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SPSAP

2 February 1945

MEMORANDUM for Colonel Corderman.

THRU: Chief, Security Division.

Subject: Summary of Activities of "A" Branch for 16 January - 31 January 1945 Inclusive.

1. Total strength for "A" Branch - 17 officers, 20 enlisted WAC, 4 enlisted men and 89 civilians. Authorized strength - 15 officers, 20 enlisted WAC and 104 civilians. Gain - 1 officer and 1 civilian.
2. This Branch has submitted a revision of all security teams in T/O & E 11-500. These revisions were based upon signal unit survey reports of units in training in this country, comments from these companies, special lists of equipment that have been published to augment the authorized equipment, etc. The major changes consisted of adding more operators where necessary, adding more maintenance men and specifying that the maintenance teams are to perform 3rd Echelon repair and maintenance.
3. Production of AN/CRT-2, expendable parachute-lowered jammer, has now begun, after considerable delay. 600 units are forecast for February, and deliveries are expected to begin about 15 February. It is anticipated that the complete production of 8000 will be finished about 1 November 1945.
4. Development of AN/PRT-1, expendable hand-planted jammer, is nearing completion. Action has been initiated to have this equipment classified as limited procurement type, and request has been made that 5500 be procured immediately to fill theater requests.
5. In anticipation of requirements for equipment to be used in countermeasures against enemy proximity fuses and enemy attempts to jam our fuses, procurement of the following equipments has been requested: 100 each radio receiver AN/APR-4, with one test oscillator TS-47/APR per two receivers; 100 each power unit PU-6/TFS; and 50 each power unit PU-9/TFS. It is anticipated that these already available equipments will be suitable for inclusion in crash-produced direction finding and jamming sets.
6. A member of this Branch attended the meetings of the Joint and Combined Countermeasures Committees. Effort is being made to have the Army Ground Forces represented on these two Committees. It is believed that part of the Army Ground Forces' reluctance to use radio countermeasures is due to a lack of proper understanding of the capabilities of radio countermeasures. It is believed that Army Ground Forces' participation in the Joint and Combined Countermeasures Committees will serve to heighten their interest and give them a proper understanding of this field.

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7. The personnel of this Branch has been augmented by the assignment of 2d Lt. Jack E. Smith, O-522826. Lt. Smith was a student in the last course of countermeasures instruction in which this Branch participated. Due to his limited service classification, he could not be sent overseas with the rest of that group of students. This Branch is particularly fortunate in securing an officer who has had such excellent training in radio countermeasures prior to his assignment to this Branch. Lt. Smith has been assigned to duty in the Intelligence Section, and will help in the correlation and distribution of intelligence material.

8. The Chief of this Branch is on temporary duty, at the request of General Stoner, for the purpose of conducting traffic analysis surveys at certain specified points. Other members of this Branch are making a coordinated traffic analysis of radio traffic to and from the designated points, in conjunction with the study being conducted by Major Hines. The results of the foregoing studies are being made the subject matter of a daily report to General Stoner.

9. A traffic analysis officer (Lt. H.K. Landry) is on temporary duty with the 20th Air Force, on an extended trip of approximately 30 days, for the purpose of conducting a study of 20th and 21st Bomber Command radio traffic within the area of operations of the two Commands. Instructions and briefing were given this officer prior to his departure by Joint Security Control. This officer will also attempt to complete arrangements within the two Commands for the preparation and forwarding to Signal Security Agency of daily radio traffic reports such as those now received from other theaters.

10. A member of this Branch has attended several conferences with representatives of Navy, Army Air Forces, 20th Air Force, Marine Corps, Tenth Army and Joint Security Control, for the purpose of preparing certain basic strategic deception activities which must later be coordinated in detail among the theaters concerned.

11. A member of this Branch met with representatives of Navy and Marine Corps for the purpose of discussing a need for Joint Army-Navy training in strategic and tactical radio deception. Effort is being made to have Marine Corps represented on Joint Security Control. It was decided that Signal Security Agency would, within the limitations of personnel and equipment, train Naval and Marine Corps officers in joint strategic radio deception. No satisfactory arrangements were completed for the training of Army, Navy and Marine Corps officers in tactical radio deception, due to limitations in personnel and equipment. The training of Marine Corps officers will begin on or about 12 February 1945, with 6 Marine Corps Majors attending the first course.

12. The work on the special report to Joint Security Control on tactical radio deception is progressing satisfactorily. This report is being prepared in two forms: one, in technical detail, for the information and action of Signal Officers and tactical radio deception officers within the theaters and the other, less technical and less detailed, for the Commanding Generals, Staffs

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and G-3 officers in the various theaters.

13. A member of this Branch conducted discussions with Military Training Branch representatives concerning the specification number for enlisted radio deception personnel. The re-drafted specification has been approved by Military Training Branch, and is now being processed through Army Service Forces and WDGS. In this connection, discussions were also held with representatives of G-2 and OPD, requesting their assistance in obtaining approval for the specification.

14. Discussions have been held by a member of this Branch with Col. S.S. Lamb, Communications Officer, 20th Air Force, and at his request, attempt is being made to inform him in advance of dates and possible targets of B-29 raids by the 20th and 21st Bomber Commands. At the present time, information concerning radio traffic is not obtained at a time sufficiently in advance to forecast a raid. Efforts are being made to obtain this radio traffic and to process it for analysis on the same day that it is transmitted, so that the predictions can be made in advance, as requested.

Jack G. Hines,  
Major, Signal Corps.

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