

Meeting #15. London, England, 4 May 1961

(Subject arrived at 2010 hours on 4 May 1961 to Room 360, Hotel Mount Royal in London. Upon entering, Subject was shown blown up prints of the experimental shots he had taken previously. KINGSBURY, the photo instructor, was present.)

1. G: Did you take this under electric light? S: No, daylight. H: Oh! Daylight. S: May I? G: How was the lighting? S: It was cloudy and it was the second half of the day. (Repeats in English) second part of the day, about 4 o'clock. KINGSBURY: Approximately at 4 o'clock, yesterday afternoon. G: A surprising shot -- very clear. S: I work under similar conditions which I will photograph later. This is why I don't go into detail. G: You see how clear and exact everything in the written text is. S: Not bad. See how the frame goes evenly all around. G: Now see, here is already a little bit of an overlap. S: Oh yes, I see. I cut it a little bit on this frame. This is what should be watched, and here is the second part. (Subject photographed a pound note.) G: These are the results which can be had if done properly. S: I always believed it could be done. G: We wanted you to know that it was not for a lost cause to use this camera. It is a shame to risk everything and then maybe nothing will come out photographically -- but here is what you can get. You can read every printed word. KINGSBURY: The exposure was just about perfect. G: The amount of light was ideal -- perhaps you can remember the exposure? S: Yes, perhaps I can remember -- and also the distance between the window and the table. G: Now you know from your own experience that the closer you approach the equivalent electric light intensity, the clearer the picture. S: That's how I did it. G: Now, do you want to re-do some more? S: Not really. KINGSBURY: I think he has gotten the idea fairly well. These are very good shots.

2. S: I should have told you about Pakistan and about this business -- (Subject had received a note at the Hotel desk to call a number). G: Did you take care of this matter? S: At the Embassy no one told me anything -- I was not worried. I had to straighten this matter out with you. I made no phone calls to this number, not one. G: Well, who is he? S: I don't know. H: He is from TASS? G: The representative from TASS? H: That's the TASS representative, KONEV. G: He's the representative from the news service. H: No, he's with TASS. This telephone number is the TASS phone, their London number. S: Then why does he live here? G: He does not live here. He called you on the phone. S: Then the number he left was not the Hotel number? I asked you before; this is what was confusing me. G: At a certain time a man called you and wanted to get in touch with you. He left a number for you to call him. S: When we first arrived there was a TASS representative here -- when WYNNE gave the reception. So, maybe he wanted to ask something of the delegation. Tomorrow I will call. H: This is someone from TASS. G: That's all. He just wants you to call back. S: Tomorrow I'll call.

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3. G: What shall we start with? H: I think there are a few things here we ought to do with photography. G: Maybe we should start with photography, since the photographic expert is here right now. S: Oh yes, then if there are any questions -- One minute, -- May I? H: Yes. (Subject practicing loading the Minox with a new cassette). S: Someone was already snapping this. G: No, not yet. Now, once again -- now, now. S: It is not loaded is it? H: No, no. There's no film in this, is there? K: No. S: In this the position -- when the dots come together, can I load it? G: Of course. You load and unload only when the dots are like that, and only then. S: And if a dot is dislodged, I can't load it then? G: No. It means that the point has not been reached yet for you to load it. You should not load it when it's off center, right? K: You must not. It's possible... G: It's possible, but you may stretch the frames out of position. S: But I won't break it will I? Ask him..... K: No, but the pictures will overlap. G: What if he tried to unload it before the dots are lined up? K: No, that won't matter; it just means that he will have to open up the camera shutter so many times. G: But if he tried to force it open before the dots are lined up... K: It won't hurt. G: It won't hurt. S: So then, the dots should be lined up (TOCHKA NA TOCHKU). K: In other words, if he wishes to remove the film before taking all the pictures it's quite possible, providing that he operates the camera three times. H: Three times? K: To put the exposed film inside the light-tight container. G: You can unload it when the dots are not lined up. The difference is -- say you are on picture #25, and you want to take out the film. You have to move the frames three times. S: Oh, I see, in order to tear it off. G: No, so that the unexposed film can be wound up in a dark place. Then you can open it. S: I see. I will work only, only on 1/100 of a second and on 30, because 30 centimeters is the right distance. K: 0.3 (meters).

4. S: Now tell me under what circumstances there can be breakage? What can get broken and under what conditions? Let him explain that. G: (Translating above to K). K: It needs careful handling -- G: You must handle it gently. What is it that might be forced, or bent, or hurt? K: Well, the mechanism is delicate, and it is possible for it to break any time. G: Yes, but in what manner, in particular? That's what his point is -- what should be avoided? K: There's nothing he can avoid -- nothing. It will just be mechanical failure. G: If it breaks, it can just be because the mechanism is so delicate -- S: But I cannot repair it myself? H: No, we'll give him a reserve camera. S: Does it have to be oiled? K: No, no, no, no. G: Whether he has one or two -- it doesn't make much difference what he carries. H: We can give him one now, and then later another. This one has been overhauled today, so there should be no trouble with it. We will give him the reserve

one at the end of the month. S: Now when I begin to work -- here I am, working -- always is it necessary to lower this when I do this? K: If he doesn't click, it will show a blank, that's all. G: If you don't click, you just let the film frame go by. S: Is this correct? G: No, no. If you click then you open the shutter and let in the light. S: Okay -- Now suppose I have taken ten photos and I have to take out the film quickly. I do this -- one, two, three, four -- and -- K: Take out the film. G: Minimum of three beyond your ten frames. K: Don't use it again, of course. That film is finished. G: Don't use that roll any more. S: No, no, no. That's correct. I won't. I have to clear-up all the questions. Now, to reload -- here I have taken ten pictures, and I have taken them out; the indicator shows this number. In order to reload, do I have to make the clicks up to 50 and line up the dots? K: Right. S: Right now, I can't load it? K: No. S: Point-to-point, Red and Black -- and K: Begin. S: But I can't load it the way it is now, why? G: Because it won't be even. He wants to know what will happen if he loads it like this,. S: What if I'm in a hurry, and don't have time to click it? G: (to K) If you put it after the 14th frame? S: In such position? K: Well, you risk getting overlapping pictures. G: Overlapping? K: Yes. Instead of a space between each photograph, you may have an overlap. G: This is what you are risking. The film may not be in proper position, and you will constantly be getting half of one and half of the other. S: Why? G: Because it is not set up to center the film. S: I see. What if I have to make ten more pictures in a hurry, and I have to take them out -- I start with a zero? K: Yes. S: But you can't start with this position? G: You might, just be chance, hit it right -- by chance. K: Well, George, if he's going to take ten frames of one -- and then ten of another, he may just as well go on on the same film.. G: This is just a theoretical question -- not a practical one. He meant ten at once, and in a half-hour ten again, something like .. S: I'll watch the frames, that's all.

5. K: The frames exposed earlier -- I'd just like some comment on them -- how much light? H: Just a moment. You would like to know about the other film that was done in daylight? K: Yes. G: This is about those which we developed for you before. K: That had about the maximum exposure. In other words, the light was maximum. S: And you could not read anything? Ask them -- when it is a bright day, what am I supposed to do, move the table back? G: Exactly. S: Now it will be summertime; it will be bright -- how does he advise, as an example, if there is a bright sun? G: He wants to know -- if the sun is too bright -- how many meters from the window? K: I can only say that he must remember the light with which he had the most success in the past. G: It will be necessary for you to remember and try to recreate the light with which you had

the most success before. It is very difficult to determine the amount of sunlight. S: But if the light is very bright? G: Then, of course, you would be further away. S: Well, will you be able to read it anyway? G: It will not be very good -- some we'll be able to read, and some not. S: That will not be good. J: I think he's got this in parameters of very bright sunshine. S: That's exactly what I am talking about -- this weather. G: If he says on the darker side of light he'll be better off, maybe in the middle of the room. H: -- Or perhaps, with his back to the window. S: No, there will be shadow. G: Shadow is not so important. K: His own shadow is alright. S: If it's a very bright day? G: On a day when the sun is bright, if you stand with your back to the window there is shadow, yes, but there will be sufficient reflected light. S: Only? G: Yes, because the sun is so bright. It will come out anyway -- and it's better this way than to risk over-exposure. S: It's clear. Anyway, I'll try to pick a happy medium.

6. G: You already have some idea; you've been feeling around. You already know what to avoid, besides, as you know, the bulb is more dependable. S: No, I'll have no chance to work with the bulb. Work ends at 5 o'clock. I can't take the stuff home with me. The only place I can work is in there behind locked door with the key in my pocket -- only in the daytime -- in daylight. G: You'll have to learn to gauge whether to come closer or stay further back. Anyway, it is easier to hide it quickly because there is no light bulb burning. It's even more secure for a fast "put-away" -- the instrument, under sunlight. He doesn't have to bother to set things up or to measure. S: If I use the bulb -- it is 100 and 60 watts. G: One-half to one meter is 100; one-fourth to one-half meter is 60. S: Alright, it is all clear. The photographs will be good. (K is leaving. Everyone goodbyes him and thanks him.) G: (to H) You have the little cassettes which he might need? H: Yes, I have lots of these things. If I can just remember where they are.

7. S: I have an important announcement, very important. Today, he (SHAPOVALOV) is going to meet his recruited agent as well as other people at the Pakistan Embassy. Of course, he will talk to several people, but he must be watched. He told me today that he has contact with, and wants to recruit, an English Communist.

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Permission has been requested from the Center, but so far there is no answer. A British Communist. H: An Englishman-Communist. S: The prospect says he just wants to work. He says he doesn't need money -- his objectives are purely political, but they are "feeding" him a little. If I were going to be here another 10 days or so, I would uncover the entire AGENTURA. I already know about two people through SHAPOVALOV -- the Hindu and the Englishman Communist. Simply surveils them and they can be easily spotted. I heard that the Embassy was very gravely impressed, and has already notified Moscow, about that sentence of 42 years. This is a very severe sentence. I heard today that the wretch who received it is 38 years old. His sentence is 42 years, so he will be 80 years old when he gets his freedom. A very strong impression! The order has come down to the center to work seriously and be very security conscious. H: This is today's order? S: Yes, they informed them (Moscow) yesterday and today a telegram arrived from there with the "security" business. Their mood right now is very "bad". They say that this will discourage people from working with us. S: You have written down the auto number 462 -- his private car. He will be talking to his agent today - actively.

8. Q: What else? S: Now, here are the bills for the things which I have bought so that you will know what I'm buying. H: Don't worry about that. S: And I want again to start with WYBEE. G: You don't need these? (bills) S: No, what for? I want to start with WYBEE. I saw WYBEE today. He (WYBEE) is getting certain receipts for us. He is getting us ready for departure and I can sense what his mood is. I see why; I seem to look at things simply but I understand everything. WYBEE feels right now that I have a good deal of money, that I have been rewarded. He gives me glances and hints, which say that I should "fix him" also. I ask you to have a talk with him - a good talk, a friendly talk. Explain to him that he will be paid well and backed by you and that if he continues to work well with me he will always have enough of everything, even in the future. G&H: Right. You are absolutely right. S: You should tell him like this -- "(Subject's true name) is a generous fellow, but you should not take money from him." This is so he won't think that I am greedy.

9. S: You know when he was in Moscow and I tried to talk him into taking the documents out he was afraid; he said it was none of his business. WYBEE was my last chance -- or I would have gone to either your Embassy or to the Americans. I would have been "burned" together with the documents. I don't know whether you would have flown me out or whether I would have lived there.

I had such impulses and intentions. WYTHE did not want to do it at first, he was very much against it. He was afraid. Oh, how he was afraid! How I begged him and persuaded him. Of course, he understood that if I met with success, I would get him gold medals! After all, he is a merchant - you must realize this.

10. G: We will take care of him first rate. You said yourself that he was pleased when you saw him. S: Very pleased! But I ask you, please find time tomorrow to call him in and talk to him, before my departure -- so that he will understand. Otherwise, he will think, "Eah, that (Subject's True Name) he begged me so; he was so persuasive." Now he sees that I am sure of myself and that I am spending lots of money - the pounds are just flying here and there. He thinks, "Why doesn't he give me some? What an unscrupulous fellow. In Moscow he talked me into this and now he doesn't want to give me a share. He's greedy, no good". This feeling will lie like a stone inside him and that's the way he will feel when he comes to contact me in the future. Imagine! This should not be. G: It will not be. No. S: He has personal tendencies like that. He is a merchant - a tradesman. He feels, "I have done something and want something in return". If there is some gain from his action - pay him. He is a poor man. I want you to understand this delicate feeling I have of the situation. Perhaps I am not making myself clear. G: You are worrying for nothing. This will not happen. S: Today we had a conversation of this kind. G: He's inquisitive? This is none of his business. S: He is inquisitive and he feels that I have money. And he will say, "What kind of second-rate are you? You begged me so over there and here you don't want to give me anything. It is no matter that I get mine from them -- from the government. Why don't you share what you got?" This is what I felt. I am sure of it. G: He is satisfied. He is very well reimbursed and feels quite happy. S: Perhaps he understood me to mean, in Moscow, that if he would do this thing, I would "thank" him perhaps, he has such an impression that I promised this to him because I was desperately trying everything. G: He is not offended. Don't worry at all. Don't fret a bit. S: I don't want him to have any bitterness when we say goodbye tomorrow at the airport. "Aha, you grabbed what you could. You got yours. Now you don't need WYTHE". G: No, it won't be like that. No. S: I did not tell you yesterday but I felt it. I am a very sensitive person and I felt it. G: There is no cause for it. S: I swear I am not wrong. I think that I told him in Moscow, "If I have it good, you'll have it good". And now he is wondering why I changed my line. This is a very important matter, especially since I'm going to meet him at the end of May. I ask you to reassure him tomorrow, tell

him that (Subject's true name) is a kind man. G: We will tell him that we have forbidden you to give him money. S: That's it. Tell him that you have forbidden me! H: This is right. S: Tell him, "You will get everything. Work a bit more". And when you tell him to work some more, he will get more steam up; he will make more effort; he will be careful. H: That's absolutely right.

11. S: Here is another detail -- you must know everything. When we were at that night bar, he invited a comrade and two girls, for himself. I had my own (girl). I said to him, "It is embarrassing for me to pay. You give her the money." So I gave him 15 pounds, and he gave it to the girl. Then they were there for some time longer - drinking, eating, fooling around. That was none of my business. He said to me, "I have blown 55 pounds." We had stopped in another restaurant before this. He was giving a broad hint. "All this was for you, I'm a poor man. Why should I spend 55 pounds on you?" This is the way he was hinting today. G: These are all mere details. Don't worry; we'll fix it all up with WYNNIE. S: It's my duty to express my opinion. I will be working with this man. This will be a big link. I received this note today (telephone call) and I decided to talk to you right away. Tell him carefully, "(Subject's true name) has asked for some money to "thank you" but we have forbidden him. We want to give it to you ourselves." Tell him, "You'll get what's coming to you. Work well, and you will get rewarded." And I, here and now, promise you that I will work so hard that I will do enough for both WYNNIE and for me. It is clear to you what I mean about WYNNIE? G: Yes, of course. S: Thank you.

12. H: And just in this connection, I'd like you to tell him that he shouldn't mention to WYNNIE this business of meeting with KROGLAND because that would upset him. S: OOOOH! NO! H: Under no circumstances. S: (almost indignantly) Mr. Harold, don't you think I ... H: Yes, yes, I know. S: I wouldn't say a word. G: But a word of caution had to be repeated. S: You are right -- and WYNNIE doesn't ask anything.

13. S: So, MERRIDIAN comes tomorrow morning at 9:30. GENERALOV doesn't feel at all well. By the way, GENERALOV was in America but he did not do anything. He worked very badly in respect to Intelligence. Are there British photos today? G: Yes, later. S: I was thinking we might work it this way - start with the photos because in about 40 minutes I must call my people who are coming back from the Embassy. They are all extremely busy just now. Each one is writing something for the Embassy. I have to spend 30-40 minutes with them at supper because only I can sign the bill. Now, again I ask you, "Mr. Harold, when you are talking to WYNNIE, remind him to give each one of the delegates, including myself, receipts for 2 pounds, for each day, as we were

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advanced. There are 15 days to account for -- that's 32 pounds per person. Eleven days we were here and 5 days in the other cities. Each of them has to account for 32 pounds. If we do not, there is hell to pay. WYBNE knows all this, but remind him again. G: Receipts? S: Receipts, copies of the bills. Only be sure that the bill does not show that the price of breakfast is included because according to Soviet regulations you must pay for your food out of the food allowance and you are not to use the housing allowance for both hotel and the food. G: You're speaking of breakfasts, but that does not appear anywhere. That's included in the room price.

14. S: No, you see, hotel and meals cost each one 4-4½ pounds per day, but the companies pay the difference over 2 pounds per day which we are allotted. G: Oh, so you eat on special orders? S: What do you mean on special orders? G: Not according to the included breakfast menu, but a la carte? S: No, we eat breakfast, and then we eat lunch. G: Ah, and lunch! S: Lunch - and we don't pay this money. The specialists are so happy! Well, let them be. G: Well, there will be nothing showing; it won't appear. S: Some hotels say "Including Breakfast". H: If they have special breakfast they will put it on the bill separately. S: Special breakfast. That's right. And this must now show up on the bills. All that should be shown is £ Per day and the name of the hotel. G: Can they get separate bills? Can they do that for them? H: I just don't know how the hotels work. I'll have to find out. G: I think they can do it. If you ask them to split it up -- extra items here and the hotel room charges here. S: WYBNE knows all about this. If you tell him he will take care of it. The bill should say "Hotel Mount Royal -- 11 days. Received for 11 days -- £22". G: Excuse me, but suppose you paid more than your allowance for breakfast. Can't you say you paid for that by cash? S: They'll say, "You paid cash? That's impossible. The company paid for your food! You only get 30% for everything". Then they'll start withholding again. Oh, they are clever with money there. For a kopeika they will kill a man. This is why I ask this. I explained all this to WYBNE; you just remind him. G: Separate accounts -- room on one, all extras on another. S: We don't need copies of the food bills. G: Yes, but for the hotel they have to separate their bills somehow. H: What happened in the other hotels, when they were at the Midlands? G: What did you do when you were traveling? S: We paid £ 2 per day for the hotel where we lived -- for five days, and 11 days here. G: How about the bills? S: WYBNE has the bills. He collected them. G: And they are correct? S: Correct. G: Ah, they were correctly made out. H: Oh, they are alright? G: Yes. S: Only the Mount Royal? G: Only the Mount Royal. Before departure for the country and after arrival -- or how? S: It should be as it happened. Three nights we spent here, then 8. So that the total would be 11 days, and then the 5 days in the other cities will make it 16. (G translating) H: The bills

for the 5 days were alright. Now you want separate bills for room only for every man, and separate bills for extras. G: You see, he can't pick up the bill alone for £ 160. It has to be £ 32 five times. S: This is a guide for me. It is important to make sure of every detail so that the bookkeeping department will have no bones to pick with me. That's why I ask you for this big assistance.

15. G: Listen, you have about a half hour now. We have a very important program. I suggest the following -- you can look at the pictures another time or later. Tomorrow, we can finish them up. I want to go over the main things. What are we going to cover in order? Operational instructions. What and how things will be done. Then I will explain briefly -- and even in detail -- the main missions which you will be given. S: Can I put them in my pocket? G: You can. How about writing them in Russian. S: Fine, I will. G: Thirdly, there will be some questions and the photographs also. I want to give you some instructions with the one-time pads. When you come back, I'll show you something else. This is something different. The size is different. We won't open them; they are sealed on purpose. S: Even one is not opened? G: No, they have to be like this. S: I understood all this from the instructions. The numerals are bigger, aren't they? G: Yes, much bigger - not quite this large, but almost as large. S: These are the first ones (code), and these the second (decode). G: You write with these (code). S: And I decode with these (RASKRYVAYU). With this I write -- encode. Well, we will write some more later, when I return.

16. G: Since we have about 20 minutes left, I will go over the operational instructions. Then we will review them when you come back. S: Shall I take any notes? H: Perhaps, George, when he returns at 9 o'clock or so, wouldn't it be better to go through this routine then? H: You can only start on that aspect now. G: I was proposing to read this and then review it when he comes back - to make sure he has it cold! S: Tomorrow we will be working very hard. G: On the contrary, I was trying to get as much done today as possible to leave more time for rest and for relaxed review tomorrow. S: Rest! What's (so important) about rest. Rest can be had on the airplane, when I get home, Saturday and Sunday. G: If he's going to stay longer, let's get on the road with this. S: This is a historic room. Someday there will be a memorial plaque here.

17. G: Let us begin with this (radio code and signal plan). Why? I'll tell you. The radio man will be coming to check things. He will come just as you leave. He will wait. When you return, he will have tuned everything up and all will be set. Before that, I want to... S: And then I'll take my instructions sheets. H: Well, let's show him how to do it. S: Perhaps I should talk a bit first, and you listen and check and see how I understand it. Can we do it that way? G: We can. Please go ahead. That's very important.

18. S: At the predesignated time, at the exact hour, I receive my signal -- 163, which will be transmitted for a period of 5 minutes. G: First of all, what is that exact hour? S: This will be at the appointed time. G: What time? You know what time. S: Yes, you told me. Midnight. (POLMOCH') H: Midnight. S: Midnight (laughs). G: Midnight of what day? S: On Saturday and Sunday at midnight. G: For how many Saturdays and Sundays? S: A whole month. At midnight, for a whole month, on Saturday and Sunday. G: From the 1st to the 31st inclusive. If the 31st is a Saturday, and the 1st is a Sunday, the month ends here (Saturday) and a new month starts (Sunday). S: Anyway, it's Saturday and Sunday -- no matter where the month ends. G: It will be repeated and repeated. So, if you listen just once a month, for even a few seconds, you will know if it isn't yours or if there's nothing there. Listen for the numbers that come after 163. The first one if it's higher than 5 -- then it's a dummy. S: Yes, then it's a dummy. If up to 5, and including 5 -- it is mine. Over 5, up to 9 -- not mine. Then after this 5 minute calling period, there will be a long dash, which will sound for 5 seconds. Now, in one place it says 5 seconds, and in another 2 seconds. So on this I had a question. The 5 seconds is what I memorized. A long dash which will last 5 seconds. Now, (S mumbling to himself going over the instructions) here, the next example is ... G: No, that's something else. This is the repeat -- when it repeats.. S: Oh, I see. Now that's clear. G: Because when it is repeating, you don't have to wait that long. The repeat is just for checking purposes. S: This long dash is a signal to me for attention because right after the long dash the message (DEPESHA) will begin. This is clear. Now, I get the first 5 numbers. The first number is the important one for me; the second one is not important; the last three numbers indicate the amount of groups. There can be no more than 100 of these but the number (will correspond): If the last two numbers are 78, then it will be 78 groups. Correct? G: Right! Absolutely correct. S: After the first five-number group, which is by way of an indicator, to show me that this will be "mine" and to tell me how many groups, so that I'll be ready to take them -- the message will begin. It will be repeated with certain intervals -- a number, small pause, number. I only ask that the intervals be a little longer. After this, I get a break (PERRYV), which

will be followed by a repetition of the message. After the repetition, during which I can check and correct everything, I will again get the group -- my call -- and 31, which indicates the end of the message. These two groups -- the first group of 5, and the second group, and, of course, the 31. This number is not part of the group. They are separate. If it indicated 78 I should get 78 groups not counting the first group of 5 and the last.

G: Exactly. S: After this -- at the moment I am listening -- as Mr. Joseph advised me, I make dots like this, and dashes like this. Now when I have strained them all out, I begin to write down the numbers, the meanings, according to my control chart -- three dots, dash -- a 3 -- etc, a dot -- 5 -- etc. So now, after this I have written down the numerical meaning, and I have finished all the preparations and have received the numerical message, the groups. Now I begin to decode.

19. G: Alright, let us suppose you received this and at the end you see this. You have written it down ...163. The repetition doesn't matter. Here's 31. Now, this is not part of a group; you have heard the 163 -- just as an example -- then a pause -- and you have written it down. These group separations mean there are 33 of them. Now tell me what all this means.

20. S: This, the first group after this, indicates which pad I must use and which line to begin with. G: In what instances is this? S: If I have already worked with it before. G: Just the opposite -- only if it is the first time. It is only given once. If this is the first message -- you have taken it down for the first time -- and this group appears -- only if it is the first time you are receiving it. Of course, if it's a "live" message ... to tell you where to look -- here, there or elsewhere...

S: They all have different numbers. G: And they are all 2's (decoding pads) -- you receive on the 2's. S: And on the 1's, I send. G: Yes, you send. Either SW or radio. We are not using any radio right now. S: This is for me for the SW? G: At the moment. It applies to the radio also. Is it clear? S: It's clear. G: So, this is the first message by radio -- live message. S: This first group is to tell me which pad to use. G: The first time! The second message -- telegram -- won't have this! And there'll not be another such number until you switch to another pad.

21. S: How will the second telegram be then? What will this first group, the one after this one, represent? G: This will be the first group. And what is this group? (line indicator) S: Aha! This group then will indicate to me which line I start with. G: Exactly. In the first message you get the number of the book. S: In the very first message; the "live" (BOYVOY, RABOCHY) message. G: This, will be the first line. Then it goes on and on and on and ends with the pad number. Here take a look at it. S: Aha! Yes, I understand it now. It must not be touched any more; it is only given for control purposes. G: So, you begin with this number -- the

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first actually real message number. S: So in the first telegram, the real group will be the third one, and in the second message, the real group will be the second one. After, this one won't appear.

22. S: Now I ask you, please show me -- as though this page were not there. G: Surely. S: Here is the first page, the first line; and here is the first page which I'll open here. How do you open it? G: With a knife. (G&H showing Subject how to open a one-time pad.) S: I don't open the other ones! They are secret, so it's better that I don't see them. G: That is right - it is so you will not lose them. G: Then you figure it out. You use false subtraction. When you figure it all out, you start to write the numbers you worked out, after this first one. S: And then, according to the amount I get after I subtract -- I'll be (subtracting) all the time -- I'll start to decode the letters, figure out the meaning.

23. G: (Explains to Subject how to transcribe the numbers of the message into the literal text.) S: Tomorrow make me a real message. After all, you won't be standing in front of me to guide me. You will prepare it for me? That's fine. I will assume that I received them and then I'll work. I have a small suggestion. Send me two messages, one will be a "first" and one the "second". Then I will finally understand it all. G: Certainly. This is very important. Once you do this, it will always be easy. S: It will stick in my mind. G: Agreed. You're leaving now? S: I'll have supper and come back. We have another five minutes anyway. You'll give me two problems -- message #1 and message #2. Give me the numbers as though I had already "caught" them. G: A pencil is a good thing to have for this, a pencil and a large piece of paper. S: I will take my notes and these things I will leave here. G: We'll prepare something quickly. S: Two messages. And I'll do what I'm supposed to do -- subtract, etc. I'll go now. G: I won't touch your book because I'm using the coding book for my message that I'm sending you. You won't see anything there in your book but the printed numbers. S: Only be sure that there is some sense to the message I got so that when I compute it from the pad I'll have a logical result. G: Of course. S: I'll try to be as quick as I can. G: Do everything you have to. No one is going to run away. S: These things I'll leave here. I wonder if they have returned from the Embassy. It is probably inconvenient to call from this room. G: No, better from your room.

24. (Subject left for his appointed supper engagement at 2100 hours. Subject returned at 2210 hours.) S: I told my delegation that I am going to sleep and that my phone is disconnected. J: Here are your messages. G: This is your new pad. S: I have received my call number and 27 groups. (Subject examines two coded messages prepared by George and Paul.) (Subject

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decodes the messages. Subject says he understands it all and doesn't want to waste time going over all the details but he made several minor errors which were called to his attention. He is given the second message and works on that with George. Again he is told about Number one and Number two pads -- which to use where. Encode on #1, decode on #2, also which frequencies are for Summer and which for Winter.) G: Higher ones are for Summer; the lower ones for Winter. S: Now again, let me time the frequencies on the transistor. (Subject experiments.) S: Anyway, I will always listen on the short wave, not on this one. G: On that one you can hear the news of the day. It is the standard broadcast band.

25. Paul: What I want you to do is to recognize what I have written down here. Just follow it with your eye. G: Can you recognize what that is? He is repeating so you can recognize it. S: I have one question. Let him show me how the multiple dots sound -- the dots that come after my call number, 163. G: (Translating to Paul) We will do it all again completely. S: He's giving me 163. G: Right. S: These are the multiple dots, then the long dash. G: How long is the dash? Paul: About that long -- 3-4-5 seconds. (S working on practice tape) Paul: Write them down, if you can. I'll go slow -- I'll give you time. Later you'll forget about this, it will be so simple! (Subject practicing reading signals) Paul: Now let's try the broadcast. (G explains to subject that the beeps won't sound in Moscow like they do here since these are slow speed.) S: That is too fast! G: My dear man, he's making it fast right now because he's just repeating 163. When he begins to send the message he will slow down. (Subject practicing some more.)

26. (During a short break in practicing reading signals, the topic shifts to teeth, and cavers.) S: These 5 color samples -- let me have them, a few of each, and my physician in charge will choose. It will be better to have them matched in daylight. (This is in reference to Subject's bridgework-to-be, for which he is being supplied the material from which his dentist will make 5 teeth to replace Subject's defective 5 false teeth.) G: How many altogether do you need? S: Five in all. G: Ah, I found it -- it's either this one or that one. (matching colors) H: It's either shade #5 or #6. G: #5 is probably the closest. (Still arguing about the shades of teeth - Subject likes #3.) G: That's white like a baby's. S: If he can't have #3, it must be hard to get. (Finally he is convinced by G & H that he should take shades 4, 5, and 6, five of each.)

27. (Now Subject returns to practicing reading radio signals.) G to Paul: Do you want to demonstrate this yet? That will finish the radio review. Paul: When you get this receiver, I will see that you get instructions

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with it. G: (Translating to Subject): You'll get complete instructions -- written in Russian -- and a photograph illustrating the set. (Paul explains details of the RR-22. Subject is made to go through the tuning in process, and is shown the differences in the tone and the background noises -- and is told to get used to the one which is better for him.) Paul: Now shall we review the battery charger once more? (Subject reviews the procedure for recharging his battery.) G: Do you have a little secret book where you can put down some information? S: Yes. (Subject is now given a Moscow telephone number to call after his return to signify his secure arrival.) G: Write down -- from a phone booth, 9 o'clock in the evening, Moscow time, 8 May, Monday, and the alternate - on the 9th of May, at the same time. S: PM, not AM, at 2100 hours? H: That's right. G: Call the Number 948973. Three rings, one minute later another three rings. H: This means everything is alright. G: If anything is wrong, then call the same way but ring 5 times - to be certain - repeat five rings.

28. S: All is clear. Now let us go to the next item. G: According to schedule, WYNNIE will be in Moscow by the end of May or the beginning of June. S: The beginning of June is not good because the exhibition closes the 4th of June. G: Probably it will be in late May or perhaps it will be on the 1st of June. Anyway, you will meet him at the airport; check to make sure that his baggage has cleared Customs with no trouble. Then you will take him to his hotel. The suitcase which is for you will be left in the car and you will go off with it, after you drop WYNNIE off at his hotel. There is no need for him to take it into the hotel. S: No, why carry it around? G: Now let us repeat this again. You don't have to write anything down. S: I'll be meeting WYNNIE and I will be carrying my briefcase, where everything of mine will be wrapped up and ready. H: Yes, yes, this point is also included in our plan. G: You will pass to WYNNIE the material which you have gathered for us. This will include documents you picked up, undeveloped film, and those documents which you have already. S: Top Secret and Very Important -- if I get some -- and those papers I already have on the Academy, etc. G: If you consider it necessary for some reason to write us a letter in SW fold it up four times and attach it to the material. This is only if it is necessary. If you want to write a letter in plain text, the same thing goes. After WYNNIE receives the material from you in the car, he will go into the hotel, wash up, settle down, and then he'll go down to the Embassy as soon as he can and will rid himself of the material. S: The man (in the Embassy) must be alerted as to the time of WYNNIE's arrival. H: Yes, this will be done.

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29. S: I want to repeat this. I will give the material to WYNNIE in the car and I won't leave the car. Where will WYNNIE put the material? We have to think this through. WYNNIE should have a briefcase or bag. G: WYNNIE will carry one of those small traveling bags where one keeps the shaving equipment, the kind one takes along on a plane. He will come off the plane with it. It will be a perfectly innocent item. Then he will take it in the car and will put your material in it. S: He must hang on to it. G: He will take it by hand into the hotel -- then, quick as a shot, he will go on to the Embassy at his earliest opportunity. He will be expected there. He will deliver the documents, which in turn, will be sealed and sent here. If by any chance you have any large documents, which will not fit into WYNNIE's small traveling bag, then while in the car there is no reason why he can't open one of his suitcases and shove the stuff in there. S: Yes, he will have his shirts and things in there and it won't be noticed. G: So, you will have a briefcase or a small suitcase. S: Briefcase. G: It depends on the size of what's inside.

30. S: I have something I would like to ask. I don't like the idea of WYNNIE walking around the streets, etc. The man who is going to be expecting him, should be somewhere nearby, even if he has to be waiting there a long time. It may take us a while to get through Customs, to get the passport checked. Perhaps he should be waiting for him in the hotel. After all, I'm just going to drop him off near the hotel and leave. I'm not even going to see anyone, not even the clerk on duty. This man must see WYNNIE as soon as he gets in. This is my way of looking at it. Perhaps you feel differently, but I feel that WYNNIE should not be left holding my material for any length of time. G: He wants a man to meet him. S: The man should be waiting for him at the hotel. H: This will be dangerous. G: It will draw suspicion. G: WYNNIE has legal and personal reasons to go to the British Embassy -- to report, to deliver a letter. S: Yes, this is realistic enough. G: So, he will go with his suitcase to the hotel. He has a room in the hotel. Then he will simply go to the Embassy. S: Well, I'll leave the security details for you to work out.

31. G: But here is another important matter. While he is with you in the car, you must arrange with him the time and place of your next meeting with him. S: For this, I'll go to his hotel the next day. H: But you must tell him when. G: Exactly when -- very exactly. It is important that the time is exact, because then WYNNIE will know how to arrange his time at the Embassy with the man to whom he will give your material. He will then be able to arrange with this man when he (WYNNIE) should pick up the shipment of items which are to be passed to you by WYNNIE. If you say to WYNNIE, "I'll see you tomorrow

at 6 o'clock in the evening" then when WYNNIE meets and talks to the man at the Embassy, he will make arrangements so that he will have the shipment for WYNNIE to pick up for you by 5 o'clock the next day. Then WYNNIE will get it and bring it to the hotel and give it to you. This is necessary so that WYNNIE will not be holding the stuff -- the various purchases -- for two or three days. After all, it may be dangerous. They may search his things. He is a foreigner and those things are done when he is out of his room. S: I understand -- very clear. This way he will get the things for me and I'll take them right away. He will not keep them overnight. G: You have to let him know when you will meet him so that everything can be prepared and readied at the Embassy and held under seal for you. S: Completely clear. I will work this out. G: What sort of things might be there? For instance, some more cassettes, perhaps another receiver, some more instructions -- in addition to your purchases.

32. S: Incidentally, let us think about this special receiver. I don't think you should send it to me just yet. I still have to find a hiding (TAYNIK) place for it. This must be worked out first. Don't send it just yet. G: Yes, it is better not to send too many things at one time. I'm only giving you an explanation why WYNNIE should not hold the stuff too long. If he knows exactly when he will meet you, he can go to the Embassy a half-hour before, pick up the stuff, and then see you and give it to you. S: This is all very clear.

33. G: Now here is another thing I want to tell you. If, for any reason, WYNNIE can't go to Moscow, then we will leave you a note in your dead drop, with instructions on how to deliver the material. This note with the instructions prepared will be placed just prior to the Sunday when you will receive a call exactly at 10 o'clock on your home telephone from a phone booth. S: On a Sunday? G: Yes. S: This then would take place after the expected time of WYNNIE's arrival? G: Yes. H: This will be in June, at the end of June, not before. G: When the man telephones you, the telephone will ring three times. S: Exactly at 10 o'clock in the morning? G: At 10 o'clock. (Aside to H): Shall the call be repeated or not? H: Yes, it will be repeated exactly the same as his (Subject's) call. No, no, the call won't be repeated this time because after all his family will be there and it would look suspicious. S: But anyway, this will simply be a signal for me to go to the dead drop. G: Exactly. H: Exactly. S: I don't need the red signal then do I? And I go to the dead drop as soon as I get the signal? G: Yes. S: So I get into the car and go -- at 10:15 I'll be there. G: It is easy enough to make the call at 10:00 exactly. S: If I take a taxi, I will get to the Center in 7 minutes. G: This would be done after the drop is loaded. The note may be placed there 15 minutes before the phone call so that everything will be in order. S: It can stay there a half hour or a half day if the children are not playing there. I have reliance in this dead drop, but actually it should not stay there long, no longer than an hour.

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34. G: Now, here is another means of communication to you, when you get this receiver. For the time being you will be practicing on the radio. When you get the good receiver then possibly one message should come each month as a maximum. Of course, a live message may only come once in 6 months. The signal will always be there, either live or dummy. S: That is clear. G: Now, we are still talking hypothetically -- say WYNN is not there. If ever you go anywhere in Moscow -- to some official meetings, receptions, where there will be Western diplomats and someone approaches you, completely by himself, and says, "Greetings from Charles PERKE"... H: And also the bit about the tieclasp. G: Yes, I'll show it to him in a moment. G: This will be the man who will be ready to take a message from you. H: He will either give you something. S: Or I will give him something. G: Now, as another recognition signal, here is a little gift for you. It is of no monetary value but the man will wear one like this. S: And I have one like it. G&H: You don't have to wear it. G: Is it blue or black? H: This one is black; these two are blue. S: Let's take the blue ones. H: No, because this man might be either British or American. (G explains that we don't want the same identical tieclasps to parade up and down all over an official reception.) S: I won't wear it.

35. G&H: No, no, you keep this blue one just to be able to recognize the others. S (Repeats the recognition signal): "Greetings from Charles PERKE, and his wife." H: But the main thing is the name Charles PERKE. S: Thus far everything is very clear and fine. G: Now, in case all methods of contact fail, you cannot receive by transistor yet and both May and June has passed -- only then should you think about throwing a package over the wall to the American House at exactly 10 o'clock in the evening -- 2200 hours -- on the first Saturday of any month, beginning with July. The alternate time will be on the next day, the Sunday following the first Saturday of the month. S: At the same time? G: Yes, the same time. 10 o'clock in the evening, Moscow time.

36. (G explains that the recipient of the package will be waiting around for some time and that in case someone is in the area who can observe Subject, several minutes before or after, 2200 hours may be a more convenient time to throw the package. The recipient will be waiting a good 10 minutes before and after the hour.) S: Where do I throw it? G: The exact place -- over the wall, of course -- is where the wall joins the building. You can't miss it. S: This is behind, not on the side? G: It is off Zurehaninovo. Here is the Naberezhnaya... S: Wait, let me sketch it. I know the place; I've been there 155 times. Now, here's how I understand it. (Subject sketches surrounding area

the Moscow River, the hill, Turchaninovo, and finally the building itself, the windows in the semi-basement, the kitchen. George shows Subject which way the building is located in relation to the wall, and also points out that the wall extends in another direction -- a large, 4-meter wall. Some more explaining regarding the mechanics of throwing an object over the wall so that it will land inside the courtyard. George even draws pictures. The idea seems to be that even if the object hits the wall, it will still be inside the courtyard, as long as it clears the wall.) G: Don't throw the thing any other time, only at the designated time, and only if something unforeseen happens and you don't hear from the normal contacts.

37. S: Now with respect to official receptions to which GREEK people are invited -- it is not necessary to call me personally. No, he doesn't know me. Your Chief of Protocol has to call -- depending on whom he gets on the line -- actually it doesn't matter too much. Anyway, you have to extend the invitation from your office. You will be asked how many people are invited. If you say two or three, I won't get in on it. You must mention the member of our committee -- our technical and scientific liaison personnel, and invite about 8-10 people. Of course 10 people won't come, but this will get to the Chief of the Section and individuals will be selected. Then I'll be able to pick out who will go. That is the idea. You must invite an abstract member, and not one or two people. If you do the letter, they will only send the big chiefs. H: Right, we'll fix that up.

38. G: Now with respect to the throwing -- if it is not convenient this time, a month later will do. Just remember, the first Saturday of the month. S: It can only be the first Saturday in August. G: Yes, the earliest date is the first Saturday in August. If for some reason it is not a good day, make it next month. It's not such a big effort for our man to be on the alert on that one day of each month. He will be waiting. S: He will be waiting in any kind of weather? G: Of course. S: If it is raining, and I come by car.. G: So much the better. S: And he can be waiting and getting nice and wet? G: He can step out from within at the right time. S: Of course, he won't be there that long, but it is a good thing that you made the leeway of 2 minutes before and 2 minutes after the exact time because if I'm driving I will see that the watchman on duty won't be looking in my direction when I throw. S: Maybe we had better make it 5 -- 5 minutes before and 5 minutes after the hour of 10. G: Fine, let's make it 5 minutes. Maybe there will be some woman walking with a man or something like that. H: Only if all other means of communication have broken down. G: Don't worry about the weather. The worse it is, the better for us, because there won't be as many people around.

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39. G: Now, the last point -- if by some chance you are in another country, not in China or in the Soviet Bloc, but somewhere where you can "breathe" a little... H: This is in case we had not learned of it beforehand. G: You can let us know where you are by the following method. The telegraph address is Laboricht, London. S: How will I let you know? G: He wants to know what text to use. S: No, I have that. Who will accept it? H: At the post office. S: No, they won't accept it. G: We are talking of the Western countries. (Subject, and everyone else, with great relief -- OHHHHH!) S: But I have to get a visa first! G: My dear man, I'm saying if by some chance you happen to be in West Germany, Austria, or Turkey -- not the Satellites. S: Oh, to contact you from that country... G: That's right. (S writing down the address.) G: And you sign it Alex. S: Written with an X. H: And you say, "I'm staying in Vienna, at the Hotel Bristol, for 4 days". That's all. G: If it's a Western country nobody understands what it's all about anyway and the message goes uncollected. S: Do I need a stamp? G: You send this by R-E-L-E-G-R-A-P-H! S: Oh, by telegraph! And what do X say? (G goes through the instructions again about staying at the hotel and so in such and such a city, etc.) S: "Alex", that's a nice name.

40. G: All instructions to you about how to pass material to the lady with the child -- how and when to do it -- will come to you either through WYHNE, or will be in the dead drop. S: Again, my dead drop? G: Yes, there will be instructions on where to pass documents, cassettes or anything else. S: Yes, I understand.

41. S: Here is another method (I offer). When to use it will depend on the necessity. If I must have a quick emergency meeting with someone, I can let you know through my dead drop and the place will be the one which I have found near the Tretyakovskiy Gallery -- that is a good place. G: You mean near REPIN's statue? S: Yes. As to the time -- it will depend on the time of the year. At this time of the year, Summer, it is still too light at 8 o'clock. Ten or 10:30 would be better. The place is already known to us. We will speak only of the time and the day, and the recognition signals can be worked out. G: So, you suggest for the person to stroll by the Monument of REPIN. S: Across from the MOSKVA River. Not near the Monument of REPIN on the Naberezhnyy (Embarkment) side, but on the other side, the way I have drawn it. You can give the recognition signals through the dead drop -- such as what he or she will be wearing. And also "from Charles PERKE".

42. H: You may tell him that with regard to the lady in the park, what I propose to arrange is to decide which is the best place for her. When we have done that, we will photograph her and the children in the park so that he will recognize the wife, the children, the pram, and the place in the park where she will be playing. S: Very good. H: Can you tell us what will be the best day for you? S: For this operation? Sunday, since it is my day off.

43. S: Now, in the most extreme case, if for some reason we can't use any of the other means of contact... The Committee is frequently visited by English representatives. Americans come in also, but more frequently the English. BERGER -- and some other names I remember came from the firm of LEICA or some optical firm -- anyway, here is another variant. These representatives often come to the Committee. I will try to come out to talk to a certain man. It won't matter if there are other people there. I'll try to arrange it so I can go out to talk. You (G) will arrange with one person and you (H) with one of yours -- and when I come out, we can exchange greetings and names. He will ask for my name. When I give him my true name, he should ask me, "Were you not in London at such and such a time? (The time that I am here now.) It seems to me that I saw you when I was there at our British exhibition". I was at the exhibit; I was in London; everyone knows this. This will be my signal. This is the man whom I will accompany to the door when he leaves. We have a waiting room on the sixth floor for all foreigners. It has an elevator to the first floor. On the way down in the elevator, let him give me what's necessary. I always accompany WHITE when he leaves and other foreigners. There is nothing unusual in this. I meet them on the first floor also, but on the first floor he won't know me yet. I could, I suppose, tell him on the first floor as I greet him my true name and then he could give me (the packet) on the way up -- even before we have our talk. There is a chance he will get to know who I am downstairs, but upstairs it is certain that he will learn that I am (True Name). Then he must give me the pre-arranged password. (Subject repeats, with elaboration, the business about being seen in London between 20 April and 4 May at the exhibition). Even an American can say this. This is as a last resort. We can do this, if necessary, a year later.

44. S: If all else has broken off, you can give instructions to your (G) man or to your (H) man to go to the Committee. I will be looking for him. We keep a sort of registry. I have to see to it at 10:00 every morning to keep track of who is going to be present. It is necessary to see that there is Seltzer and sweet water and cigarettes ready for the British. If I am working already working as Deputy Section Chief, I can always use my initiative. As soon as he hears my name, he'll know, but we will continue talking for another 10-15 minutes. Then he should start on the "Didn't I see you in London?" bit. This, for me, will mean -- see this man out; see him out to his car. There I will take what he has for me, a letter of something small. There is a lift (elevator) from the first to the sixth floor. You press a button to get it up to the sixth floor when you see foreigners out. The No. 1 entrance is only for the chiefs and the foreigners. The rest use the entrance further down -- the center one. All this is as a last resort. This is a means by which

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I may be reached. They all give their names, even the female interpreters, and the foreigners always write theirs down so that they will know later with whom they had a talk.

45. H: Can we just go back to the lady in the park. The idea is that he is not to talk to the lady. He will not receive anything from her. She will observe him. She'll be expecting him, you see. He will drop his material in the park at a suitable moment and go on his way. As soon as she's noticed that, she will collect her children together -- the youngest one will have to be put in the park -- and go quietly home. (Subject suggests that he should make some kind of comment either about the baby or about the carriage as he deposits his material, to make the pause more natural looking. Everyone agrees.)

46. S: There is just one thing that is not quite satisfactory to me. That is that the lady will have nothing for me. G: This might be dangerous. H: If we have things for him, we will give him instructions where they are. S: I suppose I can get those things from the dead drop. G: Why should she carry dangerous items which might compromise you? S: Where will you put bulky things? It's not good to put too much into my dead drop - a small box is all it will hold. H: Then, there will be instructions where the rest of the things are.

47. G: Now, you should make some notes -- but in a different manner. These are the things which are of most interest to us (KRI). You can burn the notes, but make sure they are welded to your memory. In the first place, when I am going over the details, don't feel hurt. Secondly, the details are only given so that you have an idea what it's all about. You are not going to write a whole volume. I will read it slowly, precisely, and you will get the crux of it. (Subject writes notes in ink.) G: First: Information which will help us determine who the illegals are in the West -- primarily those in the U.S.A. and in the U.K. Second: Information, if you can obtain it, as to whether or not the British and the American codes have been broken by the Soviet Intelligence. Next point: Regarding the strategic rockets -- how many there are and when they may be ready for deployment; whether they are in the planning stages or are already deployed. This information is desired on rockets of all ranges -- approximately 1500 km and above. Find out, if you can, the general areas of the bases for rocket launching of all ranges; if you can get them, details on the target accuracy and the radius of error (VIPARNIYE) for the various rockets. What degree of accuracy do your people expect to reach with the aid of the geodetic data which they may have now? What is the theory of target location? Which targets are considered to be of strategic importance? How many missiles do they allot to these targets. S: Please repeat that from the beginning?

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48. G: (Elaborating) What is considered most important strategically -- our long-range aviation bases, whether they are in England or America? Is this of primary importance to them -- to cut off our atomic capabilities? Or what are their estimates? How much is allotted to this? Next question - where are the strategic rockets being made and in what quantity? This is all on the rockets. I'm just repeating that you should get all details and any information you can on rockets. I am underlining these points because they are not just general, but have been thought out. S: I agree that these are specific and concrete questions. G: Now, what point has development been reached in anti-rocket missiles (the defensive ones)? In other words, the missiles to be used against our rockets. S: I know, I know. G: Also, in what stage of development are the ZUMS, the anti-aircraft guided missiles for low or high altitude aircraft? By high, I mean beyond the ceiling of the V-75. How many submarines do they have propelled by either chemical or atomic fuel having a tremendous radius of operation? Do they have atomic weapons' warheads? Are there any missiles with such warheads? What possible tasks (VOYERENYE ZADANIYA) do they have? What is their specific assignment?

49. G: Now regarding atomic matters -- what are the atomic yields at various specific strategic missile ranges? How are the fissionable materials allocated to the various forces -- strategic, tactical and defensive? What is the status of production of fissionable materials? Do they have difficulties in their development, set-backs, and where is the center of the production? The easiest for you probably will be the GUKH. If you have a chance, find out about the yearly or the long-range plans, the amounts for financing specific scientific developments, and the priorities of your scientific interests in your committee. How is it distributed between the civilian and the war industries? If possible, find out something on allocations for nuclear physics, rocket technology, electronics, chemistry. How and into what categories or subdivisions it is broken down.

50. G: Now -- and this is the last -- if possible, photograph any documents which are important, those having any information or description of strategic missiles. Also, the latest atomic tactics and any regulations which may exist in respect to bacteriological and chemical warfare. S: You will have a new field service regulation (from me) in a very short time. G: That's what I said. Any new field regulations which have any atomic supplements -- SUDIN's lecture, for instance, or any other such people in GSI, on agent, operational or illegals matters. If you can find a good detailed and exact map of Moscow -- 100,000 to 1 -- photograph it. S: I can get a map of Moscow. There are various scales -- some are secret -- 1 to 25,000; 1 to 100,000 and 1 to 200,000. G: If you can get any Secret or other type maps, please do.

51. G: Now, three more little items. Those 150 requirements that you told us about -- the scientific-technical intelligence to be collected on America and other countries of the West; those telephone books and lists which you mentioned. Also, it would be very important to establish definitely the organization of GRU - whatever is not clear to us yet. What number does the Operational Directorate have now? What other subdivisions are there? The Special Missions Section which has to do with diversion and sabotage - is that school for sabotage still operating? The one you told us about. S: It is operating. It has been reorganized, but it still exists. G: Under whom does it operate? S: Now it is subordinate to the Chief of Staff of the General Staff. Before it was under SERGEEV. G: So, it is subordinate to the chief of the General Staff, not the GRU? S: That's right. It's actually in GRU, but the control has been moved up. KHRUSHCHEV moved it. He doesn't trust SERGEEV. You see, that's all clear.

52. G: Anything which you know about the organization of the KGB would also be helpful, of course. These details are to give you a clearer idea of our priorities. We do not expect you to get everything but whatever you can get -- thank the Lord! S: This will all go in here for the time being. Later I'll sort it into different pockets. I'll leave the other things all here until tomorrow.

53. S: Wait, I did not put down the amount of rubles on that piece of paper yet - the receipt I wrote. H: Oh yes. Alright. Coming up, coming up... G: Here, write with this pen. S: The ink will be a different color. How much? G: Write 3,000. S: I know, I know. G: Look what small stacks they make! (New rubles) S: These are brand new. G: The entire Soviet Union has new ones.

54. S: Let me have a piece of white paper (for wrapping). I have given you many suggestions about not using certain people. I ask you again to remember this and think about it. G: Our most important thought is not to touch people which might jeopardize your safety. S: No. I was thinking about people like FEDOROV, VAYELOV, people like that -- "our" people. G: This is not our most important task. We are Intelligence Officers, not Counterintelligence Officers. We don't want to mess around with these people. Our Counterintelligence doesn't know about you. We don't want to let them know. S: Don't tell them about me. Why should you tell them? But tell them about these others. If these other people make trouble for us, why make a Chinese wall out of the whole thing? G: Your security is of the most importance to us. I am sure we worry more about it than you do.

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55. H: Can we do these pictures now? G: Yes. Tomorrow I'll check you through again quickly. S: As far as the camera is concerned, we are all finished? G: Yes. S: Let's have the British photos. We'll finish those up today. I want to find that code clerk. I saw him again. H: Okay. Here, you take down the numbers -- you take them down too, Mike. It will be easier that way. S: These are the fresh ones, aren't they? G: Which ones are these? H: No, these are the ones he saw before. He asked to see them again. H: These are the '59-'60-'61 photos.
56. S: Here is the chief bookkeeper of the Embassy. (11639)
57. S: I don't want to strip over the code clerk. Here is one that looks very much like GENERALOV, but it's a very bad photo. (9664)
58. S: Here is the GENU RESIDENT. (1650) He is the RESIDENT here - Lev Bergoyevich.
59. S: Here is one from KGB. He has just arrived. (11904)
60. S: Here is another from KGB, also recently arrived. This one came first and this one came later, the Committee of Technical Information. (4566)
H: Which arrived first? H: The other one. The second one (4566) arrived first.
S: I called him VORONOV or something before, or VOROB'EV. (Looking) I must have mixed this one up before.
61. S: This is IVANOV. (9946) Captain 3rd Rank, he graduated from the Academy with me in 1953. He is married to GORKIN's daughter.
62. S: Here is the Embassy physician. (11641) A woman, the only one.
63. S: Here is the duty officer, who is also a courier guard (DEZHURNYY KUR'YER OKHRANY). He guards #13 and #18 houses. (9784)
64. S: Here is another duty officer and courier guard. (8632)
65. S: Here, let's pull back that picture - the #9664 you asked me about it. The one that looked like GENERALOV. Here is the real GENERALOV. (935) He is the one who is coming out to see MERRIMAN tomorrow. Is the other photo the same one? They do look alike, don't they? They are different people, however.

66. S: Here is my friend SHAPOVALOV. (10943)

67. S: Here is another Courier Guard. (11572)

68. S: Here is VORONIN, Zhenia (Yevgeniy). That's the one I talked about before. (8213) His wife, Galia, has kissed me. Here is one from KGB. He graduated from the Academy in 1954. You should keep on burning the KGB-nik's. As I told you, this is our business. Or is it the business of CI?

69. S: He is an operationalauto instructor. He taught me Operational Techniques at MDA (TSS). (12006) Now he is a chauffeur for the RESIDENT. I gave you his car number. He is the one who makes concealment devices in cars.

70. S: I still haven't found PAVLOV. I feel that these are a fresh batch. A whole regiment! Here is Igor MILOVIDOV. He left here. (7094) He works with me on the CHEK. G: Tell me, is this MILOVIDOV non intelligence? S: He has been accepted by the KGB.

71. S: Tell me, what is the RESIDENT's name? I know it is Lev Sergeyevich, but you must know his last name! G: We just don't have it handy. It's here somewhere. I'll find out tomorrow. S: No one told me here and I didn't want to ask. H: Make a note to find out the name of (1650).

72. S: Are these new? G: These are 1960. We don't have completely new ones which is why there are repeats. S: Here is PAVLOV -- PAVLOV without glasses. That's why he was hard to recognize! (9459) G: Finally, PAVLOV! Thank the Lord! The Deputy RESIDENT. S: Anatoliy --

73. S: I still have not found that code clerk. G: Tomorrow everything should be KIL'TURNO with MERRIDAN. S: Everything will be KIL'TURNO. Have you told him everything? G: He couldn't understand you at all on the telephone. S: I told him 9:30, that I wanted him to meet a friend of mine. Didn't he understand? G: He understood who was calling and he understood the words 9:30 but that's about all. S: I did not tell him everything over the phone that I told you. I don't understand him at all.

74. S: So, we have found everyone except the code clerk. He's a bird! He decodes, transmits. He never goes out alone. (George explains that it is because the photos are grouped by years.)

75. S: Here is Lt. Col. VORONIN, the same name as the other one. (218) He is the Chief of the 3rd Direction (England) in GRU.

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76. S: Here is Col. KONSTANTINOV, Anstoliy Mikhailovich. He is the son-in-law of GORKIN who has two sisters. IVANOV is married to one and this one to the other. (2733) He works at the MD Academy, Chief Instructor, as I told you.

77. S: Here is one who works in GRU as a Senior Officer in the 3rd Directorate. (5597) He is under General SOKILOV. He is a Colonel.

78. S: This one is a GRU officer and works in the 3rd Directorate. (2587)

79. S: Here is a GRU officer who now works with your BISKREBEV. (2204) (Illegal)

80. S: I'll have to look at 'G1 again. I have to find that code clerk. Unless he arrived very recently, I don't know when he arrived. Are these all the photo-albums? H: No, not all. S: Remember there was one we saw in Operational Techniques, in the 1st Section. We saw him before, remember? G: Yes, yes. S: At that time I showed you several KGBnik's, now I don't see them. H: No, those were in the other volumes. You see these are different volumes.

81. S: Here is one from GRU. An officer who works presently in my section under BOGOV. Not in GINEX, but in GRU. (2903)

82. S: Many KGBnik's are not here that I mentioned before. Are these all the albums? H: No, just for the last three years. Last time we had 1957, 1949, 1952, 1955, 1958. Now he's filled in the last three years.

83. S: I don't see VORONINA, Galochka. G: Does she work there or not? S: No, she does not work there. She just had a baby girl. She lives here.

84. S: Still can't find the "SHIRIK", the code clerk. G: That's no problem. J: Let's pour another drink. H: Alright. It's not too bad, not for today. G: We don't have too much left for tomorrow, thank God! There are still some of our photos, and a couple of questions. That's all. S: So, this material I'm leaving here. G: Alright. S: This is all mine, all my notes. It's all here - till tomorrow. We have not found the code clerk, but that was alright for today? Here we are, Strategic Officers, making plans. Now I want to express something not quite clear to me. We have been working here.

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Why can't we present to the government any ideas or conclusions which we have reached through our work? Is this not allowed? G: Yes, but we don't want to give away the fact that you are with us to those people who have no need to know. (Subject looks at some photos taken of him.) S: This is for Nikita Sergeyevich. I will show him how to practice deceit. (Everyone laughing and joking.)

85. S: What time do we meet tomorrow? 9:00? G: Yes. We will work like this -- 1 hour for questions; 1 hour for photos; 2 hours for fun -- or do you want 8 hours? S: How about the following morning? Should I skip over to say goodbye? G: For about 5-10 minutes, sure. S: Mr. Harold will come also? H: Of course. G: I'll be there also. I will not be leaving yet. When do you have to be at the airport? At 11? S: No, we are leaving here at 11. I ask you to please call WINNE tomorrow in the morning, to clear this up. I'm not making this up. I'm not overimaginative; I am a realist. You can see this all the time. G: We will tell him that it was forbidden. That's all. That's final! S: Yes, tell him that (Subject's true name) wanted to give him something on his own, but you would not permit it. Tell him that you will take care of everything for him and that he will get everything that's coming to him, if he works well. This will be stimulus for him. It will give him incentive. Also tell him about the receipts from the hotel. Give him a pat on the back for organizing things so well. He did, you know. They are feeding us for nothing. Of course, we are careful. We don't order any wine. I understand very well why this is done and they (the delegates) are very pleased. I was able to "buy" them this way - through your help. Even the highly-paid professor said, "(Subject's true name and patronymic) how well you organized everything." G: Have you bought everything you needed? S: Not yet. I still have 40 left. I have to buy a few more presents and some odds and ends. I'll have time to do this tomorrow. G: You got the one for VARENISOV? S: Yes. G: It was a good one? S: Yes, very very fine. G: It will be from Mr. and Mrs. (Subject's true name)? S: Yes, from Mr. and Mrs. G: And from us! Ha-Ha-Ha! G: You'll have time to finish shopping tomorrow. It won't hurt to buy a few extra things for presents.

86. S: Right. Well, (clicking glasses) now we've finished. We'll say goodbye day after tomorrow. Tomorrow we'll start working again to finish. Well, all the best! S: You will think about the things I have mentioned. Everything is right. The money is received - both for operational and personal purposes. After all, the presents - are they not operational expenses? H: Yes, of course. S: Now, I leave my briefcase here until tomorrow. I don't think

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I'll telephone her tonight. I'm tired. You know what street she lives on? I can't remember the name. Today I rode past her house. You know, she really fell for me. She was quite sincere, exceptionally so. Two hours was really very short. She was really a bit surprised that I left so soon. She is an experienced gal. I asked her, "Why don't you get married?" She comes from a good family and lives pretty well. She has this apartment -- I don't have such a nice one! The rooms are small but all the conveniences are there. Tomorrow will you be here during the day, in case I call? G: It's hard to tell. If it isn't convenient at 8 o'clock, we can make it 9. S: Right now, 8 o'clock is convenient for me. G&H: If you are not here at 8, we'll wait for you. S: Let's make it 9 o'clock. There's no use your getting here and waiting. G: Alright, 9 o'clock then. S: (And all) Goodnight! (Subject left at 0115 hours, on 5 May 1961.)

Meeting # 15A (London, England), 4 May 1961

1. (Subject knocked at door at 1420 hours on 4 May 1961, Mount Royal Hotel, Room 360. Only H and J were present. The unexpected visit was prompted by a note left in Subject's mailbox which he could not understand.) S: I ran here for a few minutes to mention two things. First of all I spoke to SHAPOVALOV at the Embassy this morning. At 7 o'clock, as he explained to me, there will be a reception at the Pakistani Embassy. SHAPOVALOV will be there. His car number is 462. H: 462? S: Yes, the sum of the numbers is 12 -- that makes it easier to remember. He will be alone, without his wife. From what could be made out of the conversation, his friend will be there.

2. S: Now at 2 o'clock, when I was picking up the key, there was a note addressed to me. (Opening letter) "Mount Royal Hotel, Mr. -----tiev rang and would like to contact you. Telephone 9831." That must be the number. Who is this? (H and J trying to figure out the name) KORDIV, KORDIEV, KORIEV? Maybe it's KONEV? KONEV -- that's right! S: That's Marshal KONEV!! J and H: No, that's impossible!

3. S: I was in the Embassy today and no one told me anything. Anyway, I did not call this number. I was at the Embassy today, all day, and no one told me anything. I ask you to please clear up this matter. I will be here this evening at 2000 hours. H: Well, all right. S: Who can that be? I did not call on this phone. (telephone ringing; J goes to answer it)

4. S: The letter was with the key and when I went to get it at 2 o'clock the letter was with it. They didn't say anything about this to me at the Embassy. H: I don't know who it is. S: Is it this hotel? Do they have four digit numbers? H: This is a telephone number. We can find this out.

5. S: Well, I'll be here at 8. Now I am going to WYNNE. My people are working at the Embassy. I was running around there. I had lunch there. I saw everyone there and SHAPOVALOV brought me here by car about 2 hours ago. I repeat his auto number is 462. He drives it himself ... in the Pakistan Embassy. So, I'll be here at 8 o'clock tonight. H: All right. S: I'll be here at 8 and at 9 we will have to make an interruption. The delegation will be coming and I will have to meet them and we will have to eat together. H: All right.

6. (Subject left at 1425 hours, having stayed 5 minutes.)