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|--|---|---|--|
| Model: Bellini   |   | Date: 16-Nov-00                           | No.: RA294036                                    |
| Subject: Printer Controller (B336) System Firmware History |   | Prepared by: A. Sasaki                    |  |
| From: Technical Services Dept., GTS Division               |   |   |  |
| Classification:  | <input type="checkbox"/> Troubleshooting                | <input type="checkbox"/> Part information | <input type="checkbox"/> Action required         |
|  | <input type="checkbox"/> Mechanical                     | <input type="checkbox"/> Electrical       | <input type="checkbox"/> Service manual revision |
|  | <input type="checkbox"/> Paper path                     | <input type="checkbox"/> Transmit/receive | <input type="checkbox"/> Retrofit information    |
|  | <input checked="" type="checkbox"/> Other (Information) |   |  |

This is to inform about the modification history of the Printer Controller Type 850 (B336) system firmware.

As there are two types of the firmware, use an appropriate one for the product brand.

| Destination | Part Number | Product Codes/Brands                                   |
|-------------|-------------|--|
| Generic     | B336 5800   | B336-01, -10, -15, -17                                 |
|             |             | Ricoh, Savin, Gestetner, Nashuatec, Rexrotary, Infotec |
| Lanier      | B336 5814   | B336-14  |
|             |             | Lanier   |

Firmware Version and Part Number Suffix for Each Destination

| Destination | Generic   | Lanier    |
|-------------|-----------|-----------|
| Part Number | B336 5800 | B336 5814 |
| Version     | Suffix    | Suffix    |
| 0.35        | A         | None      |
| 0.43        | B         | A         |
| 0.46        | C         | B         |

### Version 0.35

| Destination | Generic     | Lanier    |
|-------------|-------------|-----------|
| Part Number | B336 5800 A | B336 5814 |

This is the first version of the mass production.

### Version 0.43

| Destination | Generic     | Lanier      |
|-------------|-------------|-------------|
| Part Number | B336 5800 B | B336 5814 A |

## 1. Blank Sheet as Last Page of a Duplex Job with Odd-numbered Pages

### Symptom

When a duplex job with odd-numbered pages is printed using the sample print function, the second side of the last sheet is stored as a blank page.

### Modification

The blank page is deleted when the file of the job is stored as a document server file.

### Note

This modification is valid only with the engine firmware version 7.44 onwards.

|                |                 |               |
|----------------|-----------------|---------------|
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|----------------|-----------------|---------------|

**2. Indication when Staple Waste is Full on Finisher B302**

**Modification**

SC737 is displayed as a message when a printing job starts while the staple waste is full on Finisher B302.

In this condition, the printing job continues without the staple function.

**Note**

This modification is valid only with the engine firmware version 7.44 onwards.

**3. Error when Deleted Files are Accessed**

**Symptom**

An error occurs when deleted files in the deletion list of the engine are accessed.

**Note**

This modification is valid only with the engine firmware version 7.44 onwards.

**4. Unnecessary Characters when Downloading User Defined Symset of PCL5e**

**Symptom**

Unnecessary characters are also included when Downloading User Defined Symset of PCL5e.

**5. Wait State of Flash ROM**

**Symptom**

The wait state of the flash ROM is valid with not only 70-ns ROM but also 90-ns ROM.

**Version 0.46**

|             |             |             |
|-------------|-------------|-------------|
| Destination | Generic     | Lanier      |
| Part Number | B336 5800 C | B336 5814 B |

1. Measure for 10" x 14" Paper.
2. **Symptom**  
A print job with more than 1000 pages stops printing.
3. **Symptom**  
The user tools are not accessible and SC955 occurs if a print job is canceled after more than 1000 pages are stored in the document server.
4. **Symptom**  
SC2002 occurs with Portuguese, Czech, Polish, Hungarian, and Finnish.
5. The value of prtAlertTrainingLevel when a MIB error occurs is changed from 5 (fieldService) to 2 (unknown).
6. **Symptom**  
Job histories are not logged if a user code is not entered.
7. **Symptom**  
PJL job end is not correctly returned.
8. ASI commands have been added.
9. Some errors are not logged in MinorErrorLog.

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|--|---|---|--|
| Model: Bellini   |   | Date: 6-Nov-02                            | No.: RA294058                                    |
| Subject: Printer Controller (B336) System Firmware History |   | Prepared by: S.Orita                      |  |
| From: Technical Services sec. Service Planning Dept.       |   |   |  |
| Classification:  | <input type="checkbox"/> Troubleshooting                | <input type="checkbox"/> Part information | <input type="checkbox"/> Action required         |
|  | <input type="checkbox"/> Mechanical                     | <input type="checkbox"/> Electrical       | <input type="checkbox"/> Service manual revision |
|  | <input type="checkbox"/> Paper path                     | <input type="checkbox"/> Transmit/receive | <input type="checkbox"/> Retrofit information    |
|  | <input checked="" type="checkbox"/> Other (Information) |   |  |
|  |   |   |  |

This is a continuation of RTB #RA294036, and contains the modification histories of the system firmware of Printer Controller Type 850 (B336).

As there are two types of firmware, please be sure to use the appropriate one for each product brand.

| Destination | Part Number | Product Codes/Brands                                   |
|-------------|-------------|--|
| Generic     | B336 5800   | B336-01, -10, -15, -17                                 |
|             |             | Ricoh, Savin, Gestetner, Nashuatec, Rexrotary, Infotec |
| Lanier      | B336 5814   | B336-14  |
|             |             | Lanier   |

**Firmware Version and Part Number Suffix for Each Destination**

| Destination | Generic   | Lanier    |
|-------------|-----------|-----------|
| Part Number | B336 5800 | B336 5814 |
| Version     | Suffix    | Suffix    |
| 0.49        | D         | C         |
| 0.51        | E         | D         |
| 0.54        | F         | E         |
| 0.58        | G         | F         |

**Version 0.49**

| Destination | Generic     | Lanier     |
|-------------|-------------|------------|
| Part Number | B336 5800 D | B336 5814C |

1. Vertical lines do not appear on Excel file prints.
2. Auto tray switching does not function with letter/legal mixed jobs on the AS400.
3. Extra blank prints are printed out from SAP.
4. Maximum number of pages for stapling on the Finisher 3000 did not follow specification.
5. The fax counter has been added to the MIB.

**Version 0.51**

| Destination | Generic     | Lanier      |
|-------------|-------------|-------------|
| Part Number | B336 5800 E | B336 5814 D |

Model: Bellini

Date: 6-Nov-02

No.: RA294058

1. The product ID of the new Bellini (A294 II and A295 II) for the MIB has been added.
2. Image shift setting can now be performed in SP mode.  
**Note:** Engine firmware v8.3 or later is required.
3. Auto continue can be enabled or disabled for the staple end or punch waste full conditions.
4. prtInputName and prtOutputName for the MIB are now only in English.
5. Problem when printing cover pages from a Macintosh.  
**Note:** PostScript Firmware v1.34 or later is required.
6. "Dot Edge Parameter" has been moved from SP mode to User Tools.  
**Note:** Engine firmware v8.3 or later is required.

**Version 0.54**

| Destination | Generic     | Lanier      |
|-------------|-------------|-------------|
| Part Number | B336 5800 F | B336 5814 E |

1. Supports Wide A4 printing. Engine firmware v8.3 or later is required.
2. Supports A4/Letter function. Engine firmware v8.3 or later is required.
3. Problem when printing cover pages from a Macintosh.
4. SC2002 occurs when a print job using a User Code is sent immediately after the power is turned off and on.
5. SC2001 occurs when the "USTATUS TIMED" and "USTATUSOFF" commands are sent.
6. The image comes out as a blank page when printing from UNIX.

**Version 0.58**

| Destination | Generic    | Lanier      |
|-------------|------------|-------------|
| Part Number | B336 5800G | B336 5814 F |

1. Supports Edge to Edge Print.
2. SC2002 occurs when printing Excel files with a certain macro.
3. Printing does not resume after removing the paper from the full exit tray.
4. A job created with User Code #513 does not print even though the LCD says "Printing".
5. With Windows NT/2000, the machine cannot print a letter size document for which a Separator Page is selected.

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6. Some data is not printed at the correct position on the page with AS/400.
7. Symbol sets 13U, 9N and 4U have been newly added. Also, symbol sets 5M and 12J have been added to existing Euro fonts.