



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

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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

Player's Cards Only



- Blazing 7's jackpot is an optional jackpot wager for house-banked blackjack games in which one common jackpot can be used with the following WSGC approved game titles
 - Bet the Set
 - Free Bet Blackjack
 - House Money
 - Kings Bounty
 - Royal Match
 - TriLux Blackjack
 - Zappit Blackjack
- All rules pertaining to standard blackjack and approved blackjack variation games as posted on the WSGC's website remain the same and are not altered in this game. If linking multiple blackjack games, the same payable and the same number of decks must be used between all linked games. This game uses a minimum of six decks.
- Operators cannot allow wagering limits to exceed the authorized limits set out in WAC230-15-040 and WAC 230-15-140.
- This game will use the approved LNW Gaming, Inc owned jackpot system Nexus Command Game Manager 2 v2.5.4 or higher and a jackpot display or GM Atlas v5.4.0/Nexus Command II v5.4 or higher. The jackpot display can either be provided by LNW Gaming, Inc or the operator.
- The jackpot display should be a table mounted monitor with no additional intelligence or functionality, including but not limited to network capability (wired or wireless). This non-intelligent monitor can either be provided by LNW Gaming, Inc or the operator so long as it does not introduce any additional functionality.

House Jackpot and Progressive Jackpots

- Operators may choose to offer up to two jackpot game options on a layout using two independent wagering sensors and displaying two independent jackpot amounts.
- Each jackpot sensor is considered a separate game.
- Progressive Jackpots cannot be linked with House Jackpots.
- All jackpots on a table must be of a single jackpot type (House Jackpot or Jackpot).
- Operators can only offer one jackpot game option per sensor.
- When operated as a house jackpot, the jackpot amount is at the discretion of the casino. Prizes are set by the casino and are required to be displayed at each gaming table. Prizes displayed are considered property of the casino until won by one or more players. The casino must post all required notices and disclosures at each table and follow all rules for house jackpots in WAC 230-15-671.
- When operated as a progressive jackpot, rules for progressive jackpot prizes are contained within WAC 230-15-680 through WAC 230-15-720.

NEXUS COMMAND/GM ATLAS

Blazing 7's Jackpot Rules of Play (Players Card Only)

1. Blazing 7's jackpot is an optional jackpot wager for blackjack.
2. Players must make a standard blackjack bet in order to make a Blazing 7's jackpot wager.
3. The Blazing 7's jackpot considers the player's hand only. If the player does not have at least one 7 in the player's initial two cards, the jackpot bet will lose.
4. To begin each round, players must make their standard blackjack wager. They may also place an optional jackpot wager. Players must place the jackpot 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 jackpot wager. The dealer will remove all jackpot wagers on the table.
6. The dealer will then follow standard dealing procedures for blackjack.
7. The player's Blazing 7's wager will win if the player has any 7's in their initial two cards. (see payable)
8. If the player has two 7's in the first two cards and their first hit card is also a 7, the player will qualify for one of the Three 7's payouts.
 - a. Note: The "Two 7's" payout is based upon the player's first two cards only.
9. If the player receives two 7's in their first two cards and chooses to split, the jackpot payout will be based on the third card dealt to that player.
10. If the player busts, the bust card does NOT count toward the player's Blazing 7's Prog. bet.
 - a. The dealer will pick up the player's losing primary wager first, then pay the jackpot wager, pick up the cards, and continue dealing.
11. After the dealer has completed their hand, the dealer will pay and take player's hands as follows.
 - a. Working from right to left pay or take primary wager first.
 - b. Pay the jackpot wager if applicable.
12. Once all bets have been reconciled the dealer will hit "END GAME."
13. Jackpot Winner:
 - a. The percentage pays are paid from the jackpot shown on the jackpot meter.
 - b. Other hands are paid from the chip tray; they do not come off the meter.
 - c. In the event more than one jackpot meter pay hits during the same round, the dealer will first pay the player farthest on their right and then move counter- clockwise to pay other players. As Regulatory procedures permit, this policy can be replaced by casino internal controls.
 - d. When a player has a jackpot winner, the dealer will select the player spot corresponding to the player with the winning jackpot hand. The dealer will then press the appropriate hand button on the display. (If the hand button is pressed by accident, pressing it again will turn it off.)
 - e. The dealer shall then contact a supervisor.
 - f. Once the casino verifies the jackpot win, the supervisor will press the confirm button. To complete the action, a Supervisor or Executive card (depending on jackpot level) swipe is required. This records the win onto the Game Manager computer and adjusts the meter appropriately for the prize won. House procedures are then followed for paying the prize.
 - g. When the dealer reconciles all action, he presses "END GAME." This resets the system to begin the next hand.
 - h. Once the Supervisor or Executive card (depending on the jackpot level) is swiped the prize is logged into the Game Manager. If the jackpot 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.

Blazing 7's Jackpot

	1
Hand	Pays*
Three 7's - Same Suit	100%
Three 7's - Same Color	10%
Three 7's	200 for 1
First Two Cards - 7	25 for 1
Either of the First Two Cards - 7	2 for 1
Hold	24.78%
Hit Frequency	14.82%
*Original wager NOT returned	

Designed for 6 decks

	2
Hand	Pays*
Three 7's - Diamonds	100%
Three 7's - Suited (Other)	10%
Three 7's - Same Color	500 for 1
Three 7's	200 for 1
First Two Cards - 7	25 for 1
Either of the First Two Cards - 7	2 for 1
Hold	23.59%
Hit Frequency	14.82%
*Original wager NOT returned	

Designed for 6 decks

	ML03
Hand	Pays*
Three 7's - Diamonds	100% Mega
Three 7's - Suited (Other)	100% Major
Three 7's - Same Color	100% Minor
Three 7's	200 for 1
First Two Cards - 7's	25 for 1
Either of the First Two Cards - 7	2 for 1
Hold	21.65%
Hit Frequency	14.81%
*Original wager NOT returned	

Designed for 6 & 8 decks

	ML04
Hand	Pays*
Three 7's - Diamonds	100% Major
Three 7's - Suited (Other)	100% Minor
Three 7's - Same Color	500 for 1
Three 7's	200 for 1
First Two Cards - 7's	25 for 1
Either of the First Two Cards - 7	2 for 1
Hold	22.39%
Hit Frequency	14.82%
*Original wager NOT returned	

Designed for 6 decks

All settings and pays, listed in the above pay tables, are based off a fixed \$1 wager. Card room operators may select a different fixed wager amount. If the Jackpot is configured with a different fixed wager amount, pays are multiplied accordingly and displayed on the meter.



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.



