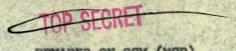
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By M&D Date 7/14/25



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			Position	The state of the s		L	2	3	4	5		
В	Switch		Position		, ,	Ĺ	2	3	4	5		
C		10000	Position		,	L	2	3	4	5		
D			Position		,	L	2	3	4	5		
					COMME	NTS						

- 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

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