

1046-D1-2016 **Maryam Vulis*** (mlv2007@earthlink.net), 67-67 Burns St, Apt. 4k, Forest Hills, NY 1175. *The Venona Project*.

The Venona project, created in 1943, helped decipher Soviet Intelligence messages.

It exploited the vulnerability of one-time pads which were used and reused by the Soviets in diplomatic and intelligence traffic.

The Venona project examined cryptosystems with number encoding. The use of one-time pads would have made decryption impossible if not for mistakes and brute force analysis.

Work on the Venona project continued for 40 years, and some of the translations were eventually declassified. (Received September 16, 2008)