

~~TOP SECRET~~

OSGAS

Request for Personnel Authorization

Director of Intelligence

Chief, ASA

19 Nov. 47

Lt. Buchanan/8129 Ext 454

1. Public Law 313 - 80th Congress authorizes the Department of the Army "\*\*\* to establish \*\*\* within the War Department, not more than thirty positions \*\*\* in the professional and scientific service, each such position being established to effectuate those research and development functions relating to the national defense \*\*\* which require the services of specially qualified scientific or professional personnel \*\*\*."

2. It is believed that the Army Security Agency research and development program is of sufficient importance that one position from this group should be authorized the Agency. The establishment of a position in the professional and scientific service as authorized by Public Law 313 would assist the Agency in insuring continuity of research and provide a scientific nucleus for necessary expansion in the event of an emergency.

3. The attached Disposition Form to the Chief of Staff outlines justification for the assignment of one position in the professional and scientific service to the Army Security Agency.

4. It is recommended that the Disposition Form be signed and forwarded.

1 Incl  
For Sig - D/F to Chief  
of Staff

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

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COPY

Office of the Chief  
of Staff, United States  
Army, Attn: Chief,  
Management Office

Request for Personnel Authorization  
Director of Intelligence  
Lt. Buchanan/8129 Ext 454

1. Reference is made to positions authorized the Department of the Army by Public Law 313 - 80th Congress.
2. The signal intelligence and communication security activities of the Army, including research and development necessary for successful interception and cryptanalysis of foreign communications as well as for the protection of our own communications, are fully integrated within the Army Security Agency. The Army Security Agency's effectiveness immediately prior to and during hostilities will depend directly upon the extent to which it is maintained in peacetime.
3. Specifically, the Army Security Agency has a research and development responsibility in connection with the production of crypto-mechanisms and in connection with intercept and cryptanalytic equipment, devices and principles. As a result of marked improvements and advances in basic cryptographic systems, especially in the introduction of security cipher machines, as well as the expansion in the use of automatic systems of high speed radio communication, the technical problems facing the communication security and intelligence staffs have become much more complicated and they will undoubtedly increase in complexity at an accelerated pace. The production of signal intelligence and the absolute insurance of secure means of communications will continue to place greater and increasingly difficult demands upon the research and development personnel who are required to find methods and equipment which will permit the derivation of intelligence from all types of foreign communications and, at the same time, prevent foreign nations from doing likewise to United States communications. This function involves the application of scientific principles, devices and mechanisms of a complex and diversified character. The carrying out of these functions thus requires a wide range of technical abilities of the highest order. The efficient execution of these responsibilities requires a logical, consistent program which will only be insured when, in so far as practicable, the best scientific brains of the nation are employed.
4. The Army Security Agency employs about 750 research and development personnel in grades ranging up to P-8 and was authorized approximately \$3,000,000 for research and development during Fiscal Year 1948. The establishment of a position in the professional and scientific service as authorized by Public Law 313 would assist the Army Security Agency in insuring continuity of necessary research, efficient supervision of research contracts with outside agencies, and the existence of an effective scientific nucleus for expansion in event of national emergency.

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5. Request allotment to the Army Security Agency of one position from the group authorized the Department of the Army by Public Law 313.

COPY

WAR DEPARTMENT  
POSITION DESCRIPTION  
FIELD SERVICE

3-7-47

1. POSITION NO.

DGR-1

2. INSTALLATION

Army Security Agency

5. TITLE

Chief, Communications Research

6. SERVICE

P

7. SERIES

1318

8. GRADE

8

9. NO.

O-S-129

Res. Anal.

3. POSITION LOCATION

Chief, Communications Research Section

10. SIGNATURE OF ANALYST

*Leslie H. Crawford*

11. DATE (Crypt.)  
ALLOCATED

12. ADDITIONAL IDENTICAL TO THIS POSITION

4. DUTIES AND RESPONSIBILITIES

PERCENTAGE OF  
TIME ON  
EACH TASK

As Chief of the Communications Research Section serves as technical advisor to the Chief, Army Security Agency and ASA Staff, on all technical operations of the agency, on organization of world-wide coverage pertaining to cryptographic and cryptanalytic activities.

Utilizes a wide knowledge of communications intelligence as employed by Army, Navy, State Department and other agencies of the U. S. Government in order to maintain and develop procedures and techniques which have a bearing on Army Security Agency policy. Acts as coordinator for ASA in the collection, evaluation, and dissemination of pertinent information in the field of cryptology.

Serves as chairman of Army-Navy Cryptanalytic Research and Development Committee, and as representative of the Chief, Army Security Agency, participates in technical discussions and acts as technical advisor to such committees. Occasionally serves as a member of special Army-Navy Committees dealing with cryptologic subjects, such as special or ad hoc committees appointed by Joint Communications Board or the Joint Chiefs of Staff.

Organizes and administers special duties assigned by the Chief, Army Security Agency, such as the Second International Conference on Japanese Army Communications (of which he acted as chairman) Ticon Committee, and acts as technical advisor on tours of visiting personnel such as the Chief of Staff and Director of Intelligence. Makes special reports on technical subjects as designated by the Chief, ASA, coordinates, reviews and makes recommendations to the Chief, ASA on documents requiring analysis and action.

Maintains close contact with publications sections engaged in the drafting of cryptologic publications including training manuals, technical pamphlets etc. Gives advice in the formulation of policy governing training publications and doctrines and in the publication of training publications for Army Extension Courses; serves as Chairman of the Terminology Committee and formulates policy governing cryptologic terminology for the Army Security Agency. Reviews final drafts of all new cryptologic

## DUTIES AND RESPONSIBILITIES (Continued)

PERCENTAGE OF  
TIME ON  
EACH TASK

publications.

Maintains close contact with all historical activities of the agency; confers with and advises personnel assigned to historical activities within the Operating Divisions; personally directs the work of the Historical Unit, ASA and maintains direct liaison with other historical agencies of the War Department.

Makes recommendations for the formulation and execution of the ASA Public Relations Program.

As technical expert on cryptologic matters, makes occasional trips abroad as consultant for ASA and as directed by the Chief ASA.

THE ABOVE DUTIES AND RESPONSIBILITIES ARE APPROVED.

SIGNATURE OF OPERATING OFFICIAL

13. TITLE AND GRADE OF IMMEDIATE SUPERVISOR OF THIS POSITION

Commanding Officer, ASA

14. TITLES, GRADES AND NUMBER OF EMPLOYEES SUPERVISED BY THIS POSITION

1 Research Analyst, P-6

## POSITION AUDIT

DATE							
ANALYST							