



STATE OF WASHINGTON
GAMBLING COMMISSION

PO Box 42400 Olympia WA 98504-2400 (360) 486-3440 TDD (360) 486-3637 FAX (360) 486-3626

September 25, 2019

Bryan Zorn
Bally Technologies
6650 El Camino Road
Las Vegas, NV 89118

RE: Nexus Command Game Manager 2 v2.7.1/Dealer Terminal 2 v2.7.1 SP1

Dear Mr. Zorn,

On May 17, 2019, you sent us a letter requesting we change the signatures in our December 27, 2017, approval letter for the Nexus Command Game Manager 2 Updated v2.7.1 Progressive Table System.

Instead of running a signature on the entire compact flash, you requested we only signature the partition that includes the dealer terminal software, partition 4. The reason for the requested change is that the other three partitions are altered once the dealer terminal software is put into play. This results in the signature of the entire compact flash changing and, therefore, not matching the signatures in the approval letter.

We have verified the signature procedure and have updated the signatures from our December 27, 2017 approval letter. The signatures for the Nexus Command Game Manager 2 Updated v.2.7.1 Progressive Table System are as follows:

FILE	SHA1 Signature
DoorLockMonitorService.exe	6181675A0C14711B781F14344C4368A8E3C35D4A
ShuffleMaster.Progressive.GM.PrintReportsService.exe	59D4C4C523423A01CCC66899FA3EF10502BAFCB5
SHFL.Progressive.GameManager.Client.Service.exe	A6D7C6C05D7E4FC53D67404B307BA64E83035025
Dealer Terminal 2 Compact Flash (Partition 4)	9A68494FD0729177A728B87D9DF8F52B55738E5F

All requirements of the December 27, 2017 approval letter for the Nexus Command Game Manager 2 Updated v.2.7.1 Progressive Table System remain in effect and must be followed.



Mr. Zorn
September 25, 2019
Page 2 of 2

Any modifications made to the Nexus Command Game Manager 2 Update v.2.7.1 Progressive Table System must be submitted to us for additional testing and review. We reserve the right to investigate and reevaluate this equipment if we determine that such a review is necessary to ensure compliance with applicable rules or laws in Washington.

Thank you for your cooperation during this process. We appreciate your desire to comply with our regulations. If you have any questions regarding this matter, please contact me at (360) 486- 3546.

Sincerely,



Tina Griffin
Assistant Director
Licensing, Regulation, & Enforcement Division

cc: Jim Nicks, Agent in Charge, Regulation Unit
Cathy Harvey, Agent in Charge, Tribal Gaming Unit



STATE OF WASHINGTON
GAMBLING COMMISSION

PO BOX 42400 OLYMPIA WASHINGTON 98504-2400 (360) 486-3440 TDD (360) 483-3637 FAX (360) 486-3624

December 27, 2017

Bryan Zorn
Bally Technologies
6650 El Camino Road
Las Vegas, NV 89118

RE: Nexus Command Game Manager 2 Update v.2.7.1 Progressive Table System – Submission #2082

Dear Mr. Zorn,

Thank you for requesting approval of the Nexus Command Game Manager 2 Update v.2.7.1 Progressive Table System, which includes the Dealer Terminal Software v.2.7.1 SPI. We have completed our review.

The Nexus Command Game Manager 2 Update v.2.7.1 Progressive Table System (“Game Manager 2 Update”), is a progressive jackpot system approved for use in Washington State, with the exception of the following features of the Game Manager 2 Update that were not submitted for testing and are therefore, not approved for use in Washington:

- Infinilink – The Bally RNG Service folder must be removed from the Game Manager 2 Update; and
- Operator Wide Area Progressive; and
- Jackpot Receipt Printer – No jackpot receipt printer can be connected to the Game Manager 2 PC or Dealer Terminal.

Approval of the Game Manager 2 Update is contingent on the following requirements:

Manufacturer Requirements:

- Ensure Bally RNG Service Folder is removed from the system prior to being put into play.
- Ensure there is no jackpot receipt printer connected to the Game Manager 2 PC or Dealer Terminals prior to being put into play.
- Verify the following executable files and their respective folders are removed from the Game Manager 2 PC prior to the system being put into play:
 - *BallyTech.Progressive.LoggingService.exe*
 - *ShuffleMaster.Progressive.GM.MeterQuery.exe*
- The Game Manager 2 server requires a unique username and password at login.



- All unused ports on the Game Manager 2 server and Dealer Terminals are sealed.
- No additional hardware or external connections are present on the Game Manager 2 Update system to ensure the system remains closed. Any devices connected to the system should have all wireless and Bluetooth settings disabled.
- Access to the Game Manager 2 Update server is limited to specific and necessary personnel.
- All game rules and progressive meter settings displayed on the table monitors and Game Manager 2 Update server must be verified by the Commission at installation. Notification to the Washington State Gambling Commission must be made prior to the first installation in Washington and each installation thereafter so arrangements may be made for Agent inspection/review. Please provide a list to include specific locations, dates and times this system will be installed at least 10 business days prior to installation. Send the list to Sonja Dolson at sonja.dolson@wsgc.wa.gov.
- Verify at installation the Game Manager 2 Update progressive system is setup to operate as a standalone networked system. Security precautions should be implemented during the installation phase.
- If the system is used to connect different card games on multiple tables to one progressive jackpot, the system must comply with WAC 230-15-685 and only link games with the same probabilities.
- No internet connection is allowed on the Game Manager 2 Update server or the Dealer Terminals.
- Only reviewed and tested components of Game Manager 2 Update progressive system can be connected to the system server. No other programs can be run on the system server.
- Only connect external tools to the Game Manager 2 Update system for standard maintenance as authorized by WAC 230-16-151.
- Update your game rules for card games that will use the Game Manager 2 Update progressive system.
- Only licensees operating the system shall have access to make changes to the system such as posting and/or choosing pay tables, or posting current jackpot amounts.

House-Banked Card Game Licensee Requirements:

- Ensure there is no jackpot receipt printer connected to the Game Manager 2 Update PC or Dealer Terminals prior to being put into play.
- Access to the Game Manager 2 Update must be limited while games are in play to avoid the risk of a game definition being modified while in play.
- Ensure when connecting a progressive jackpot on different card games on multiple tables within a location, only one progressive jackpot is operated on a card game at a time. The card games must have the same probability of winning the jackpot prize, the same winning hand, and the progressive meter on each table must increase incrementally each time a wager is made.
- Maintain a closed gambling equipment system that is isolated from non-gambling systems and inaccessible from outside networks.

- Limit access to the Game Manager 2 Update server by providing individual access login/passwords. The access levels must be included in internal controls. The Game Manager 2 Update server should reside off the casino floor in a secure area of the casino.
- Limit access to the Table Controller by requesting individual access cards from the manufacturer for necessary personnel only. The access levels must be included in internal controls.
- Include any primary jackpot cap amounts in internal controls.
- Ensure chips are placed on the center of the sensor to ensure all wagers are accurately recorded.
- Follow all progressive jackpot WAC rules when using this equipment.
- Ensure primary jackpot cap amounts and procedures for paying out jackpots when multiple jackpots are hit at the same time are included in internal controls.
- Maintain records that account for all funds collected for progressive jackpot games.
- When using a progressive jackpot, require a specific wagering limit on the progressive wager (for example all progressive wagers must be \$1) to ensure all funds are accounted for.

Tribal Casino Implementation:

- Ensure internal controls are revised to include new equipment and procedures, and approved by Tribal Gaming Agency and concurred with by Washington State Gambling Commission.
- Ensure only Tribal casinos operating the system shall have access to the system to make changes such as posting and /or choosing pay tables, or posting the current jackpot amount.
- Ensure that wireless services are disabled on any computer connected to the system.

Signatures:

The electronic signatures for the Nexus Command Game Manager 2 Progressive Table System are listed below:

FILE	MD5 Signature	Version
DoorLockMonitorService.exe	0D456877FAFFAE8CB7B096F8192781C4	2.7.1.4
ShuffleMaster.Progressive.GM.PrintReportsService.exe	75E3A0DD6F66783EE59AB3F7A1490C6D	2.7.1.3
SHFL.Progressive.GameManager.Client.Service.exe	7A88E6482D2155AC2B5B449BCA8760CF	2.7.1.27
Dealer Terminal 2 Firmware	7398B348A5EB16CF14352F7B8705F95B	2.7.1 SP1

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investigate and reevaluate this equipment if we determine that such a review is necessary to ensure compliance with applicable rules or laws in Washington.

Thank you for your cooperation during this process. We appreciate your desire to comply with our regulations. If you have any questions regarding this matter, please contact me at (360) 486-3546.

Sincerely,



Tina Griffin
Assistant Director
Licensing, Regulation and Enforcement Division

cc: Cathy Harvey, Agent in Charge, Tribal Gaming Unit
License file