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COPY

Japanese Military Attache Helsinki to Tokio.

Serial No. 33 dated 12/1/43

2141. I United States cipher.

(1) Finland in breaking the American machine cipher (STRIGE* CIPHER); up till the 10th of January, this office had received the following keys:- 10-1, 10-3 (few groups corrupt) 4-1, 7-1, 18-1.

1962. (2) A cipher key which had been used at Helsinki was used a month later at Moscow and then at Ankara. One which had been used at Stockholm was afterwards used at Berne and then at Madrid. In fact, as the same key may be used in rotation, if any given key has once been broken, it has sometimes proved useful again at a later date.

1963. (3) (Few groups corrupt) and special secret agents.

(4) The first clue which enabled the Finns to break this cipher was an enquiry from (group) about a BERNE situation report which was sent to Helsinki in an unexpected key.

(5) Please inform me (group) the situation regarding work in Japan, and if you would like the keys which are broken to be sent to you from this office. I should like Colonel HAYASHI to pay a visit here.

(6) An engineer of a Swedish cipher firm has been for two years on a tour of all America, and has not yet returned; there is therefore a possibility that machine ciphers in the Swedish style may in the future appear among American ciphers.

1964. II Turkish telegraphic ciphers.

(1) They are based on a very short subtractor and are therefore easy to solve, given a knowledge of the language. In fact, as the subtractor has the same figure for every three letters the range of figures is limited.

(2) The Finns know from correspondence between Vichy and Ankara, what the situation in Vichy is like, and regard it in a serious light.

*Sic: Presumably "Strip"

R/35
Received Feb/3/43/

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Handwritten note:
This is not a cipher
is a cipher anyway
enter at 12/1/43