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JFK Assassination System
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OPTIONAL FORM NO. 10

UNITED STATES GOVERNMENT

Memorandum

TO : Director, FBI (92-2781)

DATE: 1/10/62

FROM : SAC, Tampa (66-231)

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~~SECRET~~

JUNE

SUBJECT: SANTO TRAFFICANTE, JR., aka
AR

12-7-95
Classified by SP8MAC/HSC
Declassify on OADR
JFK

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 10-26-97 BY SP8MAC/HSC
(JFK)

JOSEPH RAYMOND DIEZ, aka
ITWP

ReBuairtel captioned "SANTO TRAFFICANTE, JR., aka.,
AR," 12/4/61.

Enclosed is a cable print and a print of a connector
circuit.

The cable print entitled "PL 6x-1033 MDW wire to
serve area adjacent to 50th St. & Puritan Rd." covers the
area in the vicinity of the home of JOE DIEZ. This cable
from the intersection of 50th St. and Puritan Road was
installed when service was requested by DIEZ for his new
home, which is located at the end of this cable. The cable
was installed in order to provide spare pairs to the subject's
home for possible use of the FBI. The installation is a com-
pletely normal installation inasmuch as this area is an open
field and it would seem logical that more construction would
occur in the area. Old wiring to the EARL DIEZ residence and
the residence of FRANK A. GONZALES was replaced by this new
construction and they are served from this same cable. EARL
DIEZ is a brother of JOE DIEZ, and FRANK A. GONZALES is married
to their sister CONCHITA. The entire open field is owned by
members of this family.

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A plant site has not been selected. A residential
area exists in the general area of 50th Street and Puritan
Road. Some houses have been available in this area and it is
contemplated that any plant site would be located in this general
area provided the installation could not be covered from the
office of the FBI.

A measurement of the resistance needed to bring up
dial tone on the party line which was to be assigned to the
subscriber was made at the intersection of 50th Street and

2 Bureau (RM) (enc. 2)
1 Tampa
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TP 66-231 (S)(U)

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Puritan Road, shown on the cable diagram. The outlet box was located on a telephone pole at this location.

The print of the connector circuit entitled "CONNECTOR CIRCUIT local & toll - 2 digit - terminal per station - controlled ring" is the print of connections in the company which would be associated with the subscriber's telephone.

Regarding tests previously made to determine resistance which would bring up dial tone, these tests were made on a party line. The telephone company was able to upgrade the subscriber's service and he was placed on a private line as a result of the new cable installation. Instead of the USC type 80 telephone, a white Starlite telephone with extension bell was installed for the subscriber. The bell rings on a frequency of 30 cycles at 130 volts. An emergency power failure generator would furnish 120 volts at 30 cycles to this telephone.

This change to private line service would make necessary a recheck of the resistance needed to bring up dial tone. It is noted, however, that the new [SPMT] device (S)(U) which can be installed in the subscriber's home, recently developed by the FBI Laboratory, would make further resistance measurements unnecessary. It is believed that installation of this device in the subscriber's home other than in the telephone will be more practical in view of the limited space available in the Starlite telephone and because the subscriber has several telephone outlets in his home where connecting wire would be available.

Tests to determine the effect of connecting a 3,000-ohm resistor across the subscriber's line were made on both party lines using the HSC type 80 telephone and the Starlite telephone with extension bell. The test on the HSC type 80 telephone revealed that the 3,000-ohm resistor made a very noticeable change in the ringing sound of the telephone. The ring sounded muffled. It made no noticeable change in the level of the talk or listen current at the subscriber telephone or at the calling party telephone. The same test on an installation where the Starlite telephone and extension bell were used made no noticeable difference in the ringing or in talk or listen conditions. It is felt that the new [SPMT] device would be ideal for use with the HSC type 80 or the Starlite telephone as compared to the [SPMT] previously available. (S)(U)

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With regard to information requested in referenced communication, information has been obtained as follows:

The normally closed ringing relay that will respond to the ringing frequencies of the lines involved is the "D Relay" available through the Automatic Electric Company.

The ringing voltage is 130 volts, as stated above, with 120 volts available under emergency conditions. Ringing frequency is 30 cycles.

The talk voltage is 48 volts with the operating current dependent upon resistance in the circuit. It was calculated that the current at the subscriber's line would be about 54 ma depending upon the position of the carbon granules in the microphone. Actual operating current for the subscriber's line was not available, but measurements made on a similar line under actual conditions revealed a 40 ma current when the handset was removed from the hangup position.

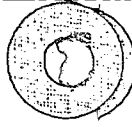
The two HSC type 80 telephones previously submitted to the Bureau should not be altered and should be returned to the Tampa Division for return to the telephone company after the FBI Laboratory has examined the telephones and made tests for possible RFMT use as was previously requested. ~~(S)~~(u)

The telephone number assigned to the subscriber is WE 8-1209, working out of a substation in Temple Terrace, Florida.

Investigation is continuing in this case in the Tampa Division.

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DATE: 11-14-2017



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SAC, Tampa (66-231) (u)

January 26, 1962

REC-58

Director, FBI (92-2781) - 427

~~CONFIDENTIAL~~

SANTO TRAFFICANTE, JR., aka.
AR

JOSEPH RAYMOND DIEZ, aka.
ITWP

JUNE
DECLASSIFIED BY 5608 SLB/mde
ON 9/2/98 (JFK)

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DATE 10-26-98 BY SP8 MAC/KSR
(JFK)

Reurlet 1/10/62 and Buairtel 12/4/61 in captioned matter.

The Automatic Electric Manufacturing Company telephone instruments furnished by your office, as well as "Starlite" instruments produced by this company, do not respond to the [RFMT] technique. Laboratory tests also show that these instruments can be activated for both [Single-Pair Microphone-Telephone (SPMT) and Microphone-Telephone (MT)] installations; however, the instruments are not as responsive to these techniques as the instruments manufactured by Western Electric nor as effective as the [electronic switching] technique described in Buairtel 12/4/61.

The [SPMT electronic switching] technique employs the same wiring plan at the monitoring point as that used by the standard [SPMT unit]. From a review of the cable plan submitted with your letter of 1/10/62 it is assumed that the cable described in cable plan PL6X-1933 is a 6-pair, 19 gauge, Multi-pair Distribution Wire which connects to the feeder cable at 50th Street and Puritan Road. If this is the case, it will be to the Bureau's advantage to locate a plant in close proximity to this point so as to reduce to a minimum the wire which will be added to the subscriber's transmission loop as a result of the insertion of the [SPMT switching] unit.

It is possible to put the [electronic switch, microphone and amplifier] in a "Starlite" telephone instrument. If you desire to have one of these instruments altered to include the switch, microphone and

- Tolson _____
- Belmont _____
- Mohr _____
- Callahan _____
- Conrad _____
- DeLoach _____
- Evans _____
- Malone _____
- Rosen _____
- Sullivan _____
- Tavel _____
- Trotter _____
- Tele. Room _____
- Ingram _____
- Gandy _____

1 - Mr. Evans (Attention: Mr. Sheridan)

SEE NOTE PAGE TWO

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6 APR 27 1962

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2-7-98 (JFK)
Classified by SP8 MAC/KSR
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JAN 26 1962

DATE: 11-14-2017

Letter to SAC, Tampa
 RE: SANTO TRAFFICANTE, JR.
 Bufile 92-2781

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amplifier,] you should furnish the Laboratory with the instrument allowing at least one week for modification and testing the unit before returning the instrument to your office. (S)(u)

The Laboratory will furnish you with two electronic switches, each complete with an amplifier and a microphone and in addition, two [SPMT switching] units and special relays to open the audio path when the line is used for telephone conversations. (S)(u)

The telephone instruments previously submitted to the Laboratory are being returned via registered mail.

In the event your survey indicates that a MISUR can be securely installed, you should submit a request for installation authority.

NOTE: Tampa has authority to conduct MISUR survey on subjects in captioned case. They proposed the use of [RFMT] type of coverage, but Laboratory tests indicate that telephone sets used for subjects cannot be activated by [RFMT] unit. Tampa next considered [SPMT] type of installation. Laboratory questioned effect of such a low value of jumper resistor, required for this type of installation, should have on ringing of telephones in the area. Tests in Tampa substantiated Laboratory theory re effect on ringing. Tampa advised of [electronic switch circuit] and now desires to explore this technique. (S)(u)

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