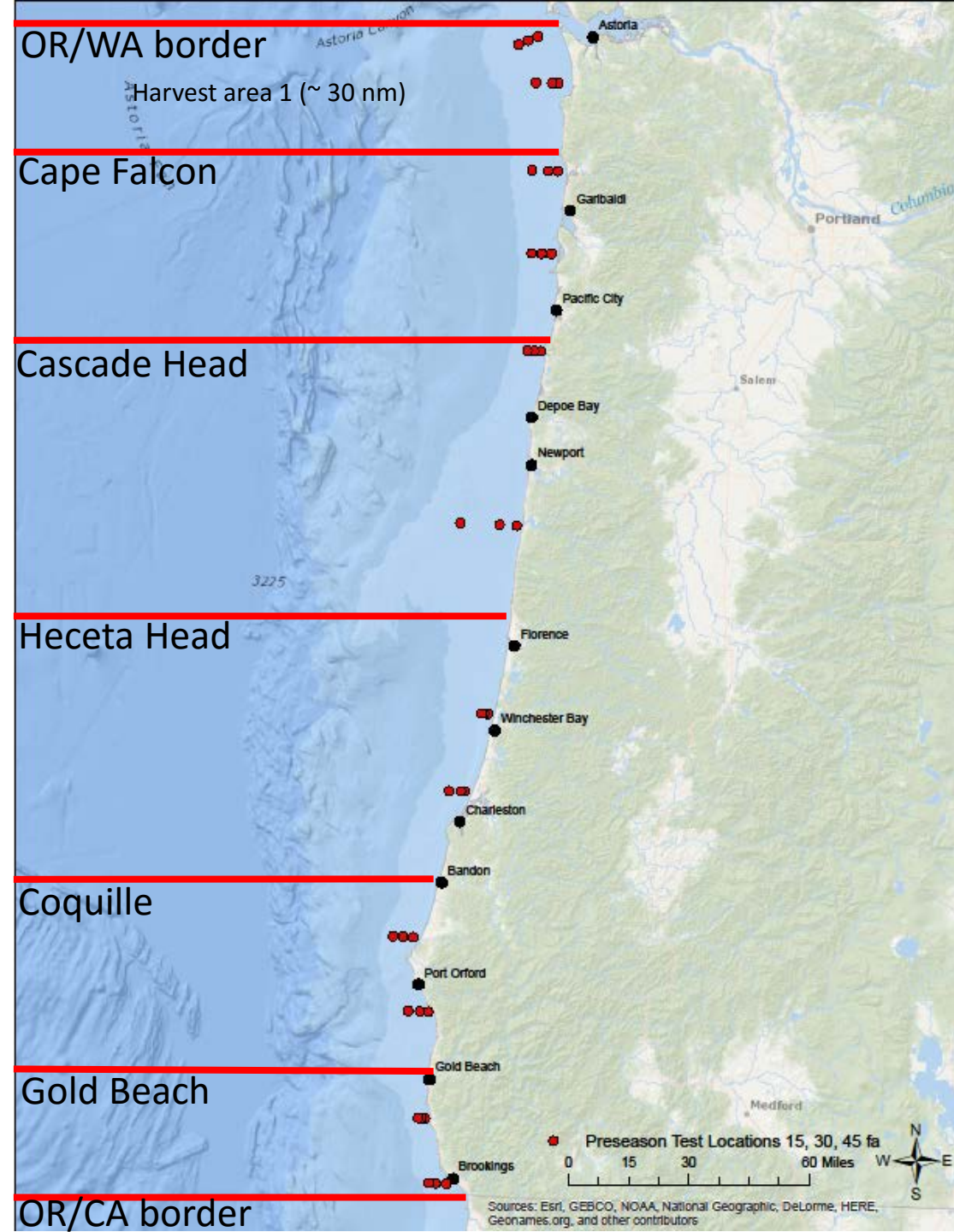
These options have been developed by Oregon Department of Fish and Wildlife and Oregon Department of Agriculture for purpose of soliciting feedback from the Rules Advisory Committee members and the communities they represent.

The three options presented here are examples meant to capture a reasonable range of alternatives based on agency resources and fishery patterns. Combinations or additional options may be considered by the Rules Advisory Committee and the agencies based on feedback.

Option 1 – 6 harvest areas by current preseason sample sites

Considerations

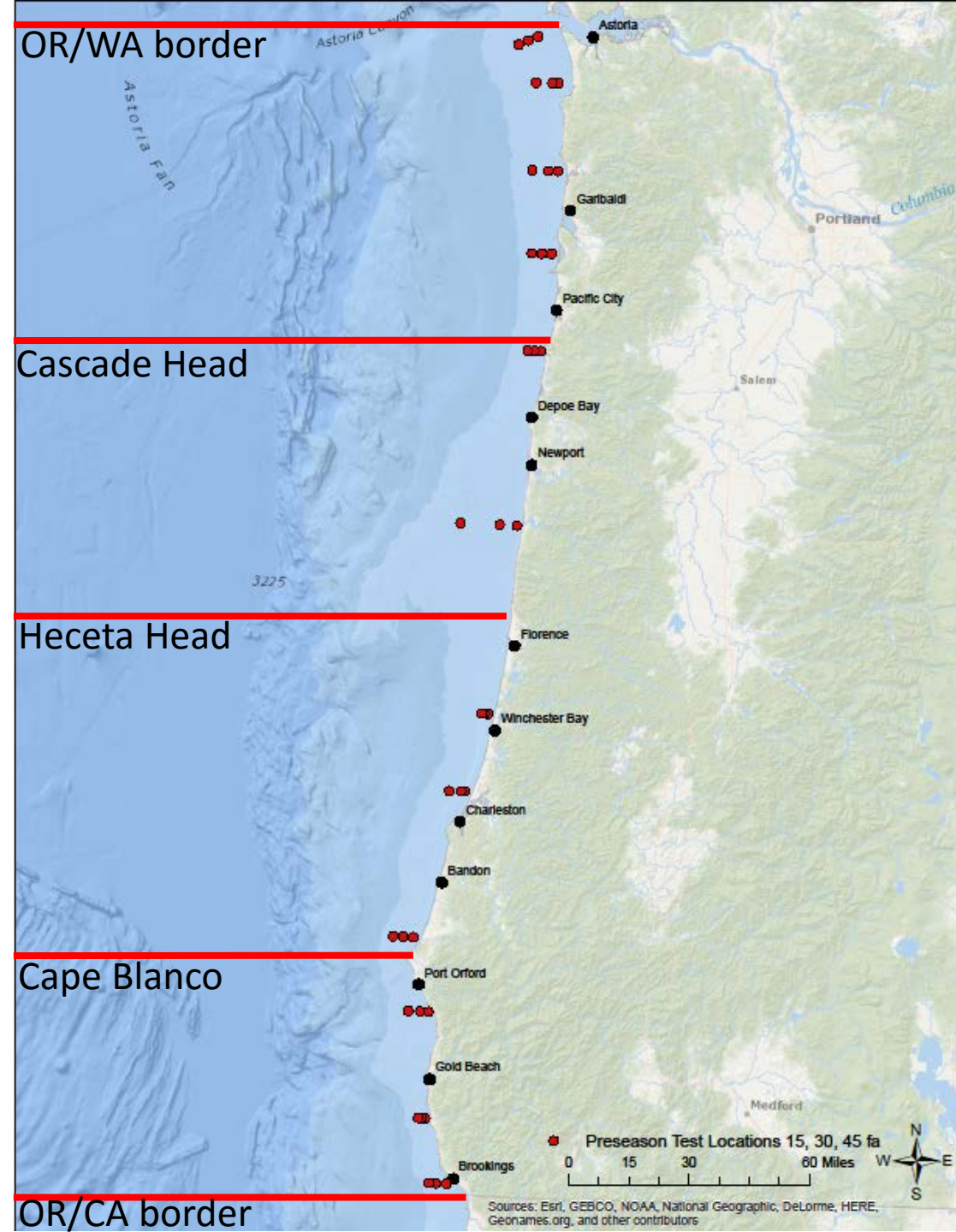
- Minimizes affected areas based on sample sites
- Equal sample sites per harvest area
- Splits more traditional fishing grounds
- Lines are less established (especially south coast)



Option 2 – 4 harvest areas by major geographic features and current preseason sample sites

Considerations

- More conservative for crab movement and small sample sizes
- Unequal sample sites per harvest area
- Splits less traditional port fishing grounds
- Less flexible, potential to close more area than necessary

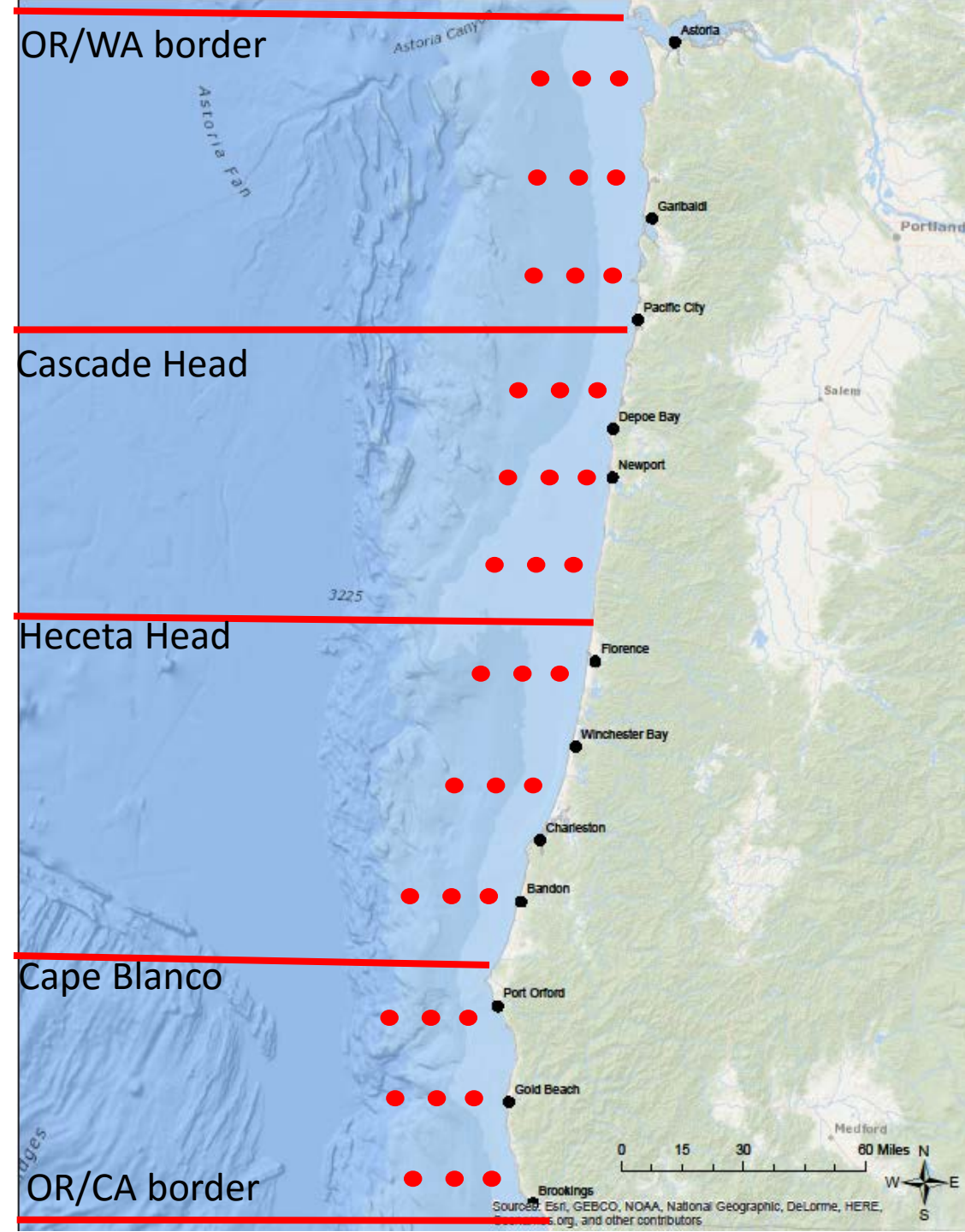


Option 3 – 4 harvest areas by major geographic features and equal sample sites per area

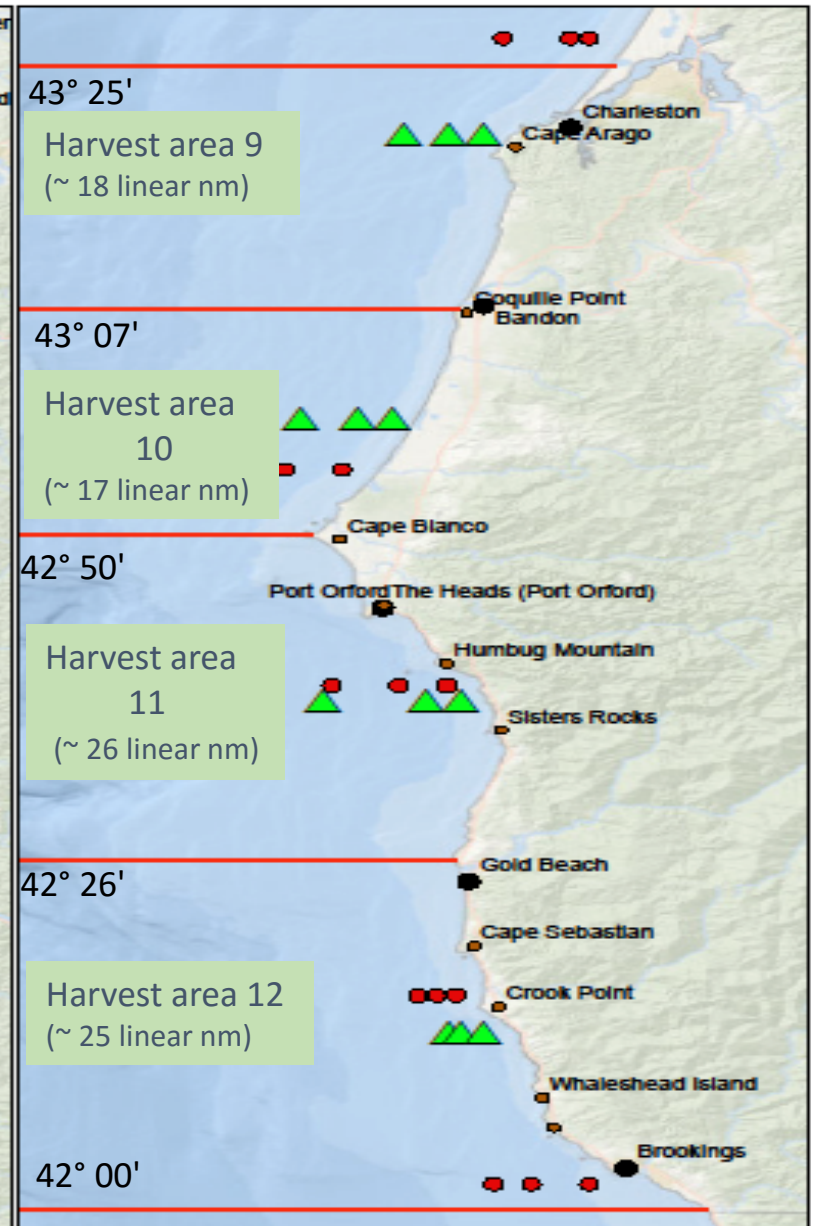
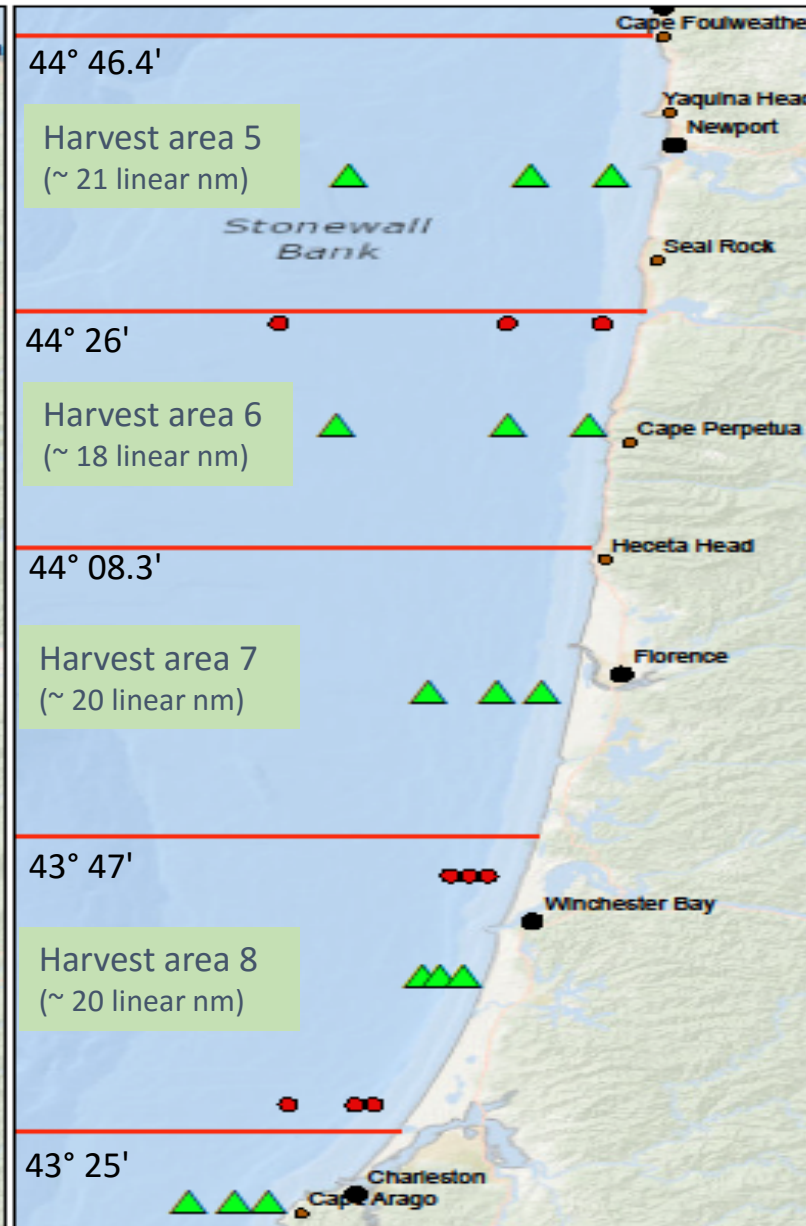
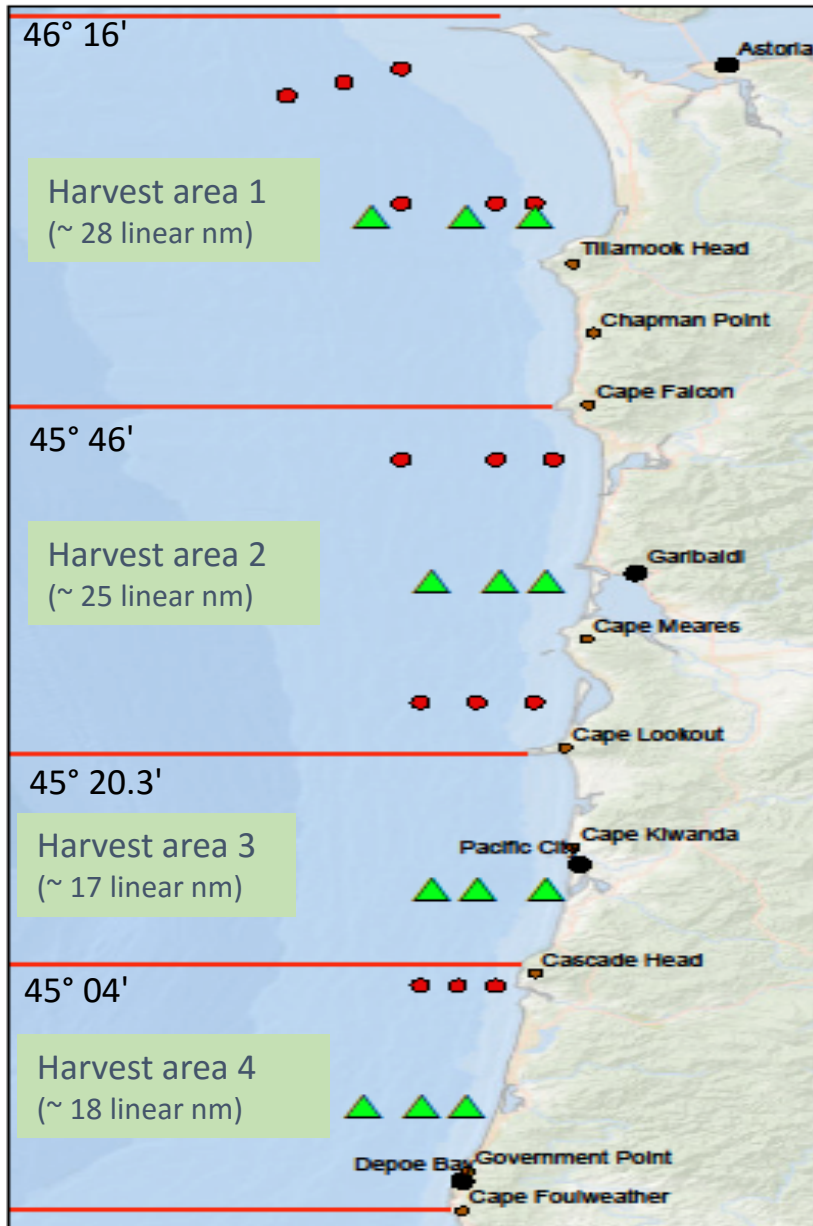
* Sample sites are for example only; exact locations TBD

Considerations

- More conservative for crab movement and small sample sizes
- Equal sample sites per harvest area
- Splits less traditional port fishing grounds
- Less flexible, potential to close more area than necessary



Option 4 (RAC preferred option) – 12 harvest areas



- Preseason Test Locations 15, 30, 45 fa
- ▲ Proposed New Sampling Sites_080917

Service Layer Credits: Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org.

Option 4 - Proposed New Sampling Site Coordinates

Harvest Area	Depth (fa)	Lat (DDM)	Lon (DDM)
1	45	46 0.0	124 08.6
1	30		124 03.6
1	15		123 59.7
2	45	45 33	124 05.3
2	30		124 02.0
2	15		123 59.4
3	45	45 10	124 05.5
3	30		124 02.8
3	15		123 59.7
4	45	44 54	124 08.8
4	30		124 06.0
4	15		124 03.5
5	45	44 36	124 20.4
5	30		124 10.8
5	15		124 06.5
6	45	44 17.5	124 21.0
6	30		124 12.0
6	15		124 08.0

Harvest Area	Depth (fa)	Lat (DDM)	Lon (DDM)
7	45	43 57.5	124 16
7	30		124 12.5
7	15		124 10
8	45	43 36.5	124 16.5
8	30		124 15.3
8	15		124 14.5
9	45	43 19.5	124 28.5
9	30		124 26.3
9	15		124 24.8
10	45	42 58.5	124 34.0
10	30		124 31.4
10	15		124 29.3
11	45	42 37.5	124 32.8
11	30		124 27.5
11	15		124 25.5
12	45	42 13	124 26.5
12	30		124 25.6
12	15		124 24.6