25.0 knot Pierson-Moskowitz Wave Input ω_{range} = 0.25 to 3.5 rad/s N = 100 random frequencies 0.35Wave Amplitude 0.30 0.25 Amplitude 0.20 0.15 0.10 0.05 $0.00^{-0.0}$ 3.5 0.5 1.5 2.0 2.5 3.0 1.0 ω (rad/s)