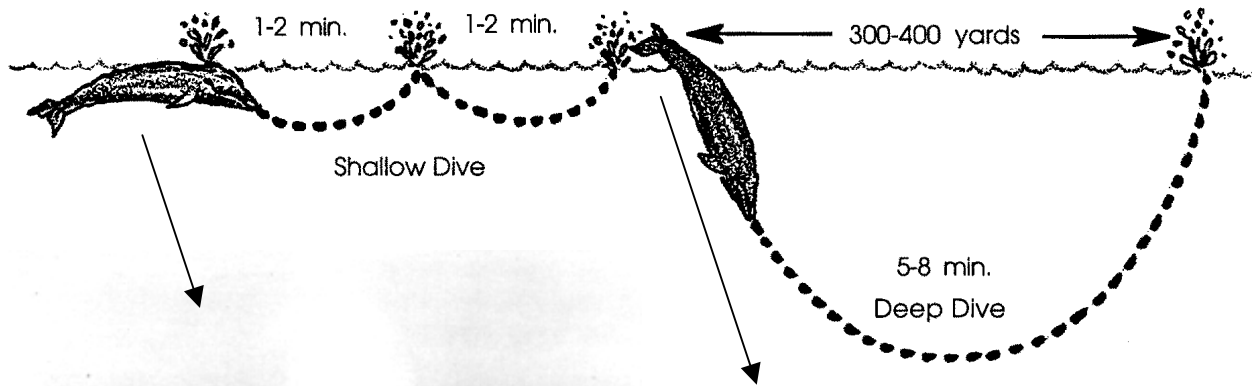


The Gray Whale Swimming and Breathing Cycle



Gray whale spout (side view)



The gray whale's powerful fluke drives the whale forward with each undulation



Gray whale spout (view from behind)



Gray whale nostrils open for exhalation

NOAA photos by M.L. Jones and S. Swartz