



NATIONAL SECURITY AGENCY
CENTRAL SECURITY SERVICE
FORT GEORGE G. MEADE, MARYLAND 20755-6000

FEB 12 2013

MEMORANDUM FOR COMMANDER AIR FORCE RESEARCH LABORATORY/CC

SUBJECT: (U) Air Force Research Laboratory (AFRL) Support to Laboratory for
Telecommunication Sciences (LTS) – INFORMATION MEMORANDUM

Sir:

(U//FOUO) The National Security Agency's (NSA) Research Directorate has a standing relationship with AFRL to advance Cyber and Computer Network Operations (CNO). I am especially pleased with the joint effort between 1st Lt Bryon Fryer of AFRL and our Laboratory of Telecommunication Sciences (LTS) at College Park, MD. It is my strong desire to continue this relationship during the 2013 fiscal year.

(U//FOUO) The LTS and 1st Lt Bryon Fryer are in the midst of several mission-critical activities made possible by extended TDYs to the LTS facility (2-6 week intervals). I can report that one recent deliverable by the team has been deemed *revolutionary* by our mission customer. As such, we consider this collaboration as vital to our mission, enough so that LTS funds all of 1st Lt Fryer's travel expenses.

(U//FOUO) 1st Lt Fryer has used this opportunity to become well-versed in NSA tactics and techniques and is carrying that knowledge and experience back to AFRL. Furthermore, he has identified new areas for NSA and AFRL to collaborate. Among these is the merging of WORKHORSE capabilities with AFRL's PURPLEMUSKET infrastructure.

(U//FOUO) Despite looming funding cuts, I have directed that LTS MIPR funding to AFRL to continue this special relationship in FY13. The LTS leadership has carefully scrutinized whether this research can be conducted remotely and have convinced me that it is neither feasible nor fiscally responsible.

(U//FOUO) I hope you will share in my excitement for the work that 1st Lt Fryer is doing on our behalf and support my strong desire to have 1st Lt Fryer return to the LTS as currently scheduled on 1 March 2013.

(U) If you would like further information, I would welcome a conversation via secure channels.

A handwritten signature in black ink, reading "Michael Wertheimer".
DR. MICHAEL A. WERTHEIMER
Director of Research, NSA