

MEMORANDUM FOR: *JJ* For Review  
John: -

Here is some background material  
from [ ] on the [ ]  
request for "technical briefings". The  
question is - do you want to  
favorably respond and if so how  
much effort do we put in it?  
You may wish to call [ ] and  
chat with him about it before  
making up your mind.

(DATE)  
There seems to be an opportunity.

to develop some ~~interlocking~~  
and bridge-building with the OSI  
hierarchy but if we do agree  
we should put on a first class  
performance.

AD

1/28

Approved For Release 2005/08/02 : CIA-RDP78B05703A000500050

MEMORANDUM FOR: Executive Director, NPIC

John: For Review

Here is an OSI requirement asking that we provide three "technical" briefings to OSI Division and Deputy Division Chiefs on such things as image enhancement, mensuration, equipment being developed for new readout systems, etc. I learned from [redacted]

[redacted] is the instigator of this requirement. [redacted] was working with [redacted] last Fall in connection with a special project aimed at identifying volumes of nuclear waste materials at some of the domestic nuclear sites. I don't believe the project came to anything.

(over)

(DATE)

Approved For Release 2005/08/02 : CIA-RDP78B05703A000500050

Approved For Release 2005/08/02 : CIA-RDP78B05703A0005000500

Although I suppose we should be flattered at OSI's interest in this field, I am a little puzzled at what lies behind it. However, I suppose it does open the way for some fruitful interchanges between us. If we do proceed with these briefings, perhaps we ought to bring in some IEG'ers too. You may wish to call  to acknowledge receipt of his requirement and to perhaps find out a little more background on what is creating this level of interest.

*COJ*  
~~COJ~~

*CA*  
~~CA~~

22 Jan 70

*By Tues - Can we do*

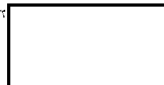
Approved For Release 2005/08/02 : CIA-RDP78B05703A0005000500

25X1

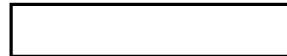
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TOP SECRET



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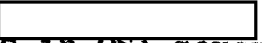
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Copy No. 2

16 JAN 1970


MEMORANDUM FOR: Executive Director, NPIC

SUBJECT: Request for Technical Briefings

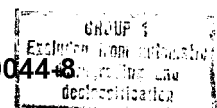
1. On 18 December 1969  of TSSG/APSD and  of TSSG/ESD discussed with a small group of us in OSI several technical factors in photointerpretation and, in addition, NPIC's plans for developing a photograph enhancement capability using computer techniques. This dual discussion was exceptionally well received by the participating Division Chiefs and their Deputies, and I believe that additional discussions of a similar nature would be warranted. Certainly additional discussions would help establish better communication between OSI personnel with intractable intelligence problems and those at NPIC who can apply to the solution of these problems technical expertise on the photographic side as an aid to photointerpretation.

25X

2. I suggest three such discussions with a select OSI group be arranged at, perhaps, bi-weekly intervals. A list of subjects which have been suggested by OSI personnel is attached. In addition, I think an illustrated lecture on the subject of the effects of scale, resolution, contrast, and film density, as well as current image enhancement capabilities, would be of benefit to a much larger audience of Langley analysts.

3. Please let me know your reaction to this suggestion, for I personally found  discussions of

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**TOP SECRET**



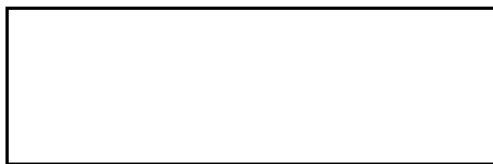
25X

**SUBJECT: Request for Technical Briefings**

great interest.  on black extension  
 is prepared to assist your representative  
in working out details.

5X1

5X1



25X

Acting Director  
of  
Scientific Intelligence

Attachment  
As stated

5X1



Possible Subjects for Technical Briefings  
of OSI Division Chief

1. Illustrated discussion of how varying the technical conditions of collection of photography or of its reproduction can aid photointerpretation and measurement. The problems of aiding both search and detailed readout should be addressed. Optical method of image enhancement might be included, along with some discussion of how distortion factors affect speed and accuracy of enhancement.



25

3. A discussion with exhibits [redacted] of new readout instruments now available or being developed and how these conceptually might be used in improving the efficiency of handling possible oncoming systems, such as the [redacted]

25X

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5X1



SECRET

SPEED LETTER	REPLY REQUESTED		DATE
	YES	X	NO
			LETTER NO.
			PSG/AID-22/70

TO : Executive Director, NPIC  
 ATTN: THRU: C/Production Services Group S. J.

FROM: C/Automated Information Division, PSG

SUBJ: Briefings of [redacted]

[redacted] of the NSC Staff visited AID from 1330 to 1430 Wednesday, 14 January. He was accompanied by [redacted] Chief of the Information Processing Staff in OPPB. [redacted] and I gave an informal briefing in my office. I opened with a brief explanation of the role of NPIC. [redacted] followed with a description of how our computers are used to support NPIC. I followed with a brief discussion of our data base responsibilities under the NTP, with emphasis on the community service aspects.

Charlie declined our scheduled demonstration [redacted] stating that his interests were more on the "non-technical" side, and asked to spend the remainder of his stay discussing the information flow surrounding the PI (i.e., how he gets his film, collateral, etc., and how he uses these materials to perform his functions). We concentrated on a description of first-phase reporting on the premise that, since this reporting is time-critical, information flow is of more concern in first-phase.

In comparing notes following the briefing, [redacted] and I concluded that Charlie had more than a passing interest in the "warning/indications" area. He asked several questions dealing with the "age of information" from the time that an object is imaged until the extracted information is disseminated to the community. Also, he told us that he was getting a whirlwind orientation by touring three Agencies in one week.

I am attaching a copy of the proposed itinerary for his tour of CIA facilities.

<del>REPLY</del>	DATE
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[redacted] visited us from 1430 to 1600 on Thursday, 15 January. He was accompanied by [redacted] (Exec Sec of the IIHC) and [redacted] (an IIHC staffer).

We had been told in advance that Bob was interested in getting "updated" on: our COINS security problems; the status of our conversion from Minicard to Microfiche; and, our extension [redacted] to include a remote plotting capability. It turned out that he was also interested in any other "new types" of remote terminals we might have.

[redacted] opened with a discussion of our COINS security problems. [redacted] followed with a discussion of our microfiche conversion progress. We concluded with demonstrations of the real-time system and of our [redacted] CRT capabilities.

Like the IP Board, Bob showed considerable interest in our remote terminals, and took with him a list of the 74 remote devices which we had on-line as of mid-December (we told him the number is currently 77).

Several inferences were made which led [redacted] and me to believe that COINS per se will be dead before the end of the fiscal year (a decision of some kind is to be made in April). I told them, incidentally, of the NSA proposal for a terminal and line into our UNIVAC 494; [redacted] recalled that several years ago the Agency proposed having a terminal on-line to NSA's computers, and that the proposal was vetoed by [redacted] of NSA.

SIGNATURE

SECRET

GROUP 1  
 Excluded from automatic  
 downgrading and  
 declassification

IP Staff, O/PPB  
9 January 1970

Tour Schedule for [redacted] (NSC Staff)

25X1

13 and 14 January 1970 (1:30 - 4:30 p.m. each day)

Tuesday, 13 January 1970

1:30 - 2:30 CRS, DD/I

[redacted]

25X1

- 10 - Role and major functions of CRS
- 10 - Biographic services (community responsibility under DCID 1/9)
- 10 - AEGIS index to published intelligence
  - .. AEGIS sub-file for possible community use.
- 5 - Visit to Area Division (biographic files maintained)
- 10 - [redacted] demonstration
- 10 - Rapid Search Machine (RSM) demonstration  
(55 minutes)

2:45 - 3:15 FMSAC, DD/S&T

[redacted]

25X1

- 5 - FMSAC's role
  - ..Intelligence responsibilities
  - ..Role as a "center"
- 5 - Tour topic: Automatic processing of electrically received messages
  - ..Explain sources/types of messages received.
- 20 - Tour and demonstration of FMSAC Operations Room
  - .. See and describe automatic processing of electrical messages by CDC 1700 computer system.  
(30 minutes)

(Receipt; scan; audio-alert on critical messages; tube display for operator review; automatic dissemination via 100 and 2000 word dictionaries; and ADP linkage from FMSAC to OCS.)

3:30 - 4:30 OCS, DD/S&T



25X1

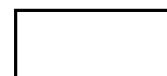
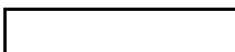
- 5 - Role and Functions of OCS
- 10 - OCS time-sharing service
- 10 - A sample application (AUTOMAP and the IBM 1130 or near real-time computation of NRO data, support of overhead collection)
- 15 - OCS support to COINS... and Climenson concept of central ADP system for COINS network.
- 20 - Tour Computer Room

(60 minutes)

Wednesday, 14 January 1970

1:30 - 2:20

NPIC



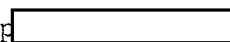
25X1

- 5 - NPIC role and function
- 10 - ADP support to that role (summary)
- 15 - National Data Base Files (NPIC responsibility, file status, and future capability)
- 20 - Visit and demonstration of on-line mensuration and image plotting remote facility.

(50 minutes)

2:20 - 2:50

Travel to Headquarters (via EOB to pick up



car) 25X1

3:00 - 3:50

RID, DD/P



- 5 - RID role

30 - ADP functions supporting that role

(5) ..Document Locator System (very brief)

(20) ..Counter-Intelligence Biographic Index

- Community responsibility (NSCID/5)
- Manual Index
- Automation effort to date
- Future vista via automation

(5) ..Special files

- Foreign intelligence service registers
- Defectors files
- Presidential Security file

15 - Visit and demonstration of  Document Machine (and SC mag tape-to-Microfilm converter if time permits) 25X

\_\_\_\_\_ (50 minutes)

4:00 - 4:30 Recap and visit with Executive Director-Comptroller.

NPIC/D-17/70

15 JAN 1970

MEMORANDUM FOR: The Record

SUBJECT : National Aeronautics and Space Council Briefing

1. Mr. William A. Anders, the Executive Secretary of the National Aeronautics and Space Council, and nine of his staff members were briefed the afternoon of 13 January 1970 by Mr. Lundahl. The briefing was well received. Mr. Anders asked if he could return and be briefed on specific subjects later.

2. Today, a member of Mr. Anders staff called to ask if NPIC would brief Mr. Anders on its experience with the interpretation/classification of various types of plant life, crops, and trees. The briefing has been scheduled for 21 January in NPIC.

X1 3. [redacted] of NPIC/IEG will be the main briefers, presenting existing briefing aids made in connection with in-house pilot studies within the last two years.

/s/  
[redacted]  
Assistant to the Director, NPIC

25X1

Distribution:

Original & 1 - NPIC/ODIR  
1 - DDI/Admin

FROM	DATE
Chief, Automated Information Division/PSG	12 Jan 1970

TO	INITIALS	DATE	REMARKS
DIRECTOR	5 ac	1/13	FYI
DEP/DIRECTOR	4	1/13	
EXEC/DIRECTOR	3	<del>1/13</del>	<del>1/13</del>
SPECIAL ASST	2 M	1/13	
ASST TO DIR	6 TAL	1/13	AEM M
ASST TO DEP/DIR			
7			→ told <input type="checkbox"/>
CH/PPBS			about this upcoming
DEP CH/PPBS			briefing. Understands
EO/PPBS			Others at Langley
			also making
CH/IEG			presentations.
DEP CH/IEG			
EO/IEG			
CH/PSG	1 S.J.	13 Jan 69	ac
DEP CH/PSG			
EO/PSG			
CH/TSSG			
DEP CH/TSSG			
EO/TSSG			
CH/SSD/TSSG			
PERSONNEL			
LOGISTICS			
TRAINING			
RECORDS MGT			
SECURITY			
FINANCE			
DIR/IAS/DDI			
CH/DIAXX-4			
CH/DIAAP-9			
CH/SPAD			

SECRET  
(When Filled In)

SPEED LETTER	REPLY REQUESTED		DATE
	YES	NO	12 January 1970
TO : Executive Director, NPIC		FROM: Chief, Automated Information Division	
ATTN:		THRU: Chief, Production Services Group	
LETTER NO. PSG/AID-17/70			

X1 [ ] of OPPB/Information Processing Staff called Thursday to make tentative  
X1 arrangements for a briefing of a [ ] from the NSC Staff. According to  
X1 Doug, little is known about [ ] but he is apparently interested in what the Agency  
is doing with ADP and in community cooperation in ADP matters.

X1 [ ] will be accompanied by [ ] (Chief of the IP Staff in OPPB), and  
will visit six Agency facilities on Tuesday and Wednesday, 13-14 January. We are  
scheduled to brief him from 1330 to 1420 on Wednesday. [ ] apparently wants in-  
formal presentations. Doug suggested that the briefing be in my office and suggested  
the following outline (which sounds good to me):

- Brief Description of NPIC's role (5 minutes)
- Brief Description of how ADP supports NPIC's role (10 minutes)
- Description of Data Base Responsibilities (15 minutes) to include
  - Community Service under NTP
  - Nature and Size of the Files
  - Current Status of the Files
  - Future Capabilities

X1 [ ]

REPLY (Continued)	DATE
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X1 The schedule is tight, but [ ] must depart by 1430 to catch another briefing at  
Langley.

I called Doug late Friday to confirm the schedule; it is now firm. I told him  
that I would call again Tuesday afternoon; by then, [ ] will have had several  
briefings (including OCS), and we should have more insight into where his interest  
lies.

*ted*

SIGNATURE

FROM	A/DIR	DATE	6 JAN
------	-------	------	-------

TO	INITIALS	DATE	REMARKS
DIRECTOR	2	GDV 1/7	3-2 [REDACTED] OF THE SPACE COUN- CIL CALLED P.M. 6 JAN. HE WOULD LIKE TO BRING WM. ANDERS AND 5-6 OTHERS OV- ER TO SEE YOU AT 1400, TUES- DAY, 13 JAN MAY I CON- FIRM? TAL.
DEP/DIRECTOR			
EXEC/DIRECTOR			
SPECIAL ASST	1	M 1/6	
ASST TO DIR	3	TAL 1/14	
ASST TO DEP/DIR			
4 FILE	4		
CH/PPBS			
DEP CH/PPBS			
EO/PPBS			
CH/IEG			
DEP CH/IEG			
EO/IEG			
CH/PSG			
DEP CH/PSG			
EO/PSG			
CH/TSSG			
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CH/SSD/TSSG			
PERSONNEL			
LOGISTICS			
TRAINING			
RECORDS MGT			
SECURITY			
FINANCE			
DIR/IAS/DDI			
CH/DIAXX-4			
CH/DIAAP-9			

[REDACTED]

CO 1/8 10

CONFIRM BUT  
 GET OTHER NAMES  
 COMING.  
 ALSO MAKE CLEAR  
 THAT THIS IS  
 NO HOT-FLASH,  
 LATEST ISSUES  
 BRIEFING. IT WILL  
 BE STANDARD PKG

CCL



MEMORANDUM FOR: **ACL**

Art:

You may wish to use the  
[ ] M/R as a vehicle for  
notifying DD/E of this visit.  
You may recall the [ ]  
was required to check out the  
last visit personally with  
[ ] before being given  
the go ahead. *al* \_\_\_\_\_ (DATE)  
1/7

31 December 1969

MEMORANDUM FOR THE RECORD

SUBJECT: National Aeronautics and Space Council Visitors

1. Today I received a call from [redacted] of the National Aeronautics and Space Council, asking that Mr. Lundahl brief the new Executive Secretary of the Council and several other staff members on the afternoon of 13 January. 25)

2. The new Executive Secretary is Mr. William Anders, the former astronaut and crewman aboard Apollo 8, the first circumlunar mission.

3. The standard historical briefing that Mr. Lundahl has given to other Council members on previous occasions is planned. The last briefing for other members of the Council was in August 1969. 25)

[redacted]  
Assistant to the Director, NPIC

Distribution:

Original & 1 - NPIC/ODIR

CONFIDENTIAL

31 December 1969

MEMORANDUM FOR THE RECORD

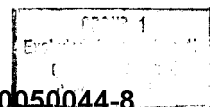
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[redacted] 25  
Assistant to the Director, NPIC

Distribution:  
Original & 1 - NPIC/ODIR

CONFIDENTIAL



25X1


28 Jan 70

25X1



Re Tech Briefings for OSI:

25X1

- Do a reply from me to  along these lines:

- great ideas

- have some work to do to get ready -- expect to be ready by (you choose). Is that to date OK?

- A little bit on how we plan to do it.

- Readiness to repeat briefings for other OSI personnel.

- See my not on p. 2 of your brief