



STATE OF WASHINGTON
GAMBLING COMMISSION

"Protect the Public by Ensuring that Gambling is Legal and Honest"

June 14, 2023

Sent via email to rsantoriello@lnw.com

Renee Santoriello
Light and Wonder
6601 S. Bermuda Road
Las Vegas, NV 89119

RE: L&W GM Atlas Game Rule Update (multiple games) - Submission #3119

Dear Ms. Santoriello:

Light and Wonder amended multiple previously approved card games to include some of the following information:

- Added reference to the GM Atlas/Nexus Command II Progressive System.
- Added updated utility products.
- Updated name to Light and Wonder.

The amended games were as follows:

1	6-5-4 Poker	34	High Five Poker
2	6 Card Fortune Pai Gow	35	House Money – Dual Progressives
3	Bahama Bonus Blackjack	36	I Luv Suits Poker – Dual Progressives
4	Bet The Bust	37	King's Bounty
5	Bet The Set 21	38	King's Bounty – Dual Progressives
6	Bet The Set 21 Deluxe	39	Let It Ride, 3 Card Bonus – Cover All Bonus
7	Big Raise Hold'Em	40	Match Jack
8	Big Raise Stud Poker	41	Mississippi Stud – Cover All
9	Blackjack Switch	42	Pai Wow Bonus
10	Blazing 7's Progressive – Dealer's Up Card	43	Rabbit Hunter Stud Poker
11	Blazing 7's Progressive – Player Cards Only	44	Roll Your Own Blackjack
12	Caribbean Stud Poker	45	Royal Match 21 – Dual Progressives
13	Casino War	46	Royal Match 21 Deluxe
14	Cincinnati Seven Card Stud	47	Sharp Shooter – Tribal
15	Crazy 4 Poker - Coverall	48	Six Card Poker
16	Dakota Stud	49	Solitaire Stud

Ms. Santoriello

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17	DJ Wild Stud Poker - Coverall	50	Straight Edge Poker
18	Dragon Bonus	51	Super Fun 21
19	Dragon Bonus – Commission Free	52	Supreme 99
20	EZ Baccarat with Dragon Bonus	53	Texas Hold’Em Bonus
21	EZ Pai Gow	54	Three Card Baccarat
22	Face Up Pai Gow Poker – Dual Progressives	55	Three Card Draw Poker
23	Fast Action Hold’Em	56	Three Card Draw Poker, Pairs Plus
24	Field Gold 21	57	Three Card Poker
25	Flush Rush	58	Three Card Poker 6 Card Bonus – Face Up
26	Flushes Gone Wild	59	Three Card Poker Bonus – Face Up
27	Fortune 7 Baccarat	60	Three Card Poker Bonus - Tribal
28	Fortune Asia Poker	61	Three Card Poker Progressive – Cover All
29	Fortune Blackjack	62	TriLux Bonus – Dual Progressives
30	Fortune Pai Gow Poker Progressive	63	Triple Shot Rummy
31	Fortune San Lo Poker Progressive	64	Triple Shot Bonus
32	Four Card Poker	65	Ultimate Texas Hold’Em – Cover All
33	Free Bet Blackjack – Dual Progressives	66	Zappit Blackjack – Dual Progressives

We have reviewed the changes to the games noted above. Based on our review of the documentation we received from Light and Wonder, the Washington State Gambling Commission will approve the games under the conditions listed below:

- The games shall be played and operated under the terms and conditions set forth under the game rules you provided on May 5, 2023 and June 5, 2023 and are enclosed.

Commercial Card Rooms

- Commercial card room operators seeking to operate any of these games must first submit their internal controls and receive approval from the Commission prior to implementing.
- Manufacturers and distributors of graphic layouts and/or any other equipment associated with these games must be licensed by the state prior to the sale of the equipment.

Tribal Casinos

- Each Tribal Gaming Operation must request and obtain approval from their respective Tribal Gaming Agencies (TGA).
- Before TGA allows your games to operate, they will seek concurrence from our agency as well.

- In addition to your approved rules, the Tribal submission to us must include all supplemental information required by Tribal-State Compact Appendix A, Section 18.
- Manufacturers and distributors of graphic layouts and/or any other equipment associated with the game must be certified by the state and licensed by the Tribe prior to the sale of the equipment.

Any modifications to these games may affect this approval. If you have any questions on commercial implementation, please contact Jess Lohse at (206) 786-3530. If you have any questions on Tribal implementation, please contact Kelly Main at (206) 423-4260.

Thank you for your cooperation and willingness to comply with the gambling laws of Washington State.

Sincerely,

DocuSigned by:

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Gary Drumheller
Assistant Director
Enforcement and Operations Division

cc: Jim Nicks, Special Agent in Charge, Regulation Unit
Dan Wegenast, Special Agent in Charge, Tribal Gaming Unit
Jess Lohse, Special Agent, Regulation Unit
Brian Lane, Special Agent, Regulation Unit
Kelly Main, Special Agent Supervisor, Tribal Gaming Unit
File



Fortune 7 Baccarat

Commission Free Baccarat Game

Training Manual

Fortune 7 Baccarat is a Commission Free version of the standard Mini-Baccarat game with our added optional Fortune 7 and One Up wagers. All rules pertaining to Mini-Baccarat as posted on the WSGC's website remain the same except as noted in the Rules of Play below.

INTRODUCTION

Fortune 7 Baccarat is a version of Commission Free Baccarat. The game play is identical to standard mini-baccarat, with two exceptions:

- Banker bets push if they win with a three-card total of 7.
- Winning Banker bets are not charged a commission.

Bonus Wagers:

This game features two optional bonus wagers: **Fortune 7** and **One Up**. There is one betting spot per position for **Fortune 7** and one betting spots per position for **One Up** (Player only).

Sample Paytables Below:

The **Fortune 7** bet wins—and pays 40 to 1—if the Banker wins with a three-card total of 7 points.

Fortune 7	40 to 1
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The **One Up** bet wins – when any player hand wins by a 1-point margin of victory. The bet pays the top payout for a 1-0 win, and a lower payout for any other win by 1 point. All other outcomes, the bet will lose.

Win 1-0	30 to 1
Other win by 1	9 to 1
All others	Lose

RULES OF PLAY

- 1) To begin each round, players must make their standard Mini-Baccarat wager(s) and the optional *Fortune 7*, One Up wagers.
- 2) The dealer then follows house procedures for dealing Mini-Baccarat. While reconciling the Mini-Baccarat wagers, the dealer also reconciles the ***Fortune 7 and One Up*** bonus bets.
 - a. It is left to the casino's discretion as to whether or not the player may make the ***Fortune 7 / One Up*** bonus wagers without playing the base game of mini-baccarat.
- 3) If the player's hand qualifies for payouts, the dealer pays the player according to the posted payable odds.
- 4) If the player's hand does not qualify for payouts, the dealer takes the players ***Fortune 7 and One Up*** wagers.

Additional LNW Gaming, Inc equipment can be used on this game. This equipment will be the i-Shoe with software Mico32 v2.0.141 or higher, Safe-Shoe DMC v1.2.0.0 or higher, CardRec v4.0.014 or higher i-Score with software v1.5.19 or higher.

Operators cannot allow wagering limits to exceed the authorized limits set out in WAC 230-15-040 and WAC 230-15-140.



Fortune 7	
Banker's Hand	Pays
winning 3-card total of 7	40 to 1
House Edge	7.61%

One Up	
Players Hand	Pays
Win 1-0	30 to 1
Other win by 1	9 to 1
House Edge	8.08%



PROGRESSIVE SYSTEMS FLEXIBILITY and RECOMMENDATIONS:

- Progressive meter contribution
 - When using a pay table in which all payouts are deducted from the meter, we recommend utilizing the system to configure meter contribution rates anywhere between 0-100%.
 - Most pay tables with this style of math are designed to grow over time when a contribution rate of 70% or more is used. If less is contributed, the risk of the meter “running dry” increases.
 - When using a pay table in which only the progressive (percentage) pays are deducted from the meter, we recommend only reducing the pre-configured meter contribution rate if any changes are made. Adjusting the contribution rate above the pre-configured value would reduce the mathematical house advantage of the wager.

- Reserve contribution
 - We recommend contributing a small portion of each progressive wager to the reserve. This amount will be added on to any configured seed amount after a 100% award is given, and will help reduce the drop in play expected after a jackpot hits.
 - We do not recommend eliminating a seed amount entirely and using the reserve as the only seed mechanism. All games present a certain likelihood of back-to-back awards, and this method runs the risk of restarting the meter at a very low amount in that case.

- Seed amount
 - We recommend using the pre-configured seed amount in the system. This amount is specific to the pay table selected for use, and is designed to offer a reasonable starting point that works with the pay table’s math.
 - If any changes are made, we recommend the seed amount to be at least as large as the largest “fixed” award on the pay table.
 - We do not recommend configuring a \$0 seed amount.



Fortune 7 Baccarat Progressive is a version of the standard Mini-Baccarat game with our added optional Fortune 7 Progressive wager. All rules pertaining to Mini-Baccarat as posted on the WSGC's website remain the same except as noted in the Rules of Play below. Fortune 7 Baccarat Progressive cannot be linked to any other progressive game nor linked to any other base game.

RULES OF PLAY:

1. Fortune 7 Baccarat Progressive is an optional progressive wager.
2. The bet considers both the Players and Bankers three card hand for the percentage payouts. See payable for odds with top percentage pays based on exact order.
3. The meter will be reseeded when the 100% award hits. The cost of the reseed has been factored in to the casino's mathematical advantage.
4. To begin each round, players must make their regular game's wager. They may optionally place any bonus wagers and the progressive wager. Players must place the progressive wagers on the sensor in front of their betting position. The sensor will light up.
5. Once all players place their bets, the dealer will press "START GAME" on the keypad. The sensors will then light up, indicating a progressive wager. The dealer will then remove all progressive bets from the table.
6. The dealer then follows house procedures for dealing the regular game.
7. The dealer reconciles the standard wager, any bonus wagers, and progressive wagers at the same time. Follow the procedure in the next section for reconciling percentage pays from the progressive meter.
8. Progressive winners:
 - a. The percentage pays are paid from the progressive jackpot shown on the progressive meter. Other hands are paid from the tray or from the meter, at the casino's requirements.
 - b. The percentage prize pay amount shown on the meter is split among all players, at that table, participating in the progressive wager that round.

- c. When a player has a progressive winner, the dealer shall press the appropriate hand button on the keypad. (If the hand button is pressed by accident, pressing it again will turn it off.)
- d. The dealer shall then contact a supervisor.
- e. Once the casino verifies the progressive win, the supervisor shall swipe the keycard and press the corresponding seat number and then press the hand the player received. This records the win onto the Game Manager. House procedures are then followed for paying the prize. (Reviewing the monitor connected to the Game Manager will show the prize amount to be paid, and pressing the “money bag” icon will print a win page, which can be used to help record the payout for accounting.)
- f. When the dealer reconciles all action, he presses “END GAME.” This resets the system to begin the next hand.
- g. Once the keycard is swiped after choosing the jackpot on the touchscreen, the prize is logged into Game Manager. If the progressive pay needs to be backed out at this point, the award will need to be manually backed out using the Game Manager manual adjustment feature.
- h. The table below shows example progressive hands

	Card 1	Card 2	Card 3	Hand Value	Progressive Type
Player	A-Spades	9-Diamonds	7-Hearts	7	Double 3-Card7 with Rank and Exact matches
Banker	A-Diamonds	9-Clubs	7-Hearts	7	
Player	9-Clubs	A-Clubs	7-Spades	7	Double 3-Card7 with Rank and Exact matches
Banker	A-Spades	9-Clubs	7-Spades	7	
Player	10-Hearts	2-Hearts	5-Spades	7	Double 3-card 7 with Rank matches
Banker	2-Spades	10-Spades	5-Diamonds	7	
Player	2-Hearts	10-Diamonds	5-Hearts	7	Double 3-card 7 with Rank matches
Banker	2-Clubs	10-Clubs	5-Clubs	7	
Player	10-Spades	2-Diamonds	6-Hearts	8	Does not qualify Hand Value 8
Banker	10-Spades	2-Diamonds	6-Hearts	8	
Player	10-Diamonds	7-Hearts	n/a	7	Does not qualify - 2 Card 7s

Additional LNW Gaming, Inc equipment can be used on this game. This equipment will be the i-Shoe (with software Mico32 v2.0.141 or higher, Safe-Shoe DMC v1.6.0.0 or higher and CardRec v4.0.014 or higher) and the i-Score (with software v1.5.19 or higher) or i-Score Plus (with software v1.0.0 or higher).

This game will use the approved LNW Gaming, Inc owned progressive system containing the following components and their compatible software versions: Nexus Command Game Manager v1.3.0 or higher, GM Atlas v5.4.0/Nexus Command II v5.4 or higher, Nexus Command Table Controller Software v2.0.0 and ViPS display.

Operators cannot allow wagering limits to exceed the authorized limits set out in WAC 230-15-040 and WAC 230-15-140.

Fortune 7 Baccarat Prog.

	F7BP 01
Hand	Pays
Double 3-Card 7- w/Rank & Exact Matches	100%
Double 3-Card 7 w/Rank Matches	10%
Player and Banker 3-Card 7	100 for 1
Player or Banker 3-Card 7	5 for 1
Hold	21.91%
Hit Freq.	7.00%

3-Card 7 is a final total of 7



PLAYER | BANKER

7 6 5 3 2 1

TIE # TO 1 TIE

The table layout includes the following elements:

- Player Positions (1-6):** Located along the bottom arc, each with a 'PLAYER' label and a 'ONE UP' logo.
- Banker Positions (1-6):** Located along the top arc, each with a 'BANKER' label and a 'FORTUNE 7' logo.
- Center:** A vertical line separating 'PLAYER' and 'BANKER' with a score display (7 6 5 3 2 1) and 'TIE # TO 1 TIE' text below it.
- Red Circles:** Six red circles are positioned around the center, likely representing roulette or card positions.
- Logos:** 'ONE UP' logos are placed at the bottom of each player position, and 'FORTUNE 7' logos are placed at the top of each banker position.
- Text:** Small text next to each logo provides betting rules, such as 'Banker bets pay 1 to 1' and 'Player bets pay 1 to 1'.