

HEADQUARTERS, ARMY SERVICE FORCES
MEMO ROUTING SLIP

To the following in order indicated:

GPO 16-34260-2

1	Chief, Army Communications Service.	(Initials)
	(Name or title) (Organization) (Building and room)	(Date)
2		
3		

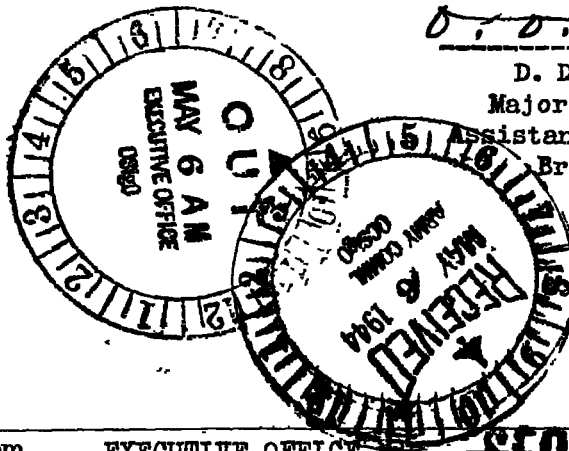
EO-7246

For necessary action. Summary Sheet transmitting reply to the ASF will be prepared for signature in the Executive Office and submitted so as to reach this office not later than NOON, 8 MAY, 1944.

By order of the Chief
Signal Officer:

D. D. Mills

D. D. Mills,
Major, SPSEO-1,
Assistant Executive,
Br. 6213.



cc-28154

Declassified and approved
for release by NSA on
04-07-2014 pursuant to
E.O. 13526

From EXECUTIVE OFFICE

SECRET

6 May

(Date)

(Telephone)

(Name)

(Organization)

(Building and room)

~~SECRET~~

8 May 44

The Honorable,
The Secretary of State,
Washington, D. C.

Dear Mr. Secretary:

Receipt is acknowledged of your letter of May 4, 1944, with reference to a new U. S. Army cryptographic device known as Converter M-325.

The War Department finds that it can make the above-mentioned equipment available to the Department of State in sufficient quantities to meet the Department's needs, but inasmuch as quantity production is only in its initial phases the entire lot of 1000 devices and accompanying 2000 rotor sets requested in your letter cannot be supplied immediately in a single shipment.

Fully realizing the urgency of this matter, the Chief Signal Officer was directed to give first priority to the needs of the Department of State in the War Department's distribution of this new equipment, and subject to contingencies now unforeseen by him, he has established the following tentative supply schedule for the machines to be furnished the Department of State:

<u>Date</u>	<u>Number of Devices</u>	<u>Number of Rotor Sets</u>
May 15, 1944	500	500
May 31, 1944	400	400
June 30, 1944	300	300
July 31, 1944		300
August 31, 1944		400
September 30, 1944		300
Total	1000	2000

It is hoped that the foregoing tentative schedule will be satisfactory and the Chief Signal Officer has been directed to make every effort to meet or to better it. He has also been directed to assist the Department of State in every way he can in the Department's desire to put this equipment into effective usage at the earliest possible date. To this end he has been authorized to deal directly with the appropriate agencies of the

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AC-28158

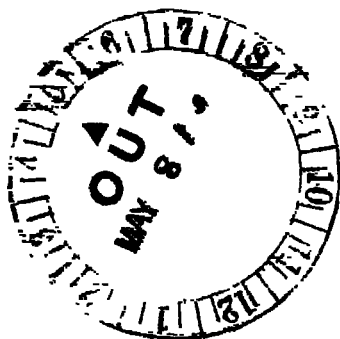
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Department of State concerned in the matter and to assist them in the preparation of all subsidiary documents or material necessary for the proper employment and protection of the cryptographic systems based upon this machine.

At an early date the Chief Signal Officer will be able to submit detailed data in regard to the procurement of the fully electrical, printing models of this machine. The War Department will then be glad to furnish the Department of State with the necessary number of machines of this type, under a similar arrangement as the present.

Sincerely yours,

Secretary of War.



OCURRED IN BY

NAME Initials Ext.

NAME	Initials	Ext.
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*Signed
& copy returned to me
on May 13, 1944*

AC-28158

~~SECRET~~

RECORD COPY
No copies shall be made of this document unless specifically required.
JES
acrom FES 3196

1 G/S, ASF

SPSAC

Col. W.P. Corderman 8129

Request for Converter M-325

8 May 1944

SUMMARY

1. Letter dated 4 May 1944 from Secretary of State to Secretary of War, request that 1000 Converters M-325 and 2000 rotor sets be made available to meet Department's requirements for a high-grade yet simple cryptographic machine.
2. The equipment desired by the Department of State would be suitable for the purpose and can be made available.
3. Attached letter for signature of Secretary of War sets forth a proposed supply schedule according to which the desired equipment can be furnished.

COORDINATION

4. Above recommendation has been coordinated with Special Branch, G-2 (Colonel Carter W. Clarke).

2 Incls.

1. Ltr Sec. State, 4 May 44
2. Ltr for sig Sec. of War

APPROVED FOR THE COMMANDING GENERAL, ASF:

H. C. Ingles,
Major General,
Chief Signal Officer.

ac-28158

ADDRESS OFFICIAL COMMUNICATIONS TO
THE SECRETARY OF STATE
WASHINGTON, D. C.



DEPARTMENT OF STATE
WASHINGTON

May 4, 1944.

~~SECRET~~

My dear Mr. Secretary:

To attain greater security and speed in cryptographic communication the Department of State desires to acquire more cryptographic machines and to extend their use to all offices in the field.

A representative of this Department has recently had several informal conferences with officers of the Signal Security Agency of the Office of the Chief Signal Officer, U.S.A., with the result that there appears to be a possibility that a cryptographic machine recently developed by the Army and known as Converter M-325 could be made available to the Department of State in sufficient quantities to meet the Department's requirements for a high-grade yet simple cryptographic machine for its world-wide communications.

The procurement of these devices would enable this Department to carry out one of the important recommendations in the report, dated January 22, 1944, of the Committee appointed by the Commanding Officer, Signal Security Agency, in response to the State Department request of November 23, 1943, that a resurvey be made of the cryptographic systems employed by this Department.

If the War Department could explore the foregoing possibility and bring about its fulfillment, the Department of State would be most appreciative of the assistance thus rendered in the steps being taken to protect its vital communications.

Should

The Honorable
Henry L. Stimson,
Secretary of War.



-2-

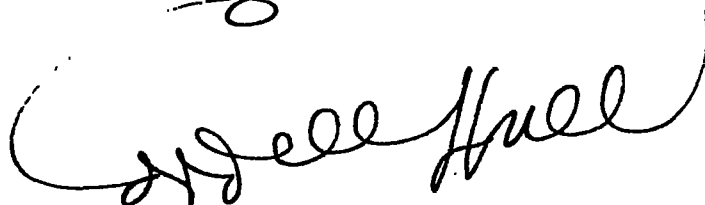
Should the War Department find its way clear to making this machine available, assurance is given that the Department of State will follow such security regulations for the protection of this machine as the War Department will adopt within its own service.

It is understood that the Converter M-325, which is a manually-operated device, can be made to inter-communicate with a fully electrical model now under development so as to produce a printed record at high speed. The Department of State is also interested in this type of machine and would require approximately 80 of them.

However, the immediate needs of the Department of State can be met by providing each office in the American Foreign Service at the earliest possible date with at least two of the manually-operated Converters M-325 and it is estimated that 1000 machines will be required for this purpose. It is also desired that each machine be accompanied by two sets of rotors, making 2000 sets required to equip the 1000 machines. Inquiry is made as to how soon the stated number of machines and rotor sets could be furnished.

Arrangements have been made in this Department to effect the transfer of funds or otherwise compensate the War Department for the equipment desired.

Sincerely yours,



~~Confidential~~file
State DeptDRAFT

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A representative of this Department has recently had several informal conferences with officers of the Signal Security Agency of the Office of the Chief Signal Officer, U.S.A., with the result that there appears to be a possibility that a cryptographic machine recently developed by the Army and known as Converter M-325 could be made available to the Department of State in sufficient quantities to meet the Department's requirements for a high-grade yet simple cryptographic machine for its world-wide communications.

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Should the War Department find its way clear to making this machine available, assurance is given that the Department of State will follow such security regulations for the protection of this machine as the War Department will adopt within its own service.

Declassified by NSA/CSS

Deputy Associate Director for Policy and Records

It is understood that the Converter M-325, which is a manually-operated device, can be made fully electrical, so as to produce a printed record at high speed. Naturally, the Department of State would also be interested in procuring some of these automatic machines when they become available.

to intercommunicate with a model now under development

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However, the immediate needs of the Department of State can be met by providing each office in the American Foreign Service at the earliest possible date with at least two of the manually-operated Converters M-325 and it is estimated that 1000 machines will be required for this purpose. It is also desired that each machine be accompanied by two sets of rotors, making 2000 sets required to equip the 1000 machines. Inquiry is made how soon the stated number of machines and rotor sets could be furnished.

Inasmuch as the Department is not now prepared to wire the necessary rotors for use in these machines, information is also requested as to whether the War Department could, on a temporary basis, wire the minimum number of rotors required to institute the new system. It is estimated that at least 400 sets of rotors would be required for immediate needs.

not to provide for maintenance and repairs

taken care of the Department of State

Arrangements have been made in this Department to effect the transfer of funds or otherwise compensate the War Department for the equipment desired.

SUMMARY

- dated 4 May 1944
1. Letter from the Secretary of State to the Secretary of War, requesting that ¹⁰⁰⁰ ~~a sufficient number of~~ Conwesters M-3's ~~and 2000 rotor sets~~ be made available to meet ~~the~~ Department's ~~of State needs~~ requirements for a high-grade yet simple cryptographic machine for its world-wide communications.
 2. The equipment desired by the Department of State ~~can be made available~~ and a supply schedule has been set up ~~would be suitable for the purpose and can be made available.~~ A supply schedule has been set up under which the ~~total number requested~~ can be furnished ~~by~~.
 3. Attached letter for signature of Secretary of War sets forth ~~supp~~ a proposed supply schedule according to which the desired equipment can be furnished.

COORDINATION

5. Above recommendation has been coordinated with ~~the~~ Special Branch, G-2 (Colonel Carter W. Clarke).

Incls.

1. Ltr Sec State 4 May 44
2. Ltr for sig Sec War

FOR THE ~~to~~