

Office Memorandum • UNITED STATES GOVERNMENT

TO : R. T. Harbo *RH*

DATE: December 2, 1952

FROM : I. W. Conrad *IWC*

JUNE

SUBJECT: ~~RUSSIAN MICROPHONE DEVICES.~~
~~IN U.S. EMBASSIES ABROAD~~
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Tolson	_____
Ladd	_____
Nichols	_____
Belmont	_____
Clegg	_____
Glavin	_____
Harbo	_____
Rosen	_____
Tracy	_____
Laughlin	_____
Mohr	_____
Winterrowd	_____
Tele. Rm.	_____
Holloman	_____
Gandy	_____

SUMMARY:

The President directed the FBI to handle technical aspects of a microphone device found in the American Embassy in Moscow. FBI Laboratory report dated December 1, 1952, recommends specific countermeasures equipment to interested agencies based in part upon Naval Research Laboratory work but FBI does not at present have any complete equipment of this type. We have need for it and requests will probably be received from the White House or others for help as in the past. Equipment will be in great demand within the next few days so telephonic request for the equipment should be placed immediately.

DETAILS:

Our Laboratory report on this matter states that specific equipment may be used for countermeasures by an interested agency; however, if the White House asks us to search for microphone devices, we have at present only part of the necessary equipment which we recommend that other agencies obtain. In this connection, we already have received a memorandum from Mr. Ezell to Mr. Branigan, dated November 20, 1952, suggesting search of FBI offices for such hidden devices.

Bureau Laboratory men have built two suitable receivers but signal generators are needed to complete the immediate interim equipment. It is believed that immediately upon release of the FBI report the supplying company for such generators will be flooded with orders from other agencies.

General Radio Company has two oscillators with a common power supply which are the most suitable units to supplement our present equipment on an interim basis. A third oscillator unit is needed to give full frequency coverage and it is being covered

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by a separate memorandum. Upon receipt of these three oscillators, we would have substantially the same search equipment as that furnished to the State Department by NRL.

Quantity procurement of countermeasures equipment by interested agencies will be considered upon release of the FBI Laboratory report, but such equipment would not be available for some months.

3-4 months { This project has moved so rapidly from the technical aspect that it now appears that greatly improved countermeasures transmitters may be developed; however, this requires equipment inquiries and development work that will take time and it is being handled separately.

In view of the imminent release of the FBI report, General Radio Company, Cambridge, Massachusetts, should be requested to furnish the following as soon as possible:

Two each 1208A oscillator @ \$190.00
Two each 1209A oscillator @ \$235.00
Two each 1203A power supply @ \$47.50

The total cost is \$945.00. 471.10

RECOMMENDATION:

It is recommended that the Bureau immediately place a telephone order with the above company for earliest possible delivery of the above equipment.

If delivery cannot be made from stock or within the immediate future, the company should be asked for alternate suppliers who could furnish the equipment more expeditiously.