

REF ID: A70930
HEADQUARTERS
AIRWAYS AND AIR COMMUNICATIONS SERVICE
Washington 25, D. C.

AACS

20 April 1948

SUBJECT: Weather Cryptographic Equipment

TO: Chief of Staff
United States Air Force
Washington 25, D. C.
ATTN: Director of Communications

1. This headquarters has reviewed the cryptographic requirements for the handling of classified weather traffic in the event of an emergency. Accordingly, it is requested that the following action be initiated:

a. 800 copies of WB-10-61 and WB-10-62 be produced and placed in war reserve for immediate shipment in the event of an emergency and for such stockpiling at Registered Publications Sections of this Service as exigencies may demand.

b. 250 Converter M-228-M's (Short Title: SIGHUAD) or equivalent device be rehabilitated for such immediate shipment as requirements may demand; that an additional 350 be earmarked to be made available within six (6) months to the advent of an emergency.

c. Requirements for key lists and rotors will be forwarded upon completion of area weather central and dissemination plans.

2. Action has been taken through supply channels to insure the availability of M-131-B2 subsets for Converter M-228-M's set forth in paragraph 1b.

3. These requirements will in no way abrogate or nullify requirements expressed in letter, AACS 413.44/21, dated 27 March 1947, Subject: "Cryptographic Facsimile Equipment for Transmission of Classified Weather Traffic" or letter, AACS 121, dated 22 March 1948, Subject: "Budget for Fiscal Year 1950 - Cryptomaterial."

CONCURRENCE:

H. M. McCEELLAND
Major General, United States Air Force
Commanding

/s/
D. N. YATES
Brigadier General, United States Air Force
Chief, Air Weather Service

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BASIC: Ltr fr Hq AACS, 20 Apr 48, Subj: Weather Cryptographic
Equipment

AGOAS/C 311.5/3

1st Ind

Department of the Air Force, Hq USAF, Washington 25, D. C., 5 May 1948

TO: Chief, Army Security Agency, Department of the Army, The Pentagon,
Washington 25, D. C.

1. Your attention is invited to basic communication.
2. This headquarters concurs in the requests set forth in paragraphs 1a and 1b, basic communication.
3. It is requested that this headquarters be informed of action taken by your agency in this matter.

FOR THE CHIEF OF STAFF:

/s/

WENDELL W. BOWMAN
Colonel, U. S. Air Force
Deputy Director of Communications

CSGAS (20 Apr 48)

2d Ind

Intelligence Division, General Staff, United States Army, The Pentagon,
Washington 25, D. C., 26 May 1948

TO: Chief of Staff, United States Air Force, Room 4D 1041, The Pentagon,
Washington 25, D. C. ATTN: Director of Communications

1. The eight hundred copies of WB-10-61 and WB-10-62 requested in paragraph 1a of the basic letter will be produced, placed in War Reserve, and will be available for shipment after 15 August 1948.
2. The Army Security Agency has under consideration a proposed modification of the present SIGHUAD, intended to increase the security of this device, and it is expected that development and tests of this modified SIGHUAD will be completed about 1 August 1948. Rehabilitation and conversion of the 250 and 350 SIGHUAD requested in paragraph 1b will start immediately upon approval of this proposed modification.

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CSGAS (20 Apr 48)

2d Ind

SUBJECT: Weather Cryptographic Equipment (continued)

26 May 1948

3. In the event an emergency should occur prior to the time the proposed modification is approved, conversion of SIGCUM to SIGHUAD could be started immediately with an estimated output of thirty SIGHUAD per week.

FOR THE DIRECTOR OF INTELLIGENCE:



HAROLD G. HAYES
Colonel, Signal Corps
Chief, Army Security Agency

MAY 27 1948

SIGNED AND SENT OUT

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DRAFT

2d Ind

TO: Chief of Staff, United States Air Force, Washington 25, D. C.,
 ATTENTION: Director of Communications

1. The eight hundred copies of WB-10-61 and WB-10-62 requested in paragraph 1a of the basic letter will be produced, placed in War Reserve, and will be available for shipment after 15 August 1948.
2. The Army Security Agency has under consideration a proposed modification of the present SIGHUAD, intended to increase the security of this device and it is expected that development and tests of this modified SIGHUAD will be completed about 1 August 1948. Rehabilitation and conversion of the 250 and 350 SIGHUAD requested in paragraph 1b will start immediately upon approval of this proposed modification.
3. In the event an emergency should occur prior to the time the proposed modification is approved; conversion of SIGCUB to SIGHUAD could be started immediately with an estimated output of thirty SIGHUAD per week.

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COPY

5. AS-80 AS-24 8 Oct 47

Lt. Palioca Ext 489

1. It is agreed that the basic plan presented in Comment 1, above, is sound. However, it is felt that to broach this subject to Army Ground Forces and US Air Force at this time might lead to changes in present Military Characteristics which could be so restrictive as to seriously hamper present development.

2. In view of paragraph 1, above, it is desired that consideration be given to the suggestion that this subject be investigated by the appropriate subcommittee of the Army Security Agency Technical Committee.

3. In the event that AS-80 considers the latter approach to be inappropriate, it is desired that the matter be again discussed with AS-70, and a proposed draft of a letter to the Army Ground Forces, US Air Force, and the Signal Corps as agreed upon by both divisions be submitted to this office.

1 Incl
n/c

/s/ Charles H. Hiser
CHARLES H. HISER
Lt. Colonel, Signal Corps
Acting Deputy Chief
Army Security Agency
Ext 462

THRU: AS-24

6. AS-74 AS-81 13 Feb 48

ATTENTION: Mr. Tasker

Cryptographic Packaging

1. In compliance with paragraph 2 of action 5 these Military Characteristics are forwarded to the Army Security Agency Technical Committee.

2. It is not believed that this is the proper way to handle these Military Characteristics since it is felt that the responsibility for the development of this equipment should be undertaken by the Signal Corps and that it is not a matter for the Army Security Agency Technical Committee. However, since the Military Characteristics were prepared by this Agency, it was believed that the proper coordination with the Army Ground Forces, the Air Force, and the Signal Corps should be undertaken by this Agency.

1 Incl
n/c

A. SINKOV
Chief, Security Division
Extension 241
