

Figure S7: Average depth-temperature profiles (PDT) derived from all leatherbacks that displayed area restricted searching behavior (both high and low dive intensity) within the South-Atlantic Bight, which ranged from Cape Canaveral, FL, to Cape Hatteras, NC, along the continental shelf. The black lines represent the mean (solid) \pm standard deviation (dashed) depth of the turtles. The purple line is the estimated depth of the thermocline. If there was not enough of a thermal gradient, then there was no estimated thermocline. Since fewer individuals displayed area restricted searching behavior in this region, A is PDT data from two individuals moving along the coastline of NC (IDs NC19.01 and NC19.02), while the other two (B and C) consist of PDT data from more individuals moving along the continental shelf edge.



