Q	Baudot Code and Vernam		
	00011	А	
1. 10 1	11001	в	
1	01110	С	
and the second	01000	CR	
	00010	LF	
	With Vernam cipher, and infinite, random key unbkreabkle.		
	How to get key? (see http://www.codesandciphers.org.uk/lorenz/fish.htm)		







Tunny

Decryption was automated (Tunny machine), but settings had to be found manually, taking up to 6 weeks.





Newman/Flowers

•Mathematician Max Newman developed a computer to find settings automatically (based on Turing's idea of a universal machine).

•Tommy Flowers built Colossus based on this idea, using valves rather than relays.



•First electronic computer (not stored-program) •Consisted of 1500 valves •Finished in 1943 at Post Office and shipped to BP

•5000 characters per second