30.0 knot Pierson-Moskowitz Wave Input  $\omega_{range} = 0.2$  to 1.5 rad/s N = 5 frequencies 1.2 Wave Amplitude 1.0 8.0 0.6 0.4 0.2 1.6 0.6 8.0 1.0 1.2 0.4 1.4  $\omega$  (rad/s)

Amplitude