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SPECIAL CRYPTOLOGIC ADVISORY GROUP  
(SCAG)

Agenda

for

Second Conference of SCAG

*Opening on*  
10 ~~21~~ July 1951

Declassified by NSA/CSS

Deputy Associate Director for Policy and Records

On 20130731 by mm

Enclosure to AFSA-COT's Memorandum dated 21 June 1951

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Agenda for 10 July 1951  
~~OPENING SESSION~~  
~~Morning of 10 July 1951~~

Time: 9:00 A.M. <sup>202</sup> <sup>20</sup>  
Place: ~~Office of the Director, Armed Forces Security Agency,~~  
Room ~~110~~, Building 19, Naval Security Station, 3801 Nebraska  
Avenue, North West, Washington

Time

9:00 1. Welcoming remarks:

Rear Admiral Earl E. Stone, USN, Director, AFSA

9:05 2. ~~Resumé of ground covered at First Conference and general view of ground to be covered at this Conference:~~ *outline of program for*

Capt. J. S. Harper, USN, Chief, Office of Research and Development, AFSA

9:10 ~~3. Outline of program for technical sessions:~~

~~Mr. William F. Friedman, Technical Consultant, AFSA~~

9:15 ~~4. Question and discussion period.~~

~~Proceed to Conference Room, Building 20, Room 202~~

~~3. Presentation on cryptographic devices *wired* employing rotors:~~

9:30 a. Review of Enigma machine:

~~LCDR A. Gleason, USNR  
(Name to be designated by 03)~~

10:15 b. ~~Question and discussion period~~

10:30 c. The Combined Cipher Machine (CCM):

~~Mr. Frank Austin, AFSA-41  
(Name to be designated by 03 or 04)~~

11:30 d. ~~Question and discussion period~~

~~12:00 Lunch for SCAG members and AFSA conferees:~~

LUNCHEON

(Executive dining room, Naval Security Station Cafeteria)



~~TOP SECRET~~

~~Morning of 11 July 1951~~

Time: 9:00 A.M.

Place: Room Q200, Building "B", Arlington Hall Station. (~~Q2 to designate~~)

~~Time~~

Discussion of engineering design

5. Presentation on cryptanalytic aids in solution of rotor machines. ~~Continued.~~

~~Engineering design~~ and problems in the construction and functioning of certain cryptanalytic machines used as

9:00	a. (1) Bombe -	<del>(name to be designated)</del> Mr. Rosen
9:30	b. (2) Duenna -	Mr. J. Desch
10:00	c. (3) Scritchler -	Mr. J. Howard
10:30	d. (4) Warlock -	Mr. R. Bowman
11:00	e. (5) Message setting	Dr. Sacher
11:30	<del>Question and discussion period</del>	Mr. Rosen
12:00	* LUNCHEON *	
	Lunch (Executive dining room, AHS Cafeteria.)	

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~~Afternoon of 11 July 1951~~

Time: 2:00 P.M.  
Place: Room           , Building           , Arlington Hall Station (02 to designate)

Time  
~~2:00~~  
~~2:00~~

*Seminar*  
6. *a* Presentation on electronic representation of rotors: *wired*  
(Name to be designated) 1

*7-11-51  
Eastern  
Signal*

~~b. Question and discussion period~~

*Seminar*  
7. *a* Presentation on known mathematical principles of wired rotors:

(Name to be designated)

*Dr. H. Campaigne, with  
LCDR M. Hall  
LCDR A. Gleason*

~~b. Question and discussion period~~

*July*  
Sessions after 11 ~~June~~ 1951:

Individual visits to working sections and discussions with technical personnel engaged in working on specific problems in the field of interest.

*Agenda of* Final Session

(To be decided later. At this session it will be desirable to discuss with SCAG nominees for additional membership.)

*their recommendations for*

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## Agenda for 10 July 1951

Time: 9:00 A.M.

Place: Room 202, Building 20, Naval Security Station, 3801 Nebraska Avenue, North West, Washington.

## 1. Welcoming remarks:

Rear Admiral Earl E. Stone, USN, Director, AFSA;  
 Mr. Edwin A. Speakman, Executive Director, Committee on  
 Electronics, RDB; and  
 A representative of the Director of Central Intelligence

## 2. Outline of program for this Conference:

Capt. J. S. Harper, USN, Chief, Office of Research and  
 Development, AFSA

## 3. Presentation on certain cryptographic devices.

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## LUNCHEON

(Executive dining room, Naval Security Station Cafeteria)

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## 4. Discussion of logical design of certain machines used as aids in the solution of cryptographic problems.

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11 July 1951

Time: 9:00 A.M.

Place: Room 0200, Building "B", Arlington Hall Station.

5. Discussion of engineering design and problems in the construction and functioning of certain machines used as aids in solution of cryptographic problems.

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## LUNCHEON

(Executive dining room, AHS Cafeteria)

\* \* \* \* \*

6. Seminar on electronic representation of rotors.
7. Seminar on known mathematical principles of rotors.

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## Sessions after 11 July 1951:

Individual visits to working sections and discussions with technical personnel engaged in working on specific problems in the field of interest.

## Final Session

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*The Agenda as mailed  
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