

50383 REMARKS ON SUM (MOB) 23 OCTOBER 1951 (S-061445)

8036 OF 19,002

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UNCLASSIFIED

KD 89690

SCREENED

By MBD Date 7/14/25

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23 October 1951

REMARKS ON SCM (MCB)

The SCM is equipped with two switches each of which may be set in two positions to accomplish the following motions:

A	Switch 1	Position 1	1	2	3	4	5
	"	2	"	1			
B	Switch 1	Position 1	1	2	3	4	5
	"	2	"	2			
C	Switch 1	Position 2	1	2	3	4	5
	"	2	"	1			
D	Switch 1	Position 2	1	2	3	4	5
	"	2	"	2			

COMMENTS

1. Method A is normal AJAX motion.
2. Method B blocks some of the attacks known to be possible for Method A (AJAX).
 - a. 4th rotor offset.
 - b. Any attack which involves making all trials for three rotors (3, 4, 5 or 1, 2, 3) independently. Testing would only be possible on four rotors.
3. Method C succeeds only in interchanging the tires on R3 and its effect is negligible.
4. Method D incorporates Method B and Method C. Comments 2 and 3 apply.
5. Any attack based on exhaustive trials for the rotor arrangement would be four times as long if the switch settings were unknown.

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Deputy Associate Director for Policy and Record

On 20150318 by AB

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