

# Container Ship Simulation

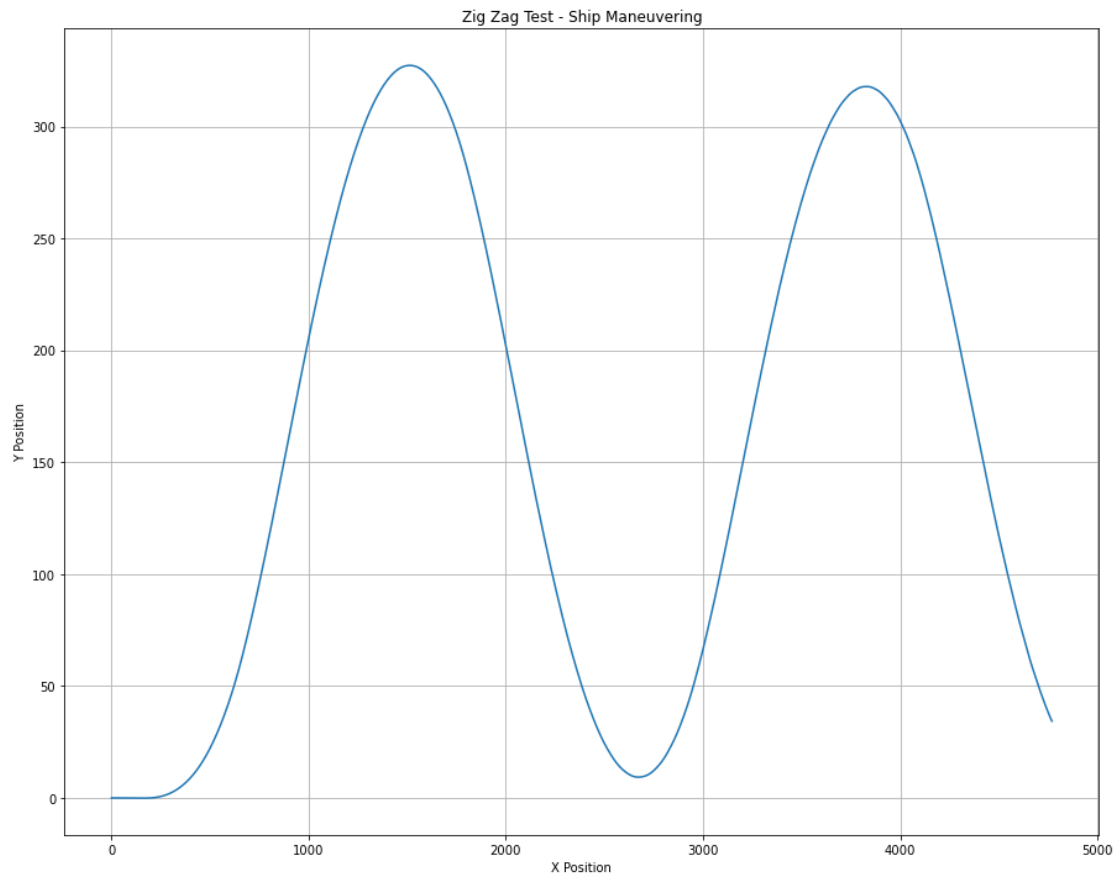
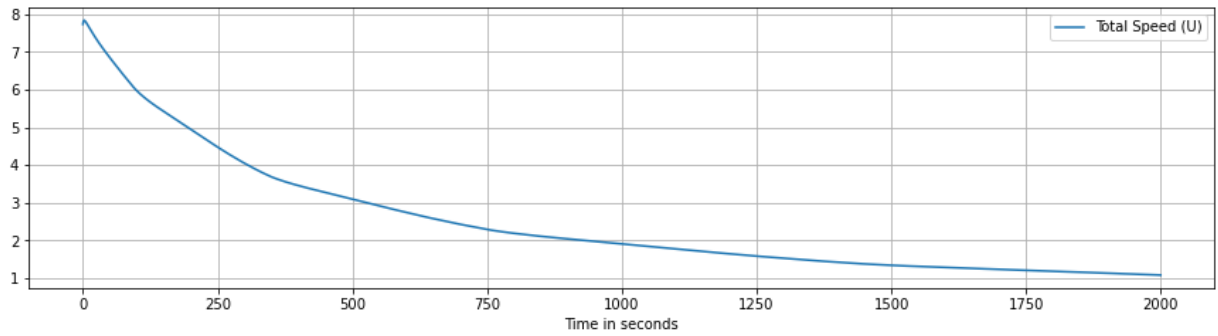
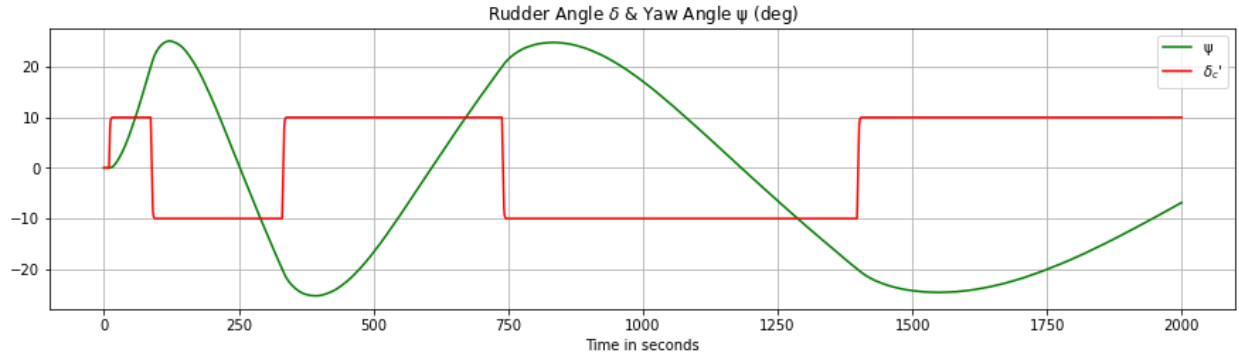
## Motive:

To evaluate the designed container ship model for being treated as an agent in Reinforcement Learning System.

**Simulation Time:** 0 -2000 seconds

**Starting Position of Ship :** -  $[u,v,r,x,y,psi,p,phi,delta,n] - [7.75,0,0,0,0,0,0,0,0,160]$

**Initial input command :**  $[\delta_c, n_c] - [0,0]$



Surge-Sway-Yaw Components

