

RNG CERTIFICATION

Certified Fair Gambling www.certifiedfairgambling.com

September 15, 2018



Social Poker

[a product of Odysseus Software: <http://www.odysseus.software>]

Odysseus Software has presented the Random Number Generator (RNG) used in their poker app, "Social Poker", to Certified Fair Gambling for analysis purposes. This included both the source code of the RNG itself and relevant source code for when the RNG was used to generate cards for the deck used in Social Poker.

An exhaustive series of tests was conducted in two parts; first, the RNG's raw output itself was subjected to the industry-standard Diehard test suite, as well as certain other tests recommended by the National Institute of Standards and Technology.

Next, the cards generated by the poker code, driven by the RNG, were subjected to a series of variance tests to determine how often certain common memorable occurrences take place.

The results of both series of tests indicate that the poker deck driven by Social Poker's RNG generates an experience that matches the experiences one would get with a thoroughly shuffled deck of real-life cards, with distributions that fit the theoretical expectations of the tested random events.

As such, Certified Fair Gambling presents the following certification for Odysseus Software, and the Social Poker app, in recognition of their dedication to providing a fair and random gambling experience to all players.

The latest information on this certification can be found at: <https://certifiedfairgambling.com/clients/>

A handwritten signature in black ink, appearing to read "Charles Mousseau".

Charles Mousseau, B. Sc.
Certified Fair Gambling
cfg@certifiedfairgambling.com

Date: September 15, 2018