Group velocity estimates by source (20,30,90 m) and receiver (30,90 m) depths source depth = 20 m source depth = 20 m rx depth = 30 m rx depth = 90 m 1445 n = 235 events SSP Source & Multipath Structure n = 159 events 0 HYCOM direct path group velocity [m/s] 1440 1435 1430 Mean of EOF set × 1 bounce Chosen Weights 2 bounces △ 3 bounces Δ 1425 source depth = 30 m source depth = 30 m rx depth = 30 m rx depth = 90 m 1445 n = 198 events n = 181 events group velocity [m/s] 1435 1430 1430 × • ¥ × × Ф 0 1425 source depth = 90 m source depth = 90 m rx depth = 30 m rx depth = 90 m 1445 0 n = 204 events n = 303 events group velocity [m/s] 1435 1435 1430 × × x X ×× 1425 1 1.2 1.4 1.6 1.8 2 2.2 1 1.2 1.4 1.6 1.8 2 2.2 one way travel time [s] one way travel time [s]