

SEVENTEENTH JUDICIAL CIRCUIT

Attachment A

Juror Selection Random Number Generation Procedure

The computer program which generates random numbers, used for the selection of jurors, was provided by the Florida State Court Administrator's Office. The formula was developed by Dr. G. Marsaglia and B. Narasimhan of Florida State University.

Seed Generation

At the beginning of each year a file is built containing a record for each julian day (1-365) and 4 seed values associated with each day. The seed values are derived from a list provided by the State Court Administrator's Office.

When the selection process is initiated the current julian day (stored in the computer) is matched with the associated record in the julian date file and the four seed values are utilized to begin the random number generation.

Algorithm

The attached paper 'Toward A Universal Random Number Generator' authored by Dr. George Marsaglia, explains the algorithm used to generate random numbers.