

## MEMO ROUTING SLIP

FOR USE FOR APPROVALS, DISAPPROVALS,  
CONCURRENCES, OR SIMILAR ACTIONS

| 1 NAME OR TITLE           | INITIALS | CIRCULATE        |
|---------------------------|----------|------------------|
| <i>Mr Friedman</i>        |          |                  |
| ORGANIZATION AND LOCATION | DATE     | COORDINATION     |
| <i>SASst</i>              |          |                  |
| 2                         |          | FILE             |
|                           |          | INFORMATION      |
| 3                         |          | NECESSARY ACTION |
|                           |          | NOTE AND RETURN  |
| 4                         |          | SEE ME           |
|                           |          | SIGNATURE        |

## REMARKS

*Our comments are already on the way to you. They already cover the general aspects of Mrs Brewer's remarks.*

Declassified and approved for release by NSA on 02-10-2014 pursuant to E.O. 13526

|                           |               |           |               |
|---------------------------|---------------|-----------|---------------|
| FROM NAME OR TITLE        | <i>Senkov</i> | DATE      | <i>13 Apr</i> |
| ORGANIZATION AND LOCATION |               | TELEPHONE |               |

# MEMO ROUTING SLIP

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|   |  |          |                  |
|---|--|----------|------------------|
| 1 | NAME OR TITLE<br><i>Dr. SINKOV</i>       | INITIALS | CIRCULATE        |
|   | ORGANIZATION AND LOCATION<br><i>PROD</i> | DATE     | COORDINATION     |
| 2 |  |          | FILE             |
|   |  |          | INFORMATION      |
| 3 |  |          | NECESSARY ACTION |
|   |  |          | NOTE AND RETURN  |
| 4 |  |          | SEE ME           |
|   |  |          | SIGNATURE        |

REMARKS

*Do you or any of your associates (such as Levinson, Raven) care to add comments on Mrs. Brewer's memo? Ppe return promptly.*

FROM NAME OR TITLE

*[Signature]*  
*Fredman*

DATE

*22 Apr 53*

ORGANIZATION AND LOCATION

TELEPHONE

## Office Memorandum • UNITED STATES GOVERNMENT

TO

Mr. Friedman

DATE

13/9/53

FROM

W. H. TURNER, JR.

SUBJECT

1) Herewith 2/3's of the comments requested. Kelly will be on jury duty for another 2-3 weeks. Thought you might like the enclosed comments now rather than after his return. He will follow them if you wish.

~~CONFIDENTIAL~~ W. H. Turner, Jr.

~~CONFIDENTIAL - SECURITY INFORMATION~~

9 April 1953

MEMORANDUM FOR MR. W. F. FRIEDMAN

Subject: SCAMP, Mrs. Brewer's Comments on.

1. Clearance is a severe handicap. So is security after the clearances are made.
2. The Los Angeles area has many things to recommend it.
  - a) Many mathematicians spend their summers there, so that the mathematical community is active and stimulating.
  - b) The summer climate and the surrounding attractions are such that a scientist can accept this summer employment and feel that he is not cheating his family out of a vacation by so doing.
  - c) The number of other places offering the bare minimum of office space, library, temporary housing, and computer is very limited.
3. I agree that there is a certain confusion of objectives. The interest in computers is to make quickly available to operations any techniques invented. But the main object is to invent techniques.
4. I agree wholeheartedly.

*H Campaigne*  
H. H. CAMPAIGNE

Assistant Chief for Research

~~CONFIDENTIAL~~

~~CONFIDENTIAL - SECURITY INFORMATION~~

9 April 1953

MEMORANDUM FOR MR. W. F. FRIEDMAN

Subject: Comment on Jane P. Brewer's comments on SCAMP 1953

I shall take up Mrs. Brewer's points in her order and shall use her numbering.

1. I concur. However, we are endeavoring to rectify this with the help of NSA-16.

2. I disagree. Los Angeles offers much more than Washington. It offers an attractive location to mathematicians and this is essential to the success of SCAMP. Furthermore, we are not interested in having a greater number of NSA employees participating. In SCAMP we are primarily interested in getting outside participation.

3. I disagree. The problem of how to use computers properly is basic to the Agency but should not be discussed completely, at this time. However, Mrs. Brewer is suffering under the same delusion that too many people in NSA are. It is not true that cryptanalysts who do not know what computers can do or how they work can solve a problem and then present it to a programmer. The existence of high-speed computers has changed the definition of solution. If members of SCAMP are going to develop techniques for solving Agency problems they must understand the definition of solution and this implies understanding something about computers and programming.

4. I agree. We are preparing a list of problems to present to the members of SCAMP along with the write-up of last year's work on Finite Projective Planes and a new write-up on problems in Convex Bodies.

*R A Leibler*

R. A. LEIBLER  
Chief  
Mathematical Research Division

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## MEMO ROUTING SLIP

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OR CONCURRENCES OR SIMILAR ACTIONS

|   |                               |              |                  |
|---|-------------------------------|--------------|------------------|
| 1 | NAME OR TITLE<br>Mr. Friedman | INITIALS     | CIRCULATE        |
|   | ORGANIZATION AND LOCATION     | DATE         | COORDINATION     |
| 2 | Dr. Lebler<br>R/D             | WAL 8 Apr 53 | FILE             |
|   |                               |              | INFORMATION      |
| 3 | Dr. Campaigne<br>R/D          | HE           | NECESSARY ACTION |
|   |                               | 1 April      | NOTE AND RETURN  |
| 4 | Dr. Kullback<br>R/D           |              | SEE ME           |
|   |                               |              | SIGNATURE        |

## REMARKS

None of my people is interested in attending SCAMP 1953 if it is to be held far from Washington. Mrs. Jane Brewer, who took part in SCAMP 1952, has given me some comments which I inclose, since they may be of use in planning for this year or the future.

2, 3, 4 — for comment  
WJZ

|                                  |                    |
|----------------------------------|--------------------|
| FROM NAME OR TITLE<br>H. Stuhay  | DATE<br>4/3/53     |
| ORGANIZATION AND LOCATION<br>412 | TELEPHONE<br>60372 |

DD FORM 1 FEB 50 95

Replaces DA AGO Form 895 1 Apr 48, and AFHQ Form 12, 10 Nov 47 which may be used.

16-48437-4 GPO \*

~~CONFIDENTIAL~~ ID: A72676  
~~SECURITY INFORMATION~~

## Office Memorandum • UNITED STATES GOVERNMENT

TO : <sup>148</sup>412 Mr. Friedman

DATE: 2 Apr 53

FROM : 412B6

SUBJECT: SCAMP 1953

1. Work at SCAMP 1952 was so hampered by the lack of clearance for all participants that I believe the expense of SCAMP 1953 will not be justified unless adequate clearances can be obtained.
2. The cost of SCAMP may be unnecessarily high if it is held in Los Angeles again. More than half the participants, NSA personnel included, live in the eastern section of the country. Los Angeles does not appear to offer anything essential to the success of SCAMP that cannot be found in Washington. Furthermore, if per diem and transportation costs are not involved, a greater number of NSA employees can participate.
3. The program proposed seems excessively slanted toward computer techniques. Most of the (discrete) problems involved are a very long way from the computing stage at present. Obviously, people working on them now need to know what can or cannot be done with high speed computing equipment, but when a problem approaches the computing stage, it is time to consult a computer specialist, not a topologist. Mathematicians doing research on NSA problems have neither the time nor the inclination to listen (as they did last summer) to lectures on elementary programming techniques, engineering aspects of computer components, and the computer solution of toy problems related only tangentially to the principal problems under consideration.
4. It is probably true that the greatest long range benefit will be obtained by not restricting SCAMP to a set of specific problems; however, such a set should certainly be presented in order to give direction to research and to enable the participants to decide themselves what approaches are most likely to lead to results bearing on problems of interest to NSA.

  
JANE P. BREWER  
412B6

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