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VIA AIR

DISPATCH NO. EDPA 15024

TO: Chief, SR

February 26, 1955

FROM: Chief of Base, Frankfurt

INFO: EE
COS

SUBJECT: General-REDWOOD/RYDSKIN } ops

Specific - Contact Report on Subject of Reference

REFERENCES: FROB 5423
EDPA 3556

ACTION REQUIRED: For your information and action requested in paragraph 4 below.

2. Forwarded herewith is Contact Report on Subject of reference. The attached report sets forth in detail Subject's research and development contacts in France, Belgium, Holland, Denmark, Italy and West Germany in the fields of AEG, DW and CW. It also reflects Subject's broad adaptability to various types of scientific endeavour in these fields, rather than his narrow specialisation in one field.

3. International scientific conferences are regularly attended by a host of technicians, who by reason of their technical business interests must concern themselves with the application of the latest scientific developments to their specialised field. This fact plus Subject's established pattern of international travel seems to afford him natural cover for action as well as accessibility to the S. & T. targets in the REDSKIN and CALL fields.

3. Selected portions of the contact report containing substantive information on non-Soviet countries will be transmitted as EOPs.

4. As a result of these interviews sufficient information has been obtained to prepare FRQ Part I/ which is being pouched under separate cover as Attachment B to this dispatch. In order to facilitate future correspondence, it is requested that an [] number be assigned Subject.

74-6-535/55
Box 14 Fol. 4

ATTACHMENTS: A. Contact report h/w a/s
B. FRQ Part II USC (at a later date)

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Attachment A - EOPA-15021

MEMORANDUM FOR THE RECORD

SUBJECT: Contact Report on Subject of FROD 5423 of 16 and 17 February 1957

INTRODUCTION

1. On 11 February undersigned wrote to Subject inviting him to come to Frankfurt for additional consultation, and giving him the R. & T.L.G. letterhead as a return address. The letter was received on 14 February, and on 15 February Subject called George KOVACHIS, ODOATH S & T representative in Frankfurt and a personal friend of Subject. KOVACHIS called [redacted], who notified undersigned of a Trier telephone number where Subject could be reached. Subject was called, and a meeting arranged for 16 February at 2000 hours in Frankfurt at the Hotel Savigny. The meeting lasted from 2000 hours until after midnight, and a second meeting was held Sunday in Subject's hotel room from 1100 to 1300 hours. Due to the shortness of time available for meeting arrangements, Subject could not be taken to the regular S & T safe house, and the Hotel Savigny was used as an alternate meeting site.

2. Enough personal contact with Subject was established at the first meeting, so that there was no further need for credentials or identification. Subject inquired whether KOVACHIS of ODOATH was not a type of competitor for undersigned's "Army Group", but contented himself with the explanation that the Army represented a broader group of scientific interests and therefore was in a better position to deal with Europeans of value to us. As the meeting progressed, Subject appeared to go along with this general line, and gradually stopped repeating:

- a) his earlier expressed fears that his services might prove too expensive to us
- b) his requests for immediate clarification as to what his duties with us might be

3. SUBJECT'S WESTERN EUROPEAN CONTACTS IN AEC, BW, CW AND DEFENSE FIELDS.

- A. FRANCE: Raymond GIRAUD—Ministry of the Interior for Civil Defense, located Paris, XVI, Place Victor G.
(Mr.) Fran TREILL, Commandant of the French marine laboratory, Place Victor G.

FRENCH AEC CENTER-DIVISION ATOMIQUE) located Ford d' AUBERVILLERS near Paris. (CENTRE d' ETUDES NATIONALES DES SACKEX). Subject stated that both French Army and Air Force are represented here. Director
Director, Mr. DUMMIL (measuring device Specialist for AEC devices, Mr. Jean TROUYAUD) with whom Subject works closely
Subject stated that a good deal of the equipment in this

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research center is manufactured abroad. Dosimeters, and similar measuring devices for the center are manufactured by the Swiss firm of LEUDIS & OYR, in Zug. Dipl. Ing. FRITZ is Director, and the physicist is (Dr.) FRANZ STAELE. The German firm PAUL FICHOV HACHF. Frankfurt/Main, JaseLorstr. 27/31 with a branch office in West Berlin, also manufacture dosimeters for the French center. Subject's contact in charge of electronic equipment is Dr. FRUHLASE, in Frankfurt. Ing. FRU FRIEDRICH is also active in the Frankfurt office, in an unstated capacity.

- D. FRENCH FORCES IN GERMANY-Koblenz-Head of the French naval forces is Admiral FRU LANOIS, assisted by Lt. Col (sic.) FRU KARVELLA. A Frigate Captain FRU TAILLEZ, located in Bingen, Commander of the North Rhine fleet is closely connected with Admiral LANOIS, and is in charge of training French frog men. Subject recently designed and had manufactured for TAILLEZ some frog suits, which TAILLEZ tested personally, and placed a substantial order for more. (Subject's commission 5').
- C. BELOIUM: Senior Director for Engineering Troops and communications (DIRECTEUR SUPERIEUR D'GENIES ET DES TRANSMISSIONS). Place d'ILLY, Caserne Prince Boduin, Brussels-Colonel FRU FORGET. Subject stated that in Belgium training of ground troops, and testing of AEC, DV and CW matters are centered under this Directorate for "Engineering Troops and Communications".

Civil Defense problems for the "ABC field" are centered in a laboratory at the University of Louvain, under the direction of Capt. COUVREUR. Subject stated that COUVREUR is a comparatively young man, who will shortly complete some examinations, become eligible for promotion to Major (he is now a "Senior Captain") and in time will become a Colonel and the successor to FORGET, (above) in charge of AEC, DV & CW matters in Belgium.

- D. HOLLAND: Subject stated that atomic, bacteriological, and chemical matters in Holland are centered in the "ABC SCHOOL (sic) in Breda, Holland. The Chief is a Major FRU RUIJF-OOMS. Chief of Engineers (INSPECTEUR DES GENIES), The Hague, "aalhorndeslaad 114. Colonel FRU ADANK The Hague is Director for overall Atomic, Bacteriological, and Chemical Warfare problems in Holland. Colonel FRU BIJLAARD, Dipl. Ing. active at the Royal Dutch Academy for Scientific Research. Concerned with R & D problems. Chief of Troop Defense against AE, BW and CW is Colonel FRU KLOEG.
- E. DENMARK: ABC School (FORVARETS ABC SKOLE, Ok Nielsensvej-Tyvangern, A"

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Copenhagen. Director of this School is Colonel fru REILJER, Chief of Training Danish ground troops in radiation, and protective devices is Colonel fru MOURITZEN. MOURITZEN last fall ran special paratrooper tests on some special, ultra-small battery dosimeters that Subject made for him, and placed an order for more. A particular feature of Subject's dosimeter is that due to its very small size, it can be concealed in a paratrooper's pocket, or disguised as a dummy wrist watch. Subject stated that at MOURITZEN's test of paratroopers, fall 1956, all the paratroopers equipped with his dosimeter were saved, and 80% of all others were "killed".

NIELS-BOHR INSTITUTE, Copenhagen. Research on AE, BW, CW problems. The physicist is Denis TAYLOR, Roy PAULSEN is in charge of the cyclotron, and Oskar NIELSEN is in charge of radiation and detection measuring instruments. Commandant of the Institute is Capt. fru JACKSUESSON, assisted by Capt. fru ANSELME.

Nuclear research in Denmark is centered in the Copenhagen university's Institute for Theoretical Physics (INSTITUT FOR TEORETISK FYSIK), closely affiliated with the NIELS-BOHR INSTITUTE. Isotope research is centered in the "FINDENINSTITUT OG RADIUMSTATIONEN", headed by (Mr) I. AMBROSEN (phonetic sp.)

F. ITALY: Subject has made one solo trip to Italy to contact a Professor fru PASQUALLA, in Milan. Subject stated that PASQUALLA has a secret laboratory in Milan, maintained by the Italian government, and that he is the Italian government's authority on radiation measuring equipment. Subject could supply no further information on this "secret" laboratory, beyond the fact that it is unlisted in any directories, or telephone books, and can be entered only by pre-arrangement.

G. GERMANY: MINISTRY OF DEFENSE - Subject stated that he knows fru SCHWEIGER, Chief of Abteilung 12C, connected with AE, BW, and CW problems. In Bonn Ministerial-desent BAUCH, is Chief of Measuring instruments for the Air Force, and fru DAHLMANN is Chief of Civil Defense. Specific studies in the field of atomic biological and chemical warfare are centered in Koblenz under the direction of a German physicist, Dr. fru DREBLON. DREBLON is also concerned with research and development. A Dr. fru LEDER is also active in Koblenz in the same field, in an unstated capacity.

Subject stated that in general in Germany, government military utilization of AE, BW and CW developments was largely confined to the Ministry of Defense, while research was centered in various private institutes and universities. Subject listed the follow-

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ing examples (and contacts).

RADIOLOGICAL INSTITUTE, University of Freiburg. Source stated that the Chief is a friend of his Professor fru LANGENDORF. A Dr. fru HERBST is another friend of Subject's at the University of Freiburg, concerned with problems of ground decontamination (Bodenverseuchung). Subject stated his only work to date in this field was conducted for the NIELS-BOHR INSTITUT in Copenhagen, which some time ago received a consignment of U.S. manufactured ground contamination vehicles, supposed to be effective against mustard gas (Gelbkreuz) at a temperature of 40 degrees below zero. Subject stated the chassis were excellent, but the equipment could not work at the prescribed temperature, because it depended on a piston style pump to liquify the mixture. He solved this problem by substituting a centrifugal pump for the piston pump. He said Dr. HERBST, at the University of Freiburg was helpful to him in handling CW aspects of this problem, and described HERBST as being one of Germany's leading scientists in the Aerosol field. (poison gas diffusion and atomic fall-outs). Subject has no other contacts in this field, but expressed his willingness to query HERBST further on his activities in the Aerosol field.

INSTRUMENTATION PROBLEMS - Subject stated his contact in this field was (Dr.) Ing. Frank FRUENCKEL, O.m.b.N., Impulsphysik, Hamburg-Rissen. FRUENCKEL's specialties are high-speed photography (25,000 pictures a second) and miscellaneous problems of impulse transmission.

A general German testing center is the "Federal Experimental Institute (Bundes Versuchsanstalt) in Braunschweig. The specialist for measuring equipment is Dr. fru JAEGER. This institute is under the German Ministry of the Interior. A Dr. fru SITTKUS conducts special tests for the Min. of Interior. At the "Deutsche Forschungs Gemeinschaft", Subject knows Dr. SCHEIL.

German civil defense (Bundesanstalt fuer Zivilverteidigung) is concentrated in Bad Godesberg. Subject's contact is Dr. fru HILLENZ. Air raid protection is centered in the Federal Air Raid Union (Bundesluftschutzverband) in Munich, under Dr. fru STRAUBER. Subject added that the German Red Cross is to some extent active in this field.

Subject stated that the German representative to the "Atoms for Peace Group" in Geneva, Switzerland is Professor Dr. fru GERTNER, whom Subject knows slightly. GERTNER was appointed German delegate sometime ago, and Subject believes he will stay at this post for a time to come.

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RADIO-ACTIVE ISOTOPES. Subject stated that in the fall of 1956 he attended the first formal instruction to be given in Germany on this topic. A special ten day intensive course was given at the University of Aachen under Professor FUCHS, with 40/45 German technicians and scientists in attendance. At the conclusion of the course all students were taken in a group through the isotope laboratory for medical purposes, maintained by the Bayerische Analin Fabrik, in Leverkusen. Subject stated that this laboratory is Germany's most modern in the field of isotopes, and visitors are not normally allowed. He explained that he underwent the training, because he anticipated a large growth in the development of isotopes in Germany, and wanted to break into the field while it was still young.

4. SUBJECT'S BROTHER & FATHER IN THE DDR.

Subject explained that his father has for the rest of his life a room in the old people's home in Dresden, and that he is permitted to live out his remaining days there in peace unmolested by East Germans and Russians alike. The father comes at irregular intervals to visit Subject in Hamburg, but must return within a month or lose forever his room in the old people's home. Subject's brother, Woldemar, is buried in his laboratory in Leipzig, and devotes all of his time to research into problems of the human heart beat. The brother's laboratory has been completely equipped by the East German government with all the latest and best quality apparatus at substantial cost, in hard Western currency, to the DDR government. The brother receives a fixed salary of 2400 East Marks per month, and substantial social benefits, such as a new East German car at low cost (obtainable only with State approval), low cost food and housing in abundance and good quality. The brother with Subject's assistance tried hard a while ago to locate employment in his specialized field, research in the human heart, in West Germany. He was unable to locate employment at any West German laboratory or University that would equal the standard of living and working conditions he enjoys in Leipzig. There was no opportunity at this meeting to explore the question of the brother's contacts with local Soviet or East German scientists, but it is presumed that such may exist.

5. OPERATIONAL

Both meetings with Subject went off as planned. He was contacted initially in the dining room of the hotel, while finishing his dinner, and the meeting conducted in his hotel room. The second meeting took place directly in his hotel room. Subject's work in Trier will be completed by the end of February, and his wife and youngest son are vacationing there with him. The following arrangements were made for the next meeting: When Subject knows in a few

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- days exactly when he will be finished in Trier, he will write to the undersigned setting a day and hour when he can make contact in Frankfurt. The contact site was set at the parking lot beside the Hotel Savigny, since Subject will be driving his car. Subject's wife and child will be housed in the Savigny, and Subject has agreed to conduct his meeting with the undersigned elsewhere (safehouse).
6. Subject expressed some misgivings initially about providing information to the undersigned on the identities and location of his miscellaneous contacts set forth in para 3 above. His feelings were assuaged by undersigned's explanation that the data were needed for evaluation of Subject's potential usefulness. During the meeting, sufficient data were gathered, so that before the next meeting some direct consideration can be given to determining specific conferences which Subject could attend.
7. During the second meeting, Subject's friend KOVACHS called, and Subject agreed to meet him later in the day. KOVACHS obviously knew that Subject was in town at the invitation of undersigned. Toward the close of the second meeting Subject was specifically instructed again that his meeting with undersigned was to be discussed with nobody, including his friend KOVACHS, his family, or other persons. As a means of ascertaining Subject's personal sense of security, [] is determining from KOVACHS how much if anything Subject told him about the two meetings.

CASE OFFICER COMMENT

Subject has now accepted these contacts with undersigned, and agreed to a fourth. He has held up well under various types of KUBARK hospitality, and after some backing and filling signed a receipt for a cash payment for his earnings. Subject displays general initiative and resourcefulness and some willingness to accept direction. Subject has a present an established natural cover for attending international scientific and technical conferences, and skilled technicians' business reasons for doing so. He explained to undersigned that he had not been too active thus far in this field, due to travel and subsistence costs involved, out of proportion to immediate financial gains he might expect.

Subject has agreed in principle to the idea of attending at KUBARK's direction S.A.T. conferences in Western Europe, for the purpose of developing further special contacts. Such conference attendance is to be related to Subject's business interests in the fields of AEC, BW and CW. Undersigned also believes that Subject will be willing to perform a support agent's function, at a later stage, in spotting, contacting and assessing various German and other European scientists who travel to the Soviet Union as guests of the AKADEMIYA NAUK, or expect to entertain visitors from there in Germany.

Job 60-535755
Box 14 FOIA
7476-38A-45