From: Williams, Carl J. Dr. (Fed)

To: Copan, Walter G. (Fed); Romine, Charles H. (Fed)

Cc: Kushmerick, James G. (Fed); Scholl, Matthew A. (Fed); Olthoff, James K. (Fed)

Subject: Defense Science Board

Date: Monday, December 30, 2019 11:20:25 AM

Walt and Chuck

Please find a link to a defense science board Executive Summary on Quantum Technologies. In general I would not pass this on but in Appendix C NIST is mentioned in the recommendations. We are currently executing on that recommendation but I thought you ought to be aware. I think getting the full report would be valuable and I will work on that.

The recommendation specifically is:

"3.1. Director, National Security Agency and the DoD Chief Information Officer, in conjunction with Director, National Institute of Standards and Technology, select and deploy quantum- resistant public key infrastructure algorithms and protocols. This work is vital and must continue in earnest."

https://dsb.cto.mil/reports/2010s/DSB_QuantumTechnologies_Executive%20Summary_10.23. 2019_SR.pdf?
utm_medium=email&utm_source=FYI&dm_i=1ZJN,6NNDO,E29O41,QJ2WI,1

Carl

Carl J. Williams, Deputy Director Physical Measurement Laboratory Fellow, Joint Quantum Institute and QuICS National Institute of Standards and Technology

301-975-4200