



19 May 2010

The Board of Directors
Playtech Limited
2nd Floor St. George's Court
Upper Church Street
Douglas
Isle of Man

RE: TST Evaluation of Playtech RNG

This Evaluation Results Letter pertains to Technical Systems Testing (TST)'s Update Compliance Evaluation of Playtech Limited (Playtech)'s Casino System Random Number Generator (RNG), for use within highly-regulated jurisdictions worldwide.

TST's evaluation of Playtech's RNG was performed with the aim of identifying and detailing system weaknesses and potential issues of non-compliance with applicable requirements from the following standards and specifications:

- Playtech's technical specifications for their RNG, and
- Generally-accepted industry standards for highly-regulated jurisdictions worldwide.

TST had previously evaluated an earlier version of Playtech's RNG. Accordingly, the scope of work for the current Update Compliance Evaluation of Playtech's RNG included (but was not necessarily limited to) the following elements:

- Submitted Documentation Review (Check for Changes),
- Source Code Comparison (Check for Changes),
- RNG Testing (Test Changes), and
- Final Outcome Distribution Tests.

TST successfully completed the Update Compliance Evaluation of the Playtech RNG on 19 May 2010.

TST has verified, through mathematical and statistical analysis, that Playtech's RNG distributes numbers with fair distribution, lack of bias to particular outcomes and sufficient non-predictability. TST's Final Outcome Distribution Tests were performed using confidence intervals between 95% and 98%, which are documented intervals of confidence for such statistical analysis.

The evaluation has shown that Playtech's RNG produces a statistically acceptable source of random numbers for the following Playtech games / applications:

SLOT GAMES			
Game Name	DOFs	Game Name	DOFs
Bermuda Triangle	31	Skazka	127
Fountain of Youth	21	From Russia With Love	127
Haunted House	21	Beach Life	11,127
Neptune's Kingdom	21	Ultimate Fighters	2,77
Rock'n'Roller	21	Take 5 Million	11,127
Custom 5-reel	24	Fish-o-Mania	122
Diamond Valley	31	Dr Love More	127
Fruitmania	31	Desert Treasure	11,127
Crazy 7's	54	Game Ball	77
Jungle Boogie	55	Perfect Planet	77
Alchemist's Lab	59	A Night Out	5,127
Magic Slots	59	Spin 2 Million	2,127
Safecracker	59	Arctic Treasure	24,51,127
Custom 3-reel	63	Azteca	1,7,51,127
Golden Tour	63	Big Blue	3,4,12,127
Vacation Station	77	Diamond Valley Pro	1,2,51,127
8-ball Slots	87	Silent Samurai	3,12,15,19,127
Captain's Treasure	99	Wild Spirit	15,19,51,127
Cinerama	99	Irish Luck	127
Funky Monkey	99	Iron Man	9,19,39
Highway Kings	99	Iron Man with Marvel Jackpot	9,19,39
Silver Bullet	99	Hulk	2,6,47
Sunny Progressive	99	Hulk with Marvel Jackpot	2,6,48
Tres Amigos	99	La Chatte Rouge	4,5,9,39
Party Line	119	The House of the Dead Reels	24,127
Chinese Kitchen	122	Virtua Fighter Reels	1,2,51,127
\$5 Million Winning Streak	127	X-Men	4,35,41,44
Queen of Pyramids	127	Mini Desert Treasure	11,127
Wall Street	127	Safari heat	12,29,33,34,35,42
Win a Million	127	Panther Moon	29,33,34,35,42,51
Goblin's Cave	154	Rome and Glory	128,136
Triple Profits	177	Thai Paradise	128,136
Gold Rally	199	True Love	29,33,34,35,42,51
Sultan's Fortune	199	Cherry Love	39,40
Ocean Princess	207	Skazka	127
Tropic Reels	250	Phantasy Star	15,19,51,127
Greatest Odyssey	24,127	Elektra	40,42,43,47,48,49
Farmer's Market	15,19,127	Blade	50,51,52,55
Geisha Story	5,127	Daredevil	14,51,52,56,89
Bonus Bears	4,10,38	Happy Bugs	1,3,7,12,127
What's Cooking	5,127	From Russia with Love	1,2,3,4,5,51,127
Wanted	5,127	Cute and Fluffy	127
Forest of Wonders	127,1023	Fairy Magic	127
Evel Knievel Slots	11,127	Fantastic Four	39,41,44,46
Alien Hunter	14,23,127	Nights Reels	51,127,135
Thrill Seekers	2,127	Pink Panther	77,78,79,81
Football Rules	5,127	Rocky	3,12,39,99
Mega Kings Cash Runner	11,127	Archer	92,93,96,98
Tila's Tattoo Shop	127	Banana Monkey	127
Ugga Bugga	207	Penguin Vacation	1,2,3,12,127
Lotto Madness	5,127	Punisher War Zone	127
Dennis Rodman Slots	11,127	Pharaoh's Secret	14,16,17,23,29,31,34,42,45,48,49,51,56,58
Global Traveler	11,127	The Discovery	29,34,51,54
Millionaire's Lane	11,127	The High Life	127

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ARCADE GAMES			
Game Name	DOFs	Game Name	DOFs
Around the World	48,98,100,101	Pop Bingo	89
Bonus Bowling	2,9999	Rock-Paper-Scissors	2
Derby Day	1,5,6,17,2 ⁵³ - 1	Rollercoaster Dice	5
Dice Twister	5	Spin a Win	23
Fixed Odds Slots	2 ⁵³ - 1	Solo Mahjong	99
Genie's Hi-Lo	51	Knockout	2 ⁵³ - 1
Genie's Hi-Lo Progressive	10,52	Darts	16,725
Heads or Tails	2 ⁵³ - 1	Final Score	1,199
Jackpot Darts	19,2 ⁵³ - 1	Hold'Em Showdown	23,34
Keno	79	Pinball Roulette	36,1549
Keno Xperiment	79	Pirate Hi-Lo	12
Megaball	47	Mini Pirate Hi-Lo	51
Penalty Shootout	2 ⁵³ - 1		
VIDEO POKER GAMES			
Game Name	DOFs	Game Name	DOFs
Tens or Better	51	Jacks or Better 4-line	51
Jacks or Better	51	Deuces Wild 4-line	51
Deuces Wild	51	Jacks or Better 10-line	51
Aces and Faces	51	Aces and Faces 25-line	51
Joker Poker	52	Jacks or Better 50-line	51
Megajacks	52	50-line Joker Poker	51
Two Ways Royal	51	Jacks or Better Zero	51
Aces and Faces 4-line	51	All American Video Poker	51
TABLE GAMES			
Game Name	DOFs	Game Name	DOFs
Sic Bo	5	3D Roulette	36
American Roulette	37	Premium European Roulette	36
European Roulette	36	Premium American Roulette	37
Craps	5	Premium French Roulette	36
Club Roulette	36	Premium Roulette Pro	36
Mini Roulette	12	Zero Roulette	36
American Roulette Gold	37	Multiplayer French Roulette	36
French Roulette	36	Multiplayer European Roulette	36
SCRATCH GAMES			
Game Name	DOFs	Game Name	DOFs
Beetle Bingo Scratch	89,999,9999	Roulette Scratch	36,999,9999
Blackjack Scratch	51,999,9999	Santa Scratch	125,999,9999
Classic Slots Scratch	2,9,999,9999	Pharaoh's Kingdom Scratch	8,999,9999
Football Mania Scratch	8,999,9999	Winners Club Scratch	3,99,9999,999999
Love Match Scratch	125,999,9999		
OTHER GAMES			
Game Name	DOFs	Game Name	DOFs
Dollar Ball	48	Dolphin Paradise Pachinko	9,18

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CARD GAMES			
Game Name	DOFs	Game Name	DOFs
6-deck Blackjack ("Regular")	311	Three Card Poker	51
6-deck Peekrule Blackjack ("Peek")	311	Red Dog Poker	51
1-deck Blackjack ("Pro")	51	Caribbean Stud Poker	51
Bet Casino Blackjack	311	Let It Ride Bonus	51
UK Rules Blackjack	311	Pai Gow Poker	52
Blackjack Surrender	311	Casino Hold 'Em	51
Blackjack Switch	311	Tequila Poker	51
Pontoon	415	Baccarat	51
Progressive Blackjack	311	Casino War	311
Pick'Em Blackjack	311	Wild Viking	2 ³²
Lucky Blackjack	51	Stravaganza	259
Zero Blackjack	416	Progressive Baccarat	51
Multiplayer Blackjack	311	Baccarat side bets	51
Multiplayer Blackjack Surrender	311	Zero Baccarat	51
21 Duel Blackjack	311		

Subject to 1) the inherent limitations of laboratory compliance testing, and 2) any specific limitations stemming from the scope of work as listed above, it is TST's position that Playtech's RNG complies with the requirements listed above. Accordingly, TST recommends the approval of Playtech's RNG, for use within highly-regulated jurisdictions worldwide.

TST's evaluation was performed using a particular test version of Playtech's RNG. TST's evaluation was therefore based on specific information and materials (including, but not necessarily limited to, hardware, software, source code, documentation and general correspondence), as submitted to TST throughout the duration of the project.

For verification purposes, TST has maintained a control version (or the means of verifying the control version) of all information and materials submitted during the evaluation.

Yours sincerely,



Mr. Noah Turner
Chief Technical Officer (CTO)
TECHNICAL SYSTEMS TESTING (TST)