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**MINUTES OF THE SIXTY-FIRST MEETING OF THE SUBCOMMITTEE ON
EXPLOITATION OF FOREIGN LANGUAGE PUBLICATIONS**

16 December 1955

Present

Members: Richard Bauer, Army
John S. Shearer, Jr., Navy
Maj. Howard G. Neumann, Air Force
Dr. John Anderson, AEC (for Dr. Reichardt)




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Consultants: George Pughe, AID, Air Force
William R. Hudson, Navy



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1. The 61st meeting convened at 1400 hours. The minutes of the 60th meeting were approved.

 wished to correct a statement in the 59th minutes, page 4, in which NSA stated that "little use could be made of FDD reports on North Korea and North Viet Nam." The statement should have read that those reports were used but were of lesser value than the China reports.

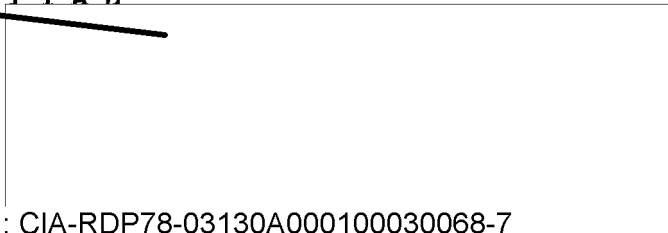
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2. Continuation of Review of Scientific and Technical Exploitation

Army: Mr. Bauer said that Army was in favor with the proposed program with one exception viz., that electronics should be added as a category of coverage. He added that abstracts were of value to some analysts but that this use does not warrant the effort which must be put into it, and cover-to-cover abstracting necessitates more reading of extraneous material than the analysts can afford. Mr. Bauer pointed out that in the G-2 Intelligence Collection Memorandum #2, Army had established "Priorities for the Collection of Soviet Bloc Research and Development Information." These are:

- a. Atomic Warfare
- b. Guided Missiles
- c. Biological and Chemical Warfare
- d. Electronics
- e. Materiel and Special Devices

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AEC: Dr. Anderson indicated that AEC was quite satisfied with the proposed program.

NSA: [] stated that NSA was pleased with the proposed program provided it will include selected coverage in the electronics field.

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CIA: [] commented as follows:

CIA is very pleased with the way the current program is working; the "Science News Items" have been outstanding and considerable use of these reports is being made. CIA is not in favor of summarizing material in the fields set forth in the proposed program, if it is meant to include material found in scientific and technical research papers. If, however, it is meant that the science news type of thing is solely concerned, then CIA would be in favor of it. [] felt that it would be a mistake to include information on research results. He continued that the area coverage suggested is totally inadequate to cover the responsibilities of CIA which cover among other things NIS and watching for a technical break-through in any area. [] suggested that the science news type of report should be expanded into fields to meet the needs of the Agency. He stated that it is impossible to set forth one's requirements in sufficient detail so that another person can select adequately. [] said that it was not clear from the last meeting whether the proposal is to take the place of the program we have been operating under for the past twelve months.

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The Acting Chairman said that the proposal would take the place of the current program.

Air Force: Major Neumann said that Air apparently misinterpreted the proposal as stated. In a visit with Capt. Colville of ATIC for two days they found that ATIC have the same requirements as those in 1954. Those requirements haven't changed in the least with the exception that with the increased take of periodicals they are trying to expand to take care of additional periodicals. They feel that the original proposal is far more acceptable, with the understanding that they get an increased effort over and above what they have now, using the old approach. They feel they are mostly interested in cover to cover abstracting. After talking with some of the analysts, the same views were expressed as those of ATIC. First of all, they are not at all convinced that the contracting idea will work. They feel there will be a gap. Secondly, no contracting activity is going to put the material out in a timely fashion as our own Air and FDD translators. Thirdly, there is the matter of reproduction. They feel that the original program would meet their requirements.

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[] said that if the Agency has to choose between selective abstracting of the publications and cover-to-cover abstracting of selected number that the choice would be cover-to-cover abstracting of the selected number of periodicals.

Major Neumann added that abstracting could be done in a more efficient manner on the same or greater amount of periodicals from cover-to-cover.

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The Acting Chairman asked whether the entire requirements of Air Force would be for abstracting.

Major Neumann said yes, he would say 100%.

25X1 [] said this was not true of CIA. He would like to see the abstracting of articles plus added manpower put on the "Science News Items."

The Acting Chairman said that FDD will go ahead and prepare a summary of our findings so far, and see what can be done to meet the established requirements.

Mr. Hudson presented a list of the vital electronic subjects which should be exploited in the Soviet open literature which are of particular Navy interest. This list is appended to these minutes.

Mr. Bauer said that he had found it has always been a great complaint that the analyst does not want someone else to dig the material out. Some analysts always seem offended if anyone tries to use a selection. Cover-to-cover abstracts are fine but Army does not have the manpower to properly exploit them. Army is willing to take the results of sacrificing a few things and rely on the FDD personnel to get the "nuggets." Army does not feel they would be losing anything by dropping the cover-to-cover abstracts. FDD is producing material for the attachés which they could not possibly obtain otherwise. The proposal of FDD is much in line with Army's requirements and with its capabilities to utilize the material.

Dr. Anderson said that AEC has a need for the coverage of research reports as well as support type of information.

The Acting Chairman said that this apparently concludes the Subcommittee's review of scientific and technical exploitation, and that FDD will now draft a program for the review of the Subcommittee based upon those findings and within the capabilities of the Division. If agreement can be reached informally the new program can be inaugurated. If not, it will probably be necessary to call a special meeting to iron out the difficulties. The new draft will be distributed to the members as soon as it can be prepared.

25X1 3. [] brought the following matter to the Subcommittee's attention, stating that in going over the program on the USSR, referring to material on farming, weather and crops, he would like to work out an arrangement for getting one or two copies of type-script of this material delivered directly to the requestor without going through reproduction as this information was only desired by CIA. He proposed that FDD have this particular information only translated regularly on contract, delivered in type-script directly to the one consumer, and omitted from the summary series. He said that the reason for presenting it to the Subcommittee is to be certain that it is not cutting out material anyone else is using. He proposed that FDD have this very limited job done and delivered directly to ORR.

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Dr. Anderson said that AEC was interested in weather reporting, but if this were solely farm weather reports then AEC would have no interest.

No other objections were offered and the Acting Chairman said that this would be considered with the USSR program and handled in liaison between FDD and

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4. The agenda for the next meeting will be the Non-Communist Far East and Western Europe.

5. The meeting adjourned at 1505 hours. The next meeting will be held 6 January 1956 at 1400 hours in Room 2125 M Building.

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J. J. BAGNALL

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SUBCOMMITTEE ON EXPLOITATION OF FOREIGN LANGUAGE PUBLICATIONS

**Electronic Subjects which should be Exploited in the Soviet
Open Literature which are of Particular Navy Interest**

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1. Radio astronomy, with emphasis upon actual Soviet equipment, antennas, and frequencies on which measurements are made.
2. Underwater Acoustics, with emphasis upon actual equipment including simple fathometers and any Soviet measuring devices and propagation tests under water.
3. Electromagnetic wave propagation, with emphasis upon tropospheric scattering and other long range work at very high frequencies and above, and propagation at very long wave lengths.
4. Electronic Aids to Navigation, with emphasis upon navigation devices of Soviet concept for ships at sea and for aircraft.
5. Radar, again with emphasis upon actual Soviet equipment and concepts rather than general treatises on how it works.
6. Communications, with stress on antenna design and actual equipments in use.
7. Laboratory-type electronic instruments, with emphasis upon Soviet equipment
8. Microwave and radio-frequency spectroscopy with emphasis upon equipment and techniques used and actual Soviet experimentation.
9. Vacuum tubes, with emphasis upon actual tubes of Soviet origin, catalogs, or characteristic performance, and upon microwave devices such as traveling wave tubes, klystrons, magnetrons, or carcinotrons.
10. Recording devices, emphasizing magnetic tape recorders, including graphic recorders.
11. Television, emphasis upon actual Soviet transmitter and receiver design.
12. Amateur radio, with emphasis upon work at wave lengths below 10 meters.
13. Diathermy and radio frequency heating with emphasis upon actual equipment parameters.
14. Transistors, semi-conductors, and miniaturization techniques.
15. Radio aids to meteorology, including radio sondes, tracking radars and recorders, with emphasis upon actual Soviet equipment.
16. Infrared research and devices.

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