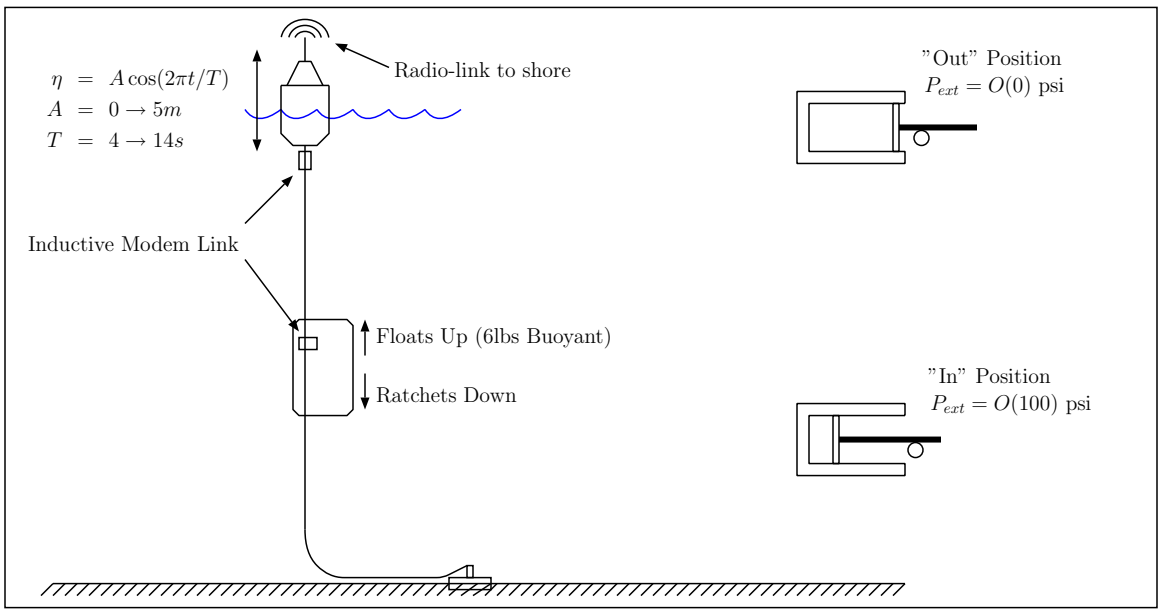
$\eta = A\cos(2\pi t/T)$
$A = 0 \rightarrow 5m$
$T = 4 \rightarrow 14s$
Radio-link to shore
Inductive Modem Link
Floats Up (6lbs Buoyant)
Ratchets Down
"Out" Position
$P_{ext} = O(0)$ psi
"In" Position
$P_{ext} = O(100)$ psi