

February 10, 1943

Private Wayne G. Barker  
Officer Candidate School  
Ft. Monmouth, New Jersey

Dear Private Barker:

I hear that you have recently been selected for Officers Candidate School and wish to extend my congratulations.

I have had the cryptographic system submitted by you carefully examined and the result thereof is as follows:

- a. The principles of such a system are already known.
- b. The time required for operation is out of proportion to the degree of additional security.
- c. The presence of only a few errors in transmission would render the message partially or totally undecipherable.
- d. In view of the foregoing facts, encipherment of code by double transposition is not considered practical.

I am glad to see that you have a considerable interest in this field and hope that you will continue in it.

With very best regards, I am

Sincerely yours,

William F. Friedman  
Director, Communications  
Research