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UJJD

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CIPHER FOR "ANDERSON" TO BE MODELLED ON THAT USED BY "BERNS" (1942)

From: MOSCOW

To: STOCKHOLM

No: 223

25 Mar. 42

To AKASTO[i].

The cipher for "ANDERSON" [ii] is made up on the principle of "BERNS's" [iii] cipher: the primary encrypted text is in Swedish using the 26 letters of the Latin alphabet. At the end of the code table [B' there are] two punctuation marks (full-stop and comma) as well as a word separator. The three digits appearing over the fifth, seventh and tenth letters of the keyword [a] are used for the dinome beginners. To generate the key [b] the letters from the novel [KNIGA] [c] are substituted only by the monomes at the heads of the columns. The key starts at the [B' first] letter of the word used as the keyword.

The first indicator is added to the second group from the beginning multiplied by seven [d]. It is put at the fifth position from the beginning of the telegram. The second indicator is added to the third group from the end multiplied by nine [d]. It is put at the seventh position from the end. The service group [e] is added to the last group of the telegram and put at the end of the telegram.

The novel [KNIGA] [c] GUISLING HA... [e] NEED...
[16 groups unrecoverable]

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from 1 to 7~~8~~, ANDERSON from 71 [to][f] the end. All the Swedish and Norwegian letters with diacritical marks in the novel or the telegram are treated as ordinary Latin letters. It is not possible to obtain a simpler cipher.

No. 29~~89~~

LANOV[iv]

[1 group unidentified][g] March 1942

Notes: [a] i.e. of the monome-dinome table.

[b]

[c] KNIG: literally "book"; "novel" is the cryptological term for a book of any description used for generating key.

[d] Probably non-carrying multiplication.

[e] Service group [SLUZHEBNAYA GRUPPA]; generally used of a group containing external message data, such as date and group count.

[f] Inserted by translator.

[g] 24th or 25th March.

Comments: [i] AKASTO : Col. M. I. NIKITUSHEV, Soviet Military attaché in STOCKHOLM.

[ii] ANDERSON : Unidentified cover-name. See also STOCKHOLM's No. 158~~8~~ of 24th July 1942 (3/NBF/T1687) and MOSCOW's No. 71~~8~~ of 30th September 1942 (3/NBF/T1685).

[iii] BERNIS : Unidentified cover-name. See also MOSCOW's No. 93 of 13th October 1941 (3/NBF/T1685).

[iv] LANOV : Col. BALTENKO of the Special Communications Division of the GRU.

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