



STATE OF WASHINGTON
GAMBLING COMMISSION

“Protect the Public by Ensuring that Gambling is Legal and Honest”

December 12, 2023

Sent via email to bzarach@lnw.com

Ms. Bo Zarach
Product Compliance Manager
Light & Wonder
6601 S. Bermuda Road
Las Vegas, NV 89119

RE: Roulette X (Submission #3134 ETG's)

Dear Ms. Zarach:

Thank you for requesting approval to market the game “Roulette X” to Washington State Tribal casinos that utilize Electronic Table Games (ETG's).

Roulette X is an electronic roulette game where a player may make a variety of wagers with the result dependent upon which pocket the ball falls into on the roulette wheel. However unlike the standard Roulette game which pays the traditional 35:1 for a straight up wager, the RouletteX pay table offers players a chance to win higher pays in return for a reduced base pay.

Based on our review of the documentation we received from Light and Wonder, the Washington State Gambling Commission will approve the game under the conditions listed below:

Tribal Casinos

- The game shall be played and operated under the terms and conditions set forth under the “RouletteX – Rules of Play” you provided.
- Each Tribal Gaming Operation must request and obtain approval from their respective Tribal Gaming Agencies (TGA).
- Before TGA allows your game to operate, they will seek concurrence from our agency as well.

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P.O. Box 42400, Olympia, WA 98504 | (360) 486-3440
901 N. Monroe St., Suite 240, Spokane, WA 99201 | (509) 325-7900
wsgc.wa.gov

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- No modifications may be made to allow the game to be played online or via the internet in Washington State.

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.

Furthermore, any modifications to this game may affect this approval. Contact the Commission should you contemplate modifications. 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,

Dan Wegenast
Agent in Charge
Tribal Gaming Unit

cc: Tina Griffin, Assistant Director Licensing Operations Division
Julie Lies, Tribal Liaison
Kelly Main, Special Agent Supervisor Tribal Gaming
File

RouletteX

RouletteX is a roulette game where a player may make a variety of wagers with the result dependent upon which pocket the ball falls into on the manual, electronic or virtual (Configurable) Single 0 or Double 0 roulette wheel (Configurable – Based on Paytable chosen) However, unlike the standard Roulette game which pays the traditional 35:1 for a Straight up wager, the RouletteX payable offers players a chance to win higher pays in return for a reduced base pay.

At the end of the betting period, a random number generator will assign higher pays at random to 2, 3, 4, or 5 numbers. These higher pays are called “Multiplier” pays. If the player puts a Straight up (A single number) wager on one of these randomly chosen numbers and it is the winning number, the corresponding higher “Multiplier” pay will be used for the win amount instead of the base pay.

Rules of Play

1. At the start of each game, the live or automated Dealer (Configurable) announces, “Place Your Bets.”
2. The player can place bets during the betting period by selecting the desired chip and either dragging the chip to the desired bet position or touching the desired bet position.
3. When the betting period expires, the Dealer announces, “No More Bets.” At this time, 2, 3, 4, or 5 numbers will be randomly assigned higher pays. These are called “Multiplier” pays, although they replace the base pay instead of multiplying it.
 - a. Please note the “Multiplier” pays available to the player will be based on the operator configuration, please see the paytables for the “Multipliers” that are available based on the payable selected. (Configurable – Based on Roulette Paytable Chosen)

Roulette Paytable	RouletteX Paytables	Multipliers Available*	Standard Payout
Paytable 3	Paytable 1	X28/X50/X100/X250/X500	28 to 1
Paytable 4	Paytable 2	X26/X50/X100/X250/X1000	26 to 1
Paytable 5	Paytable 1	X28/X50/X100/X250/X500	28 to 1
Paytable 6	Paytable 2	X26/X50/X100/X250/X1000	26 to 1
Paytable 7	Paytable 3	X30/X50/X100/X175/X250	30 to 1

*** All Pays are TO 1**

4. The winning number is the pocket number on the Roulette Wheel where the ball lands. If the ball lands on a number where one of the “Multiplier” pays is assigned, the winning Straight Up (A single number) wager is paid the corresponding “Multiplier” pay specified in the payable. If the ball lands on a number which does not have an assigned “Multiplier” pay, the winning wager will be paid the base pay. The original wager is also returned to the player on a win and will be lost if the wagered number is not spun.
5. The payouts for Split, Corner, Street, Column, Dozen, Red/Black, Odd/Even, Low (1-18)/High (19-36) remain the same as the standard Roulette game. Please see below for bet positions.

Bet Positions and Standard Pays based on the RouletteX Paytables (Configurable – Based on RouletteX Paytable Chosen)

Wager	Description	Numbers Covered	Paytable 1 / A	Paytable 2 / B	Paytable 3
Straight Up	A single number (eg. 3)	1	28 to 1	26 to 1	30 to 1
Split	Any two adjacent numbers (eg. 12 & 15)	2	17 to 1	17 to 1	17 to 1
Street	Any three numbers across (eg 25, 26 & 27)	3	11 to 1	11 to 1	11 to 1

Corner	Any four joining numbers (eg. 23, 24, 26 & 27)	4	8 to 1	8 to 1	8 to 1
Five-Way**	0, 00, 1, 2, 3	5	6 to 1	6 to 1	6 to 1
Six Line	Any two adjacent streets - six numbers across (eg. 31 to 36)	6	5 to 1	5 to 1	5 to 1
Column	All of the twelve numbers in the columns (eg. 3, 6, 9 etc)	12	2 to 1	2 to 1	2 to 1
Dozen	The numbers 1 -12, 13 - 24 or 25 -36	12	2 to 1	2 to 1	2 to 1
Even Money Bets	Red, Black, Even, Odd, 1-18 & 19-36	18	1 to 1	1 to 1	1 to 1

**** Only offered on a 00 wheel (Configurable – Based on Paytable Chosen)**

6. The player can increase their chances of winning by placing multiple bets on various numbers using Group bets such as Finales (Configurable – Based on Finales Option configuration), Neighbors, Hot and Cold.
7. Group bets are quick wager selections the player can choose from to place their initial bet or can be in addition to their initial bet selection.
 - a. Finales: (Configurable – Based on Finales Option configuration)
 - i. By selecting any of the Finales numbers (0-9), a wager will be placed on each number that ends with or begins with the selected number/digit. Upon selection of the Finale number, a wager may be placed on 3 or 4 numbers depending on the number selected from the Finales numbers (0-9).
 1. Example: If Finales [4] is selected, a wager will be placed on each number that ends with or begins with the selected number/digit [4], in this case it would be the following 4 numbers: 4, 14, 24, and 34
 2. If Finales [8] is selected, a wager will be placed on each number that ends with or begins with the selected number/digit [8], in this case it would be the following 3 numbers: EX: 8, 18, 28.

FINALES	BETS
1	1, 11, 21, 31
2	2, 12, 22, 32
3	3, 13, 23, 33
4	4, 14, 24, 34
5	5, 15, 25, 35
6	6, 16, 26, 36
7	7, 17, 27
8	8, 18, 28
9	9, 19, 29
0	00 (*), 0, 10, 20, 30

*Only an option on a 00 wheel (Configurable – Based on Paytable Chosen)

- b. Neighbors:
 - i. By selecting any of the 3 Neighbors options on the display, a wager will be placed on either side of the central number of the roulette. Based on the selection the wagers will be placed on each of the 1, 2 or 3 numbers on either

side of a central number based on the roulette wheel, depending on the selection there may be 3, 5 or 7 numbers covered in total.

1. Example: If 18 is the central number then by selecting the Neighbors

option () that covers 2 numbers on each side of the central number (18), a wager will be placed on the numbers next to the (neighboring) central number (18). This selection would cover a total of 5 numbers (19,31,18,6,21)

c. Hot:

- i. The Hot tracker displays how many times the hottest 4 numbers have been hit in the Spin History. By placing a chip on the Hot Tracker display a bet of that chip value will be placed on each of the 4 numbers listed on the Hot tracker display.

1. Please note: The number displayed towards the top of the hot tracker is the "Hot" number, the number displayed on the bottom with the multiplier (x#) is indicating how many times the "Hot" number was hit in the spin history.

d. Cold:

- i. The cold tracker displays the number of spins (Configurable – Based on Cold Sorting Type configuration – Number of Spins or Number of Hits) since the coldest 4 numbers have been hit. By placing a chip on the Cold Tracker display a bet of that chip value will be placed on each of the 4 numbers listed on the Cold tracker display.

1. Please note: The number displayed towards the top of the Cold tracker is the "Cold" number, the number displayed on the bottom is indicating the number of spins since the "Cold" number was hit.

e. Bet All Numbers: (Configurable – Based on Bet All Numbers configuration)

- i. Use the Bet All Numbers to place a straight up wager on each number. To place a Bet all numbers group bet touch or drag a chip on the betting spot as shown.

8. 'DEALER BET' (Configurable – Not Available for Automated Dealer)

- a. Player may place bets for dealer by placing designated dealer chip from chip tray. If dealer bet wins, the corresponding win amount is transferred to the dealer.
- b. There are no minimum bet limits for dealer bets. Dealer bets are limited by the smallest chip denomination available on chip tray. Player may change the dealer chip denomination by dragging normal chip and dropping on the dealer chip on chip tray.
- c. When dealer chip is selected, bets placed are treated as dealer bets and are displayed differently from normal player bets. When dealer chip is selected, dealer bets are displayed on top. When player chip is selected, player bets are displayed on top.
- d. With Standard Dealer Bet enabled, when both dealer bets and player bets are placed on the same bet position, total bet amount is limited to position maximum limit. If the player bets are to be increased on same position then dealer bets will decrease accordingly to adjust to maximum limit. When either dealer bets or player bets are placed on a bet position, the total bet amount is limited to position maximum limit.
- e. Following features when enabled are not applicable for dealer bets: x2, Re-Bet, Favourite bets, Leave winning bets, Keep stand-off bets.
- f. All other betting rules including game specific rules are applicable to dealer bets as well.

9. 'DEALER TIP' (Configurable – Not Available for Automated Dealer)
 - a. Dealer tip window opens on pressing tip button on the top button panel. Player may tip the dealer by placing desired chip on the tipping window. On confirming the tip, the amount is deducted from player's credit and transferred to dealer. Player is allowed to tip the dealer from available cash credits and not from promotional credits. For games that require player interactions, tipping option is disabled during game progress.

The configurable Paytable options when Auto RNG mode is selected as "Enable Auto RNG - restricted configurations".					
Individual Game Config	Action				
Roulette					
	Pay Table 3	Pay Table 4	Pay Table 5	Pay Table 6	Pay Table 7
Roulette Layout	Disable - Single Zero	Disable - Single Zero	Disable - Double Zero	Disable - Double Zero	Disable - Double Zero
Double Zero Paytable	disabled - StdDoubleZero	disabled -StdDoubleZero	Disabled- StdDoubleZero	Disabled- StdDoubleZero	Disabled- StdDoubleZero
Surrender Rule	Read only - No	Read only - No	Read only - No	Read only - No	Read only - No
Start Game Feature	editable	editable	editable	editable	editable
Auto tip option	editable	editable	editable	editable	editable
Neighbours Type	editable	editable	editable	editable	editable
Zero Spiel Option	editable	editable	disabled-No	disabled-No	disabled-No
Split Column Option	editable	editable	editable	editable	editable
Split Dozen Option	editable	editable	editable	editable	editable
Finales Option	editable	editable	editable	editable	editable
Chi-Square Test	editable	editable	editable	editable	editable
RouletteX Paytable	Read only- Paytable 1	Read only- Paytable 2	Read only- Paytable 1	Read only- Paytable 2	Read only- Paytable 3
Show possible Win	editable	editable	editable	editable	editable
Restricted Betting	editable	editable	editable	editable	editable
Cold Sorting Type	editable	editable	editable	editable	editable
Bet All Numbers	editable	editable	editable	editable	editable

COLLECT

HELP



CRAPS CRAPS-5

BET \$0.00 WIN \$0.00

THREECARDPOKER THREECARDPOKER-3

BET \$0.00 WIN \$0.00

BACCARAT BACCARAT-7

BET \$0.00 WIN \$0.00

BLACKJACK BLACKJACK-4

BET \$0.00 WIN \$0.00

SICBO Sicbo-2

BET \$0.00 WIN \$0.00

CASINOWAR CASINOWAR-1

BET \$0.00 WIN \$0.00

ROULETTE Roulette-6

BET \$0.00 WIN \$0.00

ROULETTEX Roulette-8

ROULETTEX

ROULETTE-8

LAST BETS

MIN-BET: \$1.00
MAX-BET: \$200.00

\$0.01 DEMO



Total Minimum Bet is \$1.00

FINALES

1	2	3	4	5
6	7	8	9	0

HOT HITS IN THE LAST 142 SPINS

31	30	25	2
x12	x9	x7	x7

SPINS SINCE LAST HIT COLD

20	32	16	1
125	100	74	107

NEIGHBORS

30	11	7	26	30	11	7	20
9	26	30	11	7	20	32	

HISTORY || 34 0 23 0 8 27 31 27 0 15 18 22 14 4 31 30 18 36 15

3	6	9	12	15	18	21	24	27	30	33	36	2 TO 1	
0	2	5	8	11	14	17	20	23	26	29	32	35	2 TO 1
1	4	7	10	13	16	19	22	25	28	31	34	35	2 TO 1
1 - 12			13 - 24				25 - 36						
1 - 18		EVEN		RED		BLACK		ODD		19 - 36			

MALFUNCTION VOIDS ALL PAYS AND PLAYS

GAME #160 TID #1

BET \$0.00 WIN \$0.00

CREDIT \$972.11

Chip denominations: \$1, \$2, \$2.50, \$5, \$10

Buttons: X2, UNDO, RE-BET, CLEAR BET

Physical 41.57% Committed 59.06% DIAG DEMO

COLLECT

HELP



ROULETTEX
ROULETTE-19

PLACE YOUR BETS

MIN-BET: \$10.00
MAX-BET: \$1,000.00

\$0.01
DENOM

QUARTZ
HYBRID



STATS WHEEL

RED	BLACK		
13%	62%	25%	
ODD	EVEN		
25%	50%	25%	
1-18	19-36		
25%	50%	25%	
1-12	13-24	25-36	
25%	25%	25%	25%
1ST COLUMN	2ND COLUMN	3RD COLUMN	
50%	13%	12%	25%

ROULETTEX

PLACE YOUR BETS

FINALES

1	2	3	4	5
6	7	8	9	0

HOT HITS IN THE LAST 8 SPINS

10	0	22	19
x2	x2	x1	x1

SPINS SINCE LAST HIT COLD

1	2	3	4
8	8	8	8

HISTORY ▶ 10 0 22 0 10 19 26 33

00	3	6	9	12	15	18	21	24	27	30	33	36	2 TO 1
	2	5	8	11	14	17	20	23	26	29	32	35	2 TO 1
0	1	4	7	10	13	16	19	22	25	28	31	34	2 TO 1
	1 - 12			13 - 24			25 - 36						
	1 - 18		EVEN		RED		BLACK		ODD		19 - 36		

ULTIMATE TEXASHOLD'EM

NO MORE BETS

ROULETTEX

WAITING FOR NEW GAME

THREECARDPOKER

WAITING FOR NEW GAME

ROULETTE

WAITING FOR NEW GAME

MALFUNCTION VOIDS ALL PAYS AND PLAYS

GAME #10

TID #58

BET \$0.00 WIN \$0.00
CREDIT \$1,894.00



X2 UNDO
CLEAR BET

RE-BET

Physical 27.85% Committed 42.85%
DIAG DEMO