Notification #:	20050311_4	**Revision:**	1.0	**Page:**	1 of 1

Release Date: March 13th, 2005

Effective Date: March 13th, 2005

Notification Status: ☒ Advisory ☐ Mandatory ☐ Announcement

Classification: ☒ Firmware ☐ Hardware ☐ Policy/Procedure

Description: Firmware Upgrade - WBA

Hardware: WBA-12/13

Interface: ID-003 **Check Sum:** CC20

Firmware Version: 3.35-29i **CRC (seed = 0000):** 37B5

Conditions:

JCM engineering has released new firmware to our OEM partners that contains multiple software upgrades. This firmware will be released by each OEM to the jurisdictional regulatory agencies for approval on their hardware platforms. The upgrades made to this firmware are:

- Acceptance Security for the ten ($10) USD has been improved.
- Acceptance Data for the twenty ($20) USD has been improved.
- Adjustments made to the "Motor Speed Check" method.
- WBA will no longer accept communication from the host during "Auto Calibration" mode.
- "Poll Mode Detection" feature has been added. This enables auto detection of "Poll Mode" or "Interrupt Mode" host communication methods.
- A power reset during a ticket transaction will cause the WBA to reject the ticket and hold the ticket at the entrance/exit of the WBA.
- Firmware was adjusted to allow for a faster poll rate.
- Power recovery process during a transaction has been modified.
- Direction set command response time adjusted to respond within 50ms.

Notes:

This firmware version supercedes all previous versions of JCM firmware. JCM recommends that all previous versions of firmware be upgraded to the 3.35-xxx series, so that our customers can take advantage of this firmware version's new features.