Abstract Submitted for the MAR08 Meeting of The American Physical Society

Environmental Constraints in Practical Photonic Quantum Sensing.¹ YAAKOV WEINSTEIN, GERALD GILBERT, MICHAEL HAMRICK, MITRE Quantum Information Science Group — We report on research directed to problems associated with the propagation of photonic signal states in quantum sensing. Attention is devoted to constraints associated to realistic propagation environments for practical applications of quantum sensing.

¹Research supported by DARPA under MITRE Project 0707D070-QA and by the MITRE Technology Program under grant #07MSR205.

Gerald Gilbert MITRE Quantum Information Science Group

Date submitted: 04 Dec 2007

Electronic form version 1.4