Improvement of range estimation error SSP = chosen weights, N = 568 events 25 20 15 10 updated algorithm error [m] nearest bounce criteria 5 0 0 -5 -10 -15 source depth & multipath structure -20 20 m direct path 30 m 1 bounce 2 bounces 3 bounces -25 -25 -20 -15 -10 0 10 15 20 25 in situ algorithm error [m] minimal bounce criteria