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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. *202* *20*
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~~

cryptographic devices wired
3. Presentation on ~~cryptographic machines~~ 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

in the construction

~~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 -	← (name to be designated)	Mr. L. 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. S. Eachus
11:30	Question and discussion period		
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:
(Name to be designated) 1

wired

7. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

~~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 for 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)

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

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*The Agenda as mailed
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