ROUTING AND RECORD SHEET

INSTRUCTIONS: Officer designations should be used in the "TO" column. Under each comment a line should be drawn across sheet and each comment numbered to correspond with the number in the "TO" column. Each officer should initial (check mark insufficient) before further routing. This Routing and Record Sheet should be returned to Registry.

FROM:

Date Received DEC 1 4 1950

NO. 33 - CMGFG

DATE 1 December 1950

TO	ROOM NO.	DATE REC'D	DATE FWD'D	OFFICER'S INITIALS	COMMENTS
1. EE-2		DEC 18 1950			Distribution:
2. EE-7					Copy 1 of 3 [4]
					Attachments (2)
3.					1
					2
4.					Copy 2 of 3 [ ]
					Attachments (2)
5.					1 EE-3
					2
					3
6.					Copy 3 of 3 [ ]
					Attachments (2)
7.					1 C/EE
					2
8.					3
9.					
10.					
11.					
12.					DECLASSIFIED AND RELEASED BY CENTRAL INTELLIGENCE AGENCY SOURCES METHODS EXEMPTION 3B2B NAZI WAR CRIMES DISCLOSURE ACT DATE 2007
13.					
14.					

74B-120-7

16—61155-1   U. S. GOVERNMENT PRINTING OFFICE

EE-H-254

33 -OSOFG   1 December 1950

SUBJECT: ZAISBON Communications

TO: [   ]   INFO: Chief, FJCAPE
                                                Heidelberg, Germany

VIA: Chief, FJCAPE
       Frankfurt, Germany
                                                Chief, FJCAPE
                                                Washington, D. C.
                                                ATTN: [   ]

    1. Pursuant to our discussion of the possibility of attempting to establish communications with the ZAISBON group inside JBOLCUS, I wish to submit to you the following details of the communications system established for this circuit, as well as details on the cryptographic system in use by this group.

    2. I would appreciate receiving from you at your earliest possible convenience an evaluation of this communications and cryptographic system, as well as the answers to the following questions:

        a. Is the system such that you could attempt to establish communications with "Veronika" using your main transmitter and receiver station?

        b. In the event that you consider it undesirable to use your main station, is the frequency range such that a separate RT-1 could be set up to attempt this contact, and are you in a position to set up such a transmitter station for us, monitoring the circuit at your main base or otherwise as you see fit?

        c. In the event that the foregoing are impracticable or impossible of execution, we would appreciate your evaluation of the frequency range for possible use employing a suitcase set from HSOHABT.

    3. We enclose our only copy of the book which forms the basis for the cryptographic system and therefore wish you to send it back to us with your answer.

    4. As indicated above, we are most anxious to proceed with this matter without delay and would therefore greatly appreciate your earliest attention to this matter.

[   ]

attach: 1 - code system (s.c.)
   2 - crypto system, 3- book (s.c.)
        s.c.

ATTACHMENT 1 for __33__ -GROUPG

Details of the Code System Used by the Group

The communications stations in JBCLOUD are known under the code name "Veronika." The frequencies used by them are (a) 7010 klc, (b) 4561 klc, (c) 4404 klc (reserve).

a. The transmission station operating from BUCHEST or SOGIDER would be known as "Albins" and the frequency used should be (a) 7030 klc, (b) 5321 klc.

b. The choice of frequency is determined by the following rule: The frequency "a" is used when the date of the months and the number of the months added together make an even number. For example, 15 July, 15#7=22; in this instance the frequency "a" would be used.

c. When the date and the month added together form an odd number, as for example 5 August, 5#8=13; in this case frequency "b" will be used.

d. Frequency "c" for "Veronika" always remains in reserve, and it is used only in case of evergency when another frequency, "a" or "b", cannot be used.

e. When the roadcast falls on a date that is an even number, then the broadcasting time is 2010 hours; when it falls on a date that is an odd number (such as 17 September), then the broadcasting time is 2110 hours. (The time in this case is the TPOGOGA time, which is GMT plus three hours.)

f. The days of the broadcasts. The broadcast is made blind or one-sided and it is repeated and resumed in accordance with the following pattern: The starting point of calculation is 15 May 1949 when "Veronika" broadcasts. The return broadcast by "Albins" is made nine days after (which in this case is 24 May). Then he broadcasting is resumed again by "Veronika" and then again by "Albins" on the 10 of June and then starts a new period. The frequency of the period for Both "Veronika" and "Albins" is nine-eight-nine and with the end of one period begins a new period which is also nine-eight-nine. To make it more explicit, we repeat, when "Veronika" broadcasts on 19 June, "Albins" answers on 27 June. This system is not changed unless both stations agree and in November 1950 the broadcasting dates are the following: "Veronika" 4-11, "Albins" 13-11, "Veronika" 22-11, "Albins" 30-11.

ATTACHMENT 2 for __33__ -CMGFG

Explanation of the Code System Used

1. **Radio Signals:** The radio signals are given in the
following way: Three letters followed by letters "DE" and then
again three letters. For example, KTB DE PED. The letters to
be used are selected in acordance with the following rule: The
cipher group used for this purpose is a book of peems "Ceribu
Zeme," Universala Biblioteka, Nr 3, Zelia Abele, 1945. The pages
of this book to be utilized for signals are selected as follows:
Page 21 for the first calendar day of the month, Page 22 for the
second calendar day of the month etc. until the last calendar day
of the month. The selection of the proper letters for the given
day is arranged as follows: The first letter to be selected
would be the first letter in the text, the second letter would
be the last letter in the first line of the text and the third
letter would be the first letter in the last line of the text.
In his fashion we obtain the first three letters formint the first
group. After this group letters "D" and "E" follow. The second
group consisting of three letters also is selected in the same
fashion as the first group except that instead of the first line
of the text, the second line of the text is used and instead of
the last line of the text, the next to the last line is used.
For instance, using these principles and the text of the book,
the signal for the fifth calendar day will be as follows: KTB
DE SNP (Actually this should have been KTB DE SSS but the same
letter sshould not be used twice in one group. For example,
LLF, LLL, LFL, FLL and the place of the letter that could not be
used because of duplication is taken by the next letter to the
left of the one which was not used. In the same manner and for
the same reasons, the letters "U" and "R" are not used.

2. **Composition of the Message and Construction of the Cipher:**
The cipher is constructed from 90 letters of the text given on
the selected (according to previous instructions) page. The
first calendar day is the 21st page of the text, thesecond day
is the 22nd page and the 31st calendar day is the 51st page.
The title on the page is not used and not taken into consideration
in the construction of the cipher. The first step in building
the cipher consists in writing out in a vertical line 24 letters
of the Latvian alphabet. These letters are as follows: A,B,C,
C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, S, T, U, V, Z.
Every letter of the alphabet will be represented by two figures,
for example, taking page 21 of the book, letter "A" will be repre-
sented by 02, 28, 35, 43, 57, 59, 75, "B" by 91, C by 81, C by 92,
"D" by 03, 38, 47, 70, "E" by 16, 39, 50, 54, 62, 66, 68, 71, 87,
"F" by 93, "G" by 21, "H" by 94, "I" by 05, 10, 15, 46, 49, 53,
73, 78, 82, 84, 86, "J" by 95, "K" by 01, 07, 13, 25, 44, "L" by
72, "M" by 33, 56, 67, "N" by 17, 18, 23, 30, 40, 42, 58, 79, 83,
90, "O" by 19, "P" by 74, "R" by 06, 14, 27, 36, 76, "S" by 08,
11, 12, 24, 41, 51, 60, 69, 88, "S" by 34, "%" by 09, 31, 45, 52,
55, 61, 85, "U" by 20, 22, 26, 29, 32, 37, 64, 80, 89, "V" by 63,
77, "Z" by 04, 48, 65. The period sign on this page is represented
by 96.

SECRET

The period sign on this page is represented by 96. It must be noted that when the text is prepared then in the row of figures thus obtained for that particular date, another figure should be introduced which, together with the first figure of the text, would add up to number 10. For example, when the first figure of the text is "4" then "6" should be added. On the first calendar day of the month this figure will be preceeding the text. In such a case, if the first figure of the text is "0", then another "0" would be placed before it. However, should this figure be "9" instead of "0", then the figure preceding it would be "1". When the text is coded then it is composed in groups of five figures. When the last group is less than five figures, then the missing number of figures is added so that so that the last group would also contain five figures.

3. Construction of Telegrams and Messages:

Veronika = = (nr) $\frac{01}{37}$ (gr) $\frac{05}{12}$ (Dat., Monat) $\frac{1911}{0703}$ Time 1315 5Z r 5:

Albins = = (Time) 2010 (group of figures) 12 == 5Z r 5Z...USW...1

Example:

Veronika sends message on 25 Nov as follows: "Kom gleich hier."

KTB de SNP 3 - 5 Minutes

== 16 06 2511 2110 == 13193 r 32172 r 54468 r 19494 r 15549 r 27149 l

When Albins sends a message then every goup of figures should be repeated twice. Veronika is not required to dothat because of the security risks involved in overstaying too long on the air.

The text of the message desired to be transmitted by COH group to their compatriots in the homeland is as follows: "Talakais pec plana. Ka maigai ar velu." This message is an agreed-upon text and translated has a trivial meaning approximately as follows: "How is everything? How is the wash?"