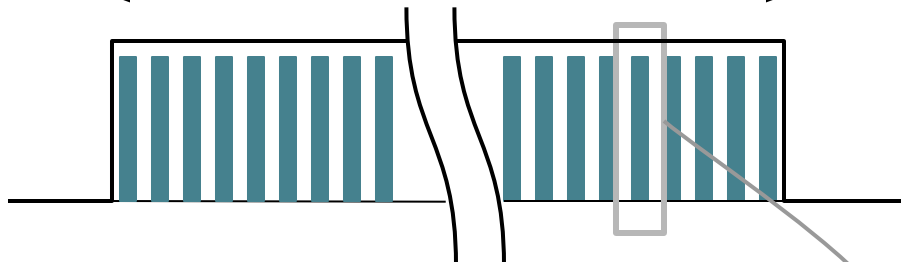
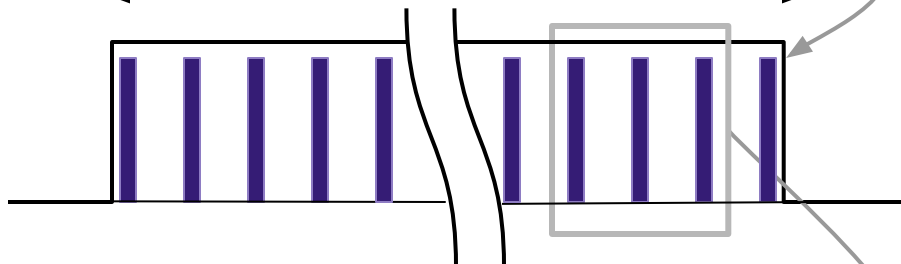


1 spill = 5s = 369,000 turns



1 turn = 11.2 $\mu$ s = 588 RF buckets



1 RF bucket = 1-2ns =  $O(10^4)$  protons

