2st order non-linear Nomoto model compared to ship response Ship, $\delta = 2$ NonLinNomoto2, $\delta = 2$ 0.5 Ship. $\delta = 7$ NonLinNomoto2, $\delta = 7$ Ship. $\delta = 12$ NonLinNomoto2, $\delta = 12$ Ship, $\delta = 17$ NonLinNomoto2. $\delta = 17$ 0.4 Yaw rate [deg/s] 0.3 0.2 $\delta=2$ δ =7 δ =12 δ =17 T1=142T1 = 84.6T1 = 74.6T1 = 86.3T2=142 T2=186 T2 = 392T2=143T3=100 T3 = 99.9T3=282 T3=260 K=0.0511 K=0.0529 K=0.0676 K=0.0508 400 600 800 1000 1200 Time [s]