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EDIC/ID-33
Control No. 463957
27 August 1957

MEMORANDUM FOR: Economic Defense Intelligence Committee

FROM : Chairman, EDIC

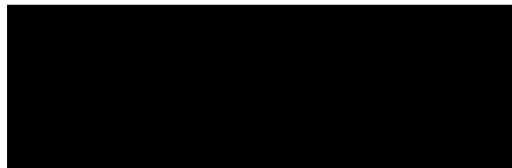
SUBJECT : Report of Combined EDIC Working Group and
Technical Task Group on Radio and Tele-
vision Transmitters

REFERENCE : EDIC Case No. 22 (Revised), Confidential

Attached is copy of EDAC Working Group I D-67 of 25 April 1957 which inadvertently was not distributed to EDIC members at the time dissemination was made to EDAC WG I. We assume this report may satisfy the requirements of EDIC Case No. 22 (Revised) on Radio and Television Transmitters.

If the Executive Secretary is not notified to the contrary by c.o.o.b. 6 September 1957, EDIC Case No. 22 (Revised) will be considered closed.

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Chairman

Attachment:
WG I D-67

Distribution:
Cat. B (1-11)
D (ALL)
EDIC WG I

DOC Exempt Letter On File

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WG-I D-67

April 25, 1957

EDAC WORKING GROUP I, International Export Control Systems

TO : Chairman, WG-I
FROM : Department of Commerce Member
SUBJECT: Report of Combined EDIC WG and Technical TG on
Radio and Television Transmitters

Attached is report of the combined EDIC Working Group and Technical Task Group on Radio and Television Transmitters in response to assignments from EDIC and WG-I.

This report, prepared by the Chairman of the combined group, reflects the discussions of the group and was cleared by the participants.

In brief, the report indicates that the review has not been productive of any substantive recommendations, other than an Air Force proposal for the modification of IL 1519 which is still under study and on which a further report will be rendered. The military agencies who have the primary responsibility for developing definitional recommendations in this commodity sector are understood to be satisfied with the coverage provided by the current security list definitions.

The report concludes, therefore, that this assignment should be considered as completed. This would not, however, preclude further examination of this commodity sector by our technical experts when and as it may appear appropriate in line with the principle of maintaining continuing review of security definitions and lists.

Attachment:

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WG I

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BUREAU OF FOREIGN COMMERCE

FC-2620-JRC

April 12, 1957

THE EDIC WORKING GROUP ON RADIO AND TELEVISION TRANSMITTERS

Members:

25X1A9a Mr. John R. Collins, BFC (Chairman)
25X1A9a Mr. James A. Ageraborg, AFOIN
Mr. Kenneth P. Patterson, SCIA
CIA
CIA
Mr. Oliver D. Watson, ACSI
Mr. John G. Oliver, State
Lt. William H. Dana, ONI
Mr. Donald S. Parris, EDSA
Mr. E. MacDonald Nyhen, EDSA
Mr. Lionel W. Hirschhorn, AFOIN
Dr. Edgar T. Martin, USIA
25X1A9a CIA (Secretary)

Subject: Report of EDIC Working Group on Radio and Television Transmitters

The attached report covers the activities of the EDIC Working Group in response to EDIC Intelligence Request No. 24 and related documents. It will be presented to EDIC and EDAC Working Group I in its present form unless changes are recommended. Members are requested to contact John Collins (Code 164, Ext. 4263) no later than April 19, 1957, to make any corrections or additions to this report.

Attachment

/s/ John R. Collins, Chairman
EDIC Working Group on
Radio & Television Transmitters

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REPORT OF EDIC WORKING GROUP ON
RADIO AND TELEVISION TRANSMITTERS

- Ref: (1) EDIC Intelligence Request No. 24, 4 June 1956
(2) EDIC Case No. 22 (Revised), 21 June 1956
(3) EDIC/AM-23, 22 June 1956
(4) WG I M-29, 22 June 1956

INTRODUCTION

1. The reference documents concern an EDIC/WG I request for the following:
 - a. A product study of military applications of television and of new techniques incorporated in commercial radio and television broadcast equipment which may be of military importance.
 - b. An intelligence study of the current status of Bloc technology in radio and television, with particular reference to items disclosed by the product study.

The EDIC proposed that these studies be used to review the adequacy and clarity of the existing International List definitions of transmitting equipment and related items.

2. A task group was convened to consider these problems. Members were requested to utilize the facilities of their respective agencies in order to obtain a list of products recommended for study, and all available information on Soviet Bloc capabilities and deficiencies.

CONTRIBUTIONS

3. The following response to the foregoing request was received:
 - a. The Signal Corps Intelligence Agency submitted two intelligence studies as follows:

- (1) Analysis of Soviet and Satellite Potential for Manufacture of High-Power Transmitters (S-66-55)
- (2) Sino-Soviet Bloc Microwave Systems (c) (S-120-56)

Their representative reported that a heavy work schedule prevented any further effort at that time.

- b. The representative of the Office of Naval Intelligence stated that his agency believed the situation had not changed sufficiently in the past two years to warrant a new review of the transmitter situation. He indicated that a number of priority assignments were in process and that only the most urgent reasons would justify a new review of transmitters at that time.

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c. The Air Force Office of Intelligence submitted a memorandum stating that it considered the items presently contained in Item 1517 of the International List to be realistic and to aid in denying the Soviet Bloc advancements made in Western radio and television equipment. It recommended, however, that the following two items be added to the present embargo list:

- (1) Light weight television cameras and transmitters packaged in small units capable of being installed in aircraft.
- (2) High speed keyer and teleprinter equipment operating in excess of 100 words per minute.

SUMMARY OF RESULTS

4. The two reports submitted by the Signal Corps Intelligence Agency are a detailed compilation of all information available at the time (1955 and 1956) on Soviet and satellite equipment and potential in the fields of high-power radio transmitters and microwave systems. It is evident that these reports result from a careful study and evaluation of intelligence materials over a considerable period and at the expense of many man-hours by professional intelligence personnel. These reports do not show any marked or demonstrable Soviet Bloc deficiencies in types of transmitters not presently covered by the International List. The unwillingness expressed by the Signal Corps Intelligence Agency to pursue the investigation further at this time would appear to indicate satisfaction with the present definition. The Office of Naval Intelligence also indicated that the situation had not changed sufficiently since the previous review to justify any further effort at this time.

5. After an intensive review of new developments, which involved overtime work on the part of intelligence personnel, the Air Force Office of Intelligence suggested two items for inclusion on the embargo list. The first, television cameras and transmitters for installation in aircraft, would appear to be already covered by Item 1501. The second, high speed teleprinter equipment, is only indirectly related to the problem at hand, and should properly be considered in a review of Item 1519. The change could be accomplished, if it is deemed advisable, by revising Item 1519 to read "any speed greater than 100 words per minute," instead of the present 200 words per minute.

CONCLUSION

6. The justification for recommending the proposed increased coverage for Item 1519 is being further explored and a report will be submitted when all relevant facts are known.

7. Otherwise, it appears that this assignment should be considered closed. The Task Group has no method of collecting intelligence information except as it is supplied by the various intelligence agencies. These agencies have indicated they are unable to devote further effort to this assignment. Furthermore, the military agencies, which should be in the best position to suggest strategic items not covered by the present security list definition, have expressed satisfaction with the present definitions. It therefore seems most unlikely that any new information will be developed by the present Task Group.

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TASK GROUP

8. The participating members of the EDIC Working Group on Radio and Television Transmitters are addressees listed in the Chairman's covering memorandum.