LUG SETTINGS Appendix I

TM 11-380

h. Alternate Overlap Distribution. Overlap distribution of the following form produces a good key but does not follow strictly the rules for overlap distribution. Lug settings of this nature should be kept to a minimum in key lists.

PURPOSE. The foregoing limitations are imposed to provide the greatest amount of security possible in the shifting
of the alphabets, and to add to the difficulties of enemy cryptanalysts engaged in making a mathematical analysis of the
messages.

Table III. Position of drum bar lugs work sheet.

PREPARATION OF PIN AND

	1	2	3	4	5	6
1	TOU	-Value	X	19111	TANK P	X
2	20170	TOTAL	1737	X 910		X
3	X		II.II			X
4	X				X	
5		San and		X	X	
6	8-61		9.10%	X		LIAN.
7				X		
8	0.00	200		X		
9		8 8 8 8	80 5 E	X		15.23
10		X	BY FR			
11		X			1000	W. 012
12,	1311	X	1975	1 1	WALE OF	E 13
13		X				0.0
14		X			10000	
15	Mark	X	100	2 1 3	25 1	1
16		X	OL SE			
17	Sell	X			- 27-2	400
18		X	0 - 5 - 23		- 0100	
19		X		114	-	
20		X			X	
21		X	SIBE	113	X	BEL
22	28 1		100		X	237
23		1 00			X	
24				FIR	X	BAT
25					X	2000
26					X	
27			PIE	1111	X	100.5