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Report from the Chief of Directorate for Scientific and Technical Intelligence, PGU-DS, Col. Georgi Manchev to the Minister of the Interior Col.-Gen. Dimitar Stoyanov, Sofia, 27 May 1987

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TO THE MINISTER OF INTERIOR
COLONEL-GENERAL D. STOYANOV

REPORT
from
Colonel Georgi Savov Manchev,
First deputy chief of PGU-DS,
Chief of Directorate for Scientific and Technical Intelligence, PGU

Comrade Minister,

A delegation from Directorate “T” (scientific and technical intelligence) PGU, KGB, led by Major-General Zaytsev, Leonid Sergeevich visited our country from 18 till 22 May this year.

I am going to present a detailed report about the talks and agreements achieved.

I believe it is necessary to draw your attention to the following facts, presented by General Zaytsev, together with my considerations and suggestions.

At the beginning of the official talks, the leader of the Soviet delegation, General Zaytsev, expressed his gratitude and regards on behalf of the Deputy

Chairman of KGB and Chief of PGU-KGB, Colonel-General Kryuchkov, Vladimir Alexandrovich, for the successfully conducted operation “Amur”. With this operation, the Bulgarian scientific and technical intelligence contributed to the development of computing engineering and the defense capabilities of the USSR. In addition, Comrade Kryuchkov requested that the Bulgarian side take into consideration the possibilities and readiness to work jointly in the implementation of other complex programs for the development of basic sectors.

In the course of discussions, the Soviet comrades pointed out two large areas:

- microelectronics;
- new materials.

1. In the area of MICROELECTRONICS they have a program for the production of super large integrated circuits. The Program was discussed by the Council of ministers of the USSR and shall be implemented within several years. Several hundreds of million currency roubles will be provided. Complex procurement includes transfer of technology and equipment from leading western companies, as well as technical support and training.

The advances in this area will be of crucial significance for the defense capabilities of the USSR (with impact on space programs, modern means for defeat and defense, management of troops, space, aviation and ground based technical surveillance). In comparison, I will mention that the development of super large integrated circuits was number one in the 16 Pentagon’s priority programs for the period 1981 – 1986 (note: development of the famous “invisible” fighter STEALTH occupied 5-th position).

2. In the area of NEW MATERIALS there is a program for production of carbon fibers. A number of ministries from the “defense industry” system are interested in the development of this production.

The perspectives in this area include transfer (delivery) of technology, equipment and technical support.

The problem with the raw material has not been solved yet. What characteristics should the PAN-fiber possess as a raw material for the production of carbon fibers, and what is the technology for its production? Some experts believe that PAK-fiber should be used as a raw material.

In regard to the two programs, the Soviet comrades made enquiries. Upon our confirmation for readiness, they will make a proposal at a senior level.

Our position regarding these suggestions was that the projects were very important, still very difficult for implementation due to the oldest embargo for transfer of such technologies and equipment among the socialist countries. We informed our Soviet comrades that after we have conducted a careful discussion and assessment of our capabilities and a report has been submitted to the leadership of PGU-DS and the Ministry of Interior, we will give a reply in principle.

Comrade Minister,

I take the liberty to express my personal positive attitude regarding our participation in similar significant programs, taking into consideration the following:

1. The participation of the scientific and technical intelligence services jointly with our industry in the complex programs of the USSR will take Bulgaria to a leading position in some of the most advanced sectors worldwide. These sectors correspond to the priority areas approved by the 13th Congress of the Bulgarian Communist Party and the 41st session of the Council for Mutual Economic Assistance.

Along with the sectors “computing engineering” and automated flexible manufacturing systems (FMS), where we worked within the “Amur” program and its extension “Don” (in the FMS part), our country will be able to integrate with the USSR in the leading and important areas of technical progress and will create prerequisites for Bulgaria to occupy a key position in the CMEA framework.

2. The scientific and technical intelligence, respectively our industry, will receive additional opportunities to acquire important “know-how” and equipment. The materials acquired will be our possession until they are transferred to the Soviet organizations.

3. Bulgarian experts from different industries who are involved in the implementation of programs will have the opportunity to receive training in foreign companies and thus will significantly increase their professional qualification (this is a kind of “transfer” of know-how).

4. The People’s Republic of Bulgaria will have a considerable financial benefit.

5. The PR Bulgaria will have the possibility to keep track of the most advanced achievements in these sectors both in the USSR and worldwide.

6. Bulgaria will have the opportunity to cooperate with the Soviet economic organizations before other socialist countries (the GDR, Czechoslovakia, Hungary, Poland).

7. The Directorate for Scientific and Technical Intelligence will have the opportunity to extend their agent positions in the priority sectors of technical progress within the next 10-15 years.

8. Additional benefits could be expected in sectors related to complex programs (software, production of chemical products, pure materials).

9. The Directorate for Scientific and Technical Intelligence has available agents, sources and channels to work in the sector “Microelectronics”.

We do not have enough reliable sources in the new sector “New materials”, but ambitious goals and tasks will create stimuli and willingness for active agent-operational work.

PGU-DS First Deputy Chief
Chief of DSTI, PGU-DS
Colonel: /G. Manchev/

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MK
Sofia, 27 May 1987

[Translated by Greta Keremidchieva. Edited by Jordan Baev]