QUESTIONS ABOUT THE BCM (CSP 3800) WHICH THE BRITISH MAY ASK, AND ANSWERS THEREunto

Q. 1 Can we take 3800 to England?
A. No.

Q. 2 Circuit diagram and description of operation to England?
A. No.

Q. 3 How long will it take for combined purposes to replace CCM with BCM?
A. About 1 Jan 1952.

Q. 4 Assume the British hope to have their new machine ready before 1 Jan 1952, and that they can not adapt it to the BCM. Is it not too uneconomical to adopt the BCM under such circumstances since it will remain in use for only a short time?
A. Yes it is too uneconomical.

Q. 5 How secure is BCM compared to CCM?
A. Numerous weaknesses of the CCM have been overcome:
   Lobsters
   End rotor off
   Shorter cycle lengths.
   The major weakness remaining is the basic weakness of any 5 rotor machine in connection with high speed trial and error methods.

Q. 6 Can the TYPEX be adapted to work with the BCM?
A. Yes. 7-rotor adaptation, 2 dummies.

Q. 7 Why use dummies? Suppose we make them live rotors.
A. There is no means at the present time of adapting our machines to the 7-rotor design.

--- Diagram ---

[Diagram showing connections between TYPEX, CCM, BCM, and other machines]
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QUESTIONS ABOUT THE BCM (CSP 3800) WHICH
THE BRITISH MAY ASK, AND ANSWERS THERETO
CONT'D

Q. 8 If BCM is for hi-level, what will be used for medium level?
A. Use BCM with separate rotors.

Q. 9 What are the physical security requirements you mentioned in your
letter?
A. (1) Register, and account for at least quarterly to a central office
of record, all component parts, i.e.:
  machine
  baskets
  rotors
  key lists.
(2) Hazardous duty.

Q. 10 Would the U.S. authorize the manufacture, for the British, by the
U.S. manufacturer, a sufficient number of the U.S. type of BCM,
namely CSP 3800, provided the British pay the cost?
A. ? Referred to DIRAFSI for decision.

Q. 11 Will U.S. give us jags and dies?
A. No.

Q. 12 Will U.S. lend us jags and dies?
A. No. Impracticable.

Q. 13 If we adopt BCM, as it now stands, what are the prospects for improved
security on a not too costly basis.
A. (a) Changeable tires.
   (b) Add 2 effective rotors to the maze.

Q. 14 We would like the blueprints to manufacture in England.
A. No - because of patents involved. Would have to have a license from
Teletype.