

NOTICE ON CARD SHOES

CASINO CONTROL (GAMING EQUIPMENT) REGULATIONS 2009

1. INTRODUCTION

- 1.1 This notice is issued by the Casino Regulatory Authority of Singapore (the “Authority”) pursuant to regulation 20(4) of the Casino Control (Gaming Equipment) Regulations 2009.
- 1.2 This notice shall take effect from 14 October 2009.
- 1.3 All terms used in this notice, unless the context otherwise requires or otherwise defined, shall have the same meanings as in the Casino Control Act (Cap. 33A) (the “Act”) and any regulations made thereunder.
- 1.4 In this notice, the term “card shoe” refers to a non-electronic card shoe or an electronic card shoe.

2. UNDERLYING PRINCIPLES

- 2.1 The evaluation of gaming equipment serves to ensure that the operation of a casino is and remains free from criminal influence or exploitation and that gaming in a casino is conducted honestly.
- 2.2 Hence, all gaming equipment must be designed and manufactured to allow operations of a casino to be conducted in a manner that is honest, secure, auditable and reliable.

3. REQUIREMENTS FOR NON-ELECTRONIC CARD SHOES AND ELECTRONIC CARD SHOES

- 3.1 Every non-electronic card shoe shall bear the name or logo of a casino operator, or any other form of artwork that would indicate that the non-electronic card shoe belongs to a particular casino operator.
- 3.2 Every electronic card shoe shall bear, at minimum, the following information:-
 - a. The name of manufacturer;
 - b. A unique serial number;
 - c. The model number; and
 - d. The date of manufacture.
- 3.3 The lip of the non-electronic card shoe shall be designed with bristles.

- 3.4 The body of the card shoe and the card shoe lid shall be constructed using solid material that is opaque, with no loose panel that may conceal any hidden compartment.
- 3.5 The roller shall be constructed using solid material, with no loose panel that may conceal any hidden compartment. Any wheel on the roller shall be able to move freely.
- 3.6 The roller shall be designed so that when positioned at the top of the ramp, it will roll to the bottom of its own accord.
- 3.7 The card shoe shall be designed to facilitate the dealing of cards without revealing their face value.
- 3.8 The card shoe shall not leave any marking on the cards that may assist, help or otherwise allow any person to predict or project the outcome of a game.
- 3.9 The card shoe shall be secured to preclude the possibility of viewing the cards.

4. ADDITIONAL REQUIREMENTS FOR ELECTRONIC CARD SHOES

- 4.1 There shall be mechanisms and controls in place to prevent the tampering of any card loaded into the electronic card shoe.
- 4.2 If the electronic card shoe is capable of recognising rank and suit, it shall:-
 - a. Ensure accuracy in the card recognition technology; and
 - b. Not provide any information that may be used to compromise the game.
- 4.3 If the electronic card shoe is capable of displaying the game results, the displayed results shall be accurate.
- 4.4 In the event of error, there shall be an appropriate indicator to signify the presence of an error. If an LCD screen is present, an error message shall be displayed.
- 4.5 Programme files shall be stored in non-alterable memory devices, or if not, write protection shall be in place.
- 4.6 Every electronic card shoe shall contain a proven and robust mechanism which has the capability to internally authenticate the programme files and/or support files have not been corrupted or altered prior to use or loading. Such mechanism shall prevent further operation of the card shoe if unexpected data or inconsistencies are found.