



29 January 2009

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

RE: TST Evaluation of Playtech's RNG

This Certification Letter pertains to Technical Systems Testing (TST)'s Second Pass 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 any applicable requirements from the following requirements:

- EGBA's **Software Provider Requirements**,
- Playtech's Technical Specifications, and
- Generally accepted industry standards for highly regulated jurisdictions worldwide.

TST has also previously evaluated a prior version of Playtech's RNG. Accordingly, the scope of work for the current evaluation of Playtech's RNG included (but was not necessarily limited to) the following elements:

- Submitted Documentation Review (Check for Changes),
- Compliance Report (CR) Responses Review (Check for Changes),
- Source Code Comparison (Check for Changes),
- RNG Testing (Test Changes), and
- Final Outcome Distribution Tests (for new Degrees of Freedoms (DOFs) only).

TST successfully completed the Second Pass Evaluation of the Playtech RNG on 29 January 2009.

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.

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

CASINO PLATFORM			
ARCADE GAMES			
Game Name	DOFs	Game Name	DOFs
Around the World	48,98,100,101	Keno	79
Bonus Bowling	2, 9999	Keno Xperiment	79
Derby Day	1, 5, 6, 17, 2 [^] 53-1	Megaball	47
Dice Twister	5	Penalty Shootout	2 [^] 53-1
Fixed Odds Slots	2 [^] 53-1	Pop Bingo	89
Genie's Hi-Lo	51	Rock-Paper-Scissors	2
Genie's Hi-Lo Progressive	10, 52	Rollercoaster Dice	5
Heads or Tails	2 [^] 53-1	Spin a Win	23
Jackpot Darts	19, 2 [^] 53-1	Solo Mahjong	99
VIDEO POKER GAMES			
Game Name	DOFs	Game Name	DOFs
Tens or Better	51	Aces and Faces 4-line	51
Jacks or Better	51	Jacks or Better 4-line	51
Deuces Wild	51	Deuces Wild 4-line	51
Aces and Faces	51	Jacks or Better 10-line	51
Joker Poker	52	Aces and Faces 25-line	51
Megajacks	52	Jacks or Better 50-line	51
Two Ways Royal	51		
TABLE GAMES			
Game Name	DOFs	Game Name	DOFs
Sic Bo	5	Craps	5
American Roulette	37	Club Roulette	36
European Roulette	36	Mini Roulette	12
French Roulette	36	American Roulette Gold	37

SLOT GAMES			
Game Name	DOFs	Game Name	DOFs
Bermuda Triangle	31	Ocean Princess	207
Fountain of Youth	21	Tropic Reels	250
Haunted House	21	Greatest Odyssey	24, 127
Neptune's Kingdom	21	Farmer's Market	19, 127
Rock'n'Roller	21	Geisha Story	5, 127
Custom 5-reel	24	Bonus Bears	4, 10, 38
Diamond Valley	31	What's Cooking	5, 127
Fruitmania	31	Wanted	5, 127
Crazy 7's	54	Forest of Wonders	127, 1023
Jungle Boogie	55	Evel Knievel Slots	11, 127
Alchemist's Lab	59	Alien Hunter	14, 23, 127
Magic Slots	59	Thrill Seekers	2, 127
Custom 3-reel	63	Mega Kings Cash Runner	11, 127
Golden Tour	63	The High Life	127
Vacation Station	77	Tila's Tattoo Shop	127
8-ball Slots	87	Ugga Bugga	207
Captain's Treasure	99	Lotto Madness	5, 127
Cinerama	99	Dennis Rodman Slots	11, 127
Funky Monkey	99	Global Traveler	11, 127
Highway Kings	99	Millionaire's Lane	11, 127
Silver Bullet	99	Skazka	127
Sunny Progressive	99	From Russia With Love	127
Tres Amigos	99	Beach Life	11, 127
Party Line	119	Ultimate Fighters	2, 77
Chinese Kitchen	122	Take 5 Million	11, 127
\$5 Million Winning Streak	127	Fish-o-Mania	122
Queen of Pyramids	127	Dr Love More	127
Wall Street	127	Desert Treasure	11, 127
Win a Million	127	Game Ball	77
Goblin's Cave	154	Perfect Planet	77
Triple Profits	177	A Night Out	5, 127
Gold Rally	199	Spin 2 Million	2, 127
Sultan's Fortune	199	Wild Spirit	15, 19, 51, 127
Silent Samurai	3, 12, 15, 19, 127	Diamond Valley Pro	1, 2, 51, 127
Arctic Treasure	24, 51, 127	Silent Samurai	3, 12, 15, 19, 127
Azteca	1, 7, 51, 127	Wild Spirit	15, 19, 51, 127
Big Blue	3, 4, 12, 127	The High Life	127
Safe Cracker	59	Football Rules	5, 127

CARD GAMES		
Game Type	Game Name	DOFs
Blackjack	6-deck Blackjack ("Regular")	311
Blackjack	6-deck Peekrule Blackjack ("Peek")	311
Blackjack	1-deck Blackjack ("Pro")	51
Blackjack	Bet Casino Blackjack	311
Blackjack	UK Rules Blackjack	311
Blackjack	Blackjack Surrender	311
Blackjack	Blackjack Switch	311
Blackjack	21 Duel Blackjack	311
Blackjack	Progressive Blackjack	311
Blackjack	Pontoon	415
Poker	Three Card Poker	51
Poker	Red Dog Poker	51
Poker	Caribbean Stud Poker	51
Poker	Let It Ride Bonus	51
Poker	Pai Gow Poker	52
Poker	Casino Hold 'Em	51
Poker	Tequila Poker	51
Baccarat	Baccarat	51
Baccarat	Progressive Baccarat	51
Card Games	Casino War	311
-	Wild Viking	2^32
-	Stravaganza	259
OTHER GAMES		
Game Type	Game Name	DOFs
Lottery	Dollar Ball	48
Pachinko	Dolphin Paradise Pachinko	9, 18

Subject to 1) the standard limitations of laboratory compliance testing, and 2) the limitations of 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 Playtech's RNG. TST's evaluation was 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,



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TECHNICAL SYSTEMS TESTING (TST)