30.0 knot Pierson-Moskowitz Wave Input $\omega_{range} = 0.2$ to 1.5 rad/s N = 20 frequencies 18.0Wave Amplitude 0.7 0.6 0.5 Amplitude 0.4 0.2 0.1 1.6 0.4 0.6 8.0 1.0 1.2 1.4 ω (rad/s)