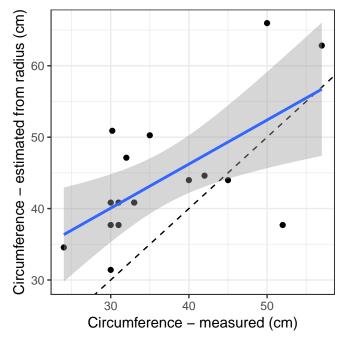
Urticina mapping

Load the data and prep for mapping.

Is the measured circumference similar to an estimated circumference (calculated from the diameter)?



Map of *Urticina piscivora* at Hopkins Marine Life Refuge permanent cable.

```
dat %>%
ggplot(aes(x = x, y = y, color = dive, size = area_cm2)) +
geom_vline(aes(xintercept = 0), size = 2, color = "gray") +
geom_vline(aes(xintercept = 0), size = 0.5, color = "black", linetype = 2) +
geom_hline(aes(yintercept = 100), size = 0.5, color = "black", linetype = 2) +
labs(x = "Distance due east/west from cable (m)",
     y = "Distance along cable (m)") +
geom_point(alpha = 0.5) +
```

