



## **Random Number Generator Certificate**

**Operator:** World Poker Club

**URL:** [www.worldpokerclub.com](http://www.worldpokerclub.com)

This is to certify that iTech Labs has evaluated the Random Number Generator (RNG) by International Software Technology (IST), and found that the RNG complies with the relevant standards\*.

The IST RNG implementation employs a composite RNG consisting of a hardware device with a Pseudo Random Number Generator (PRNG) as backup. The PRNG uses a widely recognized algorithm to generate random numbers.

The numbers generated by the hardware device and the PRNG have passed Marsaglia's "diehard" tests for statistical randomness.

iTech Labs has evaluated single deck shuffling for both the hardware RNG and the PRNG. Chi-squared tests were applied to over 2 million shuffled decks each for the hardware RNG and PRNG. The tests were applied to suits, ranks and cards.

iTech Labs has found that the card sequences are unpredictable, non-repeatable and the cards are uniformly distributed for both the hardware RNG and the PRNG.

The certified code for the RNG has been fingerprinted.

Click here to view the [Original](#) Tech Labs Certificate.

**Signed:**

A handwritten signature in black ink, appearing to read "G. Y. Nicoll".

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**Geoff Nicoll**

Principal Consultant

**iTech Labs Australia**

Date: October 29, 2008

\* Notes:

1. The relevant AGCC standards are available at <http://www.gamblingcontrol.org/>
2. The relevant UK Gambling Commission standards are available at <http://www.gamblingcommission.gov.uk/>

Disclaimer.

While it is not possible to test all possible scenarios in a laboratory environment, iTech Labs has conducted a level of testing appropriate for a component test of this type.