

INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

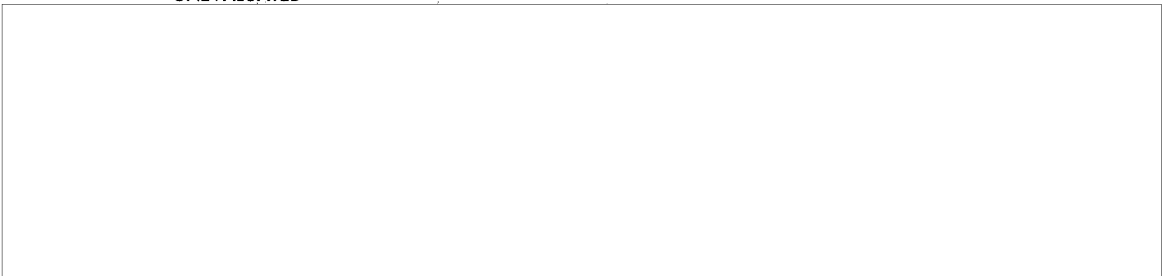
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CONFIDENTIAL**TELECOMMUNICATION FACILITIES IN BUCHAREST,
RUMANIA (U)****Introduction**

This report contains fairly detailed information about the Central Post Office, the telephone exchanges, the television station, and a short wave jamming station, all in BUCHAREST. It includes their locations, descriptions, employee count, and equipment.

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1. Central Post Office (See Item 1, Annex A.)

The facility was at Calea Victoriei, together with the office of the Ministry of Transportation and Communications, the Offices of Postal and Telecommunication Administration Installation and Telegraph Services, a telephone exchange, and a control laboratory for electronic measuring devices. In addition there were living quarters for students of the Postal Institute in the building. The total laboratory employee force was approximately 15 engineers and technicians.

The International Postal radio transmission facility of the Rumanian Post was in the vicinity of Grivita Rosie.. Its call sign was YOA, and it transmitted on 9027 KC/S with a 9 KW output. The International Postal radio receiver station was at the corner of Calea Varesti and Soseaua Octenitsa (see Item 2, Annex A). The equipment consisted mainly of Redifon (UK), National HRO and Hammarlund Sp/600J (USA) and several Tesla Lambda (Czechoslovak) receivers.

2. Telephone Exchanges

There were seven telephone exchanges in BUCHAREST, Rumania, and all were automatic dial exchanges, using American (IT&T), and German (S&H, AEG) telephone equipment.

3. Television Station (Item 1, Annex E)

The two top floors (14th and 15th) of the central portion of the Casa Scintei building housed the Bucharest TV station transmitter equipment. The equipment was of Soviet origin and had a power output of 60 KW for video and 10 KW for audio. It operated in Band II.

The station occupied two rooms approximately 10 x 7 m on the 14th floor. The transmitters with the central control console were in one room, and the transmitter control panels were in the other. The power supply for the station was provided by a direct power cable from the power distribution station, Grozavesti.

The antenna filters and other auxilliary equipment, such as air ventilators and cold water circulation pumps, were on the top floor.

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The parabolic antennas (Item 2, Annex E) placed on each corner of the TV transmitter buildings received TV programs relayed to the transmitter station from mobile TV units and from the TV studio in case of trouble in the coaxial cable from the studios. The four antennas could be rotated remotely from the control console to insure maximum reception. There were two concert halls, the Palace and the Antheneum, in BUCHAREST which had fixed transmitting antennas on the roof to be used for TV transmission of live broadcasts of concerts and operas. For sport events, the TV station had a mobile unit which transmitted to one of the four antennas on the roof of the TV transmission station.

The TV studios were near the Floreasca quarter (Item 3, Annex E) and were connected by coaxial cable to the TV transmitter station. The cable lead directly to the control panels of the transmitters.

The TV studios were in former film studios and could produce live or taped programs. The equipment was mostly of Soviet origin. A film laboratory at the studio developed and prepared films for the daily news reports on TV.

Personnel were on duty 24 hours per day to assure proper operation of the station. Even though the program was on for only a few hours each day, the equipment was kept in such a state of readiness that it was possible to go on the air within minutes.

4. Short Wave Jamming Station (Item 4, Annex E)

The jamming station was in the old depots of the Ministry of the Post on Soseaua Magurele. It was the only jamming station in BUCHAREST, and all jamming was accomplished from this station with approximately 24 transmitters. The transmitters were slightly modified 800 watt Lorenz equipment. The modulation was accomplished ~~directly at the grid of the final stage of the transmitter.~~ The modification of the transmitters was accomplished at the Institute of Electronics Research under the direction of Engineer Constantin SOLTUZ.

The new antenna construction was done by Engineer Romulus ZARONI and the mode of modulation by Professor G. CARTIANU. The frequency meter used in this station was an American model BC 221 (World War II US Military Equipment), which was also modified through the use of a stabilizer using a VR 105 tube.

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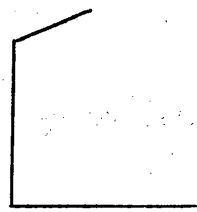
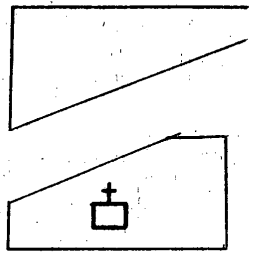
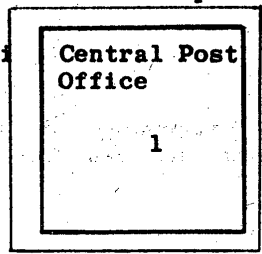
Annex A

LOCATION OF CENTRAL POST OFFICE AND INTERNATIONAL RADIO RECEIVING STATION, BUCHAREST

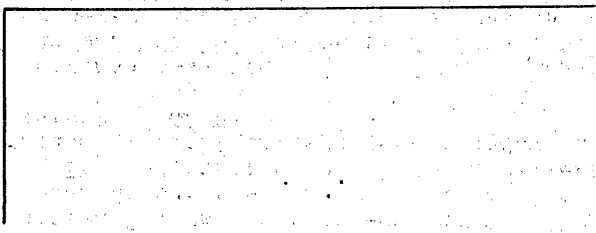
Casa de Depuneri

Calea Victoriei

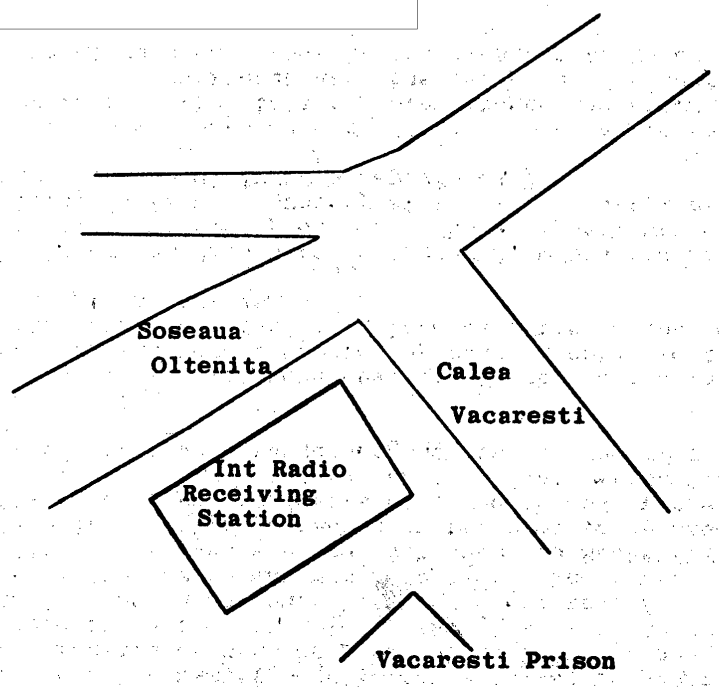
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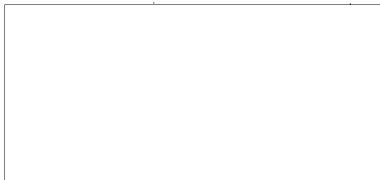


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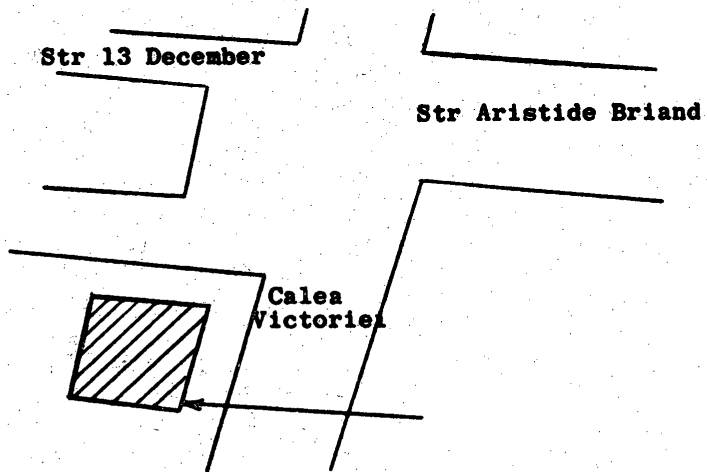
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Annex B

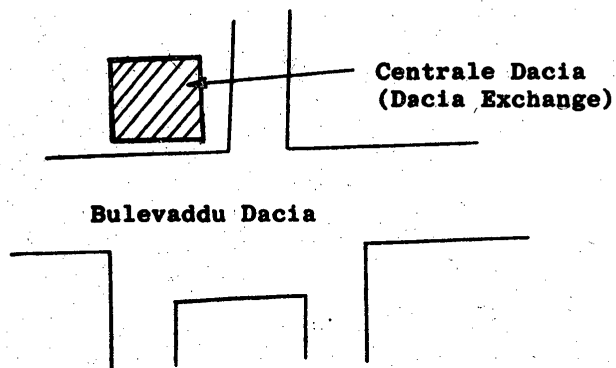
TELEPHONE EXCHANGE IN BUCHAREST

Exchange Nr 1



Exchange Nr 2

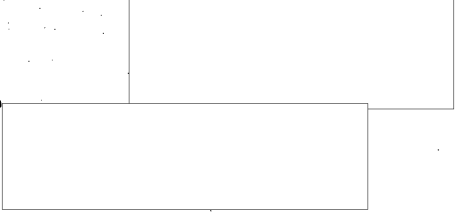
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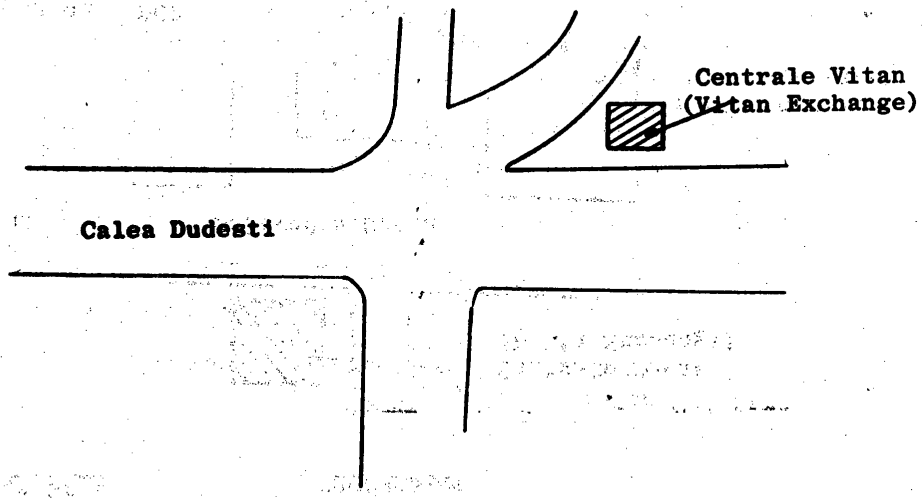
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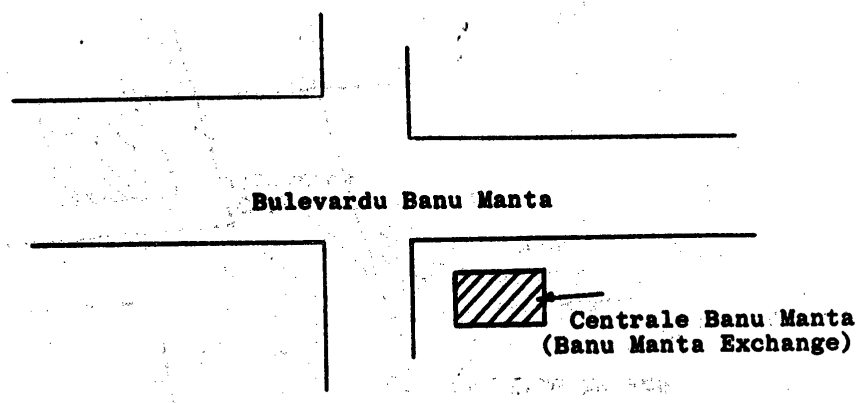
Annex C

TELEPHONE EXCHANGES IN BUCHAREST

Exchange Nr 3



Exchange Nr 4



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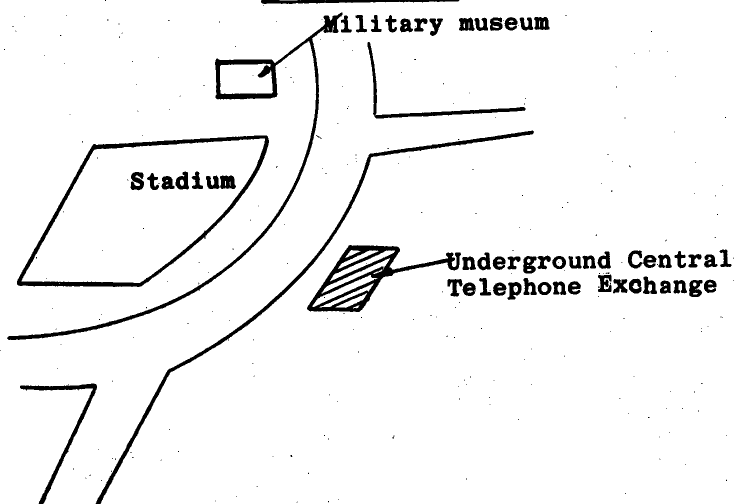
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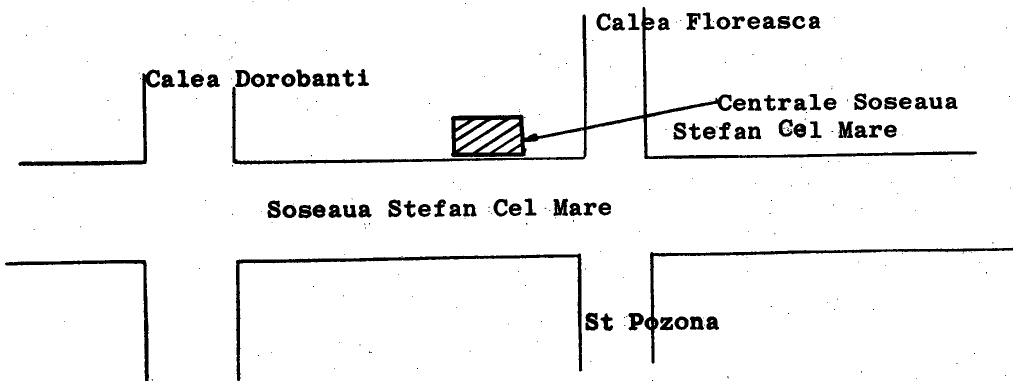
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Annex D

TELEPHONE EXCHANGES IN BUCHAREST
Exchange Nr 5



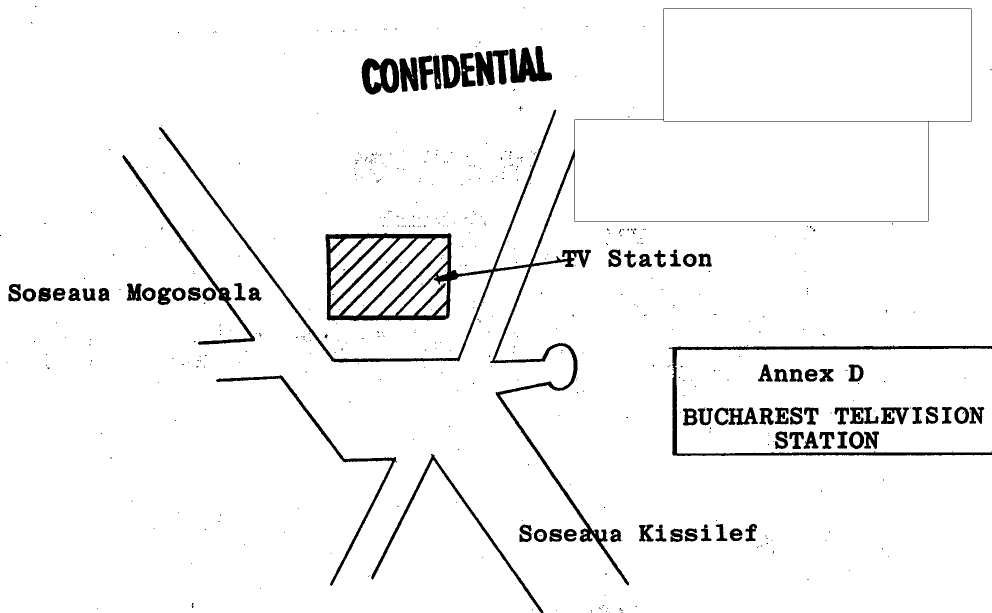
Exchange Nr 6



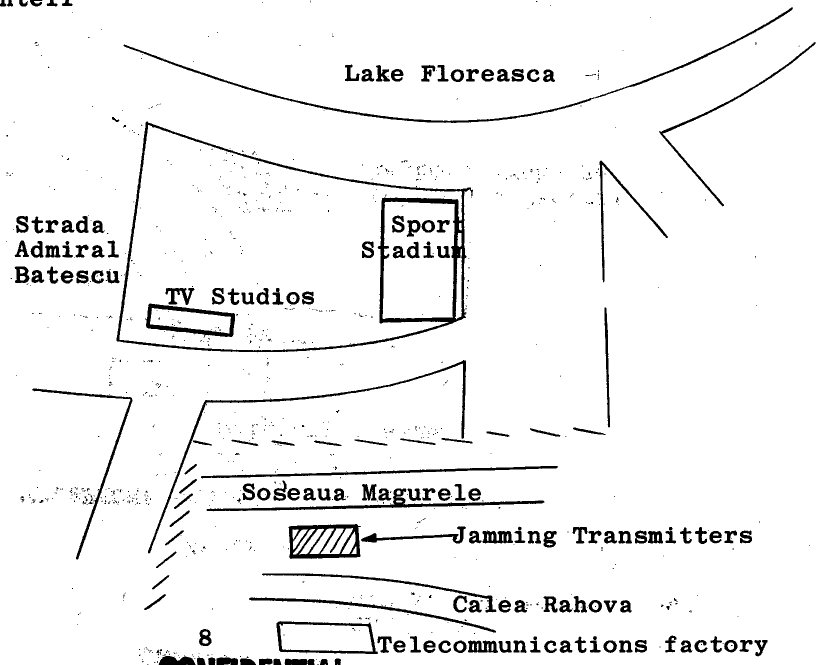
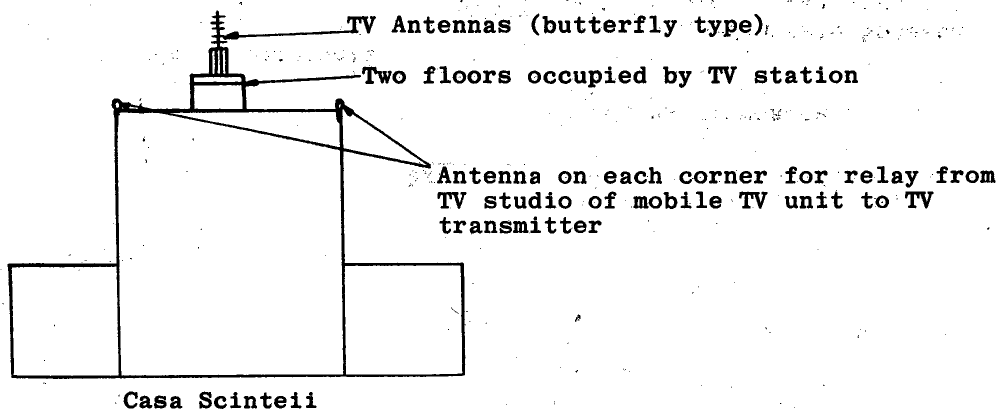
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**Annex D
BUCHAREST TELEVISION
STATION**



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