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25 November 1949

MEMORANDUM FOR Mr. Friedman

Subject: Cipher Compromises.

1. I have a distinct recollection of reading, with the aid of a translator, from Admiral Doenitz' private log several remarks to the effect that the analysis of certain submarine operations indicated that the U.S.-British had knowledge of the contents of German traffic enciphered in the U-Boat Enigma system. Admiral Doenitz reported discussing this with the cryptographic experts and being told that the Naval Enigma was secure from cryptanalytic attack. Admiral Doenitz also philosophized on the helplessness of a commander in a discussion with his experts in cryptography.

2. Since I read this document while in England I am not certain that it ever found its way to the U.S., nor where it would be if it did. I think the log, about 20 typewritten pages per week of the war, came from the German archives in Southern Germany.

3. If AFSA, ASA or CSAW do not have this log, I would think that Naval historians might have it.

Very respectfully,

J. T. PENDERGRASS

Declassified and approved for release by NSA on 11-12-2014 pursuant to E.O. 13526

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