This paper originally accompanied USC/13: 14/293 24 April 1953

EO 3.3(h)(2)
PL 86-36/50 USC 3605

REPORT ON VISIT BY MR. [redacted]

16th, 17th and 18th February, 1953

I

GENERAL

[redacted]

of February 18th, arriving home the following morning.

II

[redacted]

had time fully to examine what amounted to some 4,500 texts.

5. The sample referred to above was sterilised by removal of all [redacted] laborious task was undertaken in order to comply strictly with the rules laid down in Appendix P to Brusa Agreement.

6. A simplified Texta with ad hoc notation had been sent with the sample; this included only call signs and frequencies used on each link for which traffic was present in the sample.

[redacted]

8. At the beginning of the meeting I handed [redacted] a list using the same ad hoc notation referred to in para. 6 above and giving a brief description of the location and functions of each link so far

[redacted]

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[redacted]

11. There is a good deal of detail sorting and registration to be done before the [redacted] can produce the annotated Texts referred to above, and we may expect to have to wait a week or two before the next move comes from them.

12. [redacted] would like us meanwhile to continue to supply [redacted] raw material on [redacted] as sent in the sample.

(a) They consider that for the time being at least it should come [redacted]

(b) The intelligence value of our interception is largely long term and the sub-centre would in any case not be able to use it for their short term work unless very special arrangements could be made for quick delivery.

13. The subject of exchange of crypt recoveries was not discussed.

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III

[redacted]

IV

OTHER TOPICS REFERRED TO IN CONVERSATION WITH [redacted]

17. [redacted] are developing electronic high speed machinery,

(a) for production of random one time key,

and (b) for cryptanalysis.

18. [redacted] is convinced that the future of cryptanalysis lies in use of high speed machines, if only on account of the vast bulk of material that would need to be processed.

[redacted]

him the whole question of security of dissemination.

[redacted]

different coloured paper.

(c) As regards dissemination in [redacted] he said that

[redacted]

Sigint security methods and send it to me.

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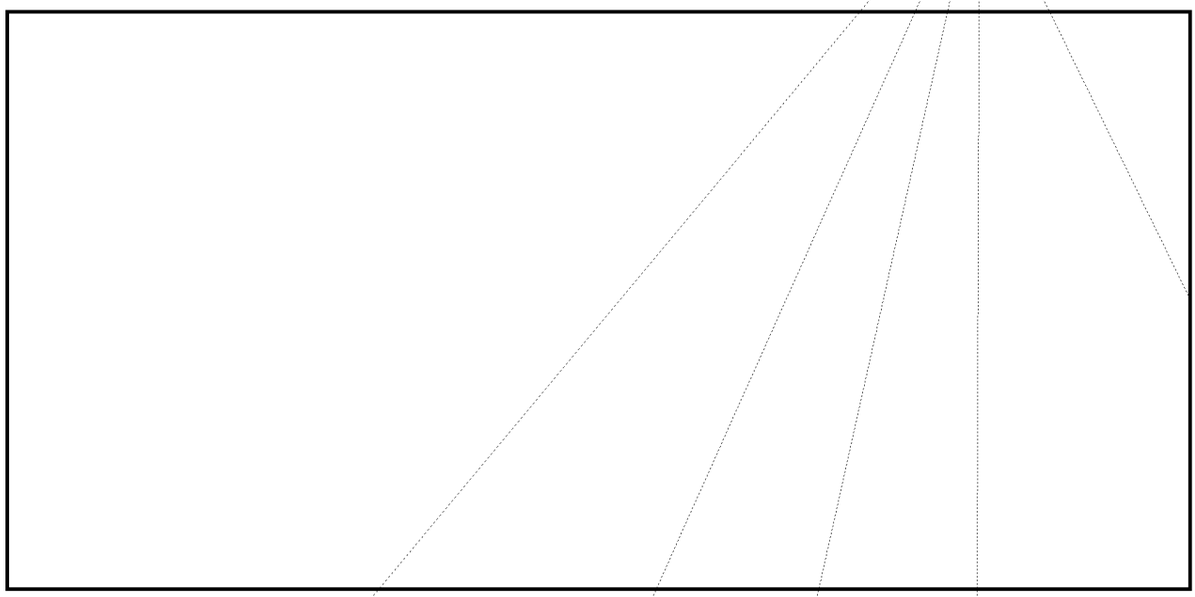
Appendix 'A'



3. [redacted] asked for three things:-

(a) Spaced loop D/F equipment (1.5 - 12 Mc/s acceptable)

(b) Mobile 'single' loop equipment (1.5 - 15 Mc/s acceptable)

(c) HF receivers; to good, but not necessarily field, tropical standards; not so hermetically sealed as to preclude maintenance in the field. Frequency coverage 1.5 to at least 20 Mc/s.

4. I told [redacted]

(a) That delivery of the Marconi DFG29 spaced loop equipment, which he was aware of, was at least eighteen months and that there was no other equipment known to me with earlier delivery.

(b) That no HF loop equipment was immediately available; either, as far as I know, commercially or from Government sources. That we, ourselves, were about to adapt an existing receiver; possibly the G.E.C. BRT400 (a commercial write up on which I left with him) by the development of a simple screened loop system. That we would add his requirement of 18 sets to the production run and do our best to meet the target date of first deliveries in six months time. That these sets would be tropicalised, as far as possible, and would be complete with any auxiliary equipment (such as convertors for battery operation) and a pack of spares (preferably 'life-time').

I undertook to send details of the equipment, as soon as it had reached the design stage. I said I thought the cost of the complete equipment, with spares backing, would be in the region of [redacted]

(c) That we would do our best to start the supply, within a month, of 60 HF receivers of a general purpose tropicalised pattern. (I did not commit myself to a specific type but indicated it would probably be a standard Army one). That the cost with spares backing would be about [redacted] per kit.

(d) That the above agreements were made on the assumption that a satisfactory arrangement for the formal transfer of the equipment would be made shortly.

5. As [redacted] inquired about prices, I judged that he, as controller of the equipment concerned, had assumed that they might have to face up to payment.

6. The discussion was extremely cordial and I had the impression that, though the [redacted] were bitterly disappointed we could not assist them by the supply of spaced loop equipment, nevertheless they were very grateful for the aid we were able to offer, particularly the eighteen mobile D/F equipments.

7. [redacted] told me that his interests were fully represented on the CNET, so that there is apparently a satisfactory coordination of their scientific effort. The subject of miniaturisation came up and he stated that he was not aware of any special progress in that field, resulting in the production of very small receivers of the pocket type, etc.

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