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Reported Survey of DOD for Non-Foreign Intelligence Activities

D/ORD

ORD-2328-73

DATE
9 May 1973

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15.	D/ORD	DATE		OFFICER'S INITIALS	COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment)
		REMOVED	FORWARDED		
	DDS&T				<p>to 3 This is a revision which can't be carried to me with the request of you & DCT now</p> <p>2-3: This is a... you... return... that... DCT</p>
	Mr. Colby		5/14		
	3	5/14			
	DCT				

00227

ORD-2528-73

7 MAY 1973

MEMORANDUM FOR: Deputy Director for Science and Technology

SUBJECT : Repeated Survey of ORD for Non-Foreign Intelligence Activities

The 7 May survey has been repeated and refined with respect to all ORD services or dealings with other agencies on domestic, non-foreign matters. In addition, this report covers all our activities dealing with the research and development of intelligence equipment for foreign use which has been tested in the United States and might have collected domestic information. Again, each member of ORD available today was asked either directly or through his supervisor to provide the above requested information, whether he was directly involved or not. We have used all diligence to search our records available to us during this time period to ensure this is a complete and factual list.

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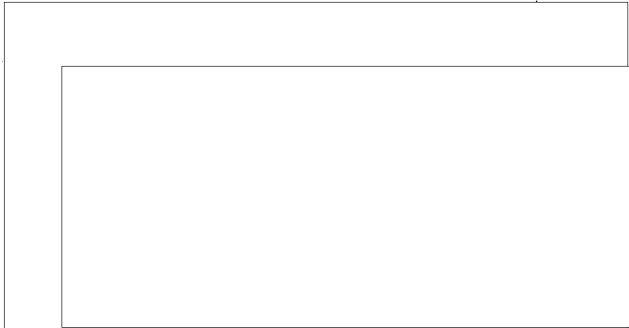


~~Sayre Stevens~~
Director of Research & Development

Attachments:

- 1 - Contacts with Other Government Agencies
- 2 - Domestic Tests

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WARNING: THIS IS
SENSITIVE INFORMATION RE SOURCES
AND METHODS INVOLVED

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CONTACTS WITH OTHER U.S. GOVERNMENT AGENCIES WHICH
COULD OR HAVE RESULTED IN USE OF CIA-DEVELOPED
TECHNOLOGY IN ADDRESSING DOMESTIC PROBLEMS

Executive Office of the President

ORD represents DD/S&T on the R&D Sub-Committee
of the Cabinet Committee for International Narcotics
Control that is concerned with research support of
the narcotics control problem.

(Dr. Leonard Laster, OST)



(b)(3)

Office of Telecommunications Policy

Technical surveillance countermeasures and
physical security information was exchanged with
them.



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Bureau of Narcotics and Dangerous Drugs (BNDD)

Techniques and equipment for navigation and
tracking was discussed with BNDD.

(Mr. Charles Gaskin, BNDD)



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BNDD)



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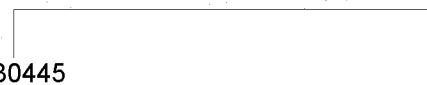
Audio tapes were processed to improve their
intelligibility. The source of the tapes was unknown.

(Mr. Charles Gaskin, BNDD)



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SUBJECT: Contacts With Other U.S. Government Agencies Which Could or Have Resulted in Use of CIA-Developed Technology in Addressing Domestic Problems

BNDD (cont'd)

BNDD was given permission in the fall of 1972 to receive proposals from Aerospace, Inc., concerning a Radar People Detector developed for ORO.

(Mr. Charles Gaskin, BNDD)

[Redacted]

(b)(3)

[Redacted]

(b)(3)

[Redacted] OST)

[Redacted] BNDD)

USIB Technical Surveillance Countermeasures Committee

Continuing contacts were maintained with the intelligence community regarding technical surveillance countermeasures and physical security. This exchange of information, reports, and equipment has been conducted under the auspices of USIB TSCC and involves State, FBI, Secret Service, NSA, DIA, Army, AF, and Navy.

[Redacted]

(b)(3)

State Department

Two contracts for development of countermeasures techniques were funded jointly with the State Department.

[Redacted]

(b)(3)

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SUBJECT: Contracts With Other U.S. Government Agencies Which Could or Have Resulted In Use of CIA-Developed Technology In Addressing Domestic Problems

Atomic Energy Commission (AEC)

Some of the AEC Laboratories, e.g., Savannah River Laboratory, are supported by CIA to develop radio nuclide sampling and detection techniques and devices. These Laboratories have used sampling techniques developed for CIA to measure CONUS nuclear plant releases.

(Mr. B. Benson, AEC)

[Redacted]

(b)(3)

At the request of AEC Security Officer, Mr. Richard Cowan, the walls of the office of the Chairman of the AEC (then Mr. Schlesinger) were X-rayed. The operation occurred one evening and was an attempt to resolve some anomalies created by the use of the [Redacted]

(Mr. Richard Cowan, AEC)

[Redacted]

(b)(3)

Law Enforcement Assistance Agency (LEAA)

Reports and information about the ORD-developed Adhesive Restraint, Non-Lethal Incapacitation System were made available to Department of Justice, LEAA in August 1972. If they developed the system, it would be used for civilian crowd and riot control.

(Mr. Les Schubin, LEAA)

[Redacted]

(b)(3)

Technical surveillance countermeasures and physical security information were exchanged with LEAA.

[Redacted]

(b)(3)

SUBJECT: Contacts With Other U.S. Government Agencies Which Could or Have Resulted In Use of CIA-Developed Technology in Addressing Domestic Problems

Treasury

[redacted] is being detailed to Treasury Department to assist in formulating their R&D program and organization in anticipation of the establishment of the new drug enforcement administration. The request for his services was made by [redacted] the Agency's Narcotics Coordinator. [redacted] discussed the request and cleared the detailing through Mr. Colby. (b)(3) (b)(3) (b)(3)

[redacted] (b)(3)

Customs/Treasury Department

Technical discussions were held with Customs relating to detecting illicit nighttime aircraft intrusions over the U.S.-Mexico border.

(Mr. Martin Pera, Customs)

[redacted] (b)(3)

Alcohol & Tobacco Tax Div/IRS

About five years ago, assistance was requested in domestic search of "moonshine" stills using CIA infrared scanners. This was turned down.

[redacted] (b)(3)

Secret Service

We have had numerous discussions with the Secret Service regarding navigation and tracking techniques and equipment.

[redacted] (b)(3)

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SUBJECT: Contacts With Other U.S. Government Agencies
Which Could or Have Resulted In Use of CIA-
Developed Technology in Addressing Domestic
Problems

Federal Aviation Agency (FAA)

The results of our research work in the detection of metals (NOLIR) were reported to FAA for possible use in the detection of hijacker weapons.



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National Institute of Health (NIH)

At the request of ORD, OCS assigned a staff technician to undertake to write a computer program for the Wisswesser Line Notation (WLN) chemical notation method. This work was done in cooperation with NIH.

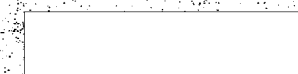
(Ms. Coniver, NIH)



(b)(3)

Arms Control and Disarmament Agency (ACDA)

LS/ORD met frequently with ACDA personnel in order to structure ORD's BW/CW research programs to support ACDA needs.



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Environmental Protection Agency (EPA)

Technical information relating to detection of radio nuclides in the environment was exchanged with them.

(Mr. Charles Weaver, EPA)



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SUBJECT: Contacts With Other U.S. Government Agencies Which Could or Have Resulted In Use of CIA-Developed Technology in Addressing Domestic Problems

EPA (cont'd)

Technical discussions relating to using IR scanning equipment to detect underground fires in a sanitary land fill have been conducted.

(Mr. Gene James, EPA)

[Redacted]

(b)(3)

Federal Bureau of Investigation

At their request, we described Imagery Enhancement techniques germane to removing distortions from some photography they had on an alleged bank robber. Request for specific support in processing the imagery was turned down.

[Redacted]

(b)(3)

Secret Service

FBI

U.S. Customs

[Redacted] total contact with other agencies in terms of assistance with domestic operations has been in the field of audio surveillance countermeasures, anti-hijacking, or drugs.

(b)(3)

(Mr. Robert Burnell, SS)
(Mr. Thomas Allen, FBI)
(Mr. Martin Pera, Customs)

[Redacted]

(b)(3)

NASA and USDA (Agency association is classified SECRET)

We have an on-going program, Project [Redacted] to

[Redacted]

(Mr. William Ruble, USDA)
(Mr. Leonard Jaffe, NASA)
(General Smart)

[Redacted]

(b)(3)

SUBJECT: Contacts With Other U.S. Government Agencies
Which Could or Have Resulted In Use of CIA-
Developed Technology in Addressing Domestic
Problems

Proposed Use of NASA ERTS Satellite (Agency association
would be SECRET)

The Agency is preparing a proposal for an experi-
mental program to aid in estimating the Soviet wheat
crop. A part of the information would be obtained from
a satellite launched for other announced programs. Ground-
truth data will be collected on North American crops.

[Redacted] (b)(3)

U.S. Department of Agriculture and Bureau of Narcotics
and Dangerous Drugs

CIA has requested the establishment of a two-acre
plot of opium poppies at a USDA research site in Washington
state, to be used for tests of photo-recognition of opium
poppies.

[Redacted] [Redacted] (b)(3)

Army, Military Police Agency, Ft. Gordon
Air Force, Office of the Inspector General
Army, Office of Provost Marshall General

We have exchanged technical surveillance counter-
measures and physical security information with them.

[Redacted] (b)(3)

U.S. Army
Rocky Mountain Arsenal, Newport Army Ammunition Plant,
Toelle Ordnance Depot

LS/ORD tested environmental samples from testing,
storage and production facilities in the U.S.

[Redacted] (b)(3)

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SUBJECT: Contacts with Other U.S. Government Agencies
Which Could or Have Resulted in Use of CIA-
Developed Technology in Addressing Domestic
Problems

U.S. Army, Edgewood Arsenal

LS/ORD is sharing expenses with EA in field testing
an [redacted]

[redacted]

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U.S. Navy

[redacted]

[redacted]

(b)(3)

U.S. Coast Guard

About six years ago, CIA infrared equipment was
made available for USCG tests to evaluate IR as a means
for night search of life boats.

(then-Lt. James McIntosh, USCG)

[redacted]

(b)(3)

San Mateo County Sheriff's Office

ORD conducted polygraph tests on all applicants.
Polygraph security findings were compared with the
Sheriff's own security findings.

(Sheriff)

[redacted]

(b)(3)

A study was made on con-men techniques and assess-
ment methods in 1967-68.

(Sheriff)

[redacted]

(b)(3)

SUBJECT: Contacts With Other U.S. Government Agencies
Which Could or Have Resulted In Use of CIA-
Developed Technology in Addressing Domestic
Problems

Chief, [redacted] Police

For security reasons, the Chief was made aware of
a study to evaluate attempts [redacted] to penetrate
[redacted] social groups. (1967)

(Police Chief)

[redacted]

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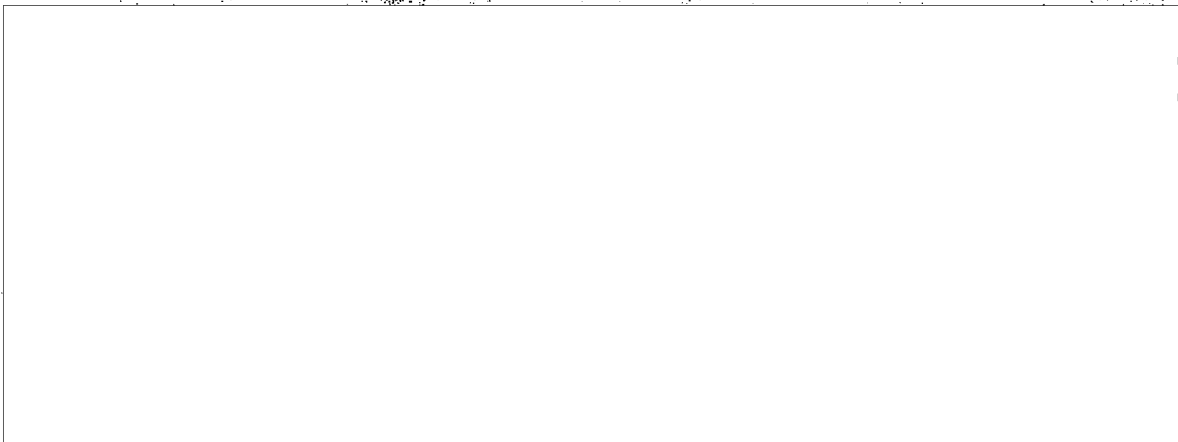
DOMESTIC TESTS FOR
AGENCY RESEARCH AND DEVELOPMENT EFFORTS

1. As a normal part of ORD's efforts in the research and development of equipment and techniques for Agency applications in foreign intelligence, we conduct experiments and tests in the United States. Clearly, the design and development of our intelligence equipments can be done more economically and more securely in this country. Although most of the tests of our R&D equipments are performed in closed laboratories or in secure areas simulating the foreign environment, some of the tests and experiments, of necessity, reveal domestic information.

2. A review of the surveillance equipment or techniques which have at some time or other been exposed to domestic testing is as follows:

a. Laser Probe - About 1967, the laser probe developed by ORD was tested by TSD in San Francisco under very closely controlled conditions. The ORD Project Officer witnessed portions of the test. Recordings that were made of laser probe output were carefully controlled as classified material and it is believed that the tapes have long since been destroyed.

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ATTACHMENT 2

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SUBJECT: Domestic Tests for Agency Research and
Development Efforts

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d. Other Sensor Testing - Examples of engineering development tests of special sensors within the United States include [redacted] and



In all these cases, the data output of such testing has been used for engineering development and the content has been restricted to dissemination to those in Government involved with the engineering design.

SUBJECT: Domestic Tests for Agency Research and Development Efforts

e. Remote Physiological Measurements - An ORD-developed cryogenic magnetometer is being tested at a contractor's site for use as a remote cardiograph (magnetocardiograph). Some test subjects are witting, but most tests are on naive subjects (they do not know they are being tested). The magnetometer is completely harmless to the subject and the test results are closely held.

f. Personality Structure of Defectors Study - ORD undertook to determine the personality structure of defectors during the period 1966-69. The work primarily involved an analysis of the open literature on known defectors. An ancillary effort was concerned with a study of the phenomenon of defection itself, i.e., leaving one religion for another, or changing one set of political beliefs for another. The work was conducted at Stanford University. [redacted] (b)(3)

h. Communications Link Loading Study - In the period from 1970 through 1972 various means were used to check out an intercept system designed to operate against Soviet communications links. Under carefully controlled conditions, some U. S. microwave communications were recorded and passed through the intercept system under test to prove quality of performance. All intercept material connected with this was destroyed within a few weeks of the time of intercept and the material was never checked for substantive content. [redacted] (b)(1) (b)(3)