

BT

~~TOP SECRET - GUARD~~

MY 190645/2 AND 210349/2.

1. CODE BOOK DEFINITELY ESTABLISHED AS AD (PAGE 14, APPENDIX C, REPORT ON VISIT TO [REDACTED], APRIL 1950-REFERENCE MA/RDB/012).
2. LIST IN PARA.4 CONTAINS MAIN BULK OF RECOVERIES FOR PAGES 01 TO 36. WE ARE NOW WORKING ON SUPPLEMENT (PAGES 39 TO 49) AND EXPECT TO SEND LIST OF RECOVERIES FOR THIS SECTION OF THE BOOK IN A FEW DAYS.
3. PROPOSE STOPPING WORK ON THIS SYSTEM (WHICH WE ARE CALLING AD-2) AT END OF NEXT WEEK. BY THAT TIME THE CODE TEXTS WILL BE ALMOST COMPLETELY READABLE AND WE FEEL HOLDING CENTRE WOULD BE IN A BETTER POSITION THAN WE ARE TO TIE UP ANY REMAINING LOOSE ENDS. GRATEFUL YOUR COMMENTS.

4. RECOVERIES FOLLOW:-

(A) SUBSTITUTION TABLE:

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| A | B | C | D | E | F | M | N | O | P |
| L | K | J | I | H | G | T | S | R | Q |
| U | V | W | X | Y | Z |   |   |   |   |

(B) CODE RECOVERIES (READ IN 4 COLUMNS, AD PAGE NUMBER, ARBITRARY PAGE NUMBER, COLUMN CO-ORDINATES, NON-CO-ORDINATES)/1

|    |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | 74 | 7 | - | - | 1 | - | - | - | 6 | 8 | - | 1 | - | - | - | - | 5 | - | 0 | 9 |   |
| 02 | 32 | 3 | - | - | - | - | - | - | 2 | 9 | - | 1 | 3 | - | 1 | 9 | - | - | - | - |   |
| 03 | 01 | - | 1 | - | 6 | - | 8 | 0 | 3 | 4 | - | - | 5 | - | 8 | - | 4 | - | - | 0 | 4 |
| 04 | 44 | 4 | 2 | 8 | 5 | 6 | 7 | 9 | 1 | 3 | 0 | 3 | 1 | 5 | 4 | 6 | 7 | 2 | 0 | 9 | 8 |
| 05 | 18 | - | 5 | - | 1 | - | 2 | 0 | 7 | 9 | 8 | 8 | - | 5 | 0 | 3 | 1 | - | 2 | - | 7 |
| 06 | 24 | 4 | 2 | 7 | 9 | 8 | 0 | 6 | 5 | 3 | 1 | 2 | 9 | 7 | 8 | 4 | 1 | 3 | 5 | 0 | 6 |
| 07 | 57 | 1 | 6 | 3 | 4 | 5 | 2 | 5 | - | 9 | - | 2 | 4 | - | 6 | 9 | 5 | 0 | 3 | 8 | - |
| 08 | 01 | - | 1 | 5 | 4 | 6 | 2 | 9 | 7 | - | 8 | 8 | 0 | 7 | 9 | 2 | 6 | 4 | 5 | 1 | 3 |
| 09 | 06 | 2 | - | 7 | 6 | 9 | 5 | 0 | 5 | - | 1 | 3 | 6 | 7 | 1 | 4 | - | 5 | 2 | - | 8 |
| 10 | 15 | 0 | 9 | 6 | 5 | 3 | 1 | 4 | 2 | 7 | 8 | 2 | 7 | 9 | 0 | 8 | 4 | 6 | 5 | 3 | 1 |
| 11 | 42 | 5 | 0 | 3 | 1 | 6 | 5 | 2 | 4 | 9 | 7 | 7 | 9 | 4 | 2 | 5 | 6 | 1 | 3 | 0 | 8 |
| 12 | 68 | 1 | 3 | 5 | 6 | 8 | 4 | 2 | 7 | 0 | 0 | - | 0 | 7 | - | - | 5 | 4 | - | 3 | 1 |



13 89 1 2 - 7 5 5 6 - - - - 1 7 5 5 5 6  
 14 38 - - - 5 6 - - 9 8 - 8 - 2 9 7 4 - 6 - -  
 15 86 1 5 3 - - 8 - - 9 8 9 - 5 - - - - 3 8 8  
 16 69 - 8 - - 7 6 - - 3 - 5 3 1 6 7 - - 8 0 -  
 17 13 - 3 1 - 4 6 - - - - - 4 6 - 3 1 - - - -  
 18 11 6 - - 5 - 1 - 9 5 8 - - 7 9 4 - 8 0 5 6  
 19 58 - 4 3 6 5 2 - 9 7 - 2 - - 7 - 8 5 9 8 6  
 20 05 5 - 9 2 4 7 0 3 1 - 3 8 1 0 2 5 4 6 9 8  
 21 96 0 - 8 4 - - - 9 - 3 - - 7 8 1 - - - - 4  
 22 25 6 - 9 1 0 2 7 8 3 - 3 - - - 4 2 7 8 9 0  
 23 50 7 1 2 - 8 0 3 5 - 4 1 4 0 3 2 - 5 - - 6  
 24 60 7 - 1 2 - - 5 - - - - - 6 - - - - 7 9  
 25 67 - - 1 - - - - 7 - - - - 1 - - - - 9  
 26 00 1 - 8 5 6 - - 2 - 9 8 0 - - - 2 - 6 - 7  
 27 88 9 - 8 7 - 2 6 5 - 1 - 3 5 - 6 - 2 - - 9  
 28 41 0 5 3 - 6 4 2 7 8 - 0 8 1 9 3 - 6 - - 4  
 29 77 2 - - - - - 1 7 4 - 8 - - - - -  
 30 51 - 5 3 1 2 - 6 0 - 7 - 6 9 8 0 - 1 7 4 -  
 31 35 - - - - 8 5 - - - - - 3 - - 6 - - - -  
 32 54 - - - - - 7 0 9 8 - - 8 - - - - -  
 34 22 0 7 8 9 1 - 5 6 - - 8 0 9 - - - - -  
 35 33 2 7 9 - - - 6 - - - 4 - - - - -

#### 9. EXAMPLE OF DECRYPTION:

PARA 1 OF EXHIBIT B USING THE SUBSTITUTION TABLE IN A (A)

BEGINS :- 6595 0852 5023 4238 1118 0511 8536 4247, 1586 9822 ETC.

AND DECODES AS FOLLOWS (CTC EQUIVALENTS):-

6638 ..... 2508 4822 2651 1813 0681 1807 4104, 0250 0169

N.B. 8536 IS A COMPOUND WORD, I.E. 0681 1807.

BT

CFN:- P 010920Z ~~TOP SECRET GUARD~~

NY 190645/2 AND 210249/2.

DIST:- DIR X MH XX AD X DM 01/3/57.