

Model: Dolphin		Date: 23-Aug-01	No.: RB010001
Subject: Service Manual		Prepared by: F. Noguchi	
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 checked="" type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Other ()		

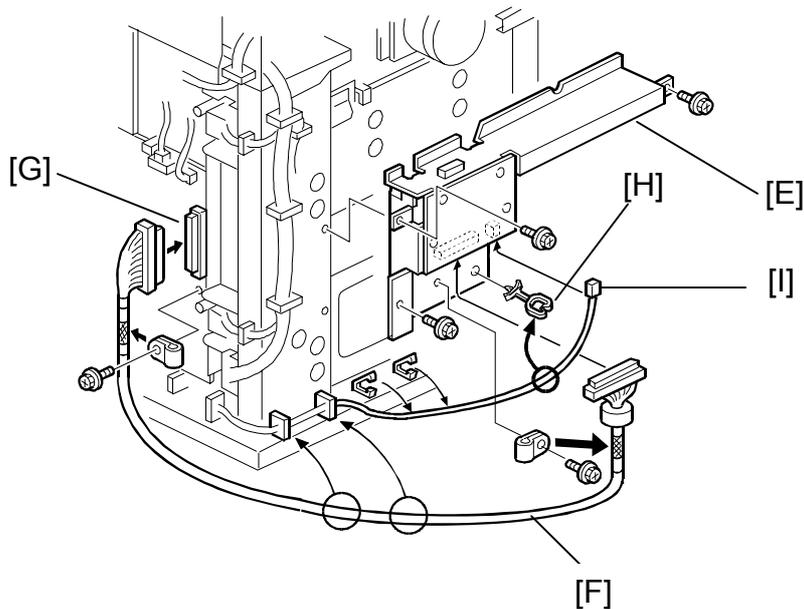
The sentences in *italics* show recent corrections to the Service Manual. Please correct your manuals accordingly.



Page 1-25 1.7.2 INSTALLATION PROCEDURE

Corrected: Step 5 and illustration

5. Install *the wire saddle* [H] and connect the DC harness [I] from the main frame to the I/F board.



Page 3-11 3.5.1 DRUM AND DEVELOPMENT UNIT

Corrected: Step [C]

[C]: *Toner hopper* cover ( x 2)

Model: Dolphin	Date: 23-Aug-01	No.: RB010001
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Page 5-21 5.9 SP (SERVICE PROGRAM) MODE TABLE

Deleted: The following SP modes.

- 5501: PM Alarm Level
- 5504: JAM Alarm Level
- 5505: Error Alarm Interval
- 5507: Paper Supply Call Level
- 5590: Auto Call Level
- 5816: CSS Function
- 5821: CSS PI Device Code

Corrected: SP mode descriptions.

	Mode Number/Name	Function / [Setting]
1103	Fusing Idling	Selects the fusing idling time. [0 ~ 3/ 0 / 1 min. step] 0: No idling 1: 1 minutes 2: 3 minutes 3: 5 minutes
5958	<u>15 m</u> Setting	Enables or disables the optional special order firmware designed for measuring <u>15 meter</u> paper lengths. [0 ~ 1 / 0 / 1 step] 0: Enable  1: Disable

Page 6-30 6.6.3 DEVELOPMENT BIAS

Corrected: “Making ID Sensor Patterns” paragraph

 **Making ID Sensor Patterns**

The machine makes two different ID sensor patterns, one for Low Duty Mode and one for High Duty Mode. The mode is determined by SP 2201 004.

If the average copy volume is high (2.5 km/month or more), this SP should be switched to High Duty Mode to prevent toner scattering.

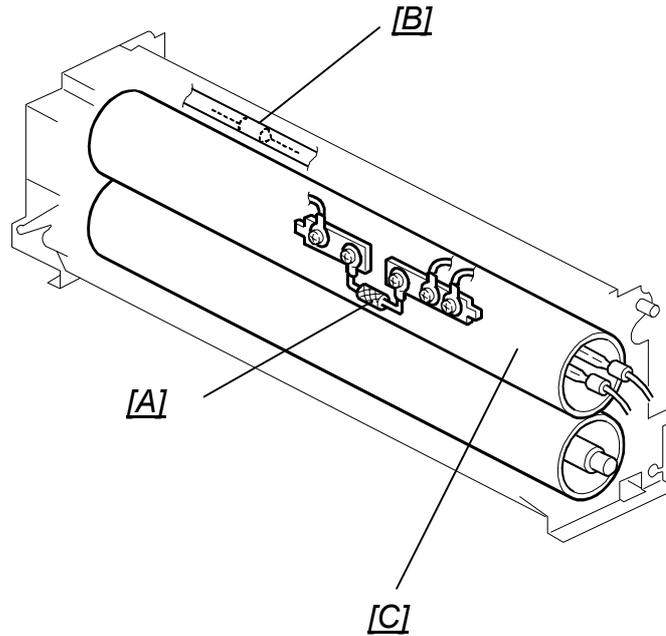
However, if the machine is in High Duty Mode and the average copy volume becomes low again, the image density may decrease. If this happens, switch back to Low Duty Mode.

The ID sensor pattern development bias voltages for high and low duty modes can be adjusted with SP 2201 002 and 003, as shown in the following table.

Page 6-53 6.10.6 HOT ROLLER THERMOFUSE

Corrected: Description and illustration.

Non-contact thermofuses (rated for 192°C [A] and 216°C [B]) near the hot roller [C] prevent accidental overheating which may lead to a fire hazard.



Model: Dolphin		Date: 23-Aug-01	No.: RB010002
Subject: HDD Spindle Control Setting (SP4960 005,006)		Prepared by: F. Noguchi	
From: Technical Services Dept., GTS Division			
Classification:	<input checked="" type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input checked="" 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 type="checkbox"/> Other ()		

SYMPTOM

When HDD Spindle Control is disabled (default), SC980 may occur just after the machine recovers from Auto Off / Panel Off.

CAUSE

When the machine is brought out of these modes, it is able to warm up quicker than when the main power is turned on, and therefore checks the HDD status at an earlier point. However since the HDD must warm up from a stop, it does not reach the ready speed in time and a mainframe/HDD communication error occurs.

SOLUTION

The default setting for HDD Spindle Control (SP4960-005, 006) has been changed from Off → On, which keeps the HDD rotating constantly.

Cut-in serial numbers:

B010-17: From 1st production

B010-22: From 1st production

B017-27: From J201070001

ACTION IN THE FIELD

When installing the HDD option in the following machines, please change the setting of SP4960-005 and 006 from Off → On:

B010-27: J201060001 – J201060040 (40 units)

Version 6.06**1. SP4960 005,006 (HDD Spindle Control) setting changed****Symptom**

When HDD Spindle Control is disabled (default), SC980 may occur just after the machine recovers from Auto Off / Panel Off.

Cause:

When the machine is brought out of these modes, it is able to warm up quicker than when the main power is turned on, and therefore checks the HDD status at an earlier point. However since the HDD must warm up from a stop, it does not reach ready speed in time and a mainframe/HDD communication error occurs.

Solution:

The default setting for HDD Spindle Control (SP4960-005, 006) has been changed from Off → On, which keeps the HDD rotating constantly.

Cut-in serial numbers:

B010-17, -22: From 1st production

B010-27 : From J201070001

Note: When installing the HDD option in the following machines, please change the setting of SP4960-005 and 006 from Off → On:

B010-27: J201060001 – J201060040 (40 units).

2. New UP mode added (Weekly Output Volume)

To prevent toner scattering from the development unit (see the conditions below), the “Weekly Output Volume” setting has been added to *System Setting – General Features*.

Symptom

When customers use low duty mode to make high-volume copy jobs (relative to the ACV), the toner concentration in the development unit increases. This causes the oversupplied toner to drop onto the copies, especially under low temperature conditions.

Solution

Change the “Weekly Output Volume” according to the customer’s average weekly copy volume from inside *System Setting – General Features*:

Less than 750m (2,500 ft): Low duty mode (**default**).

More than 750m (2,500 ft): High duty mode

Action in the field

Please instruct customers on the following points at machine installation:

- 1) Method for how to enter UP Mode and change the Weekly Output Volume value.
- 2) For the first 1-2 months following installation, have the customers keep track of their copy volumes at weekly intervals. The weekly changes in CV over this time will enable them to decide which of the two settings is best for them.
Note: For customers installing the Dolphin as a replacement machine, please use the weekly ACV on the previous machine for reference and set the Weekly Output Volume accordingly (as a starting point).
- 3) During these first couple of months, if the average weekly copy volume exceeds 750m (2,500 ft), please have the customer change the setting of the Weekly Output Volume to “More than 750m (2,500 ft)”.

Note: Please also check the total counter value at PM visits, calculate the weekly CV, and if necessary change the Weekly Output Volume setting.

Model: Dolphin

Date: 07-Sep-01

No.: RB010003

3. 24-inch originals are recognized as 30-inch originals

When 30-inch paper is selected on the operation panel, 24-inch originals are automatically detected as 30-inch originals.

4. "NRG A070" added to SP5907 (Plug & Display)

The model name NRG A070 has been added as follows:

- 1: Ricoh Imagio Wide 7040 (Japan)
- 2: Ricoh Aficio 470W
- 3: **NRG A070**

Model: Dolphin		Date: 22-Oct-01	No.: RB010004
Subject: Service Manual		Prepared by: F. Noguchi	
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 checked="" type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Other ()		

Please apply the following corrections and additions to your Service Manual Installation Procedures. In addition, please see the Note on the last page on how to read the factory settings data sheet.

1. Corrections: Cushion - Rear Copy Tray Holder (B010-22, -27 only).

The “Cushion - Rear Copy Tray Holder (B010-22, -27 only)” was not packed as an accessory from 1st production.

1) Pg. 1-4: Accessory Checklist.

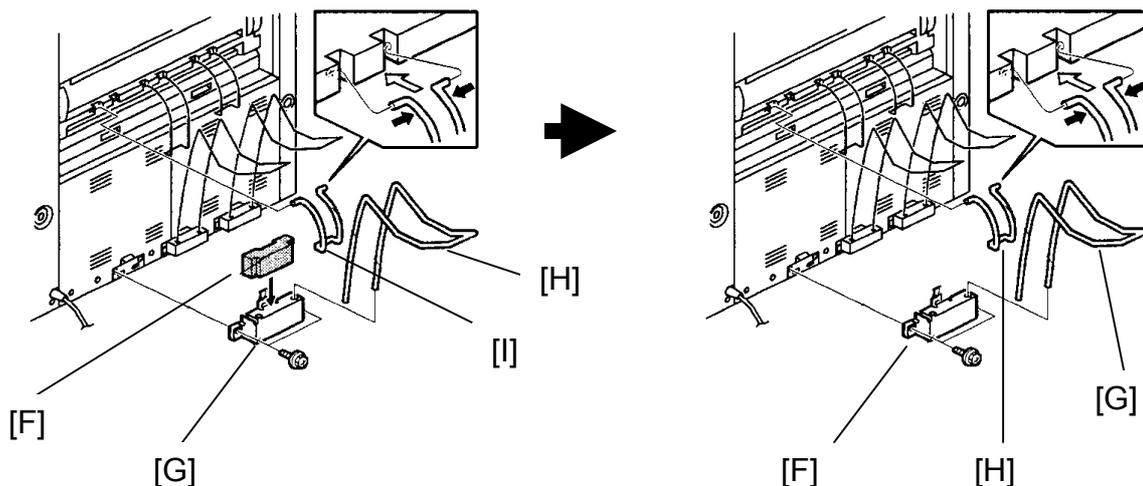
Delete the “Cushion - Rear Copy Tray Holder (B010-22, -27 only)”.

2) Pg. 1-8: Installation Procedure and Illustration.

Delete Step 16: “Adhere the cushions [F] to the rear copy tray holders [G].”

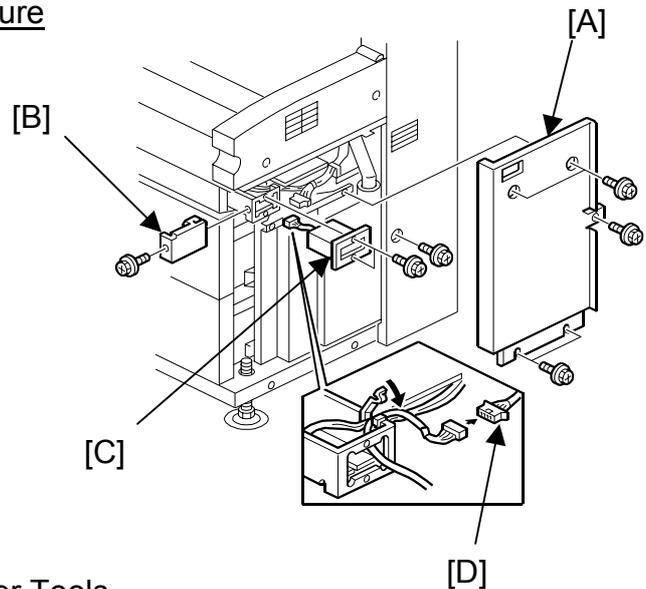
Delete the cushion [F] (B010I206.WMF) from the illustration.

Illustration correction:



2. Addition: Key Counter Installation Procedure

- 1) Remove the right front cover [A] (5 screws).
- 2) Remove the small cover [B] (1 screw) and plate nut (2 screws).
- 3) Install the key counter holder [C] by attaching it to the bracket (2 screws, 1 connector [D]).
- 4) Reinstall the right rear cover.
- 5) Instruct the key operator on how to enable the Key Counter from inside User Tools.
(User Tools → System Settings → Key Operator Tools → Key Counter Access)



Note:

Please be sure to set the Key Operator Access code so that only the authorized key operator is able to change the system settings.

- 6) Change the following SP Mode settings:

SP5997: Optional Counter Unit

Select “x 1/10” or “x1” for the Key Counter unit.

The machine counter units are as follows:

- 17 version machine: Feet, Yards or Meters (depending on SP5980).
- 27 version machine: Meters.

SP5120: Mode Clear Option Counter Removed

This SP determines what happens to the copy job settings (magnification, density, etc.) when the Key Counter is removed or the paper supply runs out midway through a job.

- 0: Yes (default): Job settings and job are cleared
- 1: Stand-by : Job settings are cleared after the job is completed
- 2: No : Job settings remain even after job is completed

Model: Dolphin		Date: 06-Nov-01	No.: RB010005
Subject: Caution of the toner cartridge installation		Prepared by: F. Noguchi	
From: Technical Services Dept., GTS Division			
Classification:	<input checked="" 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 type="checkbox"/> Other ()		

The four symptoms listed below tend to occur if the toner cartridge is not shaken properly before it is inserted into the toner hopper. This is because transport and storage conditions can cause the toner to bunch together, which prevents the toner agitator from rotating properly.

Please be sure to remind the customer at installation that it is very important to shake the bottle 5 to 10 times before inserting it into the hopper. This is also mentioned on the decal on the left side of the machine.

- 1) The toner supply drive gears (B0103126, AB017539) break.
- 2) The shaft for these drive gears break.

Note: In this case, it is necessary to replace the development unit.

- 3) The toner hopper cover opens during copying.
- 4) Add Toner is displayed again soon after replacing the cartridge.

Reissued: 30-Nov-01

Model: Dolphin	Date: 07-Sep-01	No.: RB010003a
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Version 6.08

	USA	EU1 Asia	EU2	EU3	EU4	EU5	EU6
BICU	B0105162C	B0105163C	B0105180C	B0105182C	B0105184C	B0105186C	B0105188C
SCU	B0105172C	B0105173C	B0105190C	B0105192C	B0105194C	B0105196C	B0105198C

Note: Version 6.08 requires the printer/scanner controller.

1. New SP Mode added to enable the Ready Temperature Setting function (SP1917)

This has been added in order to prevent insufficient fusing with translucent paper when making copies just after the machine is turned on. The settings for this mode are as follows:

1	Mode Number/name	Function/ [Setting]
1917	Ready Temp. Setting	Select the ready fusing temperature. [0 ~ 2/ 0 / 1 step] 0: Standard (143°C) 1: 195°C (All paper types/ thickness) 2: 195°C (Translucent thickness 3 & 4)

2. Default change for Function Reset Timer (System Settings – General Features 2/3)

The default of this mode was changed from "3 seconds" to "instant" for use with the Printer/Scanner controller.

3. Design-use SP Modes added

SP5959 and SP5957 have been newly added. However, these are strictly for design use only. Please do not change the values in the field. The defaults are as follows:

SP5959 : OFF
SP5957 : Disabled

The following items (4 ~9) have been corrected in this version.

4. SMC printout onto undefined paper sizes

In response to a request from the field, the SMC printouts can now be printed onto any paper size that can be loaded into the paper trays.

5. Occurrence conditions changed for SC353

SC353 will not be displayed during Toner End.

This was changed because sometimes when copying originals with a very high image area ratio, SC353 would occur unnecessarily when the ID sensor pattern density dropped and the Near End condition was detected.

6. Jam Recovery

The machine was sometimes unable to perform successful jam recovery if a jam occurred while printing out a series of preset jobs.

7. Display error - number of jobs

Even after being cancelled, a preset job is not subtracted from the total job count.

Reissued: 30-Nov-01

Model: Dolphin

Date: 07-Sep-01

No.: RB010003a

8. Part of image missing when printing out "Additional Copies" with electronic sort, mixed original mode

Following a mixed-original electronic sorting job, the machine is still set to use the paper roll it did for the last copy.

Therefore when "Additional Copies" are initiated, instead of resetting the paper roll to the initial one, the machine starts printing out onto the most recently used roll, cutting off some of the image. The software was corrected so that copies of any additional sets are printed out onto their correct sizes, i.e. as originally set in the initial job.

9. Unlimited scanning before beginning a copy job

The software was changed so that when the Print Start Trigger is set to "press start key", originals can be scanned an unlimited number of times before initiating the copy job. Each time a new scan is initiated, the previous scan data is overwritten.

Model: Dolphin		Date: 30-Nov-01	No.: RB010006
Subject: Serial number sheet for printer/scanner controller		Prepared by: F. Noguchi	
From: Technical Services Dept., GTS Division			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input checked="" type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input checked="" type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Other ()		

With the release of the Printer/Scanner Controller, this RTB has been issued to explain the serial number sheet and the Controller Board Assembly service part.

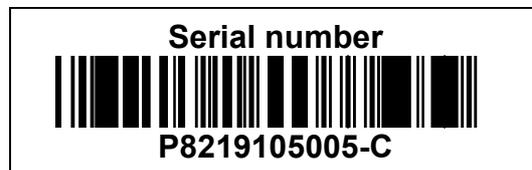
1. Serial number sheet for the Printer/Scanner Controller Board

The following serial number sheet is packaged together with the Printer/Scanner Controller and the Controller Board Assembly service part.

When installing the board, be sure to attach the decal to the outside of the server PC.

Note:

- 1) The serial number on this sheet is necessary to obtain the RSP files.
- 2) If the board needs to be replaced again, it will be necessary to replace the serial number sheet together.



2. Service parts

The following is the only service part registered for the Printer/Controller Board.

P/N	Description	Q'ty
G0675900	Controller Board Ass'y	1

Note:

A parts catalog for the Printer/Scanner Controller will not be issued, because the controller board assembly is the only registered spare part for this item.

Model: Dolphin		Date: 06-Nov-01	No.: RB010007
Subject: MCU breakage		Prepared by: F. Noguchi	
From: Technical Services Dept., GTS Division			
Classification:	<input checked="" type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input checked="" 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 type="checkbox"/> Other ()		

SYMPTOM

The machine shuts down after the MCU breaks (only the operation switch LED is lit).

CAUSE

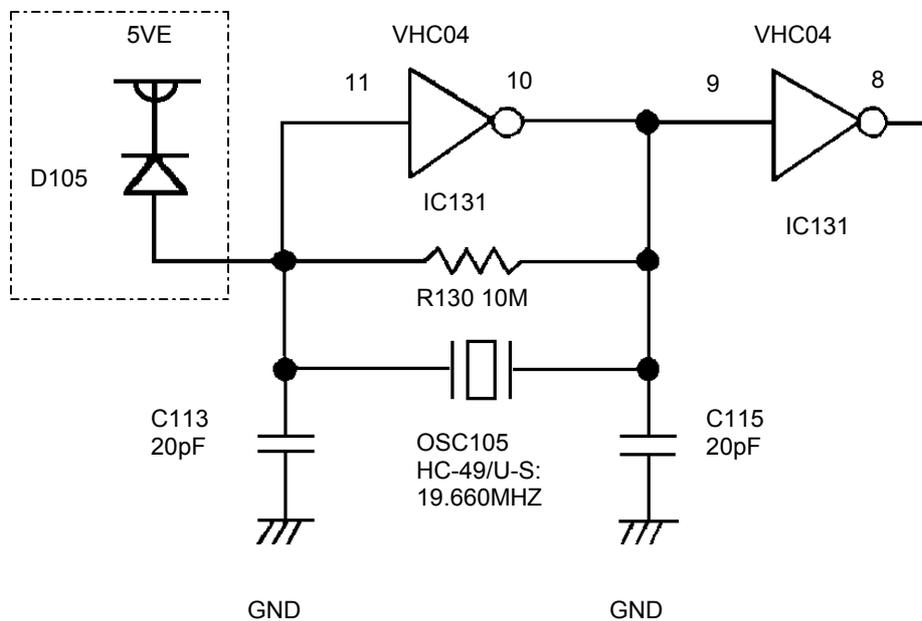
At power off, surge current damages the oscillator circuit IC on the MCU.

SOLUTION

Replace the MCU with the modified one (suffix C) at installation or the next customer visit.

See the attached *MCU Replacement Procedure*. See page 3 of this RTB.

Added



Model: Dolphin

Date: 06-Nov-01

No.: RB010007

Machines for MCU replacement in the field:

B010-17: J2010700056 ~ 80 (25 units)

J2010800001 ~ 22 (22 units)

J2010900035, 38, 42, 43, 46 ~ 49, 51, 53, 55 ~ 58, 60 (15 units)

B010-22: J2010600044, 54, 58, 64, 66, 67, 70 (7 units)

J2010700036 ~ 39, 46 ~ 50, 52 ~ 54 (12 units)

J2010800058, 62, 64 (3 units)

J2010900022, 26, 28 (3 units)

B010-27: J2010600001, 9, 12, 31, 32, 34, 39 (7 units)

J2010700001, 4, 15 ~ 17, 21 ~ 23, 25, 27, 29, 30, 34 (13 units)

J2010800025, 42, 44, 51 (4 unit)

J2010900005 (1 unit)

COUNTERMEASURE

A surge current protection diode has been added to the MCU at the factory from the following cut-in serial numbers:

B010-17: J2010900032 ~ 34, 36, 37, 39 ~ 41, 44, 45, 50, 52, 54, 59, 61

and from J2011000001

B010-22: J2010600041 ~ 43, 45 ~ 53, 55 ~ 57, 59 ~ 63, 65, 68, 69

J2010700040 ~ 45, 51, 55

J2010800059 ~ 61, 63, 65,

J2010900023 ~ 25, 27 and from J2010900029

B010-27: J2010600002 ~ 8, 10, 11, 13 ~ 30, 33, 35 ~ 38, 40

J2010700002, 3, 5 ~ 14, 18 ~ 20, 24, 26, 28, 31 ~ 33, 35

J2010800023, 24, 26 ~ 41, 43, 45 ~ 50, 52 ~ 57

J2010900001 ~ 8, and from J2010900010

Note: The P/Ns for the MCU have not been changed (NA: B0105071, EU: B0105076).

The suffix has been changed for both from B to C.

ACTION IN THE FIELD

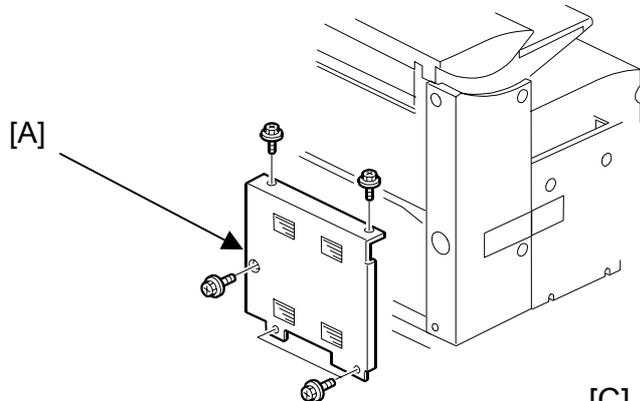
At installation or the next customer visit, please use the following procedure to replace the MCU with the modified one (suffix C).

After replacing the MCU, please send back the old MCU (suffix A or B) to the location that sent you the new MCU.

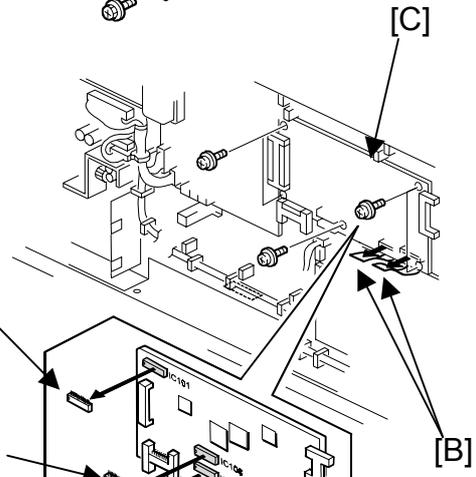
MCU REPLACEMENT PROCEDURE

Caution: Be sure to unplug the power cord before starting the following procedure.

1. Remove the right rear cover [A] (5 screws).

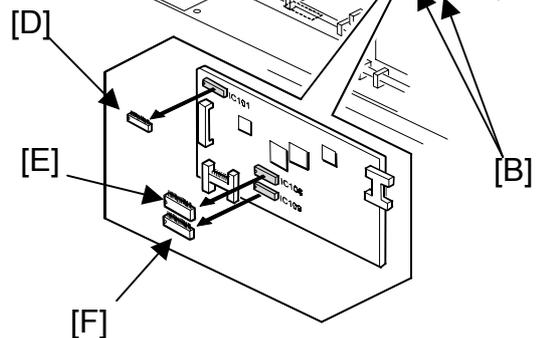


2. Release the lock of CN251 and CN254, then pull out the flat cables [B] from the MCU board [C].



3. Remove the MCU board (3 screws).

4. Remove the following NVRAMs from the MCU board:
 IC101 [D] (RAM - STK15C68 - P45)
 IC108 [E] (SRAM - STK15C88 - W45)
 IC109 [F] (RAM - STK15C88 - P45)



Note:

- 1) Before removal and insertion, the engineer should touch a metal portion of the machine to eliminate the possibility of a static electricity buildup.
- 2) Do not place the NVRAM on an object made of conductive material. This will cause a short, resulting in the loss of all the data inside.

Model: Dolphin

Date: 06-Nov-01

No.: RB010007

- 3) When removing the NVRAM, inserting a small, flat-head (standard) screwdriver into the space between the NVRAM casing and the RAM socket (at the ends where there are no pins), lifting the RAM up on both ends with the screwdriver, and finally taking it out by hand.
- 4) When inserting the NVRAM, it is important to first make sure that all of the pins on both sides have been properly set in their holes, and then to push the pins in all the way (in this order).
5. Mount these 3 NVRAMs onto the new MCU board.
6. Install the new MCU board and connect the flat cables.
7. Plug in the power cord and turn on the main power switch.
8. Confirm the machine serial number using SP5811.
9. Make a copy and confirm that the machine functions normally.
10. Turn off the main power switch and unplug the power cord.
11. Reinstall the right rear cover (5 screws).

Reissued: 4-Oct-02

Model: Dolphin	Date: 9-May-02	No.: RB010008a
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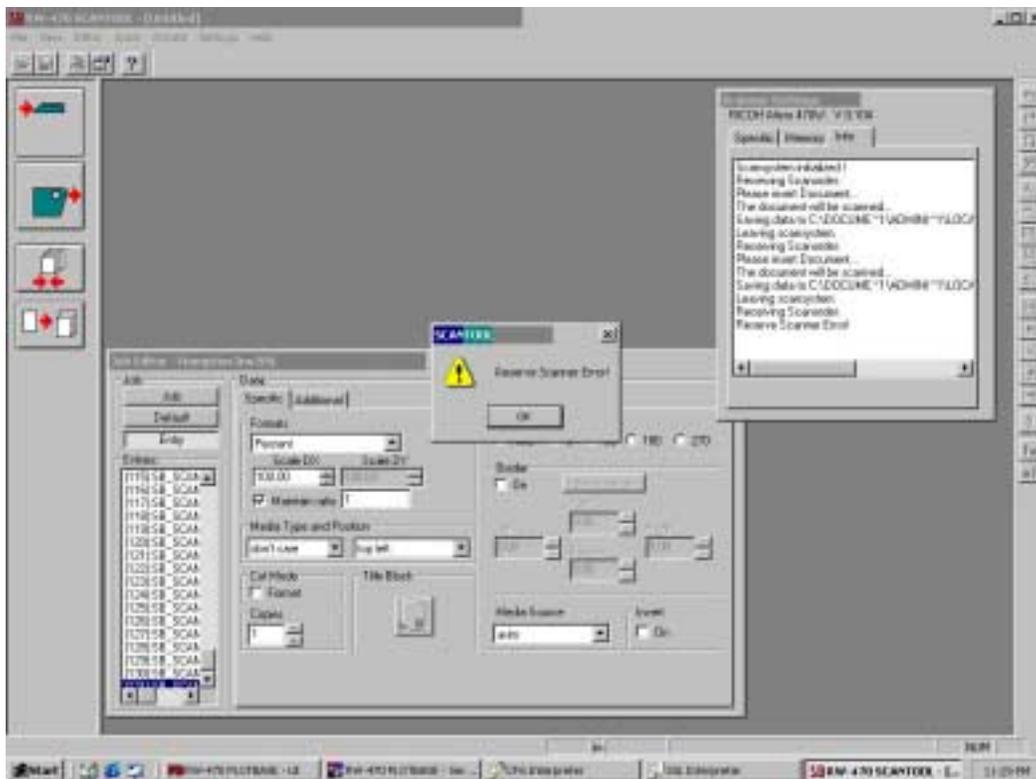
The cut-in serial number has been added.

Subject: Notification for the Function Reset Timer setting		Prepared by: F.Noguchi	
From: Technical Services sec. Service Planning Dept.			
Classification:	<input checked="" 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 type="checkbox"/> Other ()		

As informed in RTB RB010003a, due to the following symptom, the default setting for the Function Reset Timer (System Settings: General Features) has been changed from "3 sec" to "instant" for use with the Printer/Scanner controller.

SYMPTOM

The Reserve Scanner Error (see below) is displayed in the Scantool function of Plotbase.



CAUSE

The Function Reset Timer is not set to "instant."

Reissued: 4-Oct-02

Model: Dolphin

Date: 9-May-02

No.: RB010008a

SOLUTION

The Function Reset Timer has been controlled from SP Mode, and deleted from System Settings.

Cut-in serial number***B010-17: From J2020800030 ~******B010-22: From J2020700001 ~******B010-27: From J2020800001 ~******B010-57: From 1st production (J2020900001 ~)*****Action in the Field**

Please note the following for machines with a Printer/Scanner Controller installed:

1) Machines updated from firmware ver6.06 to ver6.08:

The update to ver6.08 in the field will not automatically change the Function Reset Timer setting, therefore it is necessary to manually set this to "instant" after the update is completed. In addition, please advise customers that this setting should not be changed from "instant."

Machines originally equipped with ver6.06:

B010-17: From 1st production ~ J2011000015

B010-22: From 1st production ~ J2011000026

B010-27: From 1st production ~ J2010900096

2) Machines originally equipped with ver6.08:

The following machines already have the default for the Function Reset Timer set to "instant", so there is no need to manually change this at installation. As stated above, please make customers aware that this setting should be left at "instant."

Machines originally equipped with ver6.08 (default setting "instant"):

B010-17: J2011200001 – from Dec '01 (no production in Nov '01)

B010-22: J2020200067 – from Feb '02 (no production Nov '01 to Jan '02).

B010-27: J2011100001 – from Nov '01

Reissued: 18-Jun-02

Model: Dolphin	Date: 07-Sep-01	No.: RB010003b
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Version 6.11

	USA	EU1 Asia	EU2	EU3	EU4	EU5	EU6
BICU	B0105162D	B0105163D	B0105180D	B0105182D	B0105184D	B0105186D	B0105188D
SCU	B0105172D	B0105173D	B0105190D	B0105192D	B0105194D	B0105196D	B0105198D

1. Missing image data with wide originals (230V version only)

<Symptom>

Image data is missing at the right and left edges (30mm from the edge) when feeding originals over 841mm in width.

<Cause>

Even if Original Size Auto Detect (System Settings, General Features 2/2) is turned Off, the printer/scanner controller is informed of the maximum scanning width of 841mm.

<Solution>

When Original Size Auto Detect is deactivated and the original size sensor for 841mm detects the original, the machine will regard this as a width of 914mm and send this data to the printer/scanner controller.

Note: Please advise users to deactivate Original Size Auto Detect when scanning/copying originals over 841mm in width.

2. Scanner reserve error

<Symptom>

The Reserve Scanner Error is displayed in the Scantool function of Plotbase.

<Cause>

The Function Reset Timer is not set to "instant."

<Solution>

The Function Reset Timer has been deleted from System Settings – General Features 2/3, and is now controlled from SP5900.

5	Mode Number/name	Function/ [Setting]
5900	Function Reset Timer	<p>Adjusts the Function Reset Timer. Specifies the length of the delay in switching from the Copier function to the Printer/Scanner function when the machine receives a print/scan job.</p> <p>[0, 3~30 / 0 / 1 sec step]</p> <p><i>When the printer/scanner controller is connected, the timer should be set to "0" (instant).</i></p>

Note: The update to ver6.11 in the field will not automatically change the Function Reset Timer setting. Therefore, it is necessary to manually set this to "instant" after the update is completed.

4. New SP Mode added to enable Continuous Original Feed (SP5957)

5	Mode Number/name	Function/ [Setting]
5957	Continuous Original Feed	<p>Enables or disables the continuous feeding of originals through the original feeder. When enabled, originals can be fed one by one during a copy job without having to wait for each copy to exit.</p>

Reissued: 18-Jun-02

Model: Dolphin	Date: 07-Sep-01	No.: RB010003b
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The following items (5 thru 7) have been corrected with this version:

5. PM Light is displayed before 10,000m (every 10,000 ft.)

The PM light will now be displayed on the operation panel every 10,000 meters, regardless of the unit set for the total counter in SP5980.

6. Function error - User code

Even though the machine prompts the operator to enter the User Code, it is possible to make copies without inputting any code.

Note: User Codes cannot be used with the printer/scanner controller, even though the operation panel displays the user code screen.

7. Display changed for SP4428-002: Image Scan Adjustment - Start

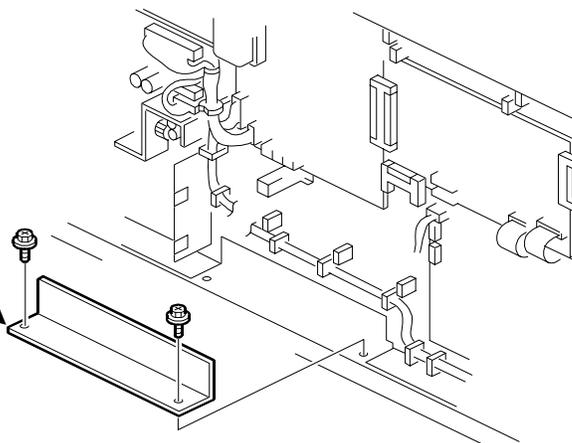
"Executing" remains displayed even after the SP has completed the adjustment. This has been changed so that no message is displayed during the adjustment, and "Succeeded" is displayed when it is completed.

Model: Dolphin		Date: 11-Sep-02	No.: RB010009
Subject: HDD Installation procedure (-22,-27 version only)		Prepared by: F.Noguchi	
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 checked="" type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Other ()		

To further minimize the effect of electrical noise, a Shield Plate has been added in front of the HDD attachment area. Since this plate is not used when the HDD option is present, please add Step 4 to the following Service Manual HDD Installation Procedure:

1. Remove the copier right and left covers (9 screws).
2. Remove the serial number decal from the HDD unit and attach it on the rear frame, next to the machine's serial number decal.
3. Remove the 2 cushions from the HDD unit.
-  4. Remove the shield plate (2 screws).
5. Install the HDD unit onto the base plate (2 screws)

Shield Plate
P/N B0101066



Cut-in serial numbers:

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NO.
Nashuatec A070 Gestetner A070 Rex Rotary A070	220-240/50, 60	Europe, etc.	B010-22	J20210XXXXX
RICOH Aficio 470W	220-240/50, 60	Europe, Asia, Oceania, etc	B010-27	J2020800045

Model: Dolphin		Date: 3-Oct-02	No.: RB010010
Subject: SC951		Prepared by: F.Noguchi	
From: Technical Services sec. Service Planning Dept.			
Classification:	<input checked="" type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input checked="" 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 type="checkbox"/> Other ()		

SYMPTOM

SC951 (F-Gate Signal Error) generated during printing only.

CAUSE

The machine switches over to Low CPM mode during a print job, causing the interval between sheets to increase. The controller does not get a fast enough response from the mainframe, causing an error at the controller side.

Note: The machine tends to switch over to Low CPM mode when it cannot maintain a high enough fusing temperature, such as when prints are made right after the machine reaches Copy Ready or recovers from Energy Saver Mode. Further, the machine has a greater tendency to switch over when a large volume of prints is made continuously under such conditions.

SOLUTION

Controller firmware modification.

Note: This modification is scheduled to be applied from January '03 production.

Action in the Field

In order to minimize occurrences of SC951, please change the following settings. This will ensure that the fusing temperature remains in the optimum range:

1. System Settings – General Features – **“Fusing Adjustment: Paper Tray”**: Set to **"3"**.
2. System Settings – General Features – **“Panel Off Timer”**: Set to **"0 sec"**.
3. System Settings – General Features – **“Energy Saver Timer”**: Set to **"0 sec"**.
4. System Settings – Key Operator Tools – **“Auto off Timer”**: Set to **"240 min"**.
5. SP1917 **“Ready Temp. Setting”**: Set to **"1"** (195°C All paper types/thickness).
6. SP1103 **“Fusing Idling”**: Set to **"3"** (5min).

Reissued: 11-Oct-02

Model: Dolphin	Date: 07-Sep-01	No.: RB010003c
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Version 6.12

	USA	EU1 Asia	EU2	EU3	EU4	EU5	EU6
BICU	B0105162E	B0105163E	B0105180E	B0105182E	B0105184E	B0105186E	B0105188E
SCU	B0105172E	B0105173E	B0105190E	B0105192E	B0105194E	B0105196E	B0105198E

1. "SAVIN 4700WD", "Gestetner A070", "LANIER LW410" added to SP5907 (Plug & Display)

The model names have been added as follows:

- 1: RICOH imajio Wide 7040 (Japan)
- 2: RICOH Aficio 470W
- 3: NRG A070
- 4: SAVIN 4700WD**
- 5: Gestetner A070**
- 6: LANIER LW410**

Reissued: 07-Nov-02

Model: Dolphin	Date: 07-Sep-01	No.: RB010003d
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< Version 6.13 >

	USA	EU1 Asia	EU2	EU3	EU4	EU5	EU6
BICU	B0105162F	B0105163F	B0105180F	B0105182F	B0105184F	B0105186F	B0105188F
SCU	B0105172F	B0105173F	B0105190F	B0105192F	B0105194F	B0105196F	B0105198F

1. An output check for the toner supply clutch has been added to SP5804 (Output Check) .

Item	Parts
56	Toner Supply Clutch

< Version 6.12 >

	USA	EU1 Asia	EU2	EU3	EU4	EU5	EU6
BICU	B0105162E	B0105163E	B0105180E	B0105182E	B0105184E	B0105186E	B0105188E
SCU	B0105172E	B0105173E	B0105190E	B0105192E	B0105194E	B0105196E	B0105198E

1. “SAVIN 4700WD”, “Gestetner A070”, “ LANIER LW410” added to SP5907 (Plug & Display)

The model names have been added as follows:

- 1: RICOH imajio Wide 7040 (Japan)
- 2: RICOH Aficio 470W
- 3: NRG A070
- 4: SAVIN 4700WD**
- 5: Gestetner A070**
- 6: LANIER LW410**

< Version 6.11 >

	USA	EU1 Asia	EU2	EU3	EU4	EU5	EU6
BICU	B0105162D	B0105163D	B0105180D	B0105182D	B0105184D	B0105186D	B0105188D
SCU	B0105172D	B0105173D	B0105190D	B0105192D	B0105194D	B0105196D	B0105198D

1. Missing image data with wide originals (230V version only)

<Symptom>

Image data is missing on the right and left edges (30mm from the edge) when feeding originals over 841mm in width.

<Cause>

Even if Original Size Auto Detect (System Settings, General Features 2/2) is turned Off, the printer/scanner controller is informed of the maximum scanning width of 841mm.

<Solution>

When Original Size Auto Detect is deactivated and the original size sensor for 841mm detects the original, the machine will regard this as a width of 914mm and send this data to the printer/scanner controller.

Note: Please advise users to deactivate Original Size Auto Detect when scanning/copying originals over 841mm in width.

Reissued: 07-Nov-02

Model: Dolphin	Date: 07-Sep-01	No.: RB010003d
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2. Scanner reserve error

<Symptom>

The Reserve Scanner Error is displayed in the Scantool function of Plotbase.

<Cause>

The Function Reset Timer is not set to "instant."

<Solution>

The Function Reset Timer has been deleted from System Settings – General Features 2/3, and is now controlled from SP5900.

5	Mode Number/name	Function/ [Setting]
5900	Function Reset Timer	<p>Adjusts the Function Reset Timer. Specifies the length of the delay in switching from Copier function to the Printer/Scanner function when the machine receives a print/scan job.</p> <p>[0, 3~30 / 0 / 1 sec step]</p> <p><i>When the printer/scanner controller is connected, the timer should be set to "0" (instant).</i></p>

Note: The update to ver6.11 in the field will not automatically change the Function Reset Timer setting, therefore it is necessary to manually set this to "instant" after the update is completed.

3. New SP Mode added to enable Continuous Original Feed (SP5957)

5	Mode Number/name	Function/ [Setting]
5957	Continuous Original Feed	<p>Enables or disables the continuous feeding of originals through the original feeder. When enabled, originals can be fed one by one during a copy job without having to wait for each copy to exit.</p>

The following items (4 thru 6) have been corrected with this version:

4. PM Light is displayed before 10,000m (every 10,000 ft.)

The PM light will now be displayed on the operation panel every 10,000 meters, regardless of the unit set for the total counter in SP5980.

5. Function error - User code

Even though the machine prompts the operator to enter the User Code, it is possible to make copies without inputting any code.

Note: User Codes cannot be used with the printer/scanner controller, even though the operation panel displays the user code screen.

6. Display changed for SP4428-002: Image Scan Adjustment - Start

"Executing" remains displayed even after the SP has completed the adjustment.

This has been changed so that no message is displayed during the adjustment, and "Succeeded" is displayed when it is completed.

Reissued: 19-Mar-03

Model: General RTB	Date: 4-Feb-03	No.: RGene013b
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RTB Reissue

The items in ***bold italics*** have been corrected or updated.

Subject: Service remarks at installation		Prepared by: T. Itoh	
From: Technical Service 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 (Specification change)		

Please note the following change in counter specification. Although a production line modification will not be applied to some products, the action described in *4. Important Notes for Installation* below must be taken for **all products** at installation.

Overview:

Electronic counters will now be set to **0** when released from the factory, instead of being set to a negative value.

Background:

Previously, counters were set to a negative value when shipped from the factory, and later set to "0" at installation, following installation test copies/prints. However this may cause confusion among some customers as to why the counter value at the commencement of the contract is "0", even though some installation test copies have already been made.

Details:

1. Specification Change

	Specification
Current	<ul style="list-style-type: none"> The initial value of the electrical counter is negative when products are shipped from the factory. <p>Note: After making test samples at installation, the negative counter value can be set to "0" with SP mode.</p>
New	<ul style="list-style-type: none"> The initial value of the electrical counter is "0" when products are shipped from the factory. <p>Note: After making test samples at installation, the (positive) counter value cannot be set back to "0" with SP mode.</p>

Reissued: 19-Mar-03

Model: General RTB	Date: 4-Feb-03	No.: RGene013b
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2. Firmware Modification

Due to the counter modification, SP5-849 has also been changed as follows for products that have this SP mode (listed below).

	SP mode name:	Specification:
Current	Counter Clear Day	<ul style="list-style-type: none"> When the electrical counter is changed from a negative value to 0, the machine recognizes this as the counter clear day and stores this date in the NVRAM.
New	Installation Date	<ul style="list-style-type: none"> When the electrical counter reaches a value of 20, the machine recognizes this as the installation date and stores this date in the NVRAM.

NOTE: The following products have SP5-849. The new firmware for these products has not yet been released. However the release notes for each will clearly mention the new firmware version.

New products: Bellini-C2, Adonis C3
 Current products: Martini C1, Model-U C1

3. Schedule for the Counter Modification

The following is the current schedule for when the counter modification will be applied. Please note that there are some models to which the change will not be applied (marked as “---”), due to production schedules, production lot quantities and sales figures.

NOTE: The actual cut-in months that have been confirmed appear in the “Cut-in production month” column below. This RTB will be reissued when these dates have been confirmed for the remaining products.

(1) New products

Product Name	Product Code	Target cut-in production month	Cut-in production month
Bellini C2	B070	2003.03	<i>April '03 production</i>
Adonis C3	B079/82	2003.03	First mass production lot
Model J-P2	G080	2003.03	<i>March '03 production</i>
Model J-P2 CF	G367	2003.03	<i>March '03 production</i>
Model AR- P1	G081/92	2003.03	<i>March '03 production</i>
Model K-C1a	B120	2003.03	<i>March '03 production</i>

Reissued: 19-Mar-03

Model: General RTB	Date: 4-Feb-03	No.: RGene013b
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(2) Current products

Product Name	Product Code	Target cut-in production month	Cut-in production month
Digital B&W Copiers			
Bellini C1	A294	---	---
Martini C1	B064/65	2003.03	<i>April '03 production (see Note)</i>
Model M-C2b	B098	2003.03	<i>March '03 production</i>
Adonis C2	B003/04/06/07	---	---
Russian C2	B022/27/31	2003.03	February '03 production
Model K-C1	B039/40/43	2003.03	<i>March '03 production</i>
Stella C1	B044/45/46/49	2003.03	<i>March '03 production</i>
Digital WF Copiers			
Dolphin	B010	2003.03	<i>March '03 production</i>
Analog Copiers			
All products	-	---	---
J2SS-C3	B047/48	<i>(See Note)</i>	<i>March '03 production</i>
Whale	A174		<i>March '03 production</i>
Color Copiers			
Model I2	B018	---	---
Model L2	B017	---	---
Model C2	B023	2003.02	February '03 production
Model U-C1	B051/52	2003.03	<i>April '03 production</i>
Color Printers			
Model J-P1	G060	---	---
Model J-P1 CF	G570	---	---
Model U-P1	G071	2003.03	<i>March '03 production</i>
Pomelo P3	G063	2003.03	<i>March '03 production</i>

NOTE: The counter change will be applied as a running change to production units only. For machines already shipped out or in the field, please be sure to take the action described below in Section 4.

NOTE: *For Martini-C1 mainframes assembled in Japan, the counter change will be applied from the first unit of April '03 production. For mainframes assembled at REI, the change will be applied midway through April production. These cut-in serial numbers will be announced as soon as they have been confirmed.*

NOTE: *The change will also be applied to analog models J2SS-C3 and Whale, as production will continue for a while. However, as these models use only mechanical counters, the initial value when shipped from the factory will be 1 or 2 (not 0), following the 1 or 2 factory test copies.*

Reissued: 19-Mar-03

Model: General RTB

Date: 4-Feb-03

No.: RGene013b

4. Important Notes for Machine Installation – All Products

Please be sure to perform the following at machine installation:

1. If the product is from before the counter modification, i.e. the counter is at a negative value, be sure to set the counter value to 0 **first**, then make the installation test samples.

Digital products	Set the electrical counter to 0 with SP mode.
Analog products	Set the mechanical counter to 0 with a reset key (tool).

2. If the product is modified, i.e. the counter is already at 0 (or above 0 following pre-installation at a service depot), simply make the installation test samples.
3. After completing the installation, make sure to **record the counter value**. This is very important, as this value will be used for billing with Meter Click contracts. Also, inform the customer of the value along with the reason why the counter does not start from "0".

Model: Dolphin		Date: 14-Apr-03	No.: RB010011
Subject: Dirty background		Prepared by: F.Noguchi	
From: 2nd Tech Support Sec. Service Support Dept.			
Classification:	<input checked="" 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 type="checkbox"/> Other ()		

Please use the following as a troubleshooting guide for when dirty background is reported from the field.

SYMPTOM

Dirty background (all types).

POSSIBLE CAUSES

1. SP2201-004 setting error:
 - This SP may be set for low-duty copy jobs even when copying at high volumes.
2. Incorrect ID sensor data:
 - 1) Dirty ID sensor
 - 2) Defective ID sensor
3. Drum light fatigue:
 - Defective quenching lamp
4. Developer deterioration:
 - 1) Developer deteriorates faster when there is a Diazo machine installed nearby, which emits ammonia.
 - 2) The developer is used past its PM interval.
5. Drum deterioration:
 - 1) Drums deteriorate faster when there is a Diazo machine installed nearby.
 - 2) The thickness of the drum's under layer (UL) is near specification minimum in some areas.
Specification: 3.0 +/- 0.5µm.

Backgrounding process:

With the Dolphin, the grid voltage is set relatively high in order to bring out highlight areas more clearly. The thinner areas at the lower limit of the UL specification (2.5µm) are unable to tolerate the higher electrical field applied to the drum surface, causing an electrical leak, which appears as dirty background on the copy surface.

Model: Dolphin	Date: 14-Apr-03	No.: RB010011
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ACTION

Perform the following, making sure to check the image quality for any improvements after replacing or cleaning any components. If at any point it returns to an acceptable level, there is no need to continue the procedure.

- 1) Take copy samples.
- 2) Print out the SMC sheet.
- 3) Check the ID sensor data with SP3103 and make sure that Vsg and Vsp are within the following ranges:
 Vsg: 4.0 +/- 0.1 Vsp: 0.5 +/- 0.1

If they are not, clean the ID sensor and then take 10 copies (A1/D, sideways). This will stabilize the toner concentration in the developer. Check the data again, and if it is still not within target levels, replace the sensor.

- 4) Check to see that the quenching lamp (red LED) remains ON during copying. If it does not, check for loose harness connections. If the connections are normal, replace the lamp.
- 5) Return the following SP settings back to their factory defaults (if changed).

Note: Set SP2201-004 to "High Duty Copy Jobs" to prevent toner scattering due to low copy volume.

SP No.	Description	Factory setting sheet No.
2001	Charge Corona Current	
-001	Image Area	05020010100
-002	Grid for Image Area	05020010200
-003	Grid for ID Sensor Pattern	05020010300
2201	Development Bias Adjustment	
-001	Image Area	05022010100
-002	ID Sensor Pattern - Low Duty Copy Jobs	05022010200
-003	ID Sensor Pattern - High Duty Copy Jobs	05022010300
-004	Copy Jobs	05022010400

- 6) Check the PM intervals for all PM parts and replace or clean any if necessary.

Note: It is particularly important that the corona wire, grid wire and ozone filter are not used past their PM intervals.

- 7) Change SP2001-002 from -875 to **-800**, and SP2201-001 from -705 to **-600**.

Note: This has a side effect of lowering the image density in solid image areas. Therefore after changing these values, make sure the ID level is acceptable to the customer.

- 8) Replace the developer.
- 9) If the above procedure does not eliminate the dirty background, drum fatigue is the most likely cause, so please replace the drum and cleaning blade.

Model: Dolphin

Date: 14-Apr-03

No.: RB010011

Cut-in Serial/Lot Numbers

(Drums with increased UL thickness):

Machines: From Aug '02

Drums: From July '02

B010-17: J2020800001

AM21826101 ~

B010-22: J2020800001

AM21827101 ~

B010-27: J2020800001

AM21828101 ~

Model: Dolphin		Date: 22-Aug-03	No.: RB010012
Subject: Release note for Dolphin-C1 (RW-470W) Controller		Prepared by: M.Matsuda	
From: 2nd Tech Support Sec. Service Support 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 ()		

This is a release note for the Dolphin-C1 (RW-470W) Controller.

***** Version 3.1 *****

***** Resolved problems *****

Bug No.	Application /Driver	Symptom	Solution/Notes
	PLOTBASE	When the entry (file) name includes the symbol (#), printing of this file will stop and not be printed.	Problem fixed. When PLOTBASE encounters this character (#), it interprets it as the "escape" character.
	PLOTBASE	There was a problem with a file used for printing accounting information. The problem was that the titles were shifted.	This was also reported in FPR #RE02110026.
	SCANTOOL	Continuously executing the "Deskew" command, caused a memory overflow and thus forced Scantool to shut down.	This was also reported in FPR #RC03030010.
	WINPRINT	Cannot properly print out lines from Microsoft Visio Professional 2002 SR-1 [English] via Winprint.	This was also reported in FPR # RE03030020.
	WINPRINT	Missing data when printing from Excel (Office XP, Windows2000SP3) via Winprint.	This was also reported in FPR # RE03040006.

***** Changed features *****

Bug No.	Subject	Application /Driver	The features of version 3.02	The features of version 3.1
	Default brightness of Scantool	Scantool	The image in the preview is messier than the image in the editor.	Sharper image in preview.
	Acquire plotter status directly	PLOTCLIENT Win	When PLOTCLIENT/WIN designates the spool folder on the Spool PC instead of the PLOTBASE PC, it is impossible to monitor the status of the plotter on the Client directly.	It is possible to monitor the status of plotter at Client directly.
	Java Plug-in update	PLOTCLIENT Web	v1.3.1	v1.4.0
	Apache update	PLOTBASE	v1.3.9	v1.3.027

Model: Dolphin	Date: 22-Aug-03	No.: RB010012
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***** New features *****

Subject	Application /Driver	The features of version 3.1
Scan File format PDF	SCANTOOL	Saving scanned image into PDF files. Scan a document and select "Save As" to save in PDF format.
Scan to Multipage PDF or TIFF	SCANTOOL	When scan documents sequentially, Scantool will create a PDF or a TIFF file with multiple pages.
"Custom Size" Scan is available	SCANTOOL	"Custom Size" scans can be created by inputting the lengths X and Y. In this case, "Custom Size" paper can be put in the middle of the scan feeder.
AutoCAD 2004 support	PLOTBASE, HDI Driver, Winprint	AutoCAD 2004 is supported for direct DWG file printing. AutoCAD 2004 has been added as supported Application of HDI/ADI driver and Winprint.

***** Revised points of the Manuals *****

In this table, the reference page is an example of the English version.

	Summary	Notes
1	The manuals have been revised fully. The new file names are RWPB31US.pdf, RWCLI31US.pdf, and RWTEC31US.pdf. The printed "Installation Manual" has been revised as well.	

***** Remarks *****

Application	Description	Bug No.
SCANTOOL	It is necessary to get a new copy of the RSP file for activating the Scan to PDF function. Please get the new RSP file via "www.rspfiles.com" and reinstall the RSP file in PLOTBASE.	OSDG-0043
PLOTBASE	When updating PLOTBASE to v3.1, a clean install of the OS is required. (See the following steps.) <ol style="list-style-type: none"> 1. Format the HDD that the previous version of PLOTBASE was installed on. 2. Install the OS. Install PLOTBASE v3.1	

Model: Dolphin	Date: 22-Aug-03	No.: RB010012
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*** Version 3.02 ***

*** Resolved problems ***

Bug No.	Application /Driver	Symptom	Solution/Workaround
	WINPRINT	WINPRINT does not print Gray Levels correctly.	This was also reported as FPR #RH02040002.
SEG-5001	WINPRINT	A description in Pop-up HELP is wrong.	This was also reported as FPR #RH02040004.
	PLOTBASE	The number '8' is filled in when drawing with "Fill Polygon" HPGL command.	Update vectorru.dll. This was also reported as FPR #RC02060004
QAC-0001	PLOTCLIENT Web Admin	When creating a new user with the same username as one that has already been deleted, the information of that setting still remains.	Problem fixed.
QAC-0002	PLOTBASE	When printing "Job State=OK" job and "Job State=Lock Print" jobs together, the "Job State=Lock Print" job is not printed due to failure in password verification. NG case:  OK case: 	Problem fixed.
OSDG-0006	PLOTCLIENT Web Admin	The user is not created without setting a Password.	It is possible to create a user without setting of Password.Problem fixed.
OSDG-0009	PLOTCLIENT Web	When sending a file with a stamp from PLOTCLIENT Web, the thickness of the stamp is too light to see.	Problem fixed.
OSDG-0010	PLOTBASE	Editing the "Customer" name in the PLOTCLIENT Web Admin is not reflected in the Job Editor of PLOTBASE.	The "Customer" name is reflected correctly in the Job Editor of PLOTBASE.
OSDG-0015	HDI/ADI Driver	AutoCAD 2002 is omitted from the About dialog" of the HDI driver.	AutoCAD 2002 is added as a supported application in the About dialog.
OSDG-0018	PLOTBASE	The pen number mismatch of the [Calcomp] tab and the Alert dialog title.	The same pen number appears in the [Calcomp] tab and the Alert dialog title.
OSDG-0019	PLOTBASE	If entering an invalid value in the degree option of [Stamp Editor], close the error dialog with the Enter key. After that, the error dialog appears even if entering a valid value in the degree option of [Stamp Editor].	Problem fixed.
OSDQ-0021	WINPRINT	Image orientation of MS Visio drawing printed by WINPRINT appears wrong in the File Viewer of PLOTBASE.	Problem fixed.
OSDG-0028	PLOTCLIENT Web	When changing the unit of the "Window measure" or "Border" options on PLOTCLIENT Web as follows, an "Error on page" message occurs. "mm" -> "inch" "inch" -> "mm" "pixel" -> "inch" "pixel" -> "mm"	Problem fixed.

Model: Dolphin	Date: 22-Aug-03	No.: RB010012
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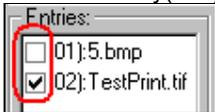
Bug No.	Application /Driver	Symptom	Solution/Workaround
OSDG-0030	PLOTCLIENT Win, PLOTCLIENT Web, HDI/ADI Driver, SCANTOOL	Format "Original" selected at clients changes to "Percent" at PLOTBASE.	Problem fixed.
OSDG-0033	PLOTBASE	Shortcut keys are disabled after error message disappeared in the [Font] tab of the [RW-470 PS Default] menu.	The shortcut keys work correctly.
OSDG-0038	PLOTBASE	Information in the Main window and the Job Info window are not the same.	Problem fixed.
OSDG-0039	WINPRINT	When printing an MS Visio file with multiple pages, the job stops printing after printing out the first page.	All pages of an MS Visio file that has more than one page can be printed out with WINPRINT.
OSDG-0040	PLOTCLIENT Mac	When printing a 3-pages MS Word document from Mac, only the 1 st page prints correctly. The 2 nd and 3 rd pages are blank.	Problem fixed.
OSDG-0042	WINPRINT	Extra or missing image when printing a MS Visio file.	Problem fixed.
OSDG-0044	Mac PPD	Only the cover page is printed when sending a job from Mac OS 9.0 to PLOTBASE .	The cover page and the other pages are printed out.
OSDG-0046	HDI/ADI Driver	An error message must appear right after entering more than 81 characters in the [printer name] box of the [Option] tab.	The error message occurs at the correct timing.
OSDG-0048	SCANTOOL	In the "Digits:" text box of the [General] tab of the [Options...] dialog of the [Setting] menu, after an error message occurs, input data does not appear.	Problem fixed.

***** Changed features *****

Bug No.	Subject	Application /Driver	The features of version 3.01	The features of version 3.02
QAC-0056	Readme file	PLOTCLIENT Win	1. During installation, there is a prompt to open a Readme file. 2. There is a Readme icon in the [Start] menu of the OS. But it is not accessible.	1. The dialog to open the Readme file does not appear. 2. The Readme icon has been removed from the [Program] menu at the [Start] menu.
Field Request	File dialog	PLOTBASE, PLOTCLIENT Win	File type of the File open dialog is always "all TIFF files".	The default value of the file type is "All support files". After changing the File type, the value of the File type is the last setting.
Field Request	File dialog	PLOTBASE, PLOTCLIENT Win	One current folder is used for the File open dialogs of both Add Entry and Insert Entry.	Add Entry and Insert Entry each have its own current folder.
Field Request	Added the option of the Job Flag Sheet	PLOTBASE	There is no selection of "Media source" at the Job Flag Sheet.	The additional selection of "Media source" of the Job Flag Sheet has been added.

Model: Dolphin	Date: 22-Aug-03	No.: RB010012
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*** New features ***

Subject	Application /Driver	The features of version 3.02
Page order	PLOTBASE, PLOTCLIENT	<p>Change the order of pages to print. There are three options: e.g.) The output page order of a five-page job.</p> <p style="text-align: center;">Page order</p> <p style="text-align: center;">Front Rear</p> <p>Auto (default value)</p> <p style="text-align: center;">1,2,3,4,5 5,4,3,2,1</p> <p>Standard</p> <p style="text-align: center;">1,2,3,4,5 1,2,3,4,5</p> <p>Reverse</p> <p style="text-align: center;">5,4,3,2,1 5,4,3,2,1</p>
Each entry has a checkbox for subset.	PLOTBASE, PLOTCLIENT	<p>Only selected entry(-ies) is (are) printed.</p> 
Locked Print	WINPRINT	The "Locked Print" function has become available with WINPRINT.
Check jobs before printing.	PLOTBASE	<p>Checks a job before starting to print. The checking points are the same as while printing. (For example, if the file type of the entry is WMF, this file structure is supported one or not.) As a result, the job including all printable entries is printed. If even one nonprintable entry is included, this job is not printed.</p> <p>When this function is enabled, the start of printing a job will be delayed.</p>
Restart problem jobs	PLOTBASE	There is an additional menu item "Job -> Retry Jobs". This feature resets all jobs with the status "problem" to "pending" to retry these jobs.
AutoCAD support	PLOTBASE	AutoCAD 2002 is supported for direct DWG files printing.
Spool directory can edit manually.	PLOTBASE	The "Spool Directory" text field is editable.
Multi reader	PLOTBASE	<p>PLOTBASE can have up to 60 spools due to system limitations.</p> <p>Each spool directory has its own directory. e.g.) Change the user interface for each user.</p>

Model: Dolphin	Date: 22-Aug-03	No.: RB010012
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***** Revised points of the Manuals *****

In this table, the reference page is an example of the English version.

	Summary	RWPB30us.pdf	RWCLI30us.pdf	Notes
1	Windows XP has been added as a supported OS of PLOTCLIENT.		P.2,7,11,12,69,74	
2	AutoCAD 2002 has been added as a supported Application of HDI/ADI driver.	P.41,43,98,152,196	P.7,17,18,63,78	
3	The explanation of Spool paths has been added.		P.27	
4	The explanation of Page Order has been added.	P.87-88	P.34,73,76	
5	The minimum size of "bypass" tray has been added.(182mm x 149mm)	P.76	P.72,75,110	OSDG-0034
6	The explanation of Locked Print in WINPRINT has been added.		P.73,75,76	
7	The explanation of how to change the plotter name has been added.		P.91,92	
8	The explanation of "Multiple Reader" has been added.	P.61-65		New features
9	More detailed explanation of "Quota" has been added.	P.65		
10	Printing starts when the "Spool Timeout" timer expires, even if PLOTBASE does not receive all the job data.	P.65-66		
11	The description of the "check jobs before printing" function has been added.	P.66-67		New features
12	"Preparing data" status has been added in the explanation of "Job status".	P.78,83		
13	For E-mail configuration, a reference page has been added.	P.88-89		
14	The description of "Activate/deactivate entries" has been added.	P.96		New features
15	More detailed explanation of "Stamp gradation" has been added.	P.107		
16	The description of "Restart problem jobs" has been added	P.130		New features
17	The descriptions of "Spool directory ", "SSL subfolder" and "CFG subfolder" have been added.	P.197-P.202		New features
18	The descriptions of "Account" and "Response" have been added.	P.69,P.199		

***** Remarks *****

Application	Description	Bug No.
PLOTBASE	Before printing the job that "Media Source" set on "roll", please check that paper is not loaded in the bypass tray. If there is paper in the bypass tray, an "UnitInoperative" message appears in the Job History Window and the job is given the "problem" status. To print the job, remove the paper from the bypass tray, and change the job status from "problem" to "Pending".	OSDG-0043

Model: Dolphin	Date: 22-Aug-03	No.: RB010012
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***** Version 3.01 *****

***** Resolved problems *****

Bug No.	Application /Driver	Symptom	Solution/Workaround
QAC-0046 RINC-0162 RINC-1032	PLOTBASE SCANTOOL	After changing the settings of "Configurations", selecting stamp causes PLOTBASE/SCANTOOL to close automatically with an Application error.	Problem fixed.
QAC-0057	Winprint	The "Quality" setting does not work correctly.	The "Quality" selection has been fixed.
QAC-0058 RINC-0169	PLOTCLIENT Web Admin	The "Help" function doesn't work.	The "Help" function works.
QAC-3015	SCANTOOL	If SCANTOOL is shot down while engine is waiting for scan document, the operation panel of engine isn't released.	The operation panel returns to Ready, before shutting down SCANTOOL.
RINC-1035	SCANTOOL	When you change [unit] to "inch" and enter a valid number in the "Border" text box of Job Editor, the alert appears as [unit] is "mm" .	When you change the [unit] of [Option] dialog, the message that confirm whether save the data or not appears. After that "Job Editor" closes and reopens automatically.
SEG-0001	Winprint	Winprint jobs appear as the full path file name in the "Job Name" of job list.	Only filenames are listed in the job list.
SEG-0004	PLOTCLIENT Win	After uninstalling PLOTCLIENT Win, ADI_HDI Driver does not work.	Uninstallation of PLOTCLIENT Win does not influence on ADI_HDI diver.
SEG-0005	PLOTCLIENT Win	The default font name isn't displayed in "Stamp Edit" on Win9x.	The default font name is shown in "Stamp Edit" on Win9x. This was also reported as FPR #RH02040004.
SEG-0006	PLOTCLIENT Web	There is a blank selection in the "Stamp position" pulldown list.	The "Middle Right" option in the "Stamp position" is now displayed. This was also reported as FPR #RH02040003.
SEG-0012	PLOTBASE	After replacing the controller board, new license cannot be installed.	Problem fixed.
SEG-0013	PLOTBASE	The "Expiration Date" format in [License Manager] is not in date format.	Problem fixed.
SEG-0014	Winprint	"Job Owner" of Win9x print jobs appears "NoUsername" in he PLOTBASE job list.	Win9x login user name appears on print jobs from Win9x Winprint.
SEG-0016	PLOTBASE	The Plotted Area value on accounting sheet is the area of image data on paper.	The Plotted Area value is the area of consumed paper.
SEG-0018	PLOTBASE	When [unit] is "mm", the paper size appears correctly at the [Format] area of [JobFlagSheet].	The paper size of all type of [unit] appears correctly at the [Format].
SEG-0021	PLOTBASE	Correct media type is not printed in the [JobFlagSheet].	Problem fixed.
SEG-0022	PLOTCLIENT Win	When opening the SSL file that media type is not set to the machine, application hangs up.	Problem fixed.
SEG-0024	SCANTOOL	Scan start position shifts to left from the edge of a document.	Problem fixed.

Model: Dolphin		Date: 22-Aug-03	No.: RB010012
Bug No.	Application /Driver	Symptom	Solution/Workaround
SEG-0025	PLOTBASE	When executing a [Order by] command with incorrect date format, an Application error occurs.	Problem fixed.
SEG-0038	PLOTCLIENT Web	[help] button in the PLOTCLIENT Web page doesn't work.	[help] button is removed from Web page.
SEG-0045	Winprint	Even if user cancels Winprint installation, installer prompts user to restart the computer.	Problem fixed.
SEG-0056	PLOTBASE	There are garbled characters in [Product] area of [License Manager] dialog except English and German.	The items of [Product] list show correctly with all supported Languages.
SEG-2001	SCANTOOL	Originals with 30 inch width are detected as 24 inch.	It is a specification of the Engine. Workaround: Scan the data wider than the original size and clip the data to the size that you want. For more details, refer to the readme file. This was also reported with Field Test DB.

***** Changed features *****

Bug No.	Subject	Application /Driver	The features of version 3.00	The features of version 3.01
QAC-0010 SEG-0047	Language selected during the installation isn't used in applications.		Language selected during the installation isn't used in applications and language setting of the software is different between OS.	Language selected during the installation is used in applications.
QAC-0041	RSP file	PLOTBASE	"License Manager" doesn't recognize license file, which was downloaded from www.rspfiles.com. ("licens e.zip.rsp")	"License Manager" can read both "license.rsp" and "license.zip.rsp".
RINC-0167	Installation of the Apache server		The installation process does not go background.	The Apache server can be installed as a background process.
QAC-0030	"Immediately" settings on Job Editor	PLOTBASE SCANTOOL	The "Immediately" priority is the same as "Normal".	The job that priority is "immediately" interrupts in the current job.
RINC-0034	The menu items of "Stamp Macro"	PLOTBASE PLOTCLIENT Win	The SSL-Macros is the sub-menu of [Macros].	The SSL-Macro menu is merged with [Macros].
SEG-0034 SEG-0035	"Text Color" function of stamp is changed the name to "Stamp gradation"	PLOTBASE PLOTCLIENT Win PLOTCLIENT Web	[stamp color text] function does not work.	Stamps have four different gray levels. (Black, Dark gray, Gray and Light gray) Please refer to the readme file.
QAC-0055	Checking of entry file type	PLOTCLIENT Web	Any file type can select at [Choose file] dialog.	If unsupported file type is selected, alert message is displayed.

Model: Dolphin	Date: 22-Aug-03	No.: RB010012
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Bug No.	Subject	Application /Driver	The features of version 3.00	The features of version 3.01
RINC-0171	The range of border values	PLOTCLIENT Web	The range of border values is same for the all unit of measure.	The range of border values has changed depending on the unit. The range of border values is as follows. mm: 0-500 inch: 0-20 pixel: 0-12000 Please refer to the readme file.
QAC-0053	The character length of stamp macro that is beyond the paper size.	PLOTBASE	If the character length of stamp macro is longer than the plot image, the job is canceled automatically at [Job List].	Stamps that are larger than the plot image are clipped.
RINC-0175	The timing of sending "Response mail"		The "Response mail" sends all states of printing progress (Pending, Plotting, and OK).	The "Response mail" sends when job has finished. The number of "Response mail" is reduced to one.
RINC-0168	The date format in "Response mail"		The date format in "Response mail" isn't same the OS setting.	Style of date and time in e-mails is changed to the OS locale setting of PLOTBASE Server.
RINC-0170	The characters that aren't allowed to be used for "Job Name".	PLOTCLIENT PLOTCLIENT Web	The text field of "Job Name" cannot accept the hyphen character to make queue on PLOTBASE.	The text field of "Job Name" can accept the hyphen character. There are ten characters that aren't allowed at the "Job Name". \\ / : * ? " < > %
RINC-0181	The number of "Job Copies"	PLOTBASE PLOTCLIENT PLOTCLIENT Win	"Job Copies" in Job Editor accepts a number more than 999.	PLOTBASE : the value is changed to 999 automatically when entering a value over 999 PLOTCLIENT and PLOTCLIENT web : cannot enter a value greater than 999.
RINC-0065-1	The maximum number of "Copy count"	Winprint	The maximum number of "Copy count" is 99.	The maximum number of "Copy count" is 999, but there is a limitation as follows. If a number larger than 999 is set with Application, the number of output is 1 or 999. Please refer to the readme file.
RINC-0164	Default configuration files		Sometimes the Error message may occur when accessing the properties area of [Configuration] tab of PLOTBASE.	Installer copies the default configuration files(hpgl.hcf and calcomp.ccf) under the ... \program folder.

Model: Dolphin		Date: 22-Aug-03	No.: RB010012	
Bug No.	Subject	Application /Driver	The features of version 3.00	The features of version 3.01
	NEW feature: Change the setting of unit	PLOTCLIENT Web		The [measure] item has been added on [edit job-parameter] page. You can select "mm" or "inch" as unit.

***** Revised points of the Manuals *****

In this table, the reference page is an example of the English version.

Summary	RWPB30us.pdf	RWCLI30us.pdf	RWTEC30us.pdf (not for User)	Bug No.
AMD "Athlon" processor has been added as supported CPU.	P17		P6	
The list of supported Mainboards has been added.			P5,6	
Wording: "Transparent" is changed to "Translucent".	P65,84,86,92,152	P33,34,41,69,71,85,106,108,129		QAC-0005
Wording: "inverse" is changed to "invert".	P56	P85		RINC-0121
The maximum border around the drawing has been changed from 500.00 mm to 499.99mm.	P85			SEG-0009
[Measure] item has "mm" and "inch" option.		P103		
The explanation of DWG file format has been added.	P40,42,90,143	P7,74	P16	

***** Remarks *****

Application	Description	Bug No.
PLOTCLIENT Win / PLOTBASE	The job that has "wait" priority is printed manually in the PLOTBASE job list. (Refer to the Manual of PLOTBASE.)	SEG-0023

Model: Dolphin		Date: 25-May-04	No.: RB010013
Subject: Release note for Dolphin-C1 (RW-470W) Controller		Prepared by: F.Noguchi	
From: 2nd Tech Support Sec. Service Support Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input checked="" 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 type="checkbox"/> Other ()		

This is a release note for the Dolphin-C1 (RW-470W) Controller.

***** SP1 (Patch) for Version 3.1 *****

SP1 solves the following problems.

Note: PLOTBASE v3.02 or earlier does not require SP1.

1. Mac OS connection

Problem

When trying to access PLOTBASE v3.1 to upload "PPD for Mac" from a client browser using "http://" (URL), Plotbase cannot be accessed.

Workaround without SP1 patch installation

When you get "PPD for Mac", copy it from the PLOTBASE CD directly, instead of accessing with a URL.

2. 500 server error

If the "Upload to Job list" button is pressed after adding multiple files using the "add multiple" button on the Web Client, "500 server error" will be displayed.

Reissued: 21-Dec-04

Model: Dolphin	Date: 22-Aug-03	No.: RB010012a
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Version 3.3 has been added.

Subject: Release note for Dolphin-C1 (RW-470W) Controller		Prepared by: F.Noguchi	
From: 2nd Tech Support Sec. Service Support 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 ()		

This is the release note for Dolphin-C1 (RW-470W) Controller.

Part Number	G0678500	RTB
Version	Suffix	Issue date
3.01	A	22-Aug-03
3.02	B	22-Aug-03
3.1	C	22-Aug-03
3.3	D	21-Dec-04

***** Version 3.3 *****

***** Resolved problems *****

Bug No.	Application/Driver	Symptom	Solution/Comment
	WINPRINT (PLOTBASE PC)	The name of Winprint contains a blank space. The name "RW-470 WP" cannot be used from PLOTCLIENT LPR.	The name has been changed from "RW-470 WP" to "RW-470WP."
	PLOTCLIENT Web	Cannot download the PPD file from clients.	This problem was resolved by RW-470 3.1 Service Packs.

***** Changed features *****

Bug No.	Subject	Application/Driver	The features of version 3.3	The features of version 3.1
	PS module update	PLOTBASE	8.14	8.00
	Margin settings	HDI Driver	The default margin is now 0. It enables customers to use the entire surface of each piece of paper.	The old default margin was about 5% of the paper size.
	RSP file name	PLOTBASE	The RSP file name has been changed to include the product name. e. g. RW-470-Serial number-ZIP.RSP	The old file name was Serial number-ZIP.RSP
	Letter size printing of Job Flag Sheet/Test page/Error sheet	PLOTBASE	Letter size can now be printed.	Only A4 could be printed.

Reissued: 21-Dec-04

Model: Dolphin	Date: 22-Aug-03	No.: RB010012a
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***** New features *****

Subject	Application/Driver	The features of version 3.3
AutoCAD2005 support	PLOTBASE, HDI Driver,	AutoCAD 2005 is supported for direct DWG/DXF file printing. AutoCAD 2005 has been added as a supported Application of the HDI/ADI driver.
Mac X v10.3.x (Panther) support	PLOTCLIENT MAC	Mac X v10.3.x (Panther) client PC can print using PLOTCLIENT MAC.
"Wipeout" function support	PLOTBASE HDI Driver	"Wipeout" is a new function of AutoCAD 2004. The "Wipeout" area is now printed correctly using PLOTBASE.
Windows XP SP2 support.	PLOTBASE All clients	Can print in the Windows XP SP2 environment.
Custom paper size support	WINPRINT	Custom paper sizes are supported with WINPRINT.

***** Revised points of the Manuals *****

Subject	Summary	Notes
Installation of Mac X v10.3.x (Panther)	Created PLOTBASE installation manual for Mac X v10.3.x (Panther)	
Locked Print for PLOTCLIENT MAC	PLOTCLIENT MAC doesn't support the "Locked Print" function. Therefore, the description was deleted.	

Reissued: 20-Jan-05

Model: Dolphin	Date: 22-Aug-03	No.: RB010012b
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RTB Reissue

The upgrade procedure from ver.3.1 to ver.3.3 has been added.

Subject: Release note for Dolphin-C1 (RW-470W) Controller		Prepared by: F.Noguchi	
From: 2nd Tech Support Sec. Service Support 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 ()		

This is the release note for Dolphin-C1 (RW-470W) Controller.

Part Number	G0678500	RTB
Version	Suffix	Issue date
3.01	A	22-Aug-03
3.02	B	22-Aug-03
3.1	C	22-Aug-03
3.3	D	21-Dec-04

***** Version 3.3 *****

***** Resolved problems *****

Bug No.	Application/Driver	Symptom	Solution/Comment
	WINPRINT (PLOTBASE PC)	The name of Winprint contains a blank space. The name "RW-470 WP" cannot be used from PLOTCLIENT LPR.	The name has been changed from "RW-470 WP" to "RW-470WP."
	PLOTCLIENT Web	Cannot download the PPD file from clients.	This problem was resolved by RW-470 3.1 Service Packs.

***** Changed features *****

Bug No.	Subject	Application/Driver	The features of version 3.3	The features of version 3.1
	PS module update	PLOTBASE	8.14	8.00
	Margin settings	HDI Driver	The default margin is now 0. It enables customers to use the entire surface of each piece of paper.	The old default margin was about 5% of the paper size.
	RSP file name	PLOTBASE	The RSP file name has been changed to include the product name. e. g. RW-470-Serial number-ZIP.RSP	The old file name was Serial number-ZIP.RSP
	Letter size printing of Job Flag Sheet/Test page/Error sheet	PLOTBASE	Letter size can now be printed.	Only A4 could be printed.

Reissued: 20-Jan-05

Model: Dolphin	Date: 22-Aug-03	No.: RB010012b
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***** New features *****

Subject	Application/Driver	The features of version 3.3
AutoCAD2005 support	PLOTBASE, HDI Driver,	AutoCAD 2005 is supported for direct DWG/DXF file printing. AutoCAD 2005 has been added as a supported Application of the HDI/ADI driver.
Mac X v10.3.x (Panther) support	PLOTCLIENT MAC	Mac X v10.3.x (Panther) client PC can print using PLOTCLIENT MAC.
"Wipeout" function support	PLOTBASE HDI Driver	"Wipeout" is a new function of AutoCAD 2004. The "Wipeout" area is now printed correctly using PLOTBASE.
Windows XP SP2 support.	PLOTBASE All clients	Can print in the Windows XP SP2 environment.
Custom paper size support	WINPRINT	Custom paper sizes are supported with WINPRINT.

***** Revised points of the Manuals *****

Subject	Summary	Notes
Installation of Mac X v10.3.x (Panther)	Created PLOTBASE installation manual for Mac X v10.3.x (Panther)	
Locked Print for PLOTCLIENT MAC	PLOTCLIENT MAC doesn't support the "Locked Print" function. Therefore, the description was deleted.	

Reissued: 20-Jan-05

Model: Dolphin

Date: 22-Aug-03

No.: RB010012b

RW-470 Upgrade Procedure (From Ver.3.1 to Ver.3.3)

(1) How to upgrade from 3.1 to 3.3 on a server

Several components make up the RW-470 PLOTBASE.

Some of them are installed automatically by executing the setup of RW-470 PLOTBASE, but others have to be installed manually from the "tools" directory.

In the case of updating from RW-470 PLOTBASE version 3.1 to 3.3, it is necessary to first uninstall version 3.1, but this cannot be done automatically in all cases and for all clients.

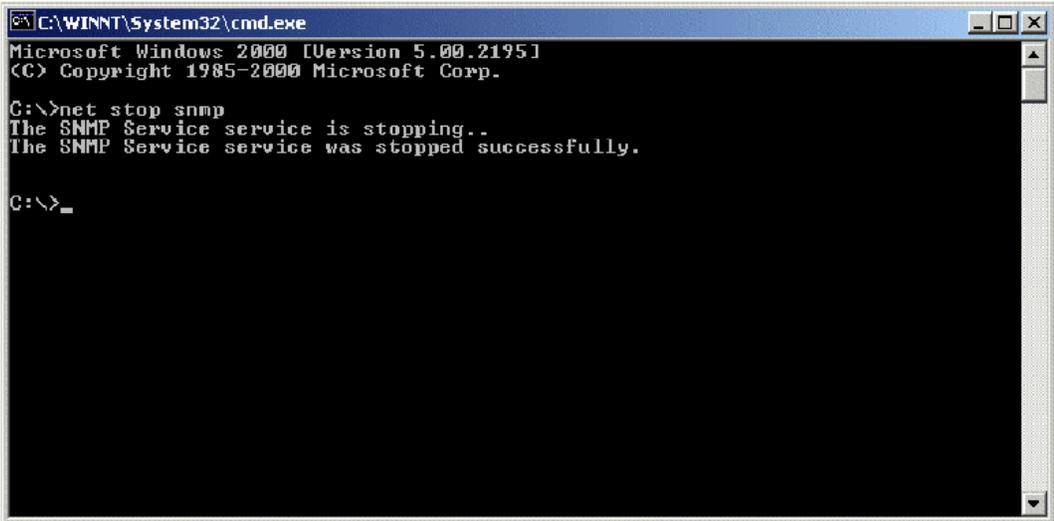
This document describes the necessary steps to uninstall those components that cannot be updated automatically by the RW-470 PLOTBASE setup of version 3.3.

Start the update

1. Close all running applications.

Stop the Apache web server

2. Open the "Start" menu on the task bar.
3. Select "Run".
4. Type "cmd" into the text field and press the "Enter" button on the keyboard.
The DOS command box will open.
5. Type "net stop apache" and press the "Enter" button on the keyboard:



```
C:\WINNT\System32\cmd.exe
Microsoft Windows 2000 [Version 5.00.2195]
(C) Copyright 1985-2000 Microsoft Corp.

C:\>net stop snmp
The SNMP Service service is stopping..
The SNMP Service service was stopped successfully.

C:\>_
```

Reissued: 20-Jan-05

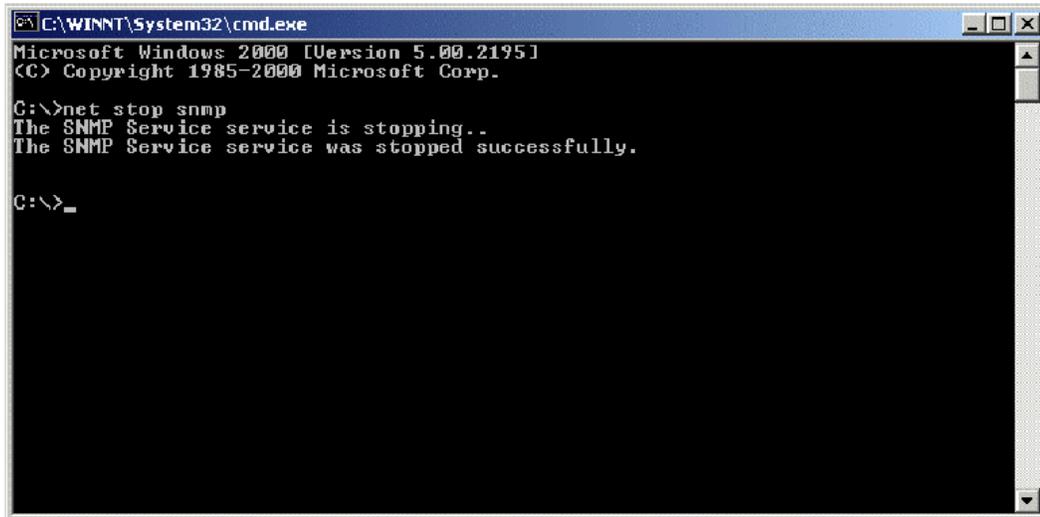
Model: Dolphin

Date: 22-Aug-03

No.: RB010012b

Stop the SNMP service

6. Open the "Start" menu on task bar.
7. Select "Run".
8. Type "cmd" into the text field and press the "Enter" button on the keyboard.
The DOS command box will open.
9. Type "net stop snmp" and press the "Enter" button on the keyboard:



```
C:\WINNT\System32\cmd.exe
Microsoft Windows 2000 [Version 5.00.2195]
(C) Copyright 1985-2000 Microsoft Corp.

C:\>net stop snmp
The SNMP Service service is stopping..
The SNMP Service service was stopped successfully.

C:\>_
```

Uninstall the RW-470 PLOTBASE

10. Open the "Start" menu on the task bar.
11. Select "Settings".
12. Open the "Control Panel".
13. Double click "Add/Remove programs".
14. Select "RW-470" from the list of currently installed programs.
15. Click the "Remove" button and follow the steps.

Delete the remaining files and directories

16. Delete the directory c: Program Files\RW-470.
17. Delete the directory c:\spool.

Install RW-470 PLOTBASE (Version 3.3) on the Server

18. Read the instructions in the installation manual of RW-470 PLOTBASE version 3.3 and install RW-470 PLOTBASE version 3.3.

Reissued: 20-Jan-05

Model: Dolphin

Date: 22-Aug-03

No.: RB010012b

(2) On a client**Uninstall RW-470 PLOTCLIENT WIN**

1. To make all new features available, it is recommended to uninstall RW-470 PLOTCLIENTWIN.
2. To do so, please follow the steps as described above in the "Uninstall RW-470 PLOTBASE" section.

Uninstall RW-470 PLOTCLIENT HDI/ADI

3. Open a sample picture in your AutoCAD program.
4. Open "Plotter Manager" by selecting "File" > "Plotter Manager".
5. Select "RW-470 PLOTCLIENT HDI.pc3"(*).
6. Press the "Del" button on the keyboard to delete the file "RW-470 PLOTCLIENT HDI.pc3".
7. Close your AutoCAD program.
8. Open the "Start" menu on the task bar.
9. Select "Settings".
10. Open the "Control Panel".
11. Double click "Add/Remove programs".
12. Select "RW-470 PLOTCLIENT HDI" from the list of currently installed programs.
13. Click on the "Change/Remove" button and follow the steps.

*Default setting. What you select depends on your previous setting.

Uninstall RW-470 WINPRINT

It is not necessary to uninstall RW-470 WINPRINT, as it will be updated automatically on server and client PC, by the setup procedure of version 3.3.

If, however, RW-470 WINPRINT was not automatically updated by the setup of version 3.3, please start the RW-470 WINPRINT setup manually from the tools directory "C:\Program Files\RW-470\RW-470\tools" or from the CD that was shipped with the RW-470 Controller.

If uninstallation of RW-470 WINPRINT is necessary, the procedure is as follows:

1. Open the "Start" menu on the task bar.
2. Select "Settings".
3. Open "Printers".
4. Select "RW-470 WP"(*).
5. Press the "Del" button on the keyboard to delete the printer.

*Default setting. What you select depends on your previous setting.

Install the RW-470 CLIENTS (Version 3.3)

1. Read the instructions in the installation manual of RW-470 CLIENTS version 3.3 and install each program of RW-470 CLIENTS version 3.3.

Model: Dolphin		Date: 3-Feb-05	No.: RB010014
Subject: Rattling noise just after the toner cartridge is replaced		Prepared by: F.Noguchi	
From: 2nd Tech Support Sec. Service Support Dept.			
Classification:	<input checked="" 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 type="checkbox"/> Other ()		

Important Note on the Dolphin Toner Cartridge

The following is normal machine operation:

The mechanism in the Dolphin development unit is designed to prevent damage to the gears and toner cartridge joints.

When there is a large amount of rotational stress (load) on the agitators, the toner cartridge joint (B0103206) separates from the gear and a rattling sound occurs.

The purpose of the noise is to tell the user that something is wrong with the toner cartridge.

Note: 1) The load on the agitator can be high when the toner is compressed inside the cartridge. This can happen when the cartridge is stood upright (storage), or when vibration compresses the toner (shipping).

2) See related MB: MB01000013

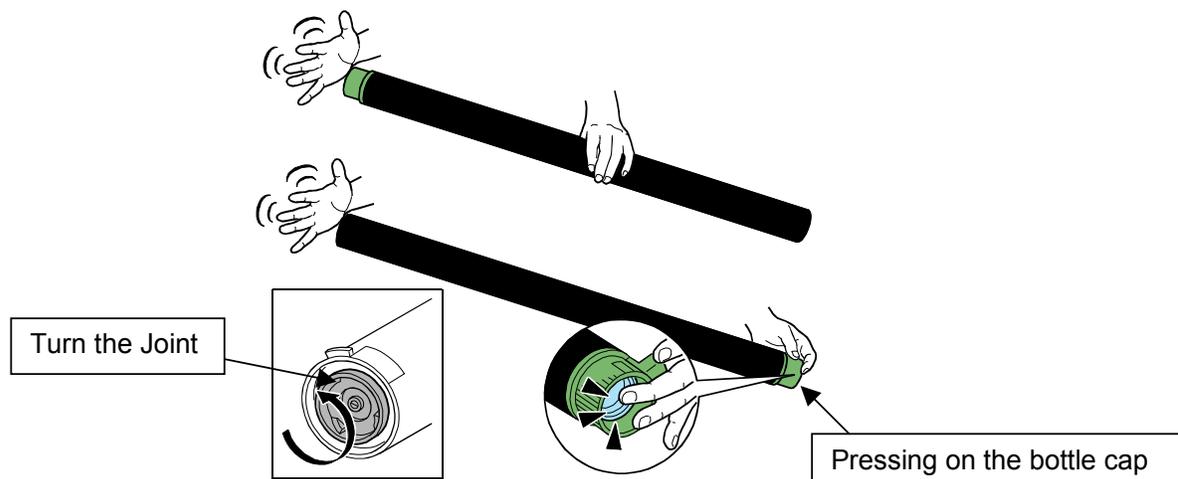
Recommendation:

If the user wants to make sure the sound does not occur, at the next service visit please advise them to do the following:

1. Hold the middle of the new toner cartridge and tap the joint (green end) 4 or 5 times.
2. Hold the joint with 2-3 fingers and tap the other side 4 or 5 times.
3. Hold the bottle horizontally and shake it briskly side-to-side 5 or 6 times.
4. Turn the joint one time around (in the direction of the arrow).

Important: If you cannot turn the joint, do Steps 1 thru 3 again.

5. Install the new toner cartridge.



Reissued: 24-Apr-06

Model: Dolphin	Date: 22-Aug-03	No.: RB010012c
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RTB Reissue

The features and upgrade procedure for ver.3.3.1 (from ver3.3) was added.

Subject: Release note for Dolphin-C1 (RW-470W) Controller		Prepared by: F.Noguchi	
From: 2nd Tech Support Sec. Service Support 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 ()		

This is the release note for Dolphin-C1 (RW-470W) Controller.

Part Number	G0678500	RTB
Version	Suffix	Issue date
3.01	A	22-Aug-03
3.02	B	22-Aug-03
3.1	C	22-Aug-03
3.3	D	21-Dec-04
3.3.1	E	24-Apr-06

***** Version 3.3.1 *****

***** New features *****

Subject	Application/Driver	The features of version 3.3
AutoCD2006	PLOTBASE, HDI Driver,	AutoCAD 2006 was added as a supported Application of the HDI driver.
PDF Direct print	SCANTOOL	PDF ver.1.5 was added.

Upgrade Procedure (From Ver.3.3 to Ver.3.3.1)

Please refer to the PDF file (attached with firmware)

***** Version 3.3 *****

***** Resolved problems *****

Bug No.	Application/Driver	Symptom	Solution/Comment
	WINPRINT (PLOTBASE PC)	The name of Winprint contains a blank space. The name "RW-470 WP" cannot be used from PLOTCLIENT LPR.	The name has been changed from "RW-470 WP" to "RW-470WP."
	PLOTCLIENT Web	Cannot download the PPD file from clients.	This problem was resolved by RW-470 3.1 Service Packs.

Reissued: 24-Apr-06

Model: Dolphin	Date: 22-Aug-03	No.: RB010012c
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***** Changed features *****

Bug No.	Subject	Application/Driver	The features of version 3.3	The features of version 3.1
	PS module update	PLOTBASE	8.14	8.00
	Margin settings	HDI Driver	The default margin is now 0. It enables customers to use the entire surface of each piece of paper.	The old default margin was about 5% of the paper size.
	RSP file name	PLOTBASE	The RSP file name has been changed to include the product name. e. g. RW-470-Serial number-ZIP.RSP	Old file name was Serial number-ZIP.RSP
	Letter size printing of Job Flag Sheet/Test page/Error sheet	PLOTBASE	Letter size can now be printed.	Only A4 could be printed.

***** New features *****

Subject	Application/Driver	The features of version 3.3
AutoCAD2005 support	PLOTBASE, HDI Driver,	AutoCAD 2005 is supported for direct DWG/DXF file printing. AutoCAD 2005 has been added as a supported Application of the HDI/ADI driver.
Mac X v10.3.x (Panther) support	PLOTCLIENT MAC	Mac X v10.3.x (Panther) client PC can print using PLOTCLIENT MAC.
“Wipeout” function support	PLOTBASE HDI Driver	“Wipeout” is a new function of AutoCAD 2004. The “Wipeout” area is now printed correctly using PLOTBASE.
Windows XP SP2 support.	PLOTBASE All clients	Can print in the Windows XP SP2 environment.
Custom paper size support	WINPRINT	Custom paper sizes are supported with WINPRINT.

***** Revised points of the Manuals *****

Subject	Summary	Notes
Installation of Mac X v10.3.x (Panther)	Created PLOTBASE installation manual for Mac X v10.3.x (Panther)	
Locked Print for PLOTCLIENT MAC	PLOTCLIENT MAC doesn't support the “Locked Print” function. Therefore, the description was deleted.	

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RW-470 Upgrade Procedure (From Ver.3.1 to Ver.3.3)

(1) How to upgrade from 3.1 to 3.3 on a server

Several components make up the RW-470 PLOTBASE.

Some of them are installed automatically by executing the setup of RW-470 PLOTBASE, others have to be installed manually from the "tools" directory.

In the case of updating from RW-470 PLOTBASE version 3.1 to 3.3, it is necessary to first uninstall version 3.1, but this cannot be done automatically in all cases and for all clients.

This document describes the necessary steps to uninstall those components that cannot be updated automatically by the RW-470 PLOTBASE setup of version 3.3.

Start update

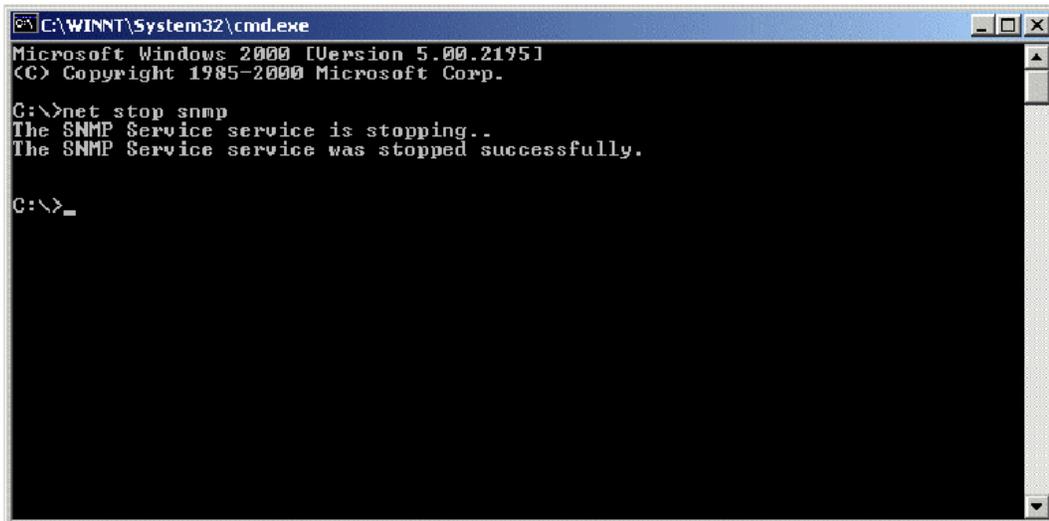
1. Close all running applications.

Stop the Apache web server

2. Open the "Start" menu on the task bar.
3. Select "Run".
4. Type "cmd" into the text field and press the "Enter" button on the keyboard.

The DOS command box will open.

5. Type "net stop apache" and press the "Enter" button on the keyboard:



Stop the SNMP service

6. Open the "Start" menu on task bar.
7. Select "Run".

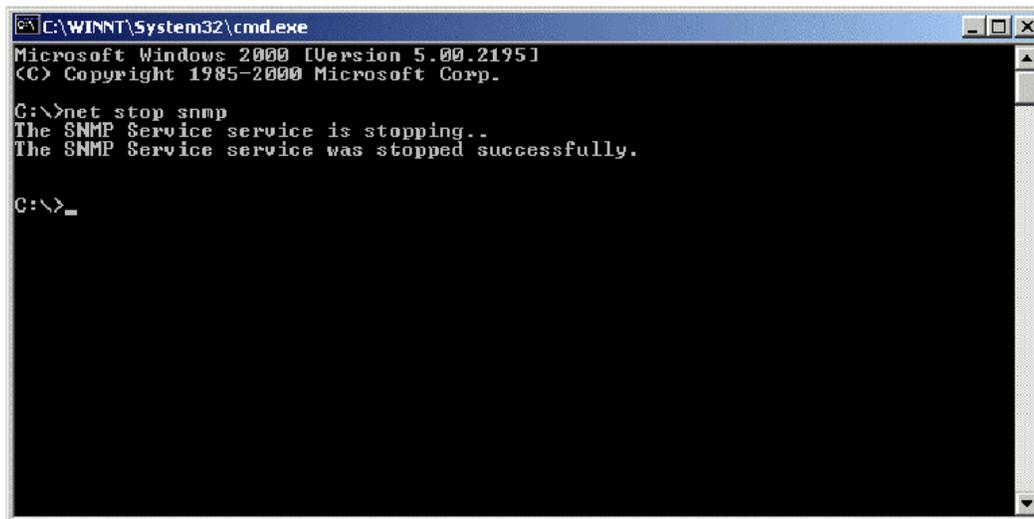
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8. Type "cmd" into the text field and press the "Enter" button on the keyboard.

The DOS command box will open.

9. Type "net stop snmp" and press the "Enter" button on the keyboard:



Uninstall the RW-470 PLOTBASE

- 10. Open the "Start" menu on the task bar.
- 11. Select "Settings".
- 12. Open the "Control Panel".
- 13. Double click "Add/Remove programs".
- 14. Select "RW-470" from the list of currently installed programs.
- 15. Click the "Remove" button and follow the steps.

Delete the remaining files and directories

- 16. Delete the directory c: Program Files\RW-470.
- 17. Delete the directory c:\spool.

Install RW-470 PLOTBASE (Version 3.3) on the Server

- 18. Read the instructions in the installation manual of RW-470 PLOTBASE version 3.3 and install RW-470 PLOTBASE version 3.3.

(2) On a client

Uninstall RW-470 PLOTCLIENT WIN

- 19. To make all new features available, it is recommended to uninstall RW-470 PLOTCLIENTWIN.
- 20. To do so, please follow the steps as described above in the "Uninstall RW-470 PLOTBASE" section.

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Uninstall RW-470 PLOTCLIENT HDI/ADI

21. Open a sample picture in your AutoCAD program.
22. Open "Plotter Manager" by selecting "File" > "Plotter Manager".
23. Select "RW-470 PLOTCLIENT HDI.pc3"(*).
24. Press the "Del" button on the keyboard to delete the file "RW-470 PLOTCLIENT HDI.pc3".
25. Close your AutoCAD program.
26. Open the "Start" menu on the task bar.
27. Select "Settings".
28. Open the "Control Panel".
29. Double click "Add/Remove programs".
30. Select "RW-470 PLOTCLIENT HDI" from the list of currently installed programs.
31. Click on the "Change/Remove" button and follow the steps.

*Default setting. What you select depends on your previous setting.

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Uninstall RW-470 WINPRINT

It is not necessary to uninstall RW-470 WINPRINT, as it will be updated automatically on server and client PC, by the setup procedure of version 3.3.

If, however, the RW-470 WINPRINT was not automatically updated by the setup of version 3.3, please start the RW-470 WINPRINT setup manually from the tools directory "C:\Program Files\RW-470\RW-470\tools" or from the CD that was shipped with the RW-470 Controller.

If uninstallation of RW-470 WINPRINT is necessary, the procedure is as follows:

32. Open the "Start" menu on the task bar.
33. Select "Settings".
34. Open "Printers".
35. Select "RW-470 WP"(*).
36. Press the "Del" button on the keyboard to delete the printer.

*Default setting. What you select depends on your previous setting.

Install the RW-470 CLIENTS (Version 3.3)

37. Read the instructions in the installation manual of RW-470 CLIENTS version 3.3 and install each program of RW-470 CLIENTS version 3.3.

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***** Version 3.1 *****

***** Resolved problems *****

Bug No.	Application /Driver	Symptom	Solution/Notes
	PLOTBASE	When the entry (file) name includes the symbol (#), printing of this file will stop and not be printed.	Problem fixed. When PLOTBASE encounters this character (#), it interprets it as the "escape" character.
	PLOTBASE	There was a problem with a file used for printing accounting information. The problem was that the titles were shifted.	This was also reported in FPR #RE02110026.
	SCANTOOL	Continuously executing the "Deskew" command, caused a memory overflow and thus forced Scantool to shut down.	This was also reported in FPR #RC03030010.
	WINPRINT	Cannot properly print out lines from Microsoft Visio Professional 2002 SR-1 [English] via Winprint.	This was also reported in FPR # RE03030020.
	WINPRINT	Missing data when printing from Excel (Office XP, Windows2000SP3) via Winprint.	This was also reported in FPR # RE03040006.

***** Changed features *****

Bug No.	Subject	Application /Driver	The features of version 3.02	The features of version 3.1
	Default brightness of Scantool	Scantool	The image in the preview is messier than the image in the editor.	Sharper image in preview.
	Acquire plotter status directly	PLOTCLIENT Win	When PLOTCLIENT/WIN designates the spool folder on the Spool PC instead of the PLOTBASE PC, it is impossible to monitor the status of the plotter on the Client directly.	It is possible to monitor the status of plotter at Client directly.
	Java Plug-in update	PLOTCLIENT Web	v1.3.1	v1.4.0
	Apache update	PLOTBASE	v1.3.9	v1.3.027

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***** New features *****

Subject	Application /Driver	The features of version 3.1
Scan File format PDF	SCANTOOL	Saving scanned image into PDF files. Scan a document and select "Save As" to save in PDF format.
Scan to Multipage PDF or TIFF	SCANTOOL	When scan documents sequentially, Scantool will create a PDF or a TIFF file with multiple pages.
"Custom Size" Scan is available	SCANTOOL	"Custom Size" scans can be created by inputting the lengths X and Y. In this case, "Custom Size" paper can be put in the middle of the scan feeder.
AutoCAD 2004 support	PLOTBASE, HDI Driver, Winprint	AutoCAD 2004 is supported for direct DWG file printing. AutoCAD 2004 has been added as supported Application of HDI/ADI driver and Winprint.

***** Revised points of the Manuals *****

In this table, the reference page is an example of the English version.

	Summary	Notes
1	The manuals have been revised fully. The new file names are RWPB31US.pdf, RWCLI31US.pdf, and RWTEC31US.pdf. The printed "Installation Manual" has been revised as well.	

***** Remarks *****

Application	Description	Bug No.
SCANTOOL	It is necessary to get a new copy of the RSP file for activating the Scan to PDF function. Please get the new RSP file via "www.rsfiles.com" and reinstall the RSP file in PLOTBASE.	OSDG-0043
PLOTBASE	When updating the PLOTBASE to v3.1, a clean install of the OS is required. (See the following steps.) <ol style="list-style-type: none"> 1. Format the HDD that the previous version of PLOTBASE was installed on. 2. Install the OS. Install PLOTBASE v3.1	

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***** Version 3.02 *****

***** Resolved problems *****

Bug No.	Application /Driver	Symptom	Solution/Workaround
	WINPRINT	WINPRINT does not print Gray Levels correctly.	This was also reported as FPR #RH02040002.
SEG-5001	WINPRINT	The description of Pop-up HELP is wrong.	This was also reported as FPR #RH02040004.
	PLOTBASE	The number '8' is filled in when drawing with "Fill Polygon" HPGL command.	Update vectorru.dll. This was also reported as FPR #RC02060004
QAC-0001	PLOTCLIEN T Web Admin	When creating a new user with the same username that has already been deleted, the information of setting still remains.	Problem fixed.
QAC-0002	PLOTBASE	When printing "Job State=OK" job and "Job State=Lock Print" job together, "Job State=Lock Print" job is not printed due to failure in password verification. NG case:  OK case: 	Problem fixed.
OSDG-0006	PLOTCLIEN T Web Admin	The user is not created without setting Password.	It is available to create user without setting of Password.Problem fixed.
OSDG-0009	PLOTCLIENT Web	When sending a file with stamp from PLOTCLIENT Web, the thickness of stamp is too light to see.	Problem fixed.
OSDG-0010	PLOTBASE	Editing the "Customer" name in the PLOTCLIENT Web Admin does not reflect in the Job Editor of PLOTBASE.	"Customer" name has been reflected correctly in the Job Editor of PLOTBASE.
OSDG-0015	HDI/ADI Driver	AutoCAD 2002 is omitted from the About dialog" of HDI driver.	AutoCAD 2002 is added as supported application in the About dialog.
OSDG-0018	PLOTBASE	The Pen number mismatch of [Calcomp] tab and the Alert dialog title.	Same Pen number appears in the [Calcomp] tab and the Alert dialog title.
OSDG-0019	PLOTBASE	If entering an invalid value in the degree option of [Stamp Editor], close the error dialog with Enter key. After that, the error dialog appears even if entering valid value in the degree option of [Stamp Editor].	Problem fixed.
OSDQ-0021	WINPRINT	Image orientation of MS Visio drawing printed by WINPRINT appears wrong in File Viewer of PLOTBASE.	Problem fixed.
OSDG-0028	PLOTCLIEN T Web	When changing the unit on "Window measure" or "Border" options on PLOTCLIENT Web as follows, "Error on page" message occurs. "mm" -> "inch" "inch" -> "mm" "pixel" -> "inch"	Problem fixed.

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Bug No.	Application /Driver	Symptom	Solution/Workaround
		“pixel” -> “mm”	
OSDG-0030	PLOTCLIEN T Win, PLOTCLIEN T Web, HDI/ADI Driver, SCANTOOL	Format “Original” selected at clients changes to “Percent” at PLOTBASE.	Problem fixed.
OSDG-0033	PLOTBASE	Shortcut keys are disabled after error message disappeared in the [Font] tab of the [RW-470 PS Default] menu.	The functions of shortcut keys work fine.
OSDG-0038	PLOTBASE	Information on Main window and Job Info window are not the same.	Problem fixed.
OSDG-0039	WINPRINT	Printing MS Visio file with multiple pages, the job stops printing after printing out the first page.	MS Visio file that has more than one page is able to print out all pages with WINPRINT.
OSDG-0040	PLOTCLIEN T Mac	When printing 3 pages MS Word document from Mac, only 1 st page printed correctly. The 2 nd and 3 rd pages are printed blank.	Problem fixed.
OSDG-0042	WINPRINT	Extra or missing image is happened when printing a MS Visio file.	Problem fixed.
OSDG-0044	Mac PPD	Only cover page is printed out when sending a job from Mac OS 9.0 to PLOTBASE .	The cover page and the other pages are printed out.
OSDG-0046	HDI/ADI Driver	Error message must be prompted right after entering more than 81 characters to [printer name] box of [Option] tab.	The error message occurs correct timing.
OSDG-0048	SCANTOOL	In the “Digits:” text box at [General] tab of [Options...] dialog of [Setting] menu, after error message occurs, input data does not appear.	Problem fixed.

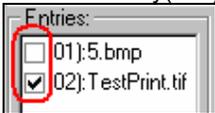
***** Changed features *****

Bug No.	Subject	Application /Driver	The features of version 3.01	The features of version 3.02
QAC-0056	Readme file	PLOTCLIEN T Win	1.While installation, there is a dialog to open Readme file. 2.There is Readme icon in the [Start] menu of OS. But it is not accessable.	1.The dialog to open Readme file does not appear. 2.Readme icon has been removed from the [Program] menu at the [Start] menu.
Field Request	File dialog	PLOTBASE, PLOTCLIEN T Win	File type of File open dialog is always “all TIFF files”.	The default value of file type is “All support files”. After changing the File type, the value of File type is the last setting.
Field Request	File dialog	PLOTBASE, PLOTCLIEN T Win	One current folder is used File open dialog of Add Entry and Insert Entry.	Each of Add Entry and Insert Entry has its own current folder.
Field Request	Added the option of the Job Flag Sheet	PLOTBASE	There is no selection of “Media source” at the Job Flag Sheet.	The additional selection of “Media source” of the Job Flag Sheet has been added.

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***** New features *****

Subject	Application /Driver	The features of version 3.02
Page order	PLOTBASE, PLOTCLIENT	<p>Change the order of pages to print. There are three options: e.g.) The output page order of five pages job.</p> <p style="text-align: center;">Page order</p> <p style="text-align: center;">Front Rear</p> <p>Auto(default value)</p> <p style="text-align: center;">1,2,3,4,5 5,4,3,2,1</p> <p>Standard</p> <p style="text-align: center;">1,2,3,4,5 1,2,3,4,5</p> <p>Reverse</p> <p style="text-align: center;">5,4,3,2,1 5,4,3,2,1</p>
Each entry has a checkbox for subset.	PLOTBASE, PLOTCLIENT	<p>Only selected entry(-ies) is (are) printed.</p> 
Locked Print	WINPRINT	The "Locked Print" function has become available with WINPRINT.
Check jobs before printing.	PLOTBASE	<p>Checks a job before starting to print. The checking points are the same as while printing. (For example, if the file type of entry is WMF, this file structure is supported one or not.)</p> <p>) As a result, the job including all printable entries is printed. If there is even one nonprintable entry is included, this job is not printed.</p> <p>When this function is enabled, start of printing a job will be delayed.</p>
Restart problem jobs	PLOTBASE	There is an additional menu item "Job -> Retry Jobs". This feature resets all jobs with status "problem" to ""pending" to retry these jobs.
AutoCAD support	PLOTBASE	AutoCAD 2002 is supported for direct DWG files printing.
Spool directory can edit manually.	PLOTBASE	"Spool Directory" text field is editable.
Multi reader	PLOTBASE	<p>PLOTBASE can have up to 60 spools due to system limitations.</p> <p>Each spool directory has its own directory.</p> <p>e.g.) Change the user interface for each user.</p>

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***** Revised points of the Manuals *****

In this table, the reference page is an example of the English version.

	Summary	RWPB30us.pdf	RWCLI30us.pdf	Notes
1	Windows XP has been added as supported OS of PLOTCLIENT.		P.2,7,11,12,69,74	
2	AutoCAD 2002 has been added as supported Application of HDI/ADI driver.	P.41,43,98,152,196	P.7,17,18,63,78	
3	The explanation of Spool paths has been added.		P.27	
4	The explanation of Page Order has been added.	P.87-88	P.34,73,76	
5	The minimum size of "bypass" tray has been added.(182mm x 149mm)	P.76	P.72,75,110	OSDG-0034
6	The explanation of Locked Print in WINPRINT has been added.		P.73,75,76	
7	The explanation of how to change Plotter name has been added.		P.91,92	
8	The explanation of "Multiple Reader" has been added.	P.61-65		New features
9	More detail explanation of "Quota" has been added.	P.65		
10	Printing starts when the "Spool Timeout" timer expires, even if PLOTBASE does not receive all of job data.	P.65-66		
11	The description of "check jobs before printing" function has been added.	P.66-67		New features
12	"Preparing data" status has been added in the explanation of "Job status".	P.78,83		
13	As for E-mail configuration, reference page has been added.	P.88-89		
14	The description of "Activate/deactivate entries" has been added.	P.96		New features
15	More detail explanation of "Stamp gradation" has been added.	P.107		
16	The description of "Restart problem jobs" has been added	P.130		New features
17	The description of "Spool directory ", "SSL subfolder" and "CFG subfolder" have been added.	P.197-P.202		New features
18	The description of "Account" and "Response" have been added.	P.69,P.199		

***** Remarks *****

Application	Description	Bug No.
PLOTBASE	Before printing the job that "Media Source" set on "roll", please check that a paper is not loaded in the bypass tray. If there is a paper in the bypass tray, "UnitInoperative" message appears in the Job History Window and the job becomes "problem" status. To print the job, remove the paper from the bypass tray, and change the job status from "problem" to "Pending".	OSDG-0043

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***** Version 3.01 *****

***** Resolved problems *****

Bug No.	Application /Driver	Symptom	Solution/Workaround
QAC-0046 RINC-0162 RINC-1032	PLOTBASE SCANTOOL	After changing the settings of "Configurations", selecting stamp causes PLOTBASE/SCANTOOL to close automatically with an Application error.	Problem fixed.
QAC-0057	Winprint	The "Quality" setting does not work correctly.	The "Quality" selection has been fixed.
QAC-0058 RINC-0169	PLOTCLIENT Web Admin	The "Help" function doesn't work.	The "Help" function works.
QAC-3015	SCANTOOL	If SCANTOOL is shot down while engine is waiting for scan document, the operation panel of engine isn't released.	The operation panel returns to Ready, before shutting down SCANTOOL.
RINC-1035	SCANTOOL	When you change [unit] to "inch" and enter a valid number in the "Border" text box of Job Editor, the alert appears as [unit] is "mm" .	When you change the [unit] of [Option] dialog, the message that confirm whether save the data or not appears. After that "Job Editor" closes and reopens automatically.
SEG-0001	Winprint	Winprint jobs appear as the full path file name in the "Job Name" of job list.	Only filenames are listed in the job list.
SEG-0004	PLOTCLIENT Win	After uninstalling PLOTCLIENT Win, ADI_HDI Driver does not work.	Uninstallation of PLOTCLIENT Win does not influence on ADI_HDI diver.
SEG-0005	PLOTCLIENT Win	The default font name isn't displayed in "Stamp Edit" on Win9x.	The default font name is shown in "Stamp Edit" on Win9x. This was also reported as FPR #RH02040004.
SEG-0006	PLOTCLIENT Web	There is a blank selection in the "Stamp position" pulldown list.	The "Middle Right" option in the "Stamp position" is now displayed. This was also reported as FPR #RH02040003.
SEG-0012	PLOTBASE	After replacing the controller board, new license cannot be installed.	Problem fixed.
SEG-0013	PLOTBASE	The "Expiration Date" format in [License Manager] is not in date format.	Problem fixed.
SEG-0014	Winprint	"Job Owner" of Win9x print jobs appears "NoUsername" in he PLOTBASE job list.	Win9x login user name appears on print jobs from Win9x Winprint.
SEG-0016	PLOTBASE	The Plotted Area value on accounting sheet is the area of image data on paper.	The Plotted Area value is the area of consumed paper.
SEG-0018	PLOTBASE	When [unit] is "mm", the paper size appears correctly at the [Format] area of [JobFlagSheet].	The paper size of all type of [unit] appears correctly at the [Format].
SEG-0021	PLOTBASE	Correct media type is not printed in the [JobFlagSheet].	Problem fixed.
SEG-0022	PLOTCLIENT Win	When opening the SSL file that media type is not set to the machine, application hangs up.	Problem fixed.
SEG-0024	SCANTOOL	Scan start position shifts to left from the	Problem fixed.

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Model: Dolphin		Date: 22-Aug-03	No.: RB010012c
Bug No.	Application /Driver	Symptom	Solution/Workaround
		edge of a document.	
SEG-0025	PLOTBASE	When executing a [Order by] command with incorrect date format, an Application error occurs.	Problem fixed.
SEG-0038	PLOTCLIENT Web	[help] button in the PLOTCLIENT Web page doesn't work.	[help] button is removed from Web page.
SEG-0045	Winprint	Even if user cancels Winprint installation, installer prompts user to restart the computer.	Problem fixed.
SEG-0056	PLOTBASE	There are garbled characters in [Product] area of [License Manager] dialog except English and German.	The items of [Product] list show correctly with all supported Languages.
SEG-2001	SCANTOOL	Originals with 30 inch width are detected as 24 inch.	It is a specification of the Engine. Workaround: Scan the data wider than the original size and clip the data to the size that you want. For more details, refer to the readme file. This was also reported with Field Test DB.

***** Changed features *****

Bug No.	Subject	Application /Driver	The features of version 3.00	The features of version 3.01
QAC-0010 SEG-0047	Language selected during the installation isn't used in applications.		Language selected during the installation isn't used in applications and language setting of the software is different between OS.	Language selected during the installation is used in applications.
QAC-0041	RSP file	PLOTBASE	"License Manager" doesn't recognize license file, which was downloaded from www.rspfiles.com ("license.zip.rsp")	"License Manager" can read both "license.rsp" and "license.zip.rsp".
RINC-0167	Installation of the Apache server		The installation process does not go background.	The Apache server can be installed as a background process.
QAC-0030	"Immediately" settings on Job Editor	PLOTBASE SCANTOOL	The "Immediately" priority is the same as "Normal".	The job that priority is "immediately" interrupts in the current job.
RINC-0034	The menu items of "Stamp Macro"	PLOTBASE PLOTCLIENT Win	The SSL-Macros is the sub-menu of [Macros].	The SSL-Macro menu is merged with [Macros].
SEG-0034 SEG-0035	"Text Color" function of stamp is changed the name to "Stamp gradation"	PLOTBASE PLOTCLIENT Win PLOTCLIENT Web	[stamp color text] function does not work.	Stamps have four different gray levels. (Black, Dark gray, Gray and Light gray) Please refer to the readme file.

Reissued: 24-Apr-06

Model: Dolphin	Date: 22-Aug-03	No.: RB010012c
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Bug No.	Subject	Application /Driver	The features of version 3.00	The features of version 3.01
QAC-0055	Checking of entry file type	PLOTCLIENT Web	Any file type can select at [Choose file] dialog.	If unsupported file type is selected, alert message is displayed.
RINC-0171	The range of border values	PLOTCLIENT Web	The range of border values is same for the all unit of measure.	The range of border values has changed depending on the unit. The range of border values is as follows. mm: 0-500 inch: 0-20 pixel: 0-12000 Please refer to the readme file.
QAC-0053	The character length of stamp macro that is beyond the paper size.	PLOTBASE	If the character length of stamp macro is longer than the plot image, the job is canceled automatically at [Job List].	Stamps that are larger than the plot image are clipped.
RINC-0175	The timing of sending "Response mail"		The "Response mail" sends all states of printing progress (Pending, Plotting, and OK).	The "Response mail" sends when job has finished. The number of "Response mail" is reduced to one.
RINC-0168	The date format in "Response mail"		The date format in "Response mail" isn't same the OS setting.	Style of date and time in e-mails is changed to the OS locale setting of PLOTBASE Server.
RINC-0170	The characters that aren't allowed to be used for "Job Name".	PLOTCLIENT PLOTCLIENT Web	The text field of "Job Name" cannot accept the hyphen character to make queue on PLOTBASE.	The text field of "Job Name" can accept the hyphen character. There are ten characters that aren't allowed at the "Job Name". \\ / : * ? " < > %
RINC-0181	The number of "Job Copies"	PLOTBASE PLOTCLIENT PLOTCLIENT Win	"Job Copies" in Job Editor accepts a number more than 999.	PLOTBASE : the value is changed to 999 automatically when entering a value over 999 PLOTCLIENT and PLOTCLIENT web : cannot enter a value greater than 999.
RINC-0065-1	The maximum number of "Copy count"	Winprint	The maximum number of "Copy count" is 99.	The maximum number of "Copy count" is 999, but there is a limitation as follows. If a number larger than 999 is set with Application, the number of output is 1 or 999. Please refer to the readme file.

Reissued: 24-Apr-06

Model: Dolphin	Date: 22-Aug-03	No.: RB010012c
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Bug No.	Subject	Application /Driver	The features of version 3.00	The features of version 3.01
RINC-0164	Default configuration files		Sometimes the Error message may occur when accessing the properties area of [Configuration] tab of PLOTBASE.	Installer copies the default configuration files(hpgl.hcf and calcomp.ccf) under the ... \program folder.
	NEW feature: Change the setting of unit	PLOTCLIENT Web		The [measure] item has been added on [edit job-parameter] page. You can select "mm" or "inch" as unit.

***** Revised points of the Manuals *****

In this table, the reference page is an example of the English version.

Summary	RWPB30us.pdf	RWCLI30us.pdf	RWTEC30us.pdf (not for User)	Bug No.
AMD "Athlon" processor has been added as supported CPU.	P17		P6	
The list of supported Mainboards has been added.			P5,6	
Wording: "Transparent" is changed to "Translucent".	P65,84,86,92,152	P33,34,41,69,71,85,106,108,129		QAC-0005
Wording: "inverse" is changed to "invert".	P56	P85		RINC-0121
The maximum border around the drawing has been changed from 500.00 mm to 499.99mm.	P85			SEG-0009
[Measure] item has "mm" and "inch" option.		P103		
The explanation of DWG file format has been added.	P40,42,90,143	P7,74	P16	

***** Remarks *****

Application	Description	Bug No.
PLOTCLIENT Win / PLOTBASE	The job that has "wait" priority is printed manually in the PLOTBASE job list. (Refer to the Manual of PLOTBASE.)	SEG-0023

Model: Dolphin-C1		Date: 31-Oct-06	No.: RB010015
Subject: Driver for Printer Controller RW-470 (Ver.3.3.1)		Prepared by: F.Noguchi	
From: 1st Tech. Support Sec. Service Support 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 type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other ()	

Other changes:

Supports the following drivers for Printer Controller RW-470 (ver.3.3.1):

- Plotclient HDI driver (ACAD2007)
- Windows XP (64bit) Winprint driver: 300dpi
- Windows XP (64bit) Winprint driver: 600dpi

Reissued: 22-May-07

Model: Dolphin	Date: 22-Aug-03	No.: RB010012d
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RTB Reissue

Version 3.6SP3(3.6.037) has been released.

Subject: Release note for Dolphin-C1 (RW-470W) Controller		Prepared by: F.Noguchi	
From: 2nd Tech Support Sec. Service Support 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 ()		

This is the release note for Dolphin-C1 (RW-470W) Controller.

Part Number	G0678500	RTB
Version	Suffix	Issue date
3.01	A	22-Aug-03
3.02	B	22-Aug-03
3.1	C	22-Aug-03
3.3	D	21-Dec-04
3.3.1	E	24-Apr-06
3.6SP3(3.6.037)	F	22-May-07

< Version 3.6SP (3.6.037) >

Specification updates

- 1) AutoCAD2007 support

Upgrade Procedure From Ver.3.6 to Ver.3.6SP3 (3.6.037)

Please refer to the instructions that appear on the screen after you begin the upgrade procedure.

***** Version 3.3.1 *****

***** New features *****

Subject	Application/Driver	The features of version 3.3
AutoCD2006	PLOTBASE, HDI Driver,	AutoCAD 2006 was added as a supported Application of the HDI driver.
PDF Direct print	SCANTOOL	PDF ver.1.5 was added.

Upgrade Procedure (From Ver.3.3 to Ver.3.3.1)

Please refer to the PDF file (attached with firmware)

Reissued: 22-May-07

Model: Dolphin	Date: 22-Aug-03	No.: RB010012d
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***** Version 3.3 *****

***** Resolved problems *****

Bug No.	Application/Driver	Symptom	Solution/Comment
	WINPRINT (PLOTBASE PC)	The name of Winprint contains a blank space. The name "RW-470 WP" cannot be used from PLOTCLIENT LPR.	The name has been changed from "RW-470 WP" to "RW-470WP."
	PLOTCLIENT Web	Cannot download the PPD file from clients.	This problem was resolved by RW-470 3.1 Service Packs.

***** Changed features *****

Bug No.	Subject	Application/Driver	The features of version 3.3	The features of version 3.1
	PS module update	PLOTBASE	8.14	8.00
	Margin settings	HDI Driver	The default margin is now 0. It enables customers to use the entire surface of each piece of paper.	The old default margin was about 5% of the paper size.
	RSP file name	PLOTBASE	The RSP file name has been changed to include the product name. e. g. RW-470-Serial number-ZIP.RSP	Old file name was Serial number-ZIP.RSP
	Letter size printing of Job Flag Sheet/Test page/Error sheet	PLOTBASE	Letter size can now be printed.	Only A4 could be printed.

***** New features *****

Subject	Application/Driver	The features of version 3.3
AutoCAD2005 support	PLOTBASE, HDI Driver,	AutoCAD 2005 is supported for direct DWG/DXF file printing. AutoCAD 2005 has been added as a supported Application of the HDI/ADI driver.
Mac X v10.3.x (Panther) support	PLOTCLIENT MAC	Mac X v10.3.x (Panther) client PC can print using PLOTCLIENT MAC.
"Wipeout" function support	PLOTBASE HDI Driver	"Wipeout" is a new function of AutoCAD 2004. The "Wipeout" area is now printed correctly using PLOTBASE.
Windows XP SP2 support.	PLOTBASE All clients	Can print in the Windows XP SP2 environment.
Custom paper size support	WINPRINT	Custom paper sizes are supported with WINPRINT.

Reissued: 22-May-07

Model: Dolphin	Date: 22-Aug-03	No.: RB010012d
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***** Revised points of the Manuals *****

Subject	Summary	Notes
Installation of Mac X v10.3.x (Panther)	Created PLOTBASE installation manual for Mac X v10.3.x (Panther)	
Locked Print for PLOTCLIENT MAC	PLOTCLIENT MAC doesn't support the "Locked Print" function. Therefore, the description was deleted.	

Reissued: 22-May-07

Model: Dolphin

Date: 22-Aug-03

No.: RB010012d

RW-470 Upgrade Procedure (From Ver.3.1 to Ver.3.3)

(1) How to upgrade from 3.1 to 3.3 on a server

Several components make up the RW-470 PLOTBASE.

Some of them are installed automatically by executing the setup of RW-470 PLOTBASE, others have to be installed manually from the "tools" directory.

In the case of updating from RW-470 PLOTBASE version 3.1 to 3.3, it is necessary to first uninstall version 3.1, but this cannot be done automatically in all cases and for all clients.

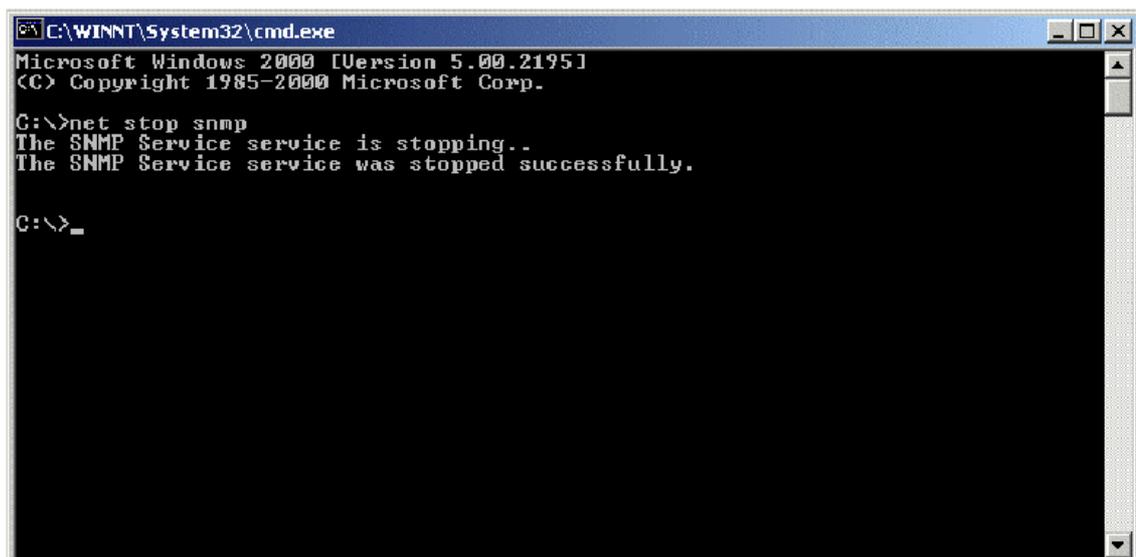
This document describes the necessary steps to uninstall those components that cannot be updated automatically by the RW-470 PLOTBASE setup of version 3.3.

Start update

1. Close all running applications.

Stop the Apache web server

2. Open the "Start" menu on the task bar.
3. Select "Run".
4. Type "cmd" into the text field and press the "Enter" button on the keyboard.
The DOS command box will open.
5. Type "net stop apache" and press the "Enter" button on the keyboard:



```
C:\WINNT\System32\cmd.exe
Microsoft Windows 2000 [Version 5.00.2195]
(C) Copyright 1985-2000 Microsoft Corp.

C:\>net stop snmp
The SNMP Service service is stopping..
The SNMP Service service was stopped successfully.

C:\>_
```

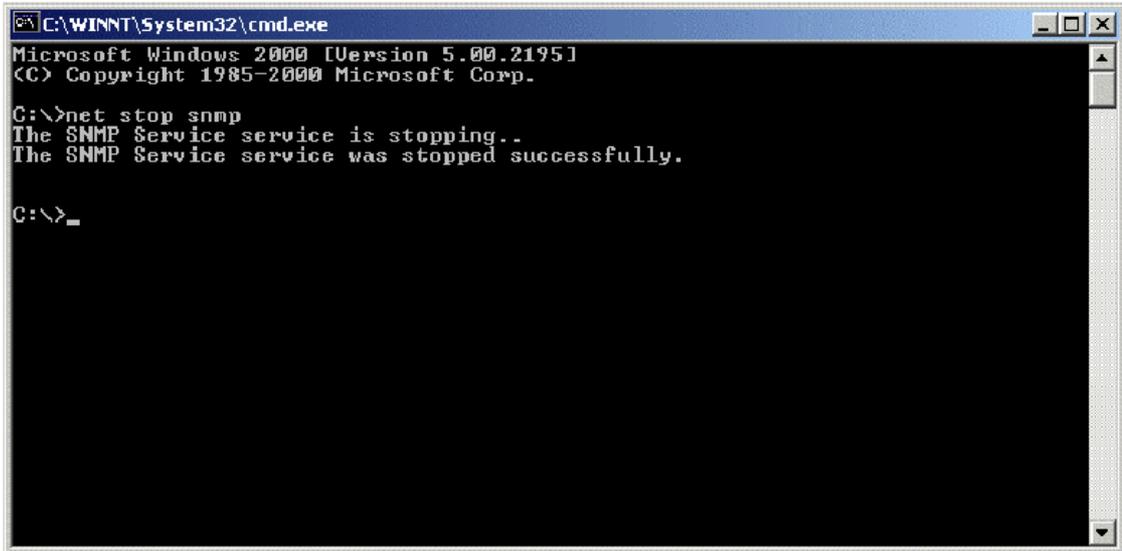
Stop the SNMP service

6. Open the "Start" menu on task bar.
7. Select "Run".

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8. Type "cmd" into the text field and press the "Enter" button on the keyboard.
The DOS command box will open.
9. Type "net stop snmp" and press the "Enter" button on the keyboard:



Uninstall the RW-470 PLOTBASE

10. Open the "Start" menu on the task bar.
11. Select "Settings".
12. Open the "Control Panel".
13. Double click "Add/Remove programs".
14. Select "RW-470" from the list of currently installed programs.
15. Click the "Remove" button and follow the steps.

Delete the remaining files and directories

16. Delete the directory c: Program Files\RW-470.
17. Delete the directory c:\spool.

Install RW-470 PLOTBASE (Version 3.3) on the Server

18. Read the instructions in the installation manual of RW-470 PLOTBASE version 3.3 and install RW-470 PLOTBASE version 3.3.

(2) On a client

Uninstall RW-470 PLOTCLIENT WIN

19. To make all new features available, it is recommended to uninstall RW-470 PLOTCLIENTWIN.
20. To do so, please follow the steps as described above in the "Uninstall RW-470 PLOTBASE" section.

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Uninstall RW-470 PLOTCLIENT HDI/ADI

21. Open a sample picture in your AutoCAD program.
22. Open "Plotter Manager" by selecting "File" > "Plotter Manager".
23. Select "RW-470 PLOTCLIENT HDI.pc3"(*).
24. Press the "Del" button on the keyboard to delete the file "RW-470 PLOTCLIENT HDI.pc3".
25. Close your AutoCAD program.
26. Open the "Start" menu on the task bar.
27. Select "Settings".
28. Open the "Control Panel".
29. Double click "Add/Remove programs".
30. Select "RW-470 PLOTCLIENT HDI" from the list of currently installed programs.
31. Click on the "Change/Remove" button and follow the steps.

*Default setting. What you select depends on your previous setting.

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Uninstall RW-470 WINPRINT

It is not necessary to uninstall RW-470 WINPRINT, as it will be updated automatically on server and client PC, by the setup procedure of version 3.3.

If, however, the RW-470 WINPRINT was not automatically updated by the setup of version 3.3, please start the RW-470 WINPRINT setup manually from the tools directory "C:\Program Files\RW-470\RW-470\tools" or from the CD that was shipped with the RW-470 Controller.

If uninstallation of RW-470 WINPRINT is necessary, the procedure is as follows:

32. Open the "Start" menu on the task bar.
33. Select "Settings".
34. Open "Printers".
35. Select "RW-470 WP"(*).
36. Press the "Del" button on the keyboard to delete the printer.

*Default setting. What you select depends on your previous setting.

Install the RW-470 CLIENTS (Version 3.3)

37. Read the instructions in the installation manual of RW-470 CLIENTS version 3.3 and install each program of RW-470 CLIENTS version 3.3.

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***** Version 3.1 *****

***** Resolved problems *****

Bug No.	Application /Driver	Symptom	Solution/Notes
	PLOTBASE	When the entry (file) name includes the symbol (#), printing of this file will stop and not be printed.	Problem fixed. When PLOTBASE encounters this character (#), it interprets it as the "escape" character.
	PLOTBASE	There was a problem with a file used for printing accounting information. The problem was that the titles were shifted.	This was also reported in FPR #RE02110026.
	SCANTOOL	Continuously executing the "Deskew" command, caused a memory overflow and thus forced Scantool to shut down.	This was also reported in FPR #RC03030010.
	WINPRINT	Cannot properly print out lines from Microsoft Visio Professional 2002 SR-1 [English] via Winprint.	This was also reported in FPR #RE03030020.
	WINPRINT	Missing data when printing from Excel (Office XP, Windows2000SP3) via Winprint.	This was also reported in FPR #RE03040006.

***** Changed features *****

Bug No.	Subject	Application /Driver	The features of version 3.02	The features of version 3.1
	Default brightness of Scantool	Scantool	The image in the preview is messier than the image in the editor.	Sharper image in preview.
	Acquire plotter status directly	PLOTCLIENT Win	When PLOTCLIENT/WIN designates the spool folder on the Spool PC instead of the PLOTBASE PC, it is impossible to monitor the status of the plotter on the Client directly.	It is possible to monitor the status of plotter at Client directly.
	Java Plug-in update	PLOTCLIENT Web	v1.3.1	v1.4.0
	Apache update	PLOTBASE	v1.3.9	v1.3.027

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***** New features *****

Subject	Application /Driver	The features of version 3.1
Scan File format PDF	SCANTOOL	Saving scanned image into PDF files. Scan a document and select "Save As" to save in PDF format.
Scan to Multipage PDF or TIFF	SCANTOOL	When scan documents sequentially, Scantool will create a PDF or a TIFF file with multiple pages.
"Custom Size" Scan is available	SCANTOOL	"Custom Size" scans can be created by inputting the lengths X and Y. In this case, "Custom Size" paper can be put in the middle of the scan feeder.
AutoCAD 2004 support	PLOTBASE, HDI Driver, Winprint	AutoCAD 2004 is supported for direct DWG file printing. AutoCAD 2004 has been added as supported Application of HDI/ADI driver and Winprint.

***** Revised points of the Manuals *****

In this table, the reference page is an example of the English version.

	Summary	Notes
1	The manuals have been revised fully. The new file names are RWPB31US.pdf, RWCLI31US.pdf, and RWTEC31US.pdf. The printed "Installation Manual" has been revised as well.	

***** Remarks *****

Application	Description	Bug No.
SCANTOOL	It is necessary to get a new copy of the RSP file for activating the Scan to PDF function. Please get the new RSP file via "www.rspfiles.com" and reinstall the RSP file in PLOTBASE.	OSDG-0043
PLOTBASE	When updating the PLOTBASE to v3.1, a clean install of the OS is required. (See the following steps.) 1. Format the HDD that the previous version of PLOTBASE was installed on. 2. Install the OS. Install PLOTBASE v3.1	

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*** Version 3.02 ***

*** Resolved problems ***

Bug No.	Application /Driver	Symptom	Solution/Workaround
	WINPRINT	WINPRINT does not print Gray Levels correctly.	This was also reported as FPR #RH02040002.
SEG-5001	WINPRINT	The description of Pop-up HELP is wrong.	This was also reported as FPR #RH02040004.
	PLOTBASE	The number '8' is filled in when drawing with "Fill Polygon" HPGL command.	Update vectorru.dll. This was also reported as FPR #RC02060004
QAC-0001	PLOTCLIENT Web Admin	When creating a new user with the same username that has already been deleted, the information of setting still remains.	Problem fixed.
QAC-0002	PLOTBASE	When printing "Job State=OK" job and "Job State=Lock Print" job together, "Job State=Lock Print" job is not printed due to failure in password verification. NG case:  OK case: 	Problem fixed.
OSDG-0006	PLOTCLIENT Web Admin	The user is not created without setting Password.	It is available to create user without setting of Password.Problem fixed.
OSDG-0009	PLOTCLIENT Web	When sending a file with stamp from PLOTCLIENT Web, the thickness of stamp is too light to see.	Problem fixed.
OSDG-0010	PLOTBASE	Editing the "Customer" name in the PLOTCLIENT Web Admin does not reflect in the Job Editor of PLOTBASE.	"Customer" name has been reflected correctly in the Job Editor of PLOTBASE.
OSDG-0015	HDI/ADI Driver	AutoCAD 2002 is omitted from the About dialog" of HDI driver.	AutoCAD 2002 is added as supported application in the About dialog.
OSDG-0018	PLOTBASE	The Pen number mismatch of [Calcomp] tab and the Alert dialog title.	Same Pen number appears in the [Calcomp] tab and the Alert dialog title.
OSDG-0019	PLOTBASE	If entering an invalid value in the degree option of [Stamp Editor], close the error dialog with Enter key. After that, the error dialog appears even if entering valid value in the degree option of [Stamp Editor].	Problem fixed.
OSDQ-0021	WINPRINT	Image orientation of MS Visio drawing printed by WINPRINT appears wrong in File Viewer of PLOTBASE.	Problem fixed.
OSDG-0028	PLOTCLIENT Web	When changing the unit on "Window measure" or "Border" options on PLOTCLIENT Web as follows, "Error on page" message occurs. "mm" -> "inch" "inch" -> "mm" "pixel" -> "inch"	Problem fixed.

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Bug No.	Application /Driver	Symptom	Solution/Workaround
		“pixel” -> “mm”	
OSDG-0030	PLOTCLIENT Win, PLOTCLIENT Web, HDI/ADI Driver, SCANTOOL	Format “Original” selected at clients changes to “Percent” at PLOTBASE.	Problem fixed.
OSDG-0033	PLOTBASE	Shortcut keys are disabled after error message disappeared in the [Font] tab of the [RW-470 PS Default] menu.	The functions of shortcut keys work fine.
OSDG-0038	PLOTBASE	Information on Main window and Job Info window are not the same.	Problem fixed.
OSDG-0039	WINPRINT	Printing MS Visio file with multiple pages, the job stops printing after printing out the first page.	MS Visio file that has more than one page is able to print out all pages with WINPRINT.
OSDG-0040	PLOTCLIENT Mac	When printing 3 pages MS Word document from Mac, only 1 st page printed correctly. The 2 nd and 3 rd pages are printed blank.	Problem fixed.
OSDG-0042	WINPRINT	Extra or missing image is happened when printing a MS Visio file.	Problem fixed.
OSDG-0044	Mac PPD	Only cover page is printed out when sending a job from Mac OS 9.0 to PLOTBASE .	The cover page and the other pages are printed out.
OSDG-0046	HDI/ADI Driver	Error message must be prompted right after entering more than 81 characters to [printer name] box of [Option] tab.	The error message occurs correct timing.
OSDG-0048	SCANTOOL	In the “Digits:” text box at [General] tab of [Options...] dialog of [Setting] menu, after error message occurs, input data does not appear.	Problem fixed.

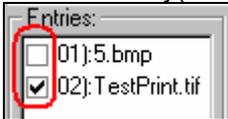
***** Changed features *****

Bug No.	Subject	Application /Driver	The features of version 3.01	The features of version 3.02
QAC-0056	Readme file	PLOTCLIENT Win	1.While installation, there is a dialog to open Readme file. 2.There is Readme icon in the [Start] menu of OS. But it is not accessable.	1.The dialog to open Readme file does not appear. 2.Readme icon has been removed from the [Program] menu at the [Start] menu.
Field Request	File dialog	PLOTBASE, PLOTCLIENT Win	File type of File open dialog is always “all TIFF files”.	The default value of file type is “All support files”. After changing the File type, the value of File type is the last setting.
Field Request	File dialog	PLOTBASE, PLOTCLIENT Win	One current folder is used File open dialog of Add Entry and Insert Entry.	Each of Add Entry and Insert Entry has its own current folder.
Field Request	Added the option of the Job Flag Sheet	PLOTBASE	There is no selection of “Media source” at the Job Flag Sheet.	The additional selection of “Media source” of the Job Flag Sheet has been added.

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***** New features *****

Subject	Application /Driver	The features of version 3.02
Page order	PLOTBASE, PLOTCLIENT	<p>Change the order of pages to print. There are three options: e.g.) The output page order of five pages job.</p> <p style="text-align: center;">Page order</p> <p style="text-align: center;">Front Rear</p> <p>Auto(default value)</p> <p style="text-align: center;">1,2,3,4,5 5,4,3,2,1</p> <p>Standard</p> <p style="text-align: center;">1,2,3,4,5 1,2,3,4,5</p> <p>Reverse</p> <p style="text-align: center;">5,4,3,2,1 5,4,3,2,1</p>
Each entry has a checkbox for subset.	PLOTBASE, PLOTCLIENT	<p>Only selected entry(-ies) is (are) printed.</p> 
Locked Print	WINPRINT	The "Locked Print" function has become available with WINPRINT.
Check jobs before printing.	PLOTBASE	<p>Checks a job before starting to print. The checking points are the same as while printing. (For example, if the file type of entry is WMF, this file structure is supported one or not.</p> <p>) As a result, the job including all printable entries is printed. If there is even one nonprintable entry is included, this job is not printed. When this function is enabled, start of printing a job will be delayed.</p>
Restart problem jobs	PLOTBASE	There is an additional menu item "Job -> Retry Jobs". This feature resets all jobs with status "problem" to "pending" to retry these jobs.
AutoCAD support	PLOTBASE	AutoCAD 2002 is supported for direct DWG files printing.
Spool directory can edit manually.	PLOTBASE	"Spool Directory" text field is editable.
Multi reader	PLOTBASE	<p>PLOTBASE can have up to 60 spools due to system limitations. Each spool directory has its own directory. e.g.) Change the user interface for each user.</p>

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Model: Dolphin	Date: 22-Aug-03	No.: RB010012d
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***** Revised points of the Manuals *****

In this table, the reference page is an example of the English version.

	Summary	RWPB30us.pdf	RWCLI30us.pdf	Notes
1	Windows XP has been added as supported OS of PLOTCLIENT.		P.2,7,11,12,69,74	
2	AutoCAD 2002 has been added as supported Application of HDI/ADI driver.	P.41,43,98,152,196	P.7,17,18,63,78	
3	The explanation of Spool paths has been added.		P.27	
4	The explanation of Page Order has been added.	P.87-88	P.34,73,76	
5	The minimum size of "bypass" tray has been added.(182mm x 149mm)	P.76	P.72,75,110	OSDG-0034
6	The explanation of Locked Print in WINPRINT has been added.		P.73,75,76	
7	The explanation of how to change Plotter name has been added.		P.91,92	
8	The explanation of "Multiple Reader" has been added.	P.61-65		New features
9	More detail explanation of "Quota" has been added.	P.65		
10	Printing starts when the "Spool Timeout" timer expires, even if PLOTBASE does not receive all of job data.	P.65-66		
11	The description of "check jobs before printing" function has been added.	P.66-67		New features
12	"Preparing data" status has been added in the explanation of "Job status".	P.78,83		
13	As for E-mail configuration, reference page has been added.	P.88-89		
14	The description of "Activate/deactivate entries" has been added.	P.96		New features
15	More detail explanation of "Stamp gradation" has been added.	P.107		
16	The description of "Restart problem jobs" has been added	P.130		New features
17	The description of "Spool directory ", "SSL subfolder" and "CFG subfolder" have been added.	P.197-P.202		New features
18	The description of "Account" and "Response" have been added.	P.69,P.199		

***** Remarks *****

Application	Description	Bug No.
PLOTBASE	Before printing the job that "Media Source" set on "roll", please check that a paper is not loaded in the bypass tray. If there is a paper in the bypass tray, "UnitInoperative" message appears in the Job History Window and the job becomes "problem" status. To print the job, remove the paper from the bypass tray, and change the job status from "problem" to "Pending".	OSDG-0043

Reissued: 22-May-07

Model: Dolphin	Date: 22-Aug-03	No.: RB010012d
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***** Version 3.01 *****

***** Resolved problems *****

Bug No.	Application /Driver	Symptom	Solution/Workaround
QAC-0046 RINC-0162 RINC-1032	PLOTBASE SCANTOOL	After changing the settings of "Configurations", selecting stamp causes PLOTBASE/SCANTOOL to close automatically with an Application error.	Problem fixed.
QAC-0057	Winprint	The "Quality" setting does not work correctly.	The "Quality" selection has been fixed.
QAC-0058 RINC-0169	PLOTCLIENT Web Admin	The "Help" function doesn't work.	The "Help" function works.
QAC-3015	SCANTOOL	If SCANTOOL is shot down while engine is waiting for scan document, the operation panel of engine isn't released.	The operation panel returns to Ready, before shutting down SCANTOOL.
RINC-1035	SCANTOOL	When you change [unit] to "inch" and enter a valid number in the "Border" text box of Job Editor, the alert appears as [unit] is "mm" .	When you change the [unit] of [Option] dialog, the message that confirm whether save the data or not appears. After that "Job Editor" closes and reopens automatically.
SEG-0001	Winprint	Winprint jobs appear as the full path file name in the "Job Name" of job list.	Only filenames are listed in the job list.
SEG-0004	PLOTCLIENT Win	After uninstalling PLOTCLIENT Win, ADI_HDI Driver does not work.	Uninstallation of PLOTCLIENT Win does not influence on ADI_HDI diver.
SEG-0005	PLOTCLIENT Win	The default font name isn't displayed in "Stamp Edit" on Win9x.	The default font name is shown in "Stamp Edit" on Win9x. This was also reported as FPR #RH02040004.
SEG-0006	PLOTCLIENT Web	There is a blank selection in the "Stamp position" pulldown list.	The "Middle Right" option in the "Stamp position" is now displayed. This was also reported as FPR #RH02040003.
SEG-0012	PLOTBASE	After replacing the controller board, new license cannot be installed.	Problem fixed.
SEG-0013	PLOTBASE	The "Expiration Date" format in [License Manager] is not in date format.	Problem fixed.
SEG-0014	Winprint	"Job Owner" of Win9x print jobs appears "NoUsername" in he PLOTBASE job list.	Win9x login user name appears on print jobs from Win9x Winprint.
SEG-0016	PLOTBASE	The Plotted Area value on accounting sheet is the area of image data on paper.	The Plotted Area value is the area of consumed paper.
SEG-0018	PLOTBASE	When [unit] is "mm", the paper size appears correctly at the [Format] area of [JobFlagSheet].	The paper size of all type of [unit] appears correctly at the [Format].
SEG-0021	PLOTBASE	Correct media type is not printed in the [JobFlagSheet].	Problem fixed.
SEG-0022	PLOTCLIENT Win	When opening the SSL file that media type is not set to the machine, application hangs up.	Problem fixed.
SEG-0024	SCANTOOL	Scan start position shifts to left from the	Problem fixed.

Reissued: 22-May-07

Model: Dolphin	Date: 22-Aug-03	No.: RB010012d
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Bug No.	Application /Driver	Symptom	Solution/Workaround
		edge of a document.	
SEG-0025	PLOTBASE	When executing a [Order by] command with incorrect date format, an Application error occurs.	Problem fixed.
SEG-0038	PLOTCLIENT Web	[help] button in the PLOTCLIENT Web page doesn't work.	[help] button is removed from Web page.
SEG-0045	Winprint	Even if user cancels Winprint installation, installer prompts user to restart the computer.	Problem fixed.
SEG-0056	PLOTBASE	There are garbled characters in [Product] area of [License Manager] dialog except English and German.	The items of [Product] list show correctly with all supported Languages.
SEG-2001	SCANTOOL	Originals with 30 inch width are detected as 24 inch.	It is a specification of the Engine. Workaround: Scan the data wider than the original size and clip the data to the size that you want. For more details, refer to the readme file. This was also reported with Field Test DB.

***** Changed features *****

Bug No.	Subject	Application /Driver	The features of version 3.00	The features of version 3.01
QAC-0010 SEG-0047	Language selected during the installation isn't used in applications.		Language selected during the installation isn't used in applications and language setting of the software is different between OS.	Language selected during the installation is used in applications.
QAC-0041	RSP file	PLOTBASE	"License Manager" doesn't recognize license file, which was downloaded from www.rspfiles.com ("license.zip.rsp")	"License Manager" can read both "license.rsp" and "license.zip.rsp".
RINC-0167	Installation of the Apache server		The installation process does not go background.	The Apache server can be installed as a background process.
QAC-0030	"Immediately" settings on Job Editor	PLOTBASE SCANTOOL	The "Immediately" priority is the same as "Normal" .	The job that priority is "immediately" interrupts in the current job.
RINC-0034	The menu items of "Stamp Macro"	PLOTBASE PLOTCLIENT Win	The SSL-Macros is the sub-menu of [Macros].	The SSL-Macro menu is merged with [Macros].
SEG-0034 SEG-0035	"Text Color" function of stamp is changed the name to "Stamp gradation"	PLOTBASE PLOTCLIENT Win PLOTCLIENT Web	[stamp color text] function does not work.	Stamps have four different gray levels. (Black, Dark gray, Gray and Light gray) Please refer to the readme file.

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Bug No.	Subject	Application /Driver	The features of version 3.00	The features of version 3.01
QAC-0055	Checking of entry file type	PLOTCLIENT Web	Any file type can select at [Choose file] dialog.	If unsupported file type is selected, alert message is displayed.
RINC-0171	The range of border values	PLOTCLIENT Web	The range of border values is same for the all unit of measure.	The range of border values has changed depending on the unit. The range of border values is as follows. mm: 0-500 inch: 0-20 pixel: 0-12000 Please refer to the readme file.
QAC-0053	The character length of stamp macro that is beyond the paper size.	PLOTBASE	If the character length of stamp macro is longer than the plot image, the job is canceled automatically at [Job List].	Stamps that are larger than the plot image are clipped.
RINC-0175	The timing of sending "Response mail"		The "Response mail" sends all states of printing progress (Pending, Plotting, and OK).	The "Response mail" sends when job has finished. The number of "Response mail" is reduced to one.
RINC-0168	The date format in "Response mail"		The date format in "Response mail" isn't same the OS setting.	Style of date and time in e-mails is changed to the OS locale setting of PLOTBASE Server.
RINC-0170	The characters that aren't allowed to be used for "Job Name".	PLOTCLIENT PLOTCLIENT Web	The text field of "Job Name" cannot accept the hyphen character to make queue on PLOTBASE.	The text field of "Job Name" can accept the hyphen character. There are ten characters that aren't allowed at the "Job Name". \\ / : * ? " < > %
RINC-0181	The number of "Job Copies"	PLOTBASE PLOTCLIENT PLOTCLIENT Win	"Job Copies" in Job Editor accepts a number more than 999.	PLOTBASE : the value is changed to 999 automatically when entering a value over 999 PLOTCLIENT and PLOTCLIENT web : cannot enter a value greater than 999.
RINC-0065-1	The maximum number of "Copy count"	Winprint	The maximum number of "Copy count" is 99.	The maximum number of "Copy count" is 999, but there is a limitation as follows. If a number larger than 999 is set with Application, the number of output is 1 or 999. Please refer to the readme file.

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Bug No.	Subject	Application /Driver	The features of version 3.00	The features of version 3.01
RINC-0164	Default configuration files		Sometimes the Error message may occur when accessing the properties area of [Configuration] tab of PLOTBASE.	Installer copies the default configuration files(hpgl.hcf and calcomp.ccf) under the ...program folder.
	NEW feature: Change the setting of unit	PLOTCLIENT Web		The [measure] item has been added on [edit job-parameter] page. You can select "mm" or "inch" as unit.

***** Revised points of the Manuals *****

In this table, the reference page is an example of the English version.

Summary	RWPB30us.pdf	RWCLI30us.pdf	RWTEC30us.pdf (not for User)	Bug No.
AMD "Athlon" processor has been added as supported CPU.	P17		P6	
The list of supported Mainboards has been added.			P5,6	
Wording: "Transparent" is changed to "Translucent".	P65,84,86,92,152	P33,34,41,69,71,85,106,108,129		QAC-0005
Wording: "inverse" is changed to "invert".	P56	P85		RINC-0121
The maximum border around the drawing has been changed from 500.00 mm to 499.99mm.	P85			SEG-0009
[Measure] item has "mm" and "inch" option.		P103		
The explanation of DWG file format has been added.	P40,42,90,143	P7,74	P16	

***** Remarks *****

Application	Description	Bug No.
PLOTCLIENT Win / PLOTBASE	The job that has "wait" priority is printed manually in the PLOTBASE job list. (Refer to the Manual of PLOTBASE.)	SEG-0023

Reissued: 06-Dec-07

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RTB Reissue

Version 3.7.1(3.7.110) has been released.

Subject: Release note for Dolphin-C1 (RW-470W) Controller		Prepared by: F.Noguchi	
From: 2nd Tech Support Sec. Service Support 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 ()		

This is the release note for Dolphin-C1 (RW-470) Controller.

Part Number	G0678500	RTB
Version	Suffix	Issue date
3.01	A	22-Aug-03
3.02	B	22-Aug-03
3.1	C	22-Aug-03
3.3	D	21-Dec-04
3.3.1	E	24-Apr-06
3.6SP3 (3.6.037)	F	22-May-07
3.7.1 (3.7.110)	G0678803	06-Dec-07

< Version 3.7.1 (3.7.110) >

1. Major features added:

1) Server side:

- **Support for MS Vista 32Bit**
- **Update to LibCAD2008**
- **Update Plotbase OLE to support ACAD up to ver.2008**

2) Client side:

- **PC/HDI support MS Vista 64Bit**
- **PC/HDI support ACAD up to ver.2008**
- **Help function for PC/WEB**
- **WINPRINT driver signed by Microsoft**

3) General:

- **Canceled support of Win95, Win98, WinMe for all clients on standard product.**
- **Update from elder versions is supported by update procedure as already known in elder versions.**
(Save jobs and settings => Uninstall old version => Install new version)

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- **Support for Adobe PDF up to version 1.6 by Adobe engine.**
Note: Know limitations from Plotbase version 3.7.1 also apply.

2. Installation

The update procedure is guided as by an additional tab at setup launcher.

The tab "Update previous version" appears if set up detects a previously installed version of RW-470 PLOTBASE.

Please note the following changes made to the installation procedure:

- 1) On Windows Vista systems, the kernel driver installation must be performed manually. This procedure was added to the manual.**
- 2) RSP file installation procedure: This is performed from inside the License Manager (Plotbase), after having installed Plotbase. (Up to the present, it was necessary to do this during the installation).**
- 3) After installing the HDI driver, it is necessary to perform the server name and spool folder settings manually (these are not done automatically by simply installing the HDI driver).**

3. Other

When Plotbase and AutoCAD2007SP2 are used together, even if it is a combination that is supported, "Not supported" is displayed.

However, this has no effect on machine operations or functions.

Recommendation: Please use Plotbase with AutoCAD2008.

< Version 3.6SP(3.6.037) >

Specification updates

- 1) AutoCAD2007 support

Upgrade Procedure (From Ver.3.6 to Ver.3.6SP3(3.6.037))

Please refer to install run.

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***** Version 3.3.1 *****

***** New features *****

Subject	Application/Driver	The features of version 3.3
AutoCD2006	PLOTBASE, HDI Driver,	AutoCAD 2006 was added as a supported Application of the HDI driver.
PDF Direct print	SCANTOOL	PDF ver.1.5 was added.

Upgrade Procedure (From Ver.3.3 to Ver.3.3.1)

Please refer to the PDF file (attached with firmware)

***** Version 3.3 *****

***** Resolved problems *****

Bug No.	Application/Driver	Symptom	Solution/Comment
	WINPRINT (PLOTBASE PC)	The name of Winprint contains a blank space. The name "RW-470 WP" cannot be used from PLOTCLIENT LPR.	The name has been changed from "RW-470 WP" to "RW-470WP."
	PLOTCLIENT Web	Cannot download the PPD file from clients.	This problem was resolved by RW-470 3.1 Service Packs.

***** Changed features *****

Bug No.	Subject	Application/Driver	The features of version 3.3	The features of version 3.1
	PS module update	PLOTBASE	8.14	8.00
	Margin settings	HDI Driver	The default margin is now 0. It enables customers to use the entire surface of each piece of paper.	The old default margin was about 5% of the paper size.
	RSP file name	PLOTBASE	The RSP file name has been changed to include the product name. e. g. RW-470-Serial number-ZIP.RSP	Old file name was Serial number-ZIP.RSP
	Letter size printing of Job Flag Sheet/Test page/Error sheet	PLOTBASE	Letter size can now be printed.	Only A4 could be printed.

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***** New features *****

Subject	Application/Driver	The features of version 3.3
AutoCAD2005 support	PLOTBASE, HDI Driver,	AutoCAD 2005 is supported for direct DWG/DXF file printing. AutoCAD 2005 has been added as a supported Application of the HDI/ADI driver.
Mac X v10.3.x (Panther) support	PLOTCLIENT MAC	Mac X v10.3.x (Panther) client PC can print using PLOTCLIENT MAC.
"Wipeout" function support	PLOTBASE HDI Driver	"Wipeout" is a new function of AutoCAD 2004. The "Wipeout" area is now printed correctly using PLOTBASE.
Windows XP SP2 support.	PLOTBASE All clients	Can print in the Windows XP SP2 environment.
Custom paper size support	WINPRINT	Custom paper sizes are supported with WINPRINT.

***** Revised points of the Manuals *****

Subject	Summary	Notes
Installation of Mac X v10.3.x (Panther)	Created PLOTBASE installation manual for Mac X v10.3.x (Panther)	
Locked Print for PLOTCLIENT MAC	PLOTCLIENT MAC doesn't support the "Locked Print" function. Therefore, the description was deleted.	

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RW-470 Upgrade Procedure (From Ver.3.1 to Ver.3.3)

(1) How to upgrade from 3.1 to 3.3 on a server

Several components make up the RW-470 PLOTBASE.

Some of them are installed automatically by executing the setup of RW-470 PLOTBASE, others have to be installed manually from the "tools" directory.

In the case of updating from RW-470 PLOTBASE version 3.1 to 3.3, it is necessary to first uninstall version 3.1, but this cannot be done automatically in all cases and for all clients.

This document describes the necessary steps to uninstall those components that cannot be updated automatically by the RW-470 PLOTBASE setup of version 3.3.

Start update

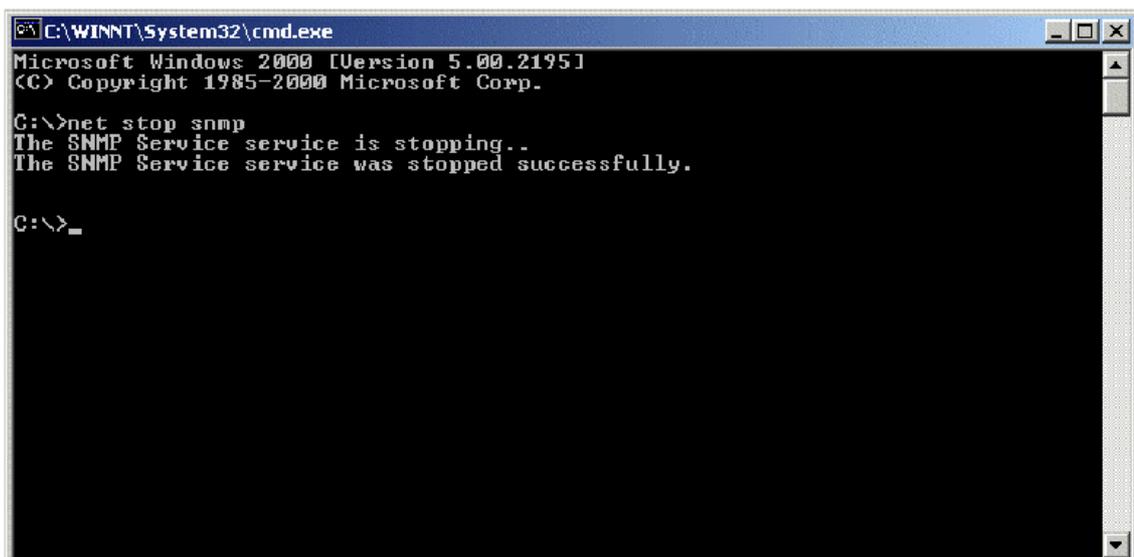
1. Close all running applications.

Stop the Apache web server

2. Open the "Start" menu on the task bar.
3. Select "Run".
4. Type "cmd" into the text field and press the "Enter" button on the keyboard.

The DOS command box will open.

5. Type "net stop apache" and press the "Enter" button on the keyboard:



```
C:\WINNT\System32\cmd.exe
Microsoft Windows 2000 [Version 5.00.2195]
(C) Copyright 1985-2000 Microsoft Corp.

C:\>net stop snmp
The SNMP Service service is stopping..
The SNMP Service service was stopped successfully.

C:\>_
```

Stop the SNMP service

6. Open the "Start" menu on task bar.
7. Select "Run".

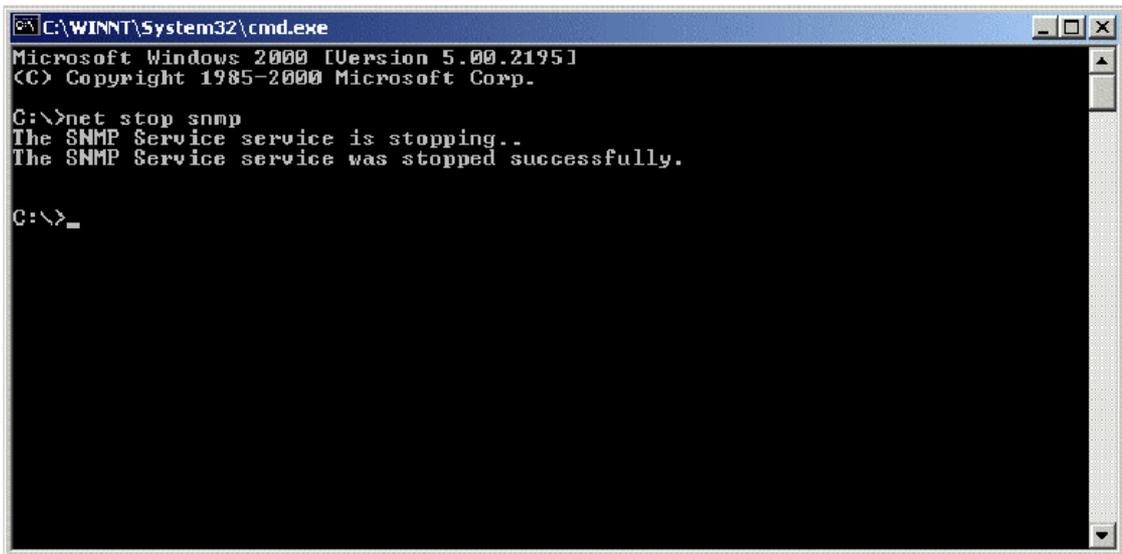
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8. Type "cmd" into the text field and press the "Enter" button on the keyboard.

The DOS command box will open.

9. Type "net stop snmp" and press the "Enter" button on the keyboard:



Uninstall the RW-470 PLOTBASE

10. Open the "Start" menu on the task bar.
11. Select "Settings".
12. Open the "Control Panel".
13. Double click "Add/Remove programs".
14. Select "RW-470" from the list of currently installed programs.
15. Click the "Remove" button and follow the steps.

Delete the remaining files and directories

16. Delete the directory c: Program Files\RW-470.
17. Delete the directory c:\spool.

Install RW-470 PLOTBASE (Version 3.3) on the Server

18. Read the instructions in the installation manual of RW-470 PLOTBASE version 3.3 and install RW-470 PLOTBASE version 3.3.

(2) On a client

Uninstall RW-470 PLOTCLIENT WIN

19. To make all new features available, it is recommended to uninstall RW-470 PLOTCLIENTWIN.
20. To do so, please follow the steps as described above in the "Uninstall RW-470 PLOTBASE" section.

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Uninstall RW-470 PLOTCLIENT HDI/ADI

21. Open a sample picture in your AutoCAD program.
22. Open "Plotter Manager" by selecting "File" > "Plotter Manager".
23. Select "RW-470 PLOTCLIENT HDI.pc3"(*).
24. Press the "Del" button on the keyboard to delete the file "RW-470 PLOTCLIENT HDI.pc3".
25. Close your AutoCAD program.
26. Open the "Start" menu on the task bar.
27. Select "Settings".
28. Open the "Control Panel".
29. Double click "Add/Remove programs".
30. Select "RW-470 PLOTCLIENT HDI" from the list of currently installed programs.
31. Click on the "Change/Remove" button and follow the steps.

*Default setting. What you select depends on your previous setting.

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Uninstall RW-470 WINPRINT

It is not necessary to uninstall RW-470 WINPRINT, as it will be updated automatically on server and client PC, by the setup procedure of version 3.3.

If, however, the RW-470 WINPRINT was not automatically updated by the setup of version 3.3, please start the RW-470 WINPRINT setup manually from the tools directory "C:\Program Files\RW-470\RW-470\tools" or from the CD that was shipped with the RW-470 Controller.

If uninstallation of RW-470 WINPRINT is necessary, the procedure is as follows:

32. Open the "Start" menu on the task bar.
33. Select "Settings".
34. Open "Printers".
35. Select "RW-470 WP"(*).
36. Press the "Del" button on the keyboard to delete the printer.

*Default setting. What you select depends on your previous setting.

Install the RW-470 CLIENTS (Version 3.3)

37. Read the instructions in the installation manual of RW-470 CLIENTS version 3.3 and install each program of RW-470 CLIENTS version 3.3.

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***** Version 3.1 *****

***** Resolved problems *****

Bug No.	Application /Driver	Symptom	Solution/Notes
	PLOTBASE	When the entry (file) name includes the symbol (#), printing of this file will stop and not be printed.	Problem fixed. When PLOTBASE encounters this character (#), it interprets it as the "escape" character.
	PLOTBASE	There was a problem with a file used for printing accounting information. The problem was that the titles were shifted.	This was also reported in FPR #RE02110026.
	SCANTOOL	Continuously executing the "Deskew" command, caused a memory overflow and thus forced Scantool to shut down.	This was also reported in FPR #RC03030010.
	WINPRINT	Cannot properly print out lines from Microsoft Visio Professional 2002 SR-1 [English] via Winprint.	This was also reported in FPR #RE03030020.
	WINPRINT	Missing data when printing from Excel (Office XP, Windows2000SP3) via Winprint.	This was also reported in FPR #RE03040006.

***** Changed features *****

Bug No.	Subject	Application /Driver	The features of version 3.02	The features of version 3.1
	Default brightness of Scantool	Scantool	The image in the preview is messier than the image in the editor.	Sharper image in preview.
	Acquire plotter status directly	PLOTCLIENT Win	When PLOTCLIENT/WIN designates the spool folder on the Spool PC instead of the PLOTBASE PC, it is impossible to monitor the status of the plotter on the Client directly.	It is possible to monitor the status of plotter at Client directly.
	Java Plug-in update	PLOTCLIENT Web	v1.3.1	v1.4.0
	Apache update	PLOTBASE	v1.3.9	v1.3.027

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***** New features *****

Subject	Application /Driver	The features of version 3.1
Scan File format PDF	SCANTOOL	Saving scanned image into PDF files. Scan a document and select "Save As" to save in PDF format.
Scan to Multipage PDF or TIFF	SCANTOOL	When scan documents sequentially, Scantool will create a PDF or a TIFF file with multiple pages.
"Custom Size" Scan is available	SCANTOOL	"Custom Size" scans can be created by inputting the lengths X and Y. In this case, "Custom Size" paper can be put in the middle of the scan feeder.
AutoCAD 2004 support	PLOTBASE, HDI Driver, Winprint	AutoCAD 2004 is supported for direct DWG file printing. AutoCAD 2004 has been added as supported Application of HDI/ADI driver and Winprint.

***** Revised points of the Manuals *****

In this table, the reference page is an example of the English version.

	Summary	Notes
1	The manuals have been revised fully. The new file names are RWPB31US.pdf, RWCLI31US.pdf, and RWTEC31US.pdf. The printed "Installation Manual" has been revised as well.	

***** Remarks *****

Application	Description	Bug No.
SCANTOOL	It is necessary to get a new copy of the RSP file for activating the Scan to PDF function. Please get the new RSP file via "www.rspfiles.com" and reinstall the RSP file in PLOTBASE.	OSDG-0043
PLOTBASE	When updating the PLOTBASE to v3.1, a clean install of the OS is required. (See the following steps.) 1. Format the HDD that the previous version of PLOTBASE was installed on. 2. Install the OS. Install PLOTBASE v3.1	

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*** Version 3.02 ***

*** Resolved problems ***

Bug No.	Application /Driver	Symptom	Solution/Workaround
	WINPRINT	WINPRINT does not print Gray Levels correctly.	This was also reported as FPR #RH02040002.
SEG-5001	WINPRINT	The description of Pop-up HELP is wrong.	This was also reported as FPR #RH02040004.
	PLOTBASE	The number '8' is filled in when drawing with "Fill Polygon" HPGL command.	Update vectorru.dll. This was also reported as FPR #RC02060004
QAC-0001	PLOTCLIENT Web Admin	When creating a new user with the same username that has already been deleted, the information of setting still remains.	Problem fixed.
QAC-0002	PLOTBASE	When printing "Job State=OK" job and "Job State=Lock Print" job together, "Job State=Lock Print" job is not printed due to failure in password verification. NG case:  OK case: 	Problem fixed.
OSDG-0006	PLOTCLIENT Web Admin	The user is not created without setting Password.	It is available to create user without setting of Password.Problem fixed.
OSDG-0009	PLOTCLIENT Web	When sending a file with stamp from PLOTCLIENT Web, the thickness of stamp is too light to see.	Problem fixed.
OSDG-0010	PLOTBASE	Editing the "Customer" name in the PLOTCLIENT Web Admin does not reflect in the Job Editor of PLOTBASE.	"Customer" name has been reflected correctly in the Job Editor of PLOTBASE.
OSDG-0015	HDI/ADI Driver	AutoCAD 2002 is omitted from the About dialog" of HDI driver.	AutoCAD 2002 is added as supported application in the About dialog.
OSDG-0018	PLOTBASE	The Pen number mismatch of [Calcomp] tab and the Alert dialog title.	Same Pen number appears in the [Calcomp] tab and the Alert dialog title.
OSDG-0019	PLOTBASE	If entering an invalid value in the degree option of [Stamp Editor], close the error dialog with Enter key. After that, the error dialog appears even if entering valid value in the degree option of [Stamp Editor].	Problem fixed.
OSDQ-0021	WINPRINT	Image orientation of MS Visio drawing printed by WINPRINT appears wrong in File Viewer of PLOTBASE.	Problem fixed.
OSDG-0028	PLOTCLIENT Web	When changing the unit on "Window measure" or "Border" options on PLOTCLIENT Web as follows, "Error on page" message occurs. "mm" -> "inch" "inch" -> "mm" "pixel" -> "inch"	Problem fixed.

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Bug No.	Application /Driver	Symptom	Solution/Workaround
		“pixel” -> “mm”	
OSDG-0030	PLOTCLIENT Win, PLOTCLIENT Web, HDI/ADI Driver, SCANTOOL	Format “Original” selected at clients changes to “Percent” at PLOTBASE.	Problem fixed.
OSDG-0033	PLOTBASE	Shortcut keys are disabled after error message disappeared in the [Font] tab of the [RW-470 PS Default] menu.	The functions of shortcut keys work fine.
OSDG-0038	PLOTBASE	Information on Main window and Job Info window are not the same.	Problem fixed.
OSDG-0039	WINPRINT	Printing MS Visio file with multiple pages, the job stops printing after printing out the first page.	MS Visio file that has more than one page is able to print out all pages with WINPRINT.
OSDG-0040	PLOTCLIENT Mac	When printing 3 pages MS Word document from Mac, only 1 st page printed correctly. The 2 nd and 3 rd pages are printed blank.	Problem fixed.
OSDG-0042	WINPRINT	Extra or missing image is happened when printing a MS Visio file.	Problem fixed.
OSDG-0044	Mac PPD	Only cover page is printed out when sending a job from Mac OS 9.0 to PLOTBASE .	The cover page and the other pages are printed out.
OSDG-0046	HDI/ADI Driver	Error message must be prompted right after entering more than 81 characters to [printer name] box of [Option] tab.	The error message occurs correct timing.
OSDG-0048	SCANTOOL	In the “Digits:” text box at [General] tab of [Options...] dialog of [Setting] menu, after error message occurs, input data does not appear.	Problem fixed.

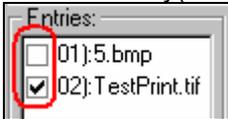
***** Changed features *****

Bug No.	Subject	Application /Driver	The features of version 3.01	The features of version 3.02
QAC-0056	Readme file	PLOTCLIENT Win	1.While installation, there is a dialog to open Readme file. 2.There is Readme icon in the [Start] menu of OS. But it is not accessable.	1.The dialog to open Readme file does not appear. 2.Readme icon has been removed from the [Program] menu at the [Start] menu.
Field Request	File dialog	PLOTBASE, PLOTCLIENT Win	File type of File open dialog is always “all TIFF files”.	The default value of file type is “All support files”. After changing the File type, the value of File type is the last setting.
Field Request	File dialog	PLOTBASE, PLOTCLIENT Win	One current folder is used File open dialog of Add Entry and Insert Entry.	Each of Add Entry and Insert Entry has its own current folder.
Field Request	Added the option of the Job Flag Sheet	PLOTBASE	There is no selection of “Media source” at the Job Flag Sheet.	The additional selection of “Media source” of the Job Flag Sheet has been added.

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***** New features *****

Subject	Application /Driver	The features of version 3.02
Page order	PLOTBASE, PLOTCLIENT	<p>Change the order of pages to print. There are three options: e.g.) The output page order of five pages job.</p> <p style="text-align: center;">Page order</p> <p style="text-align: center;">Front Rear</p> <p>Auto(default value)</p> <p style="text-align: center;">1,2,3,4,5 5,4,3,2,1</p> <p>Standard</p> <p style="text-align: center;">1,2,3,4,5 1,2,3,4,5</p> <p>Reverse</p> <p style="text-align: center;">5,4,3,2,1 5,4,3,2,1</p>
Each entry has a checkbox for subset.	PLOTBASE, PLOTCLIENT	<p>Only selected entry(-ies) is (are) printed.</p> 
Locked Print	WINPRINT	The "Locked Print" function has become available with WINPRINT.
Check jobs before printing.	PLOTBASE	<p>Checks a job before starting to print. The checking points are the same as while printing. (For example, if the file type of entry is WMF, this file structure is supported one or not.</p> <p>) As a result, the job including all printable entries is printed. If there is even one nonprintable entry is included, this job is not printed.</p> <p>When this function is enabled, start of printing a job will be delayed.</p>
Restart problem jobs	PLOTBASE	There is an additional menu item "Job -> Retry Jobs". This feature resets all jobs with status "problem" to ""pending" to retry these jobs.
AutoCAD support	PLOTBASE	AutoCAD 2002 is supported for direct DWG files printing.
Spool directory can edit manually.	PLOTBASE	"Spool Directory" text field is editable.
Multi reader	PLOTBASE	<p>PLOTBASE can have up to 60 spools due to system limitations.</p> <p>Each spool directory has its own directory.</p> <p>e.g.) Change the user interface for each user.</p>

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***** Revised points of the Manuals *****

In this table, the reference page is an example of the English version.

	Summary	RWPB30us.pdf	RWCLI30us.pdf	Notes
1	Windows XP has been added as supported OS of PLOTCLIENT.		P.2,7,11,12,69,74	
2	AutoCAD 2002 has been added as supported Application of HDI/ADI driver.	P.41,43,98,152,196	P.7,17,18,63,78	
3	The explanation of Spool paths has been added.		P.27	
4	The explanation of Page Order has been added.	P.87-88	P.34,73,76	
5	The minimum size of "bypass" tray has been added.(182mm x 149mm)	P.76	P.72,75,110	OSDG-0034
6	The explanation of Locked Print in WINPRINT has been added.		P.73,75,76	
7	The explanation of how to change Plotter name has been added.		P.91,92	
8	The explanation of "Multiple Reader" has been added.	P.61-65		New features
9	More detail explanation of "Quota" has been added.	P.65		
10	Printing starts when the "Spool Timeout" timer expires, even if PLOTBASE does not receive all of job data.	P.65-66		
11	The description of "check jobs before printing" function has been added.	P.66-67		New features
12	"Preparing data" status has been added in the explanation of "Job status".	P.78,83		
13	As for E-mail configuration, reference page has been added.	P.88-89		
14	The description of "Activate/deactivate entries" has been added.	P.96		New features
15	More detail explanation of "Stamp gradation" has been added.	P.107		
16	The description of "Restart problem jobs" has been added	P.130		New features
17	The description of "Spool directory ", "SSL subfolder" and "CFG subfolder" have been added.	P.197-P.202		New features
18	The description of "Account" and "Response" have been added.	P.69,P.199		

***** Remarks *****

Application	Description	Bug No.
PLOTBASE	Before printing the job that "Media Source" set on "roll", please check that a paper is not loaded in the bypass tray. If there is a paper in the bypass tray, "UnitInoperative" message appears in the Job History Window and the job becomes "problem" status. To print the job, remove the paper from the bypass tray, and change the job status from "problem" to "Pending".	OSDG-0043

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***** Version 3.01 *****

***** Resolved problems *****

Bug No.	Application /Driver	Symptom	Solution/Workaround
QAC-0046 RINC-0162 RINC-1032	PLOTBASE SCANTOOL	After changing the settings of "Configurations", selecting stamp causes PLOTBASE/SCANTOOL to close automatically with an Application error.	Problem fixed.
QAC-0057	Winprint	The "Quality" setting does not work correctly.	The "Quality" selection has been fixed.
QAC-0058 RINC-0169	PLOTCLIENT Web Admin	The "Help" function doesn't work.	The "Help" function works.
QAC-3015	SCANTOOL	If SCANTOOL is shot down while engine is waiting for scan document, the operation panel of engine isn't released.	The operation panel returns to Ready, before shutting down SCANTOOL.
RINC-1035	SCANTOOL	When you change [unit] to "inch" and enter a valid number in the "Border" text box of Job Editor, the alert appears as [unit] is "mm" .	When you change the [unit] of [Option] dialog, the message that confirm whether save the data or not appears. After that "Job Editor" closes and reopens automatically.
SEG-0001	Winprint	Winprint jobs appear as the full path file name in the "Job Name" of job list.	Only filenames are listed in the job list.
SEG-0004	PLOTCLIENT Win	After uninstalling PLOTCLIENT Win, ADI_HDI Driver does not work.	Uninstallation of PLOTCLIENT Win does not influence on ADI_HDI diver.
SEG-0005	PLOTCLIENT Win	The default font name isn't displayed in "Stamp Edit" on Win9x.	The default font name is shown in "Stamp Edit" on Win9x. This was also reported as FPR #RH02040004.
SEG-0006	PLOTCLIENT Web	There is a blank selection in the "Stamp position" pulldown list.	The "Middle Right" option in the "Stamp position" is now displayed. This was also reported as FPR #RH02040003.
SEG-0012	PLOTBASE	After replacing the controller board, new license cannot be installed.	Problem fixed.
SEG-0013	PLOTBASE	The "Expiration Date" format in [License Manager] is not in date format.	Problem fixed.
SEG-0014	Winprint	"Job Owner" of Win9x print jobs appears "NoUsername" in he PLOTBASE job list.	Win9x login user name appears on print jobs from Win9x Winprint.
SEG-0016	PLOTBASE	The Plotted Area value on accounting sheet is the area of image data on paper.	The Plotted Area value is the area of consumed paper.
SEG-0018	PLOTBASE	When [unit] is "mm", the paper size appears correctly at the [Format] area of [JobFlagSheet].	The paper size of all type of [unit] appears correctly at the [Format].
SEG-0021	PLOTBASE	Correct media type is not printed in the [JobFlagSheet].	Problem fixed.
SEG-0022	PLOTCLIENT Win	When opening the SSL file that media type is not set to the machine, application hangs up.	Problem fixed.
SEG-0024	SCANTOOL	Scan start position shifts to left from the	Problem fixed.

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Bug No.	Application /Driver	Symptom	Solution/Workaround
		edge of a document.	
SEG-0025	PLOTBASE	When executing a [Order by] command with incorrect date format, an Application error occurs.	Problem fixed.
SEG-0038	PLOTCLIENT Web	[help] button in the PLOTCLIENT Web page doesn't work.	[help] button is removed from Web page.
SEG-0045	Winprint	Even if user cancels Winprint installation, installer prompts user to restart the computer.	Problem fixed.
SEG-0056	PLOTBASE	There are garbled characters in [Product] area of [License Manager] dialog except English and German.	The items of [Product] list show correctly with all supported Languages.
SEG-2001	SCANTOOL	Originals with 30 inch width are detected as 24 inch.	It is a specification of the Engine. Workaround: Scan the data wider than the original size and clip the data to the size that you want. For more details, refer to the readme file. This was also reported with Field Test DB.

***** Changed features *****

Bug No.	Subject	Application /Driver	The features of version 3.00	The features of version 3.01
QAC-0010 SEG-0047	Language selected during the installation isn't used in applications.		Language selected during the installation isn't used in applications and language setting of the software is different between OS.	Language selected during the installation is used in applications.
QAC-0041	RSP file	PLOTBASE	"License Manager" doesn't recognize license file, which was downloaded from www.rspfiles.com . ("license.zip.rsp")	"License Manager" can read both "license.rsp" and "license.zip.rsp".
RINC-0167	Installation of the Apache server		The installation process does not go background.	The Apache server can be installed as a background process.
QAC-0030	"Immediately" settings on Job Editor	PLOTBASE SCANTOOL	The "Immediately" priority is the same as "Normal" .	The job that priority is "immediately" interrupts in the current job.
RINC-0034	The menu items of "Stamp Macro"	PLOTBASE PLOTCLIENT Win	The SSL-Macros is the sub-menu of [Macros].	The SSL-Macro menu is merged with [Macros].
SEG-0034 SEG-0035	"Text Color" function of stamp is changed the name to "Stamp gradation"	PLOTBASE PLOTCLIENT Win PLOTCLIENT Web	[stamp color text] function does not work.	Stamps have four different gray levels. (Black, Dark gray, Gray and Light gray) Please refer to the readme file.

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Bug No.	Subject	Application /Driver	The features of version 3.00	The features of version 3.01
QAC-0055	Checking of entry file type	PLOTCLIENT Web	Any file type can select at [Choose file] dialog.	If unsupported file type is selected, alert message is displayed.
RINC-0171	The range of border values	PLOTCLIENT Web	The range of border values is same for the all unit of measure.	The range of border values has changed depending on the unit. The range of border values is as follows. mm: 0-500 inch: 0-20 pixel: 0-12000 Please refer to the readme file.
QAC-0053	The character length of stamp macro that is beyond the paper size.	PLOTBASE	If the character length of stamp macro is longer than the plot image, the job is canceled automatically at [Job List].	Stamps that are larger than the plot image are clipped.
RINC-0175	The timing of sending "Response mail"		The "Response mail" sends all states of printing progress (Pending, Plotting, and OK).	The "Response mail" sends when job has finished. The number of "Response mail" is reduced to one.
RINC-0168	The date format in "Response mail"		The date format in "Response mail" isn't same the OS setting.	Style of date and time in e-mails is changed to the OS locale setting of PLOTBASE Server.
RINC-0170	The characters that aren't allowed to be used for "Job Name".	PLOTCLIENT PLOTCLIENT Web	The text field of "Job Name" cannot accept the hyphen character to make queue on PLOTBASE.	The text field of "Job Name" can accept the hyphen character. There are ten characters that aren't allowed at the "Job Name". \\ / : * ? " < > %
RINC-0181	The number of "Job Copies"	PLOTBASE PLOTCLIENT PLOTCLIENT Win	"Job Copies" in Job Editor accepts a number more than 999.	PLOTBASE : the value is changed to 999 automatically when entering a value over 999 PLOTCLIENT and PLOTCLIENT web : cannot enter a value greater than 999.
RINC-0065-1	The maximum number of "Copy count"	Winprint	The maximum number of "Copy count" is 99.	The maximum number of "Copy count" is 999, but there is a limitation as follows. If a number larger than 999 is set with Application, the number of output is 1 or 999. Please refer to the readme file.

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Bug No.	Subject	Application /Driver	The features of version 3.00	The features of version 3.01
RINC-0164	Default configuration files		Sometimes the Error message may occur when accessing the properties area of [Configuration] tab of PLOTBASE.	Installer copies the default configuration files(hpgl.hcf and calcomp.ccf) under the ...program folder.
	NEW feature: Change the setting of unit	PLOTCLIENT Web		The [measure] item has been added on [edit job-parameter] page. You can select "mm" or "inch" as unit.

***** Revised points of the Manuals *****

In this table, the reference page is an example of the English version.

Summary	RWPB30us.pdf	RWCLI30us.pdf	RWTEC30us.pdf (not for User)	Bug No.
AMD "Athlon" processor has been added as supported CPU.	P17		P6	
The list of supported Mainboards has been added.			P5,6	
Wording: "Transparent" is changed to "Translucent".	P65,84,86,92,152	P33,34,41,69,71,85,106,108,129		QAC-0005
Wording: "inverse" is changed to "invert".	P56	P85		RINC-0121
The maximum border around the drawing has been changed from 500.00 mm to 499.99mm.	P85			SEG-0009
[Measure] item has "mm" and "inch" option.		P103		
The explanation of DWG file format has been added.	P40,42,90,143	P7,74	P16	

***** Remarks *****

Application	Description	Bug No.
PLOTCLIENT Win / PLOTBASE	The job that has "wait" priority is printed manually in the PLOTBASE job list. (Refer to the Manual of PLOTBASE.)	SEG-0023

Reissued: 31-Jan-08

Model: Dolphin	Date: 22-Aug-03	No.: RB010012f
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RTB Reissue

The update procedure has been corrected.

Subject: Release note for Dolphin-C1 (RW-470W) Controller		Prepared by: F.Noguchi	
From: 2nd Tech Support Sec. Service Support 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 ()		

This is the release note for the Dolphin-C1 (RW-470) Controller.

Part Number	G0678500	RTB
Version	Suffix	Issue date
3.01	A	22-Aug-03
3.02	B	22-Aug-03
3.1	C	22-Aug-03
3.3	D	21-Dec-04
3.3.1	E	24-Apr-06
3.6SP3(3.6.037)	F	22-May-07
3.7.1(3.7.110)	G0678803	06-Dec-07

RW-470 Upgrade Procedure (From old version to new version)

(1) How to upgrade from an old version to a new version on a server

Several components make up the RW-470 PLOTBASE.

Some of them are installed automatically by executing the setup of RW-470 PLOTBASE, others have to be installed manually from the "tools" directory.

In the case of updating from RW-470 PLOTBASE old version to new version, it is necessary to first uninstall the old version, but this cannot be done automatically in all cases and for all clients.

This document describes the necessary steps to uninstall those components that cannot be updated automatically by the RW-470 PLOTBASE setup of a new version.

Start the update

1. Close all running applications.

Stop the Apache web server

2. Open the "Start" menu on the task bar.
3. Select "Run".
4. Type "cmd" into the text field and press the "Enter" button on the keyboard.

The DOS command box will open.

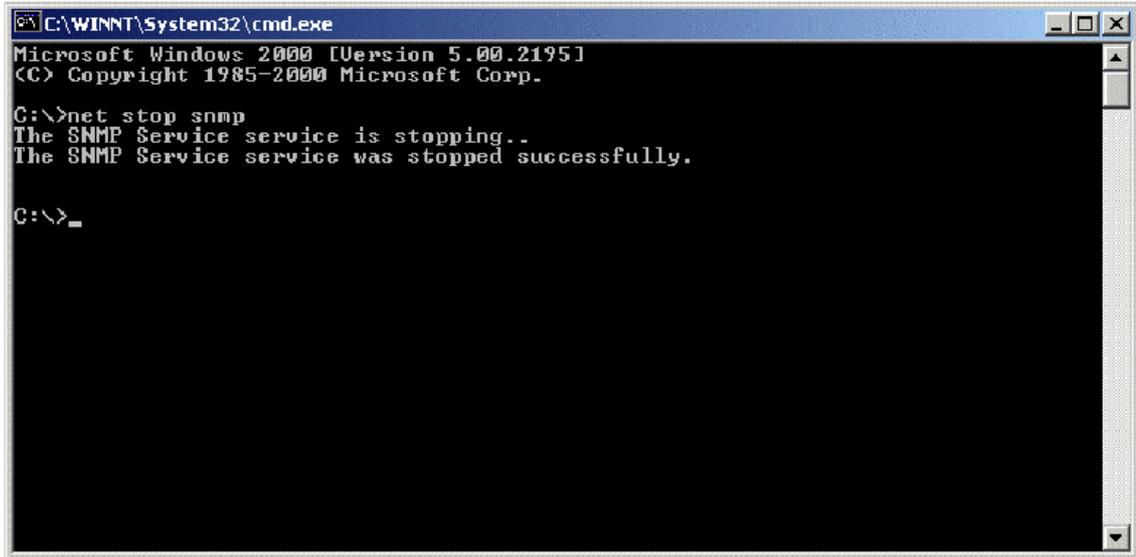
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5. Type "net stop apache" and press the "Enter" button on the keyboard:



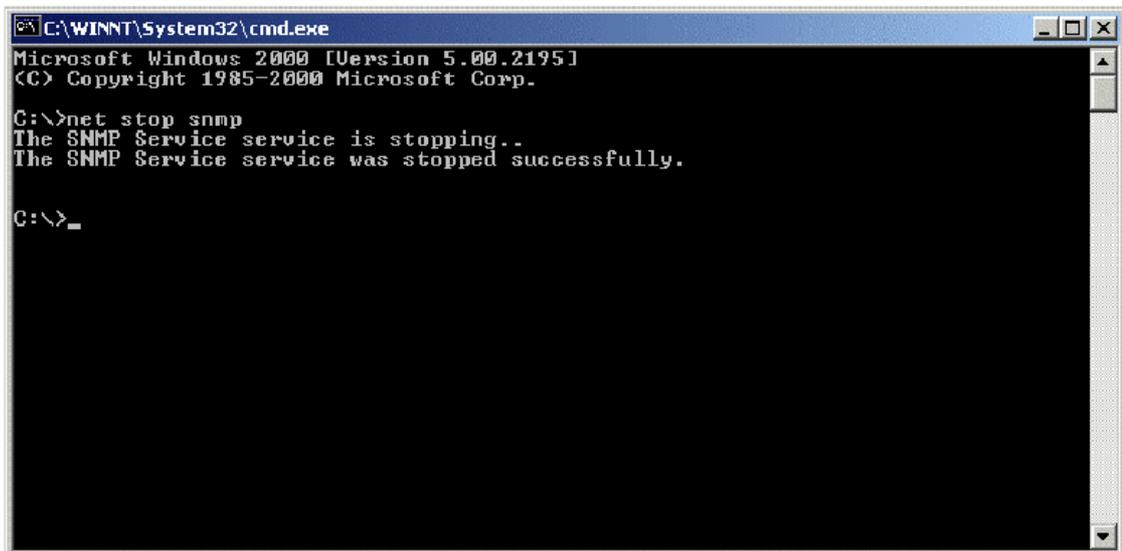
```
C:\WINNT\System32\cmd.exe
Microsoft Windows 2000 [Version 5.00.2195]
(C) Copyright 1985-2000 Microsoft Corp.

C:\>net stop snmp
The SNMP Service service is stopping..
The SNMP Service service was stopped successfully.

C:\>_
```

Stop the SNMP service

6. Open the "Start" menu on the task bar.
7. Select "Run".
8. Type "cmd" into the text field and press the "Enter" button on the keyboard.
The DOS command box will open.
9. Type "net stop snmp" and press the "Enter" button on the keyboard:



```
C:\WINNT\System32\cmd.exe
Microsoft Windows 2000 [Version 5.00.2195]
(C) Copyright 1985-2000 Microsoft Corp.

C:\>net stop snmp
The SNMP Service service is stopping..
The SNMP Service service was stopped successfully.

C:\>_
```

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Uninstall RW-470 PLOTBASE

10. Open the "Start" menu on the task bar.
11. Select "Settings".
12. Open the "Control Panel".
13. Double click "Add/Remove programs".
14. Select "RW-470" from the list of currently installed programs.
15. Click the "Remove" button and follow the steps.

Delete the remaining files and directories

16. Delete the directory c: Program Files\RW-470.
17. Delete the directory c:\spool.

Install RW-470 PLOTBASE (New version) on the Server

18. Read the instructions in the installation manual of the RW-470 PLOTBASE new version and install the RW-470 PLOTBASE new version.

(2) On a client**Uninstall RW-470 PLOTCLIENT WIN**

19. To make all new features available, it is recommended to uninstall RW-470 PLOTCLIENTWIN.
20. To do so, please follow the steps as described above in the "Uninstall RW-470 PLOTBASE" section.

Uninstall RW-470 PLOTCLIENT HDI/ADI

21. Open a sample picture in your AutoCAD program.
22. Open "Plotter Manager" by selecting "File" > "Plotter Manager".
23. Select "RW-470 PLOTCLIENT HDI.pc3"(*).
24. Press the "Del" button on the keyboard to delete the file "RW-470 PLOTCLIENT HDI.pc3".
25. Close your AutoCAD program.
26. Open the "Start" menu on the task bar.
27. Select "Settings".
28. Open the "Control Panel".
29. Double click "Add/Remove programs".
30. Select "RW-470 PLOTCLIENT HDI" from the list of currently installed programs.
31. Click the "Change/Remove" button and follow the steps.

*Default setting. What you select depends on your previous setting.

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Uninstall RW-470 WINPRINT

It is not necessary to uninstall RW-470 WINPRINT, as it will be updated automatically on server and client PC, by the setup procedure of the new version.

If, however, RW-470 WINPRINT was not automatically updated by the setup of the new version, please start the RW-470 WINPRINT setup manually from the tools directory "C:\Program Files\RW-470\RW-470\tools" or from the CD that was shipped with the RW-470 Controller.

If uninstallation of RW-470 WINPRINT is necessary, the procedure is as follows:

32. Open the "Start" menu on the task bar.
33. Select "Settings".
34. Open "Printers".
35. Select "RW-470 WP"(*).
36. Press the "Del" button on the keyboard to delete the printer.

*Default setting. What you select depends on your previous setting.

Install RW-470 CLIENTS (New version)

37. Read the instructions in the installation manual of the RW-470 CLIENTS new version and install each program of the RW-470 CLIENTS new version.

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< Version 3.7.1(3.7.110) >

1. Major features added:

1) Server side:

- Support for MS Vista 32Bit
- ~~Update to LibCAD2008~~ 
- Update Plotbase OLE to support ACAD up to ver.2008

2) Client side:

- PC/HDI support MS Vista 64Bit
- PC/HDI support ACAD up to ver.2008
- Help function for PC/WEB
- WINPRINT driver signed by Microsoft

3) General:

- Canceled support of Win95, Win98, WinMe for all clients on standard product.
- Update from elder versions is supported by update procedure as already known in elder versions.
(Save jobs and settings => Uninstall old version => Install new version)
- Support for Adobe PDF up to version 1.6 by Adobe engine.
Note: Know limitations from Plotbase version3.7.1 also apply.

2. Installation

Please refer to “RW-470 Upgrade Procedure (From old version to new version)”.

Please note the following changes made to the installation procedure:

- 1) On Windows Vista systems, the kernel driver installation must be performed manually. This procedure was added to the manual.
- 2) RSP file installation procedure: This is performed from inside the License Manager (Plotbase), after having installed Plotbase. (up to the present, it was necessary to do this during the installation).
- 3) After installing the HDI driver, it is necessary to perform the server name and spool folder settings manually (these are not done automatically by simply installing the HDI driver).

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3. Other

When Plotbase and AutoCAD2007SP2 are used together, even if it is a combination that is supported, "Not supported" is displayed.

However, this has no effect on machine operations or functions.

Recommendation:: Please use Plotbase with AutoCAD2008.

< Version 3.6SP(3.6.037) >

Specification updates

- 1) AutoCAD2007 support

Upgrade Procedure (From Ver.3.6 to Ver.3.6SP3 (3.6.037))

Please refer to "RW-470 Upgrade Procedure (From old version to new version)".

***** Version 3.3.1 *****

***** New features *****

Subject	Application/Driver	The features of version 3.3
AutoCD2006	PLOTBASE, HDI Driver,	AutoCAD 2006 was added as a supported Application of the HDI driver.
PDF Direct print	SCANTOOL	PDF ver.1.5 was added.

Upgrade Procedure (From Ver.3.3 to Ver.3.3.1)

Please refer to the PDF file (attached with firmware)

***** Version 3.3 *****

***** Resolved problems *****

Bug No.	Application/Driver	Symptom	Solution/Comment
	WINPRINT (PLOTBASE PC)	The name of Winprint contains a blank space. The name "RW-470 WP" cannot be used from PLOTCLIENT LPR.	The name has been changed from "RW-470 WP" to "RW-470WP."
	PLOTCLIENT Web	Cannot download the PPD file from clients.	This problem was resolved by RW-470 3.1 Service Packs.

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***** Changed features *****

Bug No.	Subject	Application/Driver	The features of version 3.3	The features of version 3.1
	PS module update	PLOTBASE	8.14	8.00
	Margin settings	HDI Driver	The default margin is now 0. It enables customers to use the entire surface of each piece of paper.	The old default margin was about 5% of the paper size.
	RSP file name	PLOTBASE	The RSP file name has been changed to include the product name. e. g. RW-470-Serial number-ZIP.RSP	Old file name was Serial number-ZIP.RSP
	Letter size printing of Job Flag Sheet/Test page/Error sheet	PLOTBASE	Letter size can now be printed.	Only A4 could be printed.

***** New features *****

Subject	Application/Driver	The features of version 3.3
AutoCAD2005 support	PLOTBASE, HDI Driver,	AutoCAD 2005 is supported for direct DWG/DXF file printing. AutoCAD 2005 has been added as a supported Application of the HDI/ADI driver.
Mac X v10.3.x (Panther) support	PLOTCLIENT MAC	Mac X v10.3.x (Panther) client PC can print using PLOTCLIENT MAC.
“Wipeout” function support	PLOTBASE HDI Driver	“Wipeout” is a new function of AutoCAD 2004. The “Wipeout” area is now printed correctly using PLOTBASE.
Windows XP SP2 support.	PLOTBASE All clients	Can print in the Windows XP SP2 environment.
Custom paper size support	WINPRINT	Custom paper sizes are supported with WINPRINT.

***** Revised points of the Manuals *****

Subject	Summary	Notes
Installation of Mac X v10.3.x (Panther)	Created PLOTBASE installation manual for Mac X v10.3.x (Panther)	
Locked Print for PLOTCLIENT MAC	PLOTCLIENT MAC doesn't support the “Locked Print” function. Therefore, the description was deleted.	

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***** Version 3.1 *****

***** Resolved problems *****

Bug No.	Application /Driver	Symptom	Solution/Notes
	PLOTBASE	When the entry (file) name includes the symbol (#), printing of this file will stop and not be printed.	Problem fixed. When PLOTBASE encounters this character (#), it interprets it as the "escape" character.
	PLOTBASE	There was a problem with a file used for printing accounting information. The problem was that the titles were shifted.	This was also reported in FPR #RE02110026.
	SCANTOOL	Continuously executing the "Deskew" command, caused a memory overflow and thus forced Scantool to shut down.	This was also reported in FPR #RC03030010.
	WINPRINT	Cannot properly print out lines from Microsoft Visio Professional 2002 SR-1 [English] via Winprint.	This was also reported in FPR #RE03030020.
	WINPRINT	Missing data when printing from Excel (Office XP, Windows2000SP3) via Winprint.	This was also reported in FPR #RE03040006.

***** Changed features *****

Bug No.	Subject	Application /Driver	The features of version 3.02	The features of version 3.1
	Default brightness of Scantool	Scantool	The image in the preview is messier than the image in the editor.	Sharper image in preview.
	Acquire plotter status directly	PLOTCLIENT Win	When PLOTCLIENT/WIN designates the spool folder on the Spool PC instead of the PLOTBASE PC, it is impossible to monitor the status of the plotter on the Client directly.	It is possible to monitor the status of plotter at Client directly.
	Java Plug-in update	PLOTCLIENT Web	v1.3.1	v1.4.0
	Apache update	PLOTBASE	v1.3.9	v1.3.027

Reissued: 31-Jan-08

Model: Dolphin	Date: 22-Aug-03	No.: RB010012f
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***** New features *****

Subject	Application /Driver	The features of version 3.1
Scan File format PDF	SCANTOOL	Saving scanned image into PDF files. Scan a document and select "Save As" to save in PDF format.
Scan to Multipage PDF or TIFF	SCANTOOL	When scan documents sequentially, Scantool will create a PDF or a TIFF file with multiple pages.
"Custom Size" Scan is available	SCANTOOL	"Custom Size" scans can be created by inputting the lengths X and Y. In this case, "Custom Size" paper can be put in the middle of the scan feeder.
AutoCAD 2004 support	PLOTBASE, HDI Driver, Winprint	AutoCAD 2004 is supported for direct DWG file printing. AutoCAD 2004 has been added as supported Application of HDI/ADI driver and Winprint.

***** Revised points of the Manuals *****

In this table, the reference page is an example of the English version.

	Summary	Notes
1	The manuals have been revised fully. The new file names are RWPB31US.pdf, RWCLI31US.pdf, and RWTEC31US.pdf. The printed "Installation Manual" has been revised as well.	

***** Remarks *****

Application	Description	Bug No.
SCANTOOL	It is necessary to get a new copy of the RSP file for activating the Scan to PDF function. Please get the new RSP file via "www.rspfiles.com" and reinstall the RSP file in PLOTBASE.	OSDG-0043
PLOTBASE	When updating the PLOTBASE to v3.1, a clean install of the OS is required. (See the following steps.) 1. Format the HDD that the previous version of PLOTBASE was installed on. 2. Install the OS. Install PLOTBASE v3.1	

Reissued: 31-Jan-08

Model: Dolphin	Date: 22-Aug-03	No.: RB010012f
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*** Version 3.02 ***

*** Resolved problems ***

Bug No.	Application /Driver	Symptom	Solution/Workaround
	WINPRINT	WINPRINT does not print Gray Levels correctly.	This was also reported as FPR #RH02040002.
SEG-5001	WINPRINT	The description of Pop-up HELP is wrong.	This was also reported as FPR #RH02040004.
	PLOTBASE	The number '8' is filled in when drawing with "Fill Polygon" HPGL command.	Update vectorru.dll. This was also reported as FPR #RC02060004
QAC-0001	PLOTCLIENT Web Admin	When creating a new user with the same username that has already been deleted, the information of setting still remains.	Problem fixed.
QAC-0002	PLOTBASE	When printing "Job State=OK" job and "Job State=Lock Print" job together, "Job State=Lock Print" job is not printed due to failure in password verification. NG case:  OK case: 	Problem fixed.
OSDG-0006	PLOTCLIENT Web Admin	The user is not created without setting Password.	It is available to create user without setting of Password.Problem fixed.
OSDG-0009	PLOTCLIENT Web	When sending a file with stamp from PLOTCLIENT Web, the thickness of stamp is too light to see.	Problem fixed.
OSDG-0010	PLOTBASE	Editing the "Customer" name in the PLOTCLIENT Web Admin does not reflect in the Job Editor of PLOTBASE.	"Customer" name has been reflected correctly in the Job Editor of PLOTBASE.
OSDG-0015	HDI/ADI Driver	AutoCAD 2002 is omitted from the About dialog" of HDI driver.	AutoCAD 2002 is added as supported application in the About dialog.
OSDG-0018	PLOTBASE	The Pen number mismatch of [Calcomp] tab and the Alert dialog title.	Same Pen number appears in the [Calcomp] tab and the Alert dialog title.
OSDG-0019	PLOTBASE	If entering an invalid value in the degree option of [Stamp Editor], close the error dialog with Enter key. After that, the error dialog appears even if entering valid value in the degree option of [Stamp Editor].	Problem fixed.
OSDQ-0021	WINPRINT	Image orientation of MS Visio drawing printed by WINPRINT appears wrong in File Viewer of PLOTBASE.	Problem fixed.
OSDG-0028	PLOTCLIENT Web	When changing the unit on "Window measure" or "Border" options on PLOTCLIENT Web as follows, "Error on page" message occurs. "mm" -> "inch" "inch" -> "mm" "pixel" -> "inch"	Problem fixed.

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Bug No.	Application /Driver	Symptom	Solution/Workaround
		“pixel” -> “mm”	
OSDG-0030	PLOTCLIENT Win, PLOTCLIENT Web, HDI/ADI Driver, SCANTOOL	Format “Original” selected at clients changes to “Percent” at PLOTBASE.	Problem fixed.
OSDG-0033	PLOTBASE	Shortcut keys are disabled after error message disappeared in the [Font] tab of the [RW-470 PS Default] menu.	The functions of shortcut keys work fine.
OSDG-0038	PLOTBASE	Information on Main window and Job Info window are not the same.	Problem fixed.
OSDG-0039	WINPRINT	Printing MS Visio file with multiple pages, the job stops printing after printing out the first page.	MS Visio file that has more than one page is able to print out all pages with WINPRINT.
OSDG-0040	PLOTCLIENT Mac	When printing 3 pages MS Word document from Mac, only 1 st page printed correctly. The 2 nd and 3 rd pages are printed blank.	Problem fixed.
OSDG-0042	WINPRINT	Extra or missing image is happened when printing a MS Visio file.	Problem fixed.
OSDG-0044	Mac PPD	Only cover page is printed out when sending a job from Mac OS 9.0 to PLOTBASE .	The cover page and the other pages are printed out.
OSDG-0046	HDI/ADI Driver	Error message must be prompted right after entering more than 81 characters to [printer name] box of [Option] tab.	The error message occurs correct timing.
OSDG-0048	SCANTOOL	In the “Digits:” text box at [General] tab of [Options...] dialog of [Setting] menu, after error message occurs, input data does not appear.	Problem fixed.

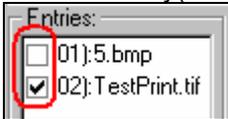
***** Changed features *****

Bug No.	Subject	Application /Driver	The features of version 3.01	The features of version 3.02
QAC-0056	Readme file	PLOTCLIENT Win	1.While installation, there is a dialog to open Readme file. 2.There is Readme icon in the [Start] menu of OS. But it is not accessable.	1.The dialog to open Readme file does not appear. 2.Readme icon has been removed from the [Program] menu at the [Start] menu.
Field Request	File dialog	PLOTBASE, PLOTCLIENT Win	File type of File open dialog is always “all TIFF files”.	The default value of file type is “All support files”. After changing the File type, the value of File type is the last setting.
Field Request	File dialog	PLOTBASE, PLOTCLIENT Win	One current folder is used File open dialog of Add Entry and Insert Entry.	Each of Add Entry and Insert Entry has its own current folder.
Field Request	Added the option of the Job Flag Sheet	PLOTBASE	There is no selection of “Media source” at the Job Flag Sheet.	The additional selection of “Media source” of the Job Flag Sheet has been added.

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***** New features *****

Subject	Application /Driver	The features of version 3.02
Page order	PLOTBASE, PLOTCLIENT	<p>Change the order of pages to print. There are three options: e.g.) The output page order of five pages job.</p> <p style="text-align: center;">Page order</p> <p style="text-align: center;">Front Rear</p> <p>Auto(default value)</p> <p style="text-align: center;">1,2,3,4,5 5,4,3,2,1</p> <p>Standard</p> <p style="text-align: center;">1,2,3,4,5 1,2,3,4,5</p> <p>Reverse</p> <p style="text-align: center;">5,4,3,2,1 5,4,3,2,1</p>
Each entry has a checkbox for subset.	PLOTBASE, PLOTCLIENT	<p>Only selected entry(-ies) is (are) printed.</p> 
Locked Print	WINPRINT	The "Locked Print" function has become available with WINPRINT.
Check jobs before printing.	PLOTBASE	<p>Checks a job before starting to print. The checking points are the same as while printing. (For example, if the file type of entry is WMF, this file structure is supported one or not.</p> <p>) As a result, the job including all printable entries is printed. If there is even one nonprintable entry is included, this job is not printed.</p> <p>When this function is enabled, start of printing a job will be delayed.</p>
Restart problem jobs	PLOTBASE	There is an additional menu item "Job -> Retry Jobs". This feature resets all jobs with status "problem" to "pending" to retry these jobs.
AutoCAD support	PLOTBASE	AutoCAD 2002 is supported for direct DWG files printing.
Spool directory can edit manually.	PLOTBASE	"Spool Directory" text field is editable.
Multi reader	PLOTBASE	<p>PLOTBASE can have up to 60 spools due to system limitations.</p> <p>Each spool directory has its own directory.</p> <p>e.g.) Change the user interface for each user.</p>

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Model: Dolphin	Date: 22-Aug-03	No.: RB010012f
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***** Revised points of the Manuals *****

In this table, the reference page is an example of the English version.

	Summary	RWPB30us.pdf	RWCLI30us.pdf	Notes
1	Windows XP has been added as supported OS of PLOTCLIENT.		P.2,7,11,12,69,74	
2	AutoCAD 2002 has been added as supported Application of HDI/ADI driver.	P.41,43,98,152,196	P.7,17,18,63,78	
3	The explanation of Spool paths has been added.		P.27	
4	The explanation of Page Order has been added.	P.87-88	P.34,73,76	
5	The minimum size of "bypass" tray has been added.(182mm x 149mm)	P.76	P.72,75,110	OSDG-0034
6	The explanation of Locked Print in WINPRINT has been added.		P.73,75,76	
7	The explanation of how to change Plotter name has been added.		P.91,92	
8	The explanation of "Multiple Reader" has been added.	P.61-65		New features
9	More detail explanation of "Quota" has been added.	P.65		
10	Printing starts when the "Spool Timeout" timer expires, even if PLOTBASE does not receive all of job data.	P.65-66		
11	The description of "check jobs before printing" function has been added.	P.66-67		New features
12	"Preparing data" status has been added in the explanation of "Job status".	P.78,83		
13	As for E-mail configuration, reference page has been added.	P.88-89		
14	The description of "Activate/deactivate entries" has been added.	P.96		New features
15	More detail explanation of "Stamp gradation" has been added.	P.107		
16	The description of "Restart problem jobs" has been added	P.130		New features
17	The description of "Spool directory ", "SSL subfolder" and "CFG subfolder" have been added.	P.197-P.202		New features
18	The description of "Account" and "Response" have been added.	P.69,P.199		

***** Remarks *****

Application	Description	Bug No.
PLOTBASE	Before printing the job that "Media Source" set on "roll", please check that a paper is not loaded in the bypass tray. If there is a paper in the bypass tray, "UnitInoperative" message appears in the Job History Window and the job becomes "problem" status. To print the job, remove the paper from the bypass tray, and change the job status from "problem" to "Pending".	OSDG-0043

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***** Version 3.01 *****

***** Resolved problems *****

Bug No.	Application /Driver	Symptom	Solution/Workaround
QAC-0046 RINC-0162 RINC-1032	PLOTBASE SCANTOOL	After changing the settings of "Configurations", selecting stamp causes PLOTBASE/SCANTOOL to close automatically with an Application error.	Problem fixed.
QAC-0057	Winprint	The "Quality" setting does not work correctly.	The "Quality" selection has been fixed.
QAC-0058 RINC-0169	PLOTCLIENT Web Admin	The "Help" function doesn't work.	The "Help" function works.
QAC-3015	SCANTOOL	If SCANTOOL is shot down while engine is waiting for scan document, the operation panel of engine isn't released.	The operation panel returns to Ready, before shutting down SCANTOOL.
RINC-1035	SCANTOOL	When you change [unit] to "inch" and enter a valid number in the "Border" text box of Job Editor, the alert appears as [unit] is "mm" .	When you change the [unit] of [Option] dialog, the message that confirm whether save the data or not appears. After that "Job Editor" closes and reopens automatically.
SEG-0001	Winprint	Winprint jobs appear as the full path file name in the "Job Name" of job list.	Only filenames are listed in the job list.
SEG-0004	PLOTCLIENT Win	After uninstalling PLOTCLIENT Win, ADI_HDI Driver does not work.	Uninstallation of PLOTCLIENT Win does not influence on ADI_HDI diver.
SEG-0005	PLOTCLIENT Win	The default font name isn't displayed in "Stamp Edit" on Win9x.	The default font name is shown in "Stamp Edit" on Win9x. This was also reported as FPR #RH02040004.
SEG-0006	PLOTCLIENT Web	There is a blank selection in the "Stamp position" pulldown list.	The "Middle Right" option in the "Stamp position" is now displayed. This was also reported as FPR #RH02040003.
SEG-0012	PLOTBASE	After replacing the controller board, new license cannot be installed.	Problem fixed.
SEG-0013	PLOTBASE	The "Expiration Date" format in [License Manager] is not in date format.	Problem fixed.
SEG-0014	Winprint	"Job Owner" of Win9x print jobs appears "NoUsername" in he PLOTBASE job list.	Win9x login user name appears on print jobs from Win9x Winprint.
SEG-0016	PLOTBASE	The Plotted Area value on accounting sheet is the area of image data on paper.	The Plotted Area value is the area of consumed paper.
SEG-0018	PLOTBASE	When [unit] is "mm", the paper size appears correctly at the [Format] area of [JobFlagSheet].	The paper size of all type of [unit] appears correctly at the [Format].
SEG-0021	PLOTBASE	Correct media type is not printed in the [JobFlagSheet].	Problem fixed.
SEG-0022	PLOTCLIENT Win	When opening the SSL file that media type is not set to the machine, application hangs up.	Problem fixed.
SEG-0024	SCANTOOL	Scan start position shifts to left from the	Problem fixed.

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Bug No.	Application /Driver	Symptom	Solution/Workaround
		edge of a document.	
SEG-0025	PLOTBASE	When executing a [Order by] command with incorrect date format, an Application error occurs.	Problem fixed.
SEG-0038	PLOTCLIENT Web	[help] button in the PLOTCLIENT Web page doesn't work.	[help] button is removed from Web page.
SEG-0045	Winprint	Even if user cancels Winprint installation, installer prompts user to restart the computer.	Problem fixed.
SEG-0056	PLOTBASE	There are garbled characters in [Product] area of [License Manager] dialog except English and German.	The items of [Product] list show correctly with all supported Languages.
SEG-2001	SCANTOOL	Originals with 30 inch width are detected as 24 inch.	It is a specification of the Engine. Workaround: Scan the data wider than the original size and clip the data to the size that you want. For more details, refer to the readme file. This was also reported with Field Test DB.

***** Changed features *****

Bug No.	Subject	Application /Driver	The features of version 3.00	The features of version 3.01
QAC-0010 SEG-0047	Language selected during the installation isn't used in applications.		Language selected during the installation isn't used in applications and language setting of the software is different between OS.	Language selected during the installation is used in applications.
QAC-0041	RSP file	PLOTBASE	"License Manager" doesn't recognize license file, which was downloaded from www.rspfiles.com ("license.zip.rsp")	"License Manager" can read both "license.rsp" and "license.zip.rsp".
RINC-0167	Installation of the Apache server		The installation process does not go background.	The Apache server can be installed as a background process.
QAC-0030	"Immediately" settings on Job Editor	PLOTBASE SCANTOOL	The "Immediately" priority is the same as "Normal" .	The job that priority is "immediately" interrupts in the current job.
RINC-0034	The menu items of "Stamp Macro"	PLOTBASE PLOTCLIENT Win	The SSL-Macros is the sub-menu of [Macros].	The SSL-Macro menu is merged with [Macros].
SEG-0034 SEG-0035	"Text Color" function of stamp is changed the name to "Stamp gradation"	PLOTBASE PLOTCLIENT Win PLOTCLIENT Web	[stamp color text] function does not work.	Stamps have four different gray levels. (Black, Dark gray, Gray and Light gray) Please refer to the readme file.

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Bug No.	Subject	Application /Driver	The features of version 3.00	The features of version 3.01
QAC-0055	Checking of entry file type	PLOTCLIENT Web	Any file type can select at [Choose file] dialog.	If unsupported file type is selected, alert message is displayed.
RINC-0171	The range of border values	PLOTCLIENT Web	The range of border values is same for the all unit of measure.	The range of border values has changed depending on the unit. The range of border values is as follows. mm: 0-500 inch: 0-20 pixel: 0-12000 Please refer to the readme file.
QAC-0053	The character length of stamp macro that is beyond the paper size.	PLOTBASE	If the character length of stamp macro is longer than the plot image, the job is canceled automatically at [Job List].	Stamps that are larger than the plot image are clipped.
RINC-0175	The timing of sending "Response mail"		The "Response mail" sends all states of printing progress (Pending, Plotting, and OK).	The "Response mail" sends when job has finished. The number of "Response mail" is reduced to one.
RINC-0168	The date format in "Response mail"		The date format in "Response mail" isn't same the OS setting.	Style of date and time in e-mails is changed to the OS locale setting of PLOTBASE Server.
RINC-0170	The characters that aren't allowed to be used for "Job Name".	PLOTCLIENT PLOTCLIENT Web	The text field of "Job Name" cannot accept the hyphen character to make queue on PLOTBASE.	The text field of "Job Name" can accept the hyphen character. There are ten characters that aren't allowed at the "Job Name". \\ / : * ? " < > %
RINC-0181	The number of "Job Copies"	PLOTBASE PLOTCLIENT PLOTCLIENT Win	"Job Copies" in Job Editor accepts a number more than 999.	PLOTBASE : the value is changed to 999 automatically when entering a value over 999 PLOTCLIENT and PLOTCLIENT web : cannot enter a value greater than 999.
RINC-0065-1	The maximum number of "Copy count"	Winprint	The maximum number of "Copy count" is 99.	The maximum number of "Copy count" is 999, but there is a limitation as follows. If a number larger than 999 is set with Application, the number of output is 1 or 999. Please refer to the readme file.

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Bug No.	Subject	Application /Driver	The features of version 3.00	The features of version 3.01
RINC-0164	Default configuration files		Sometimes the Error message may occur when accessing the properties area of [Configuration] tab of PLOTBASE.	Installer copies the default configuration files(hpgl.hcf and calcomp.ccf) under the ...program folder.
	NEW feature: Change the setting of unit	PLOTCLIENT Web		The [measure] item has been added on [edit job-parameter] page. You can select "mm" or "inch" as unit.

***** Revised points of the Manuals *****

In this table, the reference page is an example of the English version.

Summary	RWPB30us.pdf	RWCLI30us.pdf	RWTEC30us.pdf (not for User)	Bug No.
AMD "Athlon" processor has been added as supported CPU.	P17		P6	
The list of supported Mainboards has been added.			P5,6	
Wording: "Transparent" is changed to "Translucent".	P65,84,86,92,152	P33,34,41,69,71,85,106,108,129		QAC-0005
Wording: "inverse" is changed to "invert".	P56	P85		RINC-0121
The maximum border around the drawing has been changed from 500.00 mm to 499.99mm.	P85			SEG-0009
[Measure] item has "mm" and "inch" option.		P103		
The explanation of DWG file format has been added.	P40,42,90,143	P7,74	P16	

***** Remarks *****

Application	Description	Bug No.
PLOTCLIENT Win / PLOTBASE	The job that has "wait" priority is printed manually in the PLOTBASE job list. (Refer to the Manual of PLOTBASE.)	SEG-0023

Reissued: 12-Feb-08

Model: Dolphin	Date: 22-Aug-03	No.: RB010012g
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RTB Reissue

“Update to LibCAD” has been deleted from Major features of **Version 3.7.1(3.7.110)**.

Subject: Release note for Dolphin-C1 (RW-470W) Controller		Prepared by: F.Noguchi	
From: 2nd Tech Support Sec. Service Support 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 ()		

This is the release note for Dolphin-C1 (RW-470) Controller.

Part Number	G0678500	RTB
Version	Suffix	Issue date
3.01	A	22-Aug-03
3.02	B	22-Aug-03
3.1	C	22-Aug-03
3.3	D	21-Dec-04
3.3.1	E	24-Apr-06
3.6SP3(3.6.037)	F	22-May-07
3.7.1(3.7.110)	G0678803	06-Dec-07

RW-470 Upgrade Procedure (From old version to new version)

(1) How to upgrade from old version to new version on a server

Several components make up the RW-470 PLOTBASE.

Some of them are installed automatically by executing the setup of RW-470 PLOTBASE, others have to be installed manually from the "tools" directory.

In the case of updating from RW-470 PLOTBASE old version to new version, it is necessary to first uninstall old version, but this cannot be done automatically in all cases and for all clients.

This document describes the necessary steps to uninstall those components that cannot be updated automatically by the RW-470 PLOTBASE setup of new version.

Start update

1. Close all running applications.

Stop the Apache web server

2. Open the "Start" menu on the task bar.
3. Select "Run".
4. Type "cmd" into the text field and press the "Enter" button on the keyboard.

The DOS command box will open.

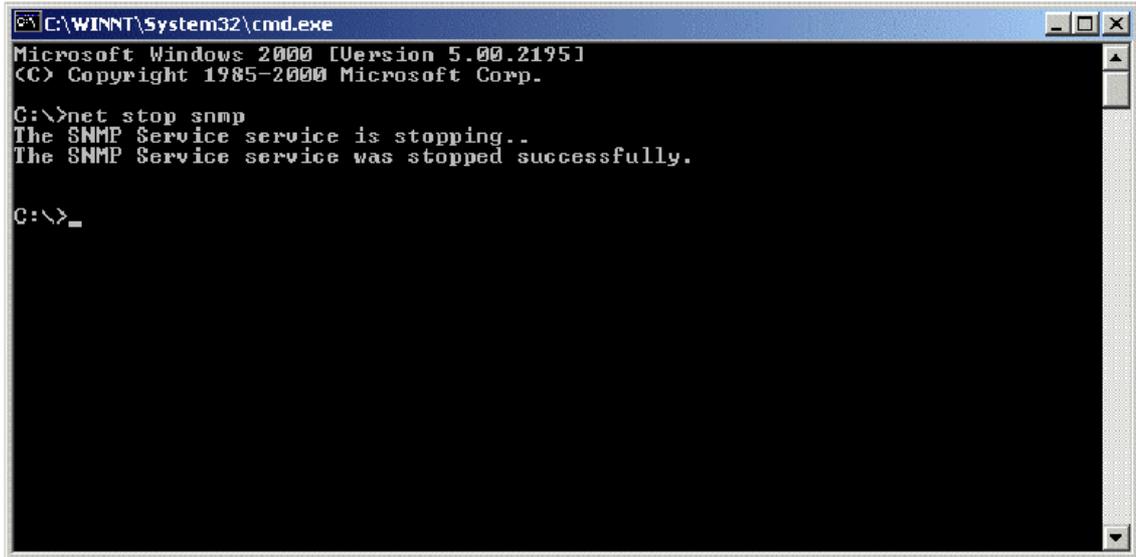
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5. Type "net stop apache" and press the "Enter" button on the keyboard:



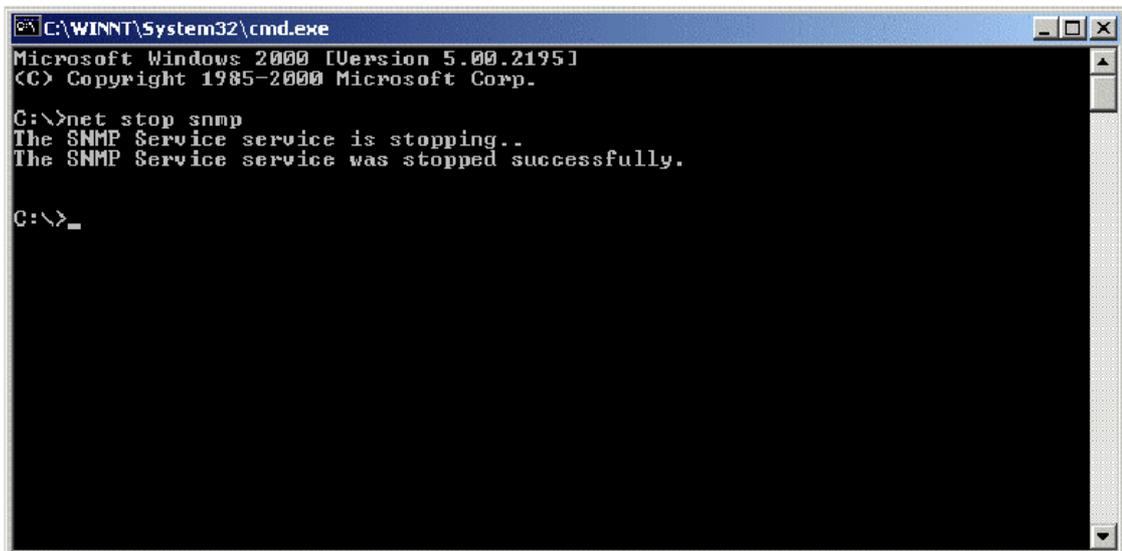
```
C:\WINNT\System32\cmd.exe
Microsoft Windows 2000 [Version 5.00.2195]
(C) Copyright 1985-2000 Microsoft Corp.

C:\>net stop snmp
The SNMP Service service is stopping..
The SNMP Service service was stopped successfully.

C:\>_
```

Stop the SNMP service

6. Open the "Start" menu on task bar.
7. Select "Run".
8. Type "cmd" into the text field and press the "Enter" button on the keyboard.
The DOS command box will open.
9. Type "net stop snmp" and press the "Enter" button on the keyboard:



```
C:\WINNT\System32\cmd.exe
Microsoft Windows 2000 [Version 5.00.2195]
(C) Copyright 1985-2000 Microsoft Corp.

C:\>net stop snmp
The SNMP Service service is stopping..
The SNMP Service service was stopped successfully.

C:\>_
```

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Uninstall the RW-470 PLOTBASE

10. Open the "Start" menu on the task bar.
11. Select "Settings".
12. Open the "Control Panel".
13. Double click "Add/Remove programs".
14. Select "RW-470" from the list of currently installed programs.
15. Click the "Remove" button and follow the steps.

Delete the remaining files and directories

16. Delete the directory c: Program Files\RW-470.
17. Delete the directory c:\spool.

Install RW-470 PLOTBASE (New version) on the Server

18. Read the instructions in the installation manual of RW-470 PLOTBASE new version and install RW-470 PLOTBASE new version.

(2) On a client**Uninstall RW-470 PLOTCLIENT WIN**

19. To make all new features available, it is recommended to uninstall RW-470 PLOTCLIENTWIN.
20. To do so, please follow the steps as described above in the "Uninstall RW-470 PLOTBASE" section.

Uninstall RW-470 PLOTCLIENT HDI/ADI

21. Open a sample picture in your AutoCAD program.
22. Open "Plotter Manager" by selecting "File" > "Plotter Manager".
23. Select "RW-470 PLOTCLIENT HDI.pc3"(*).
24. Press the "Del" button on the keyboard to delete the file "RW-470 PLOTCLIENT HDI.pc3".
25. Close your AutoCAD program.
26. Open the "Start" menu on the task bar.
27. Select "Settings".
28. Open the "Control Panel".
29. Double click "Add/Remove programs".
30. Select "RW-470 PLOTCLIENT HDI" from the list of currently installed programs.
31. Click on the "Change/Remove" button and follow the steps.

*Default setting. What you select depends on your previous setting.

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Uninstall RW-470 WINPRINT

It is not necessary to uninstall RW-470 WINPRINT, as it will be updated automatically on server and client PC, by the setup procedure of new version.

If, however, the RW-470 WINPRINT was not automatically updated by the setup of new version, please start the RW-470 WINPRINT setup manually from the tools directory "C:\Program Files\RW-470\RW-470\tools" or from the CD that was shipped with the RW-470 Controller.

If uninstallation of RW-470 WINPRINT is necessary, the procedure is as follows:

32. Open the "Start" menu on the task bar.
33. Select "Settings".
34. Open "Printers".
35. Select "RW-470 WP"(*).
36. Press the "Del" button on the keyboard to delete the printer.

*Default setting. What you select depends on your previous setting.

Install the RW-470 CLIENTS (New version)

37. Read the instructions in the installation manual of RW-470 CLIENTS new version and install each program of RW-470 CLIENTS new version.

Reissued: 12-Feb-08

Model: Dolphin

Date: 22-Aug-03

No.: RB010012g

< Version 3.7.1(3.7.110) >**1. Major features added:**

1) Server side:

- Support for MS Vista 32Bit
- Update Plotbase OLE to support ACAD up to ver.2008

2) Client side:

- PC/HDI support MS Vista 64Bit
- PC/HDI support ACAD up to ver.2008
- Help function for PC/WEB
- WINPRINT driver signed by Microsoft

3) General:

- Canceled support of Win95, Win98, WinMe for all clients on standard product.
- Update from elder versions is supported by update procedure as already known in elder versions.
(Save jobs and settings => Uninstall old version => Install new version)
- Support for Adobe PDF up to version 1.6 by Adobe engine.
Note: Know limitations from Plotbase version3.7.1 also apply.

2. Installation***Please refer to "RW-470 Upgrade Procedure (From old version to new version)".***

Please note the following changes made to the installation procedure:

- 1) On Windows Vista systems, the kernel driver installation must be performed manually. This procedure was added to the manual.
- 2) RSP file installation procedure: This is performed from inside the License Manager (Plotbase), after having installed Plotbase. (up to the present, it was necessary to do this during the installation).
- 3) After installing the HDI driver, it is necessary to perform the server name and spool folder settings manually (these are not done automatically by simply installing the HDI driver).

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3. Other

When Plotbase and AutoCAD2007SP2 are used together, even if it is a combination that is supported, "Not supported" is displayed.

However, this has no effect on machine operations or functions.

Recommendation:: Please use Plotbase with AutoCAD2008.

< Version 3.6SP(3.6.037) >

Specification updates

- 1) AutoCAD2007 support

Upgrade Procedure (From Ver.3.6 to Ver.3.6SP3(3.6.037)

Please refer to "RW-470 Upgrade Procedure (From old version to new version)".

***** Version 3.3.1 *****

***** New features *****

Subject	Application/Driver	The features of version 3.3
AutoCD2006	PLOTBASE, HDI Driver,	AutoCAD 2006 was added as a supported Application of the HDI driver.
PDF Direct print	SCANTOOL	PDF ver.1.5 was added.

Upgrade Procedure (From Ver.3.3 to Ver.3.3.1)

Please refer to the PDF file (attached with firmware)

***** Version 3.3 *****

***** Resolved problems *****

Bug No.	Application/Driver	Symptom	Solution/Comment
	WINPRINT (PLOTBASE PC)	The name of Winprint contains a blank space. The name "RW-470 WP" cannot be used from PLOTCLIENT LPR.	The name has been changed from "RW-470 WP" to "RW-470WP."
	PLOTCLIENT Web	Cannot download the PPD file from clients.	This problem was resolved by RW-470 3.1 Service Packs.

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***** Changed features *****

Bug No.	Subject	Application/Driver	The features of version 3.3	The features of version 3.1
	PS module update	PLOTBASE	8.14	8.00
	Margin settings	HDI Driver	The default margin is now 0. It enables customers to use the entire surface of each piece of paper.	The old default margin was about 5% of the paper size.
	RSP file name	PLOTBASE	The RSP file name has been changed to include the product name. e. g. RW-470-Serial number-ZIP.RSP	Old file name was Serial number-ZIP.RSP
	Letter size printing of Job Flag Sheet/Test page/Error sheet	PLOTBASE	Letter size can now be printed.	Only A4 could be printed.

***** New features *****

Subject	Application/Driver	The features of version 3.3
AutoCAD2005 support	PLOTBASE, HDI Driver,	AutoCAD 2005 is supported for direct DWG/DXF file printing. AutoCAD 2005 has been added as a supported Application of the HDI/ADI driver.
Mac X v10.3.x (Panther) support	PLOTCLIENT MAC	Mac X v10.3.x (Panther) client PC can print using PLOTCLIENT MAC.
"Wipeout" function support	PLOTBASE HDI Driver	"Wipeout" is a new function of AutoCAD 2004. The "Wipeout" area is now printed correctly using PLOTBASE.
Windows XP SP2 support.	PLOTBASE All clients	Can print in the Windows XP SP2 environment.
Custom paper size support	WINPRINT	Custom paper sizes are supported with WINPRINT.

***** Revised points of the Manuals *****

Subject	Summary	Notes
Installation of Mac X v10.3.x (Panther)	Created PLOTBASE installation manual for Mac X v10.3.x (Panther)	
Locked Print for PLOTCLIENT MAC	PLOTCLIENT MAC doesn't support the "Locked Print" function. Therefore, the description was deleted.	

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***** Version 3.1 *****

***** Resolved problems *****

Bug No.	Application /Driver	Symptom	Solution/Notes
	PLOTBASE	When the entry (file) name includes the symbol (#), printing of this file will stop and not be printed.	Problem fixed. When PLOTBASE encounters this character (#), it interprets it as the "escape" character.
	PLOTBASE	There was a problem with a file used for printing accounting information. The problem was that the titles were shifted.	This was also reported in FPR #RE02110026.
	SCANTOOL	Continuously executing the "Deskew" command, caused a memory overflow and thus forced Scantool to shut down.	This was also reported in FPR #RC03030010.
	WINPRINT	Cannot properly print out lines from Microsoft Visio Professional 2002 SR-1 [English] via Winprint.	This was also reported in FPR #RE03030020.
	WINPRINT	Missing data when printing from Excel (Office XP, Windows2000SP3) via Winprint.	This was also reported in FPR #RE03040006.

***** Changed features *****

Bug No.	Subject	Application /Driver	The features of version 3.02	The features of version 3.1
	Default brightness of Scantool	Scantool	The image in the preview is messier than the image in the editor.	Sharper image in preview.
	Acquire plotter status directly	PLOTCLIENT Win	When PLOTCLIENT/WIN designates the spool folder on the Spool PC instead of the PLOTBASE PC, it is impossible to monitor the status of the plotter on the Client directly.	It is possible to monitor the status of plotter at Client directly.
	Java Plug-in update	PLOTCLIENT Web	v1.3.1	v1.4.0
	Apache update	PLOTBASE	v1.3.9	v1.3.027

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***** New features *****

Subject	Application /Driver	The features of version 3.1
Scan File format PDF	SCANTOOL	Saving scanned image into PDF files. Scan a document and select "Save As" to save in PDF format.
Scan to Multipage PDF or TIFF	SCANTOOL	When scan documents sequentially, Scantool will create a PDF or a TIFF file with multiple pages.
"Custom Size" Scan is available	SCANTOOL	"Custom Size" scans can be created by inputting the lengths X and Y. In this case, "Custom Size" paper can be put in the middle of the scan feeder.
AutoCAD 2004 support	PLOTBASE, HDI Driver, Winprint	AutoCAD 2004 is supported for direct DWG file printing. AutoCAD 2004 has been added as supported Application of HDI/ADI driver and Winprint.

***** Revised points of the Manuals *****

In this table, the reference page is an example of the English version.

	Summary	Notes
1	The manuals have been revised fully. The new file names are RWPB31US.pdf, RWCLI31US.pdf, and RWTEC31US.pdf. The printed "Installation Manual" has been revised as well.	

***** Remarks *****

Application	Description	Bug No.
SCANTOOL	It is necessary to get a new copy of the RSP file for activating the Scan to PDF function. Please get the new RSP file via "www.rspfiles.com" and reinstall the RSP file in PLOTBASE.	OSDG-0043
PLOTBASE	When updating the PLOTBASE to v3.1, a clean install of the OS is required. (See the following steps.) 1. Format the HDD that the previous version of PLOTBASE was installed on. 2. Install the OS. Install PLOTBASE v3.1	

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*** Version 3.02 ***

*** Resolved problems ***

Bug No.	Application /Driver	Symptom	Solution/Workaround
	WINPRINT	WINPRINT does not print Gray Levels correctly.	This was also reported as FPR #RH02040002.
SEG-5001	WINPRINT	The description of Pop-up HELP is wrong.	This was also reported as FPR #RH02040004.
	PLOTBASE	The number '8' is filled in when drawing with "Fill Polygon" HPGL command.	Update vectorru.dll. This was also reported as FPR #RC02060004
QAC-0001	PLOTCLIENT Web Admin	When creating a new user with the same username that has already been deleted, the information of setting still remains.	Problem fixed.
QAC-0002	PLOTBASE	When printing "Job State=OK" job and "Job State=Lock Print" job together, "Job State=Lock Print" job is not printed due to failure in password verification. NG case:  OK case: 	Problem fixed.
OSDG-0006	PLOTCLIENT Web Admin	The user is not created without setting Password.	It is available to create user without setting of Password.Problem fixed.
OSDG-0009	PLOTCLIENT Web	When sending a file with stamp from PLOTCLIENT Web, the thickness of stamp is too light to see.	Problem fixed.
OSDG-0010	PLOTBASE	Editing the "Customer" name in the PLOTCLIENT Web Admin does not reflect in the Job Editor of PLOTBASE.	"Customer" name has been reflected correctly in the Job Editor of PLOTBASE.
OSDG-0015	HDI/ADI Driver	AutoCAD 2002 is omitted from the About dialog" of HDI driver.	AutoCAD 2002 is added as supported application in the About dialog.
OSDG-0018	PLOTBASE	The Pen number mismatch of [Calcomp] tab and the Alert dialog title.	Same Pen number appears in the [Calcomp] tab and the Alert dialog title.
OSDG-0019	PLOTBASE	If entering an invalid value in the degree option of [Stamp Editor], close the error dialog with Enter key. After that, the error dialog appears even if entering valid value in the degree option of [Stamp Editor].	Problem fixed.
OSDQ-0021	WINPRINT	Image orientation of MS Visio drawing printed by WINPRINT appears wrong in File Viewer of PLOTBASE.	Problem fixed.
OSDG-0028	PLOTCLIENT Web	When changing the unit on "Window measure" or "Border" options on PLOTCLIENT Web as follows, "Error on page" message occurs. "mm" -> "inch" "inch" -> "mm" "pixel" -> "inch"	Problem fixed.

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Bug No.	Application /Driver	Symptom	Solution/Workaround
		“pixel” -> “mm”	
OSDG-0030	PLOTCLIENT Win, PLOTCLIENT Web, HDI/ADI Driver, SCANTOOL	Format “Original” selected at clients changes to “Percent” at PLOTBASE.	Problem fixed.
OSDG-0033	PLOTBASE	Shortcut keys are disabled after error message disappeared in the [Font] tab of the [RW-470 PS Default] menu.	The functions of shortcut keys work fine.
OSDG-0038	PLOTBASE	Information on Main window and Job Info window are not the same.	Problem fixed.
OSDG-0039	WINPRINT	Printing MS Visio file with multiple pages, the job stops printing after printing out the first page.	MS Visio file that has more than one page is able to print out all pages with WINPRINT.
OSDG-0040	PLOTCLIENT Mac	When printing 3 pages MS Word document from Mac, only 1 st page printed correctly. The 2 nd and 3 rd pages are printed blank.	Problem fixed.
OSDG-0042	WINPRINT	Extra or missing image is happened when printing a MS Visio file.	Problem fixed.
OSDG-0044	Mac PPD	Only cover page is printed out when sending a job from Mac OS 9.0 to PLOTBASE .	The cover page and the other pages are printed out.
OSDG-0046	HDI/ADI Driver	Error message must be prompted right after entering more than 81 characters to [printer name] box of [Option] tab.	The error message occurs correct timing.
OSDG-0048	SCANTOOL	In the “Digits:” text box at [General] tab of [Options...] dialog of [Setting] menu, after error message occurs, input data does not appear.	Problem fixed.

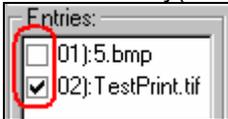
***** Changed features *****

Bug No.	Subject	Application /Driver	The features of version 3.01	The features of version 3.02
QAC-0056	Readme file	PLOTCLIENT Win	1.While installation, there is a dialog to open Readme file. 2.There is Readme icon in the [Start] menu of OS. But it is not accessable.	1.The dialog to open Readme file does not appear. 2.Readme icon has been removed from the [Program] menu at the [Start] menu.
Field Request	File dialog	PLOTBASE, PLOTCLIENT Win	File type of File open dialog is always “all TIFF files”.	The default value of file type is “All support files”. After changing the File type, the value of File type is the last setting.
Field Request	File dialog	PLOTBASE, PLOTCLIENT Win	One current folder is used File open dialog of Add Entry and Insert Entry.	Each of Add Entry and Insert Entry has its own current folder.
Field Request	Added the option of the Job Flag Sheet	PLOTBASE	There is no selection of “Media source” at the Job Flag Sheet.	The additional selection of “Media source” of the Job Flag Sheet has been added.

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***** New features *****

Subject	Application /Driver	The features of version 3.02
Page order	PLOTBASE, PLOTCLIENT	<p>Change the order of pages to print. There are three options: e.g.) The output page order of five pages job.</p> <p style="text-align: center;">Page order</p> <p style="text-align: center;">Front Rear</p> <p>Auto(default value)</p> <p style="text-align: center;">1,2,3,4,5 5,4,3,2,1</p> <p>Standard</p> <p style="text-align: center;">1,2,3,4,5 1,2,3,4,5</p> <p>Reverse</p> <p style="text-align: center;">5,4,3,2,1 5,4,3,2,1</p>
Each entry has a checkbox for subset.	PLOTBASE, PLOTCLIENT	<p>Only selected entry(-ies) is (are) printed.</p> 
Locked Print	WINPRINT	The "Locked Print" function has become available with WINPRINT.
Check jobs before printing.	PLOTBASE	<p>Checks a job before starting to print. The checking points are the same as while printing. (For example, if the file type of entry is WMF, this file structure is supported one or not.</p> <p>) As a result, the job including all printable entries is printed. If there is even one nonprintable entry is included, this job is not printed.</p> <p>When this function is enabled, start of printing a job will be delayed.</p>
Restart problem jobs	PLOTBASE	There is an additional menu item "Job -> Retry Jobs". This feature resets all jobs with status "problem" to "pending" to retry these jobs.
AutoCAD support	PLOTBASE	AutoCAD 2002 is supported for direct DWG files printing.
Spool directory can edit manually.	PLOTBASE	"Spool Directory" text field is editable.
Multi reader	PLOTBASE	<p>PLOTBASE can have up to 60 spools due to system limitations.</p> <p>Each spool directory has its own directory.</p> <p>e.g.) Change the user interface for each user.</p>

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***** Revised points of the Manuals *****

In this table, the reference page is an example of the English version.

	Summary	RWPB30us.pdf	RWCLI30us.pdf	Notes
1	Windows XP has been added as supported OS of PLOTCLIENT.		P.2,7,11,12,69,74	
2	AutoCAD 2002 has been added as supported Application of HDI/ADI driver.	P.41,43,98,152,196	P.7,17,18,63,78	
3	The explanation of Spool paths has been added.		P.27	
4	The explanation of Page Order has been added.	P.87-88	P.34,73,76	
5	The minimum size of "bypass" tray has been added.(182mm x 149mm)	P.76	P.72,75,110	OSDG-0034
6	The explanation of Locked Print in WINPRINT has been added.		P.73,75,76	
7	The explanation of how to change Plotter name has been added.		P.91,92	
8	The explanation of "Multiple Reader" has been added.	P.61-65		New features
9	More detail explanation of "Quota" has been added.	P.65		
10	Printing starts when the "Spool Timeout" timer expires, even if PLOTBASE does not receive all of job data.	P.65-66		
11	The description of "check jobs before printing" function has been added.	P.66-67		New features
12	"Preparing data" status has been added in the explanation of "Job status".	P.78,83		
13	As for E-mail configuration, reference page has been added.	P.88-89		
14	The description of "Activate/deactivate entries" has been added.	P.96		New features
15	More detail explanation of "Stamp gradation" has been added.	P.107		
16	The description of "Restart problem jobs" has been added	P.130		New features
17	The description of "Spool directory ", "SSL subfolder" and "CFG subfolder" have been added.	P.197-P.202		New features
18	The description of "Account" and "Response" have been added.	P.69,P.199		

***** Remarks *****

Application	Description	Bug No.
PLOTBASE	Before printing the job that "Media Source" set on "roll", please check that a paper is not loaded in the bypass tray. If there is a paper in the bypass tray, "UnitInoperative" message appears in the Job History Window and the job becomes "problem" status. To print the job, remove the paper from the bypass tray, and change the job status from "problem" to "Pending".	OSDG-0043

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***** Version 3.01 *****

***** Resolved problems *****

Bug No.	Application /Driver	Symptom	Solution/Workaround
QAC-0046 RINC-0162 RINC-1032	PLOTBASE SCANTOOL	After changing the settings of "Configurations", selecting stamp causes PLOTBASE/SCANTOOL to close automatically with an Application error.	Problem fixed.
QAC-0057	Winprint	The "Quality" setting does not work correctly.	The "Quality" selection has been fixed.
QAC-0058 RINC-0169	PLOTCLIENT Web Admin	The "Help" function doesn't work.	The "Help" function works.
QAC-3015	SCANTOOL	If SCANTOOL is shot down while engine is waiting for scan document, the operation panel of engine isn't released.	The operation panel returns to Ready, before shutting down SCANTOOL.
RINC-1035	SCANTOOL	When you change [unit] to "inch" and enter a valid number in the "Border" text box of Job Editor, the alert appears as [unit] is "mm" .	When you change the [unit] of [Option] dialog, the message that confirm whether save the data or not appears. After that "Job Editor" closes and reopens automatically.
SEG-0001	Winprint	Winprint jobs appear as the full path file name in the "Job Name" of job list.	Only filenames are listed in the job list.
SEG-0004	PLOTCLIENT Win	After uninstalling PLOTCLIENT Win, ADI_HDI Driver does not work.	Uninstallation of PLOTCLIENT Win does not influence on ADI_HDI diver.
SEG-0005	PLOTCLIENT Win	The default font name isn't displayed in "Stamp Edit" on Win9x.	The default font name is shown in "Stamp Edit" on Win9x. This was also reported as FPR #RH02040004.
SEG-0006	PLOTCLIENT Web	There is a blank selection in the "Stamp position" pulldown list.	The "Middle Right" option in the "Stamp position" is now displayed. This was also reported as FPR #RH02040003.
SEG-0012	PLOTBASE	After replacing the controller board, new license cannot be installed.	Problem fixed.
SEG-0013	PLOTBASE	The "Expiration Date" format in [License Manager] is not in date format.	Problem fixed.
SEG-0014	Winprint	"Job Owner" of Win9x print jobs appears "NoUsername" in he PLOTBASE job list.	Win9x login user name appears on print jobs from Win9x Winprint.
SEG-0016	PLOTBASE	The Plotted Area value on accounting sheet is the area of image data on paper.	The Plotted Area value is the area of consumed paper.
SEG-0018	PLOTBASE	When [unit] is "mm", the paper size appears correctly at the [Format] area of [JobFlagSheet].	The paper size of all type of [unit] appears correctly at the [Format].
SEG-0021	PLOTBASE	Correct media type is not printed in the [JobFlagSheet].	Problem fixed.
SEG-0022	PLOTCLIENT Win	When opening the SSL file that media type is not set to the machine, application hangs up.	Problem fixed.
SEG-0024	SCANTOOL	Scan start position shifts to left from the	Problem fixed.

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Bug No.	Application /Driver	Symptom	Solution/Workaround
		edge of a document.	
SEG-0025	PLOTBASE	When executing a [Order by] command with incorrect date format, an Application error occurs.	Problem fixed.
SEG-0038	PLOTCLIENT Web	[help] button in the PLOTCLIENT Web page doesn't work.	[help] button is removed from Web page.
SEG-0045	Winprint	Even if user cancels Winprint installation, installer prompts user to restart the computer.	Problem fixed.
SEG-0056	PLOTBASE	There are garbled characters in [Product] area of [License Manager] dialog except English and German.	The items of [Product] list show correctly with all supported Languages.
SEG-2001	SCANTOOL	Originals with 30 inch width are detected as 24 inch.	It is a specification of the Engine. Workaround: Scan the data wider than the original size and clip the data to the size that you want. For more details, refer to the readme file. This was also reported with Field Test DB.

***** Changed features *****

Bug No.	Subject	Application /Driver	The features of version 3.00	The features of version 3.01
QAC-0010 SEG-0047	Language selected during the installation isn't used in applications.		Language selected during the installation isn't used in applications and language setting of the software is different between OS.	Language selected during the installation is used in applications.
QAC-0041	RSP file	PLOTBASE	"License Manager" doesn't recognize license file, which was downloaded from www.rspfiles.com ("license.zip.rsp")	"License Manager" can read both "license.rsp" and "license.zip.rsp".
RINC-0167	Installation of the Apache server		The installation process does not go background.	The Apache server can be installed as a background process.
QAC-0030	"Immediately" settings on Job Editor	PLOTBASE SCANTOOL	The "Immediately" priority is the same as "Normal" .	The job that priority is "immediately" interrupts in the current job.
RINC-0034	The menu items of "Stamp Macro"	PLOTBASE PLOTCLIENT Win	The SSL-Macros is the sub-menu of [Macros].	The SSL-Macro menu is merged with [Macros].
SEG-0034 SEG-0035	"Text Color" function of stamp is changed the name to "Stamp gradation"	PLOTBASE PLOTCLIENT Win PLOTCLIENT Web	[stamp color text] function does not work.	Stamps have four different gray levels. (Black, Dark gray, Gray and Light gray) Please refer to the readme file.

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Bug No.	Subject	Application /Driver	The features of version 3.00	The features of version 3.01
QAC-0055	Checking of entry file type	PLOTCLIENT Web	Any file type can select at [Choose file] dialog.	If unsupported file type is selected, alert message is displayed.
RINC-0171	The range of border values	PLOTCLIENT Web	The range of border values is same for the all unit of measure.	The range of border values has changed depending on the unit. The range of border values is as follows. mm: 0-500 inch: 0-20 pixel: 0-12000 Please refer to the readme file.
QAC-0053	The character length of stamp macro that is beyond the paper size.	PLOTBASE	If the character length of stamp macro is longer than the plot image, the job is canceled automatically at [Job List].	Stamps that are larger than the plot image are clipped.
RINC-0175	The timing of sending "Response mail"		The "Response mail" sends all states of printing progress (Pending, Plotting, and OK).	The "Response mail" sends when job has finished. The number of "Response mail" is reduced to one.
RINC-0168	The date format in "Response mail"		The date format in "Response mail" isn't same the OS setting.	Style of date and time in e-mails is changed to the OS locale setting of PLOTBASE Server.
RINC-0170	The characters that aren't allowed to be used for "Job Name".	PLOTCLIENT PLOTCLIENT Web	The text field of "Job Name" cannot accept the hyphen character to make queue on PLOTBASE.	The text field of "Job Name" can accept the hyphen character. There are ten characters that aren't allowed at the "Job Name". \\ / : * ? " < > %
RINC-0181	The number of "Job Copies"	PLOTBASE PLOTCLIENT PLOTCLIENT Win	"Job Copies" in Job Editor accepts a number more than 999.	PLOTBASE : the value is changed to 999 automatically when entering a value over 999 PLOTCLIENT and PLOTCLIENT web : cannot enter a value greater than 999.
RINC-0065-1	The maximum number of "Copy count"	Winprint	The maximum number of "Copy count" is 99.	The maximum number of "Copy count" is 999, but there is a limitation as follows. If a number larger than 999 is set with Application, the number of output is 1 or 999. Please refer to the readme file.

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Bug No.	Subject	Application /Driver	The features of version 3.00	The features of version 3.01
RINC-0164	Default configuration files		Sometimes the Error message may occur when accessing the properties area of [Configuration] tab of PLOTBASE.	Installer copies the default configuration files(hpgl.hcf and calcomp.ccf) under the ...program folder.
	NEW feature: Change the setting of unit	PLOTCLIENT Web		The [measure] item has been added on [edit job-parameter] page. You can select "mm" or "inch" as unit.

***** Revised points of the Manuals *****

In this table, the reference page is an example of the English version.

Summary	RWPB30us.pdf	RWCLI30us.pdf	RWTEC30us.pdf (not for User)	Bug No.
AMD "Athlon" processor has been added as supported CPU.	P17		P6	
The list of supported Mainboards has been added.			P5,6	
Wording: "Transparent" is changed to "Translucent".	P65,84,86,92,152	P33,34,41,69,71,85,106,108,129		QAC-0005
Wording: "inverse" is changed to "invert".	P56	P85		RINC-0121
The maximum border around the drawing has been changed from 500.00 mm to 499.99mm.	P85			SEG-0009
[Measure] item has "mm" and "inch" option.		P103		
The explanation of DWG file format has been added.	P40,42,90,143	P7,74	P16	

***** Remarks *****

Application	Description	Bug No.
PLOTCLIENT Win / PLOTBASE	The job that has "wait" priority is printed manually in the PLOTBASE job list. (Refer to the Manual of PLOTBASE.)	SEG-0023

Model: Dolphin		Date: 14-Nov-08	No.: RB010016
Subject: Release note for Dolphin-C1 (RW-470W) Controller		Prepared by: F.Noguchi	
From: 2nd Tech Support Sec. Service Support 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 type="checkbox"/> Other ()		

This is a release note for the Printer Controller RW-470.

***** SP2 (Patch) for Version 3.7.1 (3.7.110) *****

SP2 solves the following problems.

Note: PLOTBASE version 3.6SP3 (3.6.037) or earlier does not require SP2.

1. Other changes:

Supports the following features (which were not supported by Plotclient/Web):

- Multi-file-upload
- Text stamping
- HPGL/Calcomp pen setting

2. Update from previous version:

The update will be done by a patch file (setup.exe) that updates the PC/WEB from version 3.7.1 (3.7.110) to version 3.7.110 SP2.

Model: Dolphin		Date: 26-Mar-09	No.: RB010017
Subject: Release note for Dolphin-C1 (RW-470W) Controller		Prepared by: F.Noguchi	
From: 2nd Tech Support Sec. Service Support 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 type="checkbox"/> Other ()		

This is a release note for Printer Controller RW-470.

***** SP3 (Patch) for Version 3.7.1(3.7.110) *****

SP3 is an update for PlotClient HDI to support AutoCAD2009.

Note: PLOTBASE version 3.6SP3(3.6.037) or earlier does not require SP3.

SP3 Installation Procedure:

Before updating the PlotClient HDI, please make sure that all running applications are closed on your Plotbase computer.

1. Go to control panel and open "Add/remove software".
2. Uninstall the PlotClient HDI.
3. Go to control panel and open "AutoDesk Plotter Manager".
4. Delete all RW-470 pc3 drivers.

Name	Size	Type	Date Modified
PMP Files		File Folder	16.06.2006 12:41
Add-A-Plotter Wizard	1 KB	Shortcut	16.06.2006 12:41
Default Windows System Printer.pc3	2 KB	AutoCAD Plotter Co...	03.03.2003 11:36
DWF6 ePlot.pc3	5 KB	AutoCAD Plotter Co...	28.07.2004 19:14
DWG To PDF.pc3	2 KB	AutoCAD Plotter Co...	03.01.2006 17:43
PLOTCLIENT HDI.pc3	2 KB	AutoCAD Plotter Co...	21.06.2006 08:51
PublishToWeb JPG.pc3	1 KB	AutoCAD Plotter Co...	07.12.1999 12:53
PublishToWeb PNG.pc3	1 KB	AutoCAD Plotter Co...	21.11.2000 15:18

5. Go to your directory containing the update (RW-470 PlotClient HDI).
There are different versions for 32-bit OS and 64-bit OS. Please use the correct one according to the OS of your computer.

Example:

You are working with AutoCAD2009 on a computer, which has installed Windows XP x64 (64 bit Version). Then you should use the setup.exe from the x64 directory.

6. Execute the correct setup.exe.

Model: Dolphin	Date: 26-Mar-09	No.: RB010017
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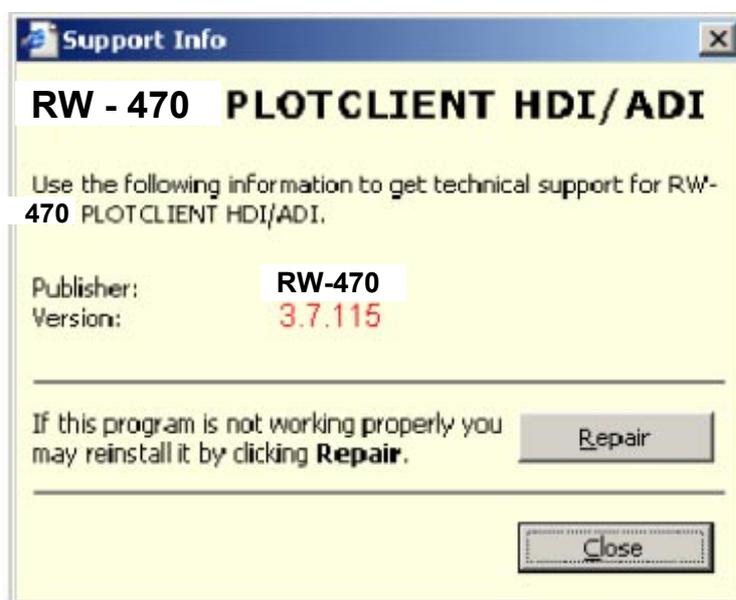
7. Follow the instructions with “Next” and “Install”.
8. Install the updated PC3 files.

For reinstallation of the PC3 files, please refer to the RW-470 client manual, chapter “PlotClient ADI/HDI”. 

9. Final check

After the installation, the version number of PlotClient HDI as shown below should appear.

- 1) Go to control panel and open “Add to remove software”.
- 2) Select “RW-470 PlotClient HDI” and click on “Support information”.



10. Reboot

We recommend that you reboot your Plotbase computer, even though this is generally not necessary.

Model: D-C1		Date: 29-Jan-10	No.: RB010018
Subject: PlotClient HDI for Printer Controller RW-470		Prepared by: F.Noguchi	
From: 2nd Overseas Tech Support Sec., 2nd PQM 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 type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other ()	

This is a release note for Printer Controller RW-470.

***** PlotClient HDI for PLOTBASE Version 3.7.1 - 3.7.1SP3(3.7.1.115) *****

This is an update for PlotClient HDI to support AutoCAD2010.

Note:

1. PLOTBASE version 3.6SP3(3.6.037) or earlier does not require this update.
2. Supported OS
 Windows XP SP3
 Windows Vista SP1

PlotClient HDI Installation Procedure:

Before updating the PlotClient HDI, please make sure that all running applications are closed on your Plotbase computer.

1. Go to control panel and open "Add/remove software".
2. Uninstall the PlotClient HDI.
3. Go to control panel and open "AutoDesk Plotter Manager".
4. Delete all RW-470 pc3 drivers.

Name	Size	Type	Date Modified
PMP Files		File Folder	16.06.2006 12:41
Add-A-Plotter Wizard	1 KB	Shortcut	16.06.2006 12:41
Default Windows System Printer.pc3	2 KB	AutoCAD Plotter Co...	03.03.2003 11:36
DWF6 ePlot.pc3	5 KB	AutoCAD Plotter Co...	28.07.2004 19:14
DWG To PDF.pc3	2 KB	AutoCAD Plotter Co...	03.01.2006 17:43
PLOTCLIENT HDI.pc3	2 KB	AutoCAD Plotter Co...	21.06.2006 08:51
PublishToWeb JPG.pc3	1 KB	AutoCAD Plotter Co...	07.12.1999 12:53
PublishToWeb PNG.pc3	1 KB	AutoCAD Plotter Co...	21.11.2000 15:18

Model: D-C1	Date: 29-Jan-10	No.: RB010018
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5. Go to your directory containing the update (RW-470 PlotClient HDI).

There are different versions for 32-bit OS and 64-bit OS. Please use the correct one according to the OS of your computer.

Example:

You are working with AutoCAD2010 on a computer which has Windows XP x64 (64 bit Version). Then you should use the setup.exe from the x64 directory.

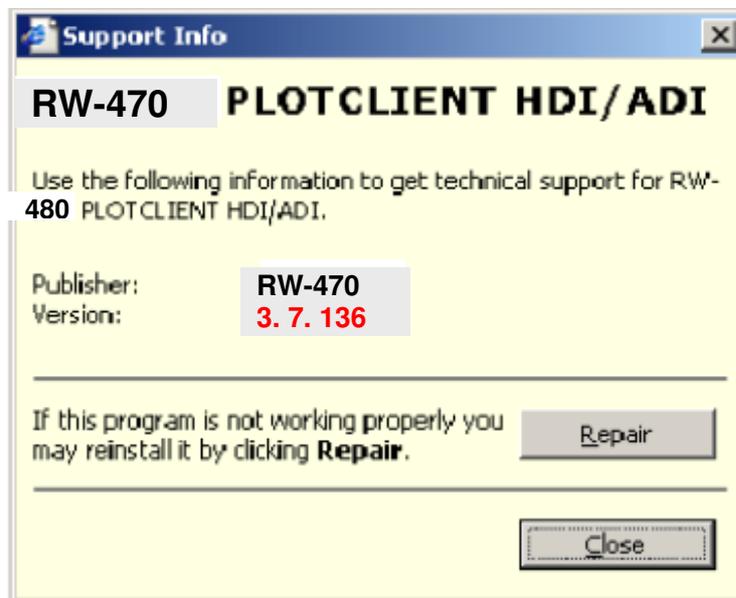
6. Execute the correct setup.exe.
7. Follow the instructions with “Next” and “Install”.
8. Install the updated PC3 files.

For reinstallation of the PC3 files, please refer to the RW-470 client manual, chapter “PlotClient ADI/HDI”.

9. Final check

After the installation, the version number of PlotClient HDI as shown below should appear.

- 1) Go to control panel and open “Add to remove software”.
- 2) Select “RW-470 PlotClient HDI” and click on “Support information”.



10. Reboot

We recommend that you reboot your Plotbase computer, even though this is generally not necessary.

Model: D-C1		Date: 07-Jun-10	No.: RB010019
Subject: SP4 Release note for Printer Controller RW-470		Prepared by: F.Noguchi	
From: 2nd Overseas Tech Support Sec., 2nd PQM 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 ()		

This is a release note for Printer Controller RW-470.

***** RW-470 Printer Controller Ver.3.7.1SP4 *****

Note:

- SP4 has been issued as an update to ver3.7.1SP2.
- SP4 requires PLOTBASE version SP2 or later.

1. Major features added:

- 1) Support for OS
 - <Plotbase>
 - WindowsXP SP3
 - WindowsVista SP2
 - <Clients>
 - WindowsXP SP3
 - WindowsVista SP2
 - Windows2008Server
- 2) Update to application
 - AutoCAD2010
 - LibCad2010 (DWG option)
 - PDF 1.7 Level 3

SP4 Installation Procedure:

1. Uninstall the Printer Controller RW-470 from your Plotbase computer.
2. Install the RW470 Printer Controller Ver.3.7.1SP4.

Model: D-C1		Date: 10-Dec-10	No.: RB010020
Subject: PlotClient HDI for Printer Controller RW-470		Prepared by: F.Noguchi	
From: 2nd Overseas Tech Support Sec., 2nd PQM 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 type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other ()	

This is a release note for Printer Controller RW-470.

***** PlotClient HDI for PLOTBASE Version 3.7.1SP4 (3.7.1.138) *****

This is an update for PlotClient HDI to support AutoCAD2010 - 2011.

Note:

1. PLOTBASE version 3.7.1SP3 (3.7.110) or earlier does not require this update.
2. Supported OS
 Windows XP SP3
 Windows Vista SP2

PlotClient HDI Installation Procedure:

Before updating the PlotClient HDI, please make sure that all running applications are closed on your Plotbase computer.

1. Go to Control Panel and open "Add/remove software".
2. Uninstall the PlotClient HDI.
3. Go to Control Panel and open "AutoDesk Plotter Manager".
4. Delete all RW-470 pc3 drivers.

Name ▲	Size	Date Modified
Plot Styles		10/18/2010 4:45 AM
PMP Files		10/18/2010 4:45 AM
Add-A-Plotter Wizard	1 KB	10/18/2010 4:42 AM
Default Windows System Print...	2 KB	3/3/2003 7:36 PM
DWF6 ePlot.pc3	5 KB	7/29/2004 3:14 AM
DWFX ePlot (XPS Compatible)...	5 KB	6/21/2007 10:17 AM
DWG To PDF.pc3	2 KB	10/23/2008 9:32 AM
PublishToWeb JPG.pc3	1 KB	12/7/1999 8:53 PM
PublishToWeb PNG.pc3	1 KB	11/21/2000 11:18 PM
RW-240 PLOTCLIENT HDI.pc3	2 KB	11/5/2010 5:44 AM
RW-480 PLOTCLIENT HDI.pc3	2 KB	11/5/2010 5:45 AM
RW-3600 PLOTCLIENT HDI.pc3	2 KB	11/5/2010 5:44 AM
RW-7140 PLOTCLIENT HDI.pc3	2 KB	11/5/2010 5:46 AM

Model: D-C1	Date: 10-Dec-10	No.: RB010020
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5. Go to your directory containing the update (RW-470 PlotClient HDI).

There are different versions for 32-bit OS and 64-bit OS. Please use the correct one according to the OS of your computer.

Example:

You are working with AutoCAD2011 on a computer, which has Windows XP x64 (64 bit Version). Then you should use the setup.exe from the x64 directory.

6. Execute the correct setup.exe.
7. Follow the instructions with “Next” and “Install”.
8. Install the updated PC3 files.

For reinstallation of the PC3 files, please refer to the RW-470 client manual, chapter “PlotClient ADI/HDI”.

9. Final check

After the installation, the version number of PlotClient HDI as shown below should appear in the “About” tab of Plotclient HDI when you print any sample file with AutoCAD2011 or other supported AutoCAD products.



10. Reboot

We recommend that you reboot your Plotbase computer, even though this is generally not necessary.

Model: D-C1

Date: 10-Dec-10

No.: RB010020

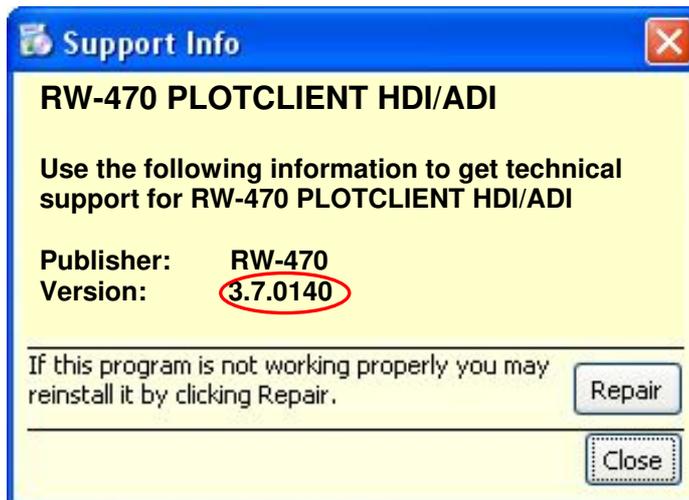
Note:

The Version Number of Plotclient HDI in this release shows a small error in the support information.

If you look at the version number by doing the following steps:

1. Go to Control Panel and open "Add or remove software"
2. Select RW-470 Plotclient HDI and click on "Support information",

You can find that the version number "3.7.140" is displayed as "3.7.0140".



Model: D-C1		Date: 29-Sep-11	No.: RB010021
Subject: PlotClient HDI for Printer Controller RW-470		Prepared by: F.Noguchi	
From: 2nd Overseas Tech Support Sec., 2nd PQM 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 type="checkbox"/> Product Safety	<input type="checkbox"/> Other ()	

This is a release note for Printer Controller RW-470.

***** PlotClient HDI for PLOTBASE Version 3.7.1SP4 (3.7.1.138) *****

This is an update for PlotClient HDI to support AutoCAD2012.

Note:

1. PLOTBASE version 3.7.1SP3 (3.7.110) or earlier does not require this update.
2. Supported OS
 Windows XP SP3
 Windows Vista SP2

PlotClient HDI Installation Procedure:

Before updating the PlotClient HDI, please make sure that all running applications are closed on your Plotbase computer.

1. Go to control panel and open "Add/remove software".
2. Uninstall the PlotClient HDI.
3. Go to control panel and open "AutoDesk Plotter Manager".
4. Delete all RW-470 pc3 drivers.

Name ▲	Size	Date Modified
Plot Styles		10/18/2010 4:45 AM
PMP Files		10/18/2010 4:45 AM
Add-A-Plotter Wizard	1 KB	10/18/2010 4:42 AM
Default Windows System Print...	2 KB	3/3/2003 7:36 PM
DWF6 ePlot.pc3	5 KB	7/29/2004 3:14 AM
DWFX ePlot (XPS Compatible)...	5 KB	6/21/2007 10:17 AM
DWG To PDF.pc3	2 KB	10/23/2008 9:32 AM
PublishToWeb JPG.pc3	1 KB	12/7/1999 8:53 PM
PublishToWeb PNG.pc3	1 KB	11/21/2000 11:18 PM
RW-240 PLOTCLIENT HDI.pc3	2 KB	11/5/2010 5:44 AM
RW-480 PLOTCLIENT HDI.pc3	2 KB	11/5/2010 5:45 AM
RW-3600 PLOTCLIENT HDI.pc3	2 KB	11/5/2010 5:44 AM
RW-7140 PLOTCLIENT HDI.pc3	2 KB	11/5/2010 5:46 AM

Model: D-C1	Date: 29-Sep-11	No.: RB010021
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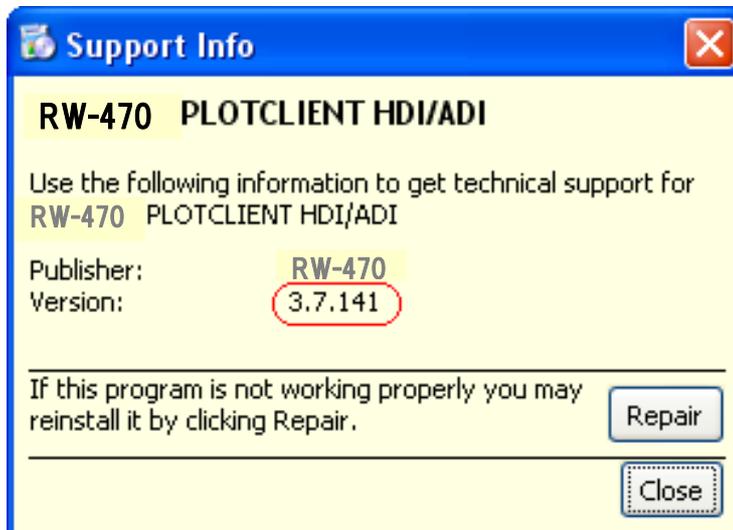
5. Go to your directory containing the update (RW-470 PlotClient HDI).
There are different versions for 32-bit OS and 64-bit OS. Please use the correct one according to the OS of your computer.

Example:

You are working with AutoCAD2012 on a computer, which has installed Windows XP x64 (64 bit Version). Then you should use the setup.exe from the x64 directory.

6. Execute correct setup.exe.
7. Follow the instructions with “Next” and “Install”.
8. Install the updated PC3 files.
For reinstallation of the PC3 files please refer to RW-470 client manual, chapter “PloteClient ADI/HDI”.

9. Final check
 - 1) Go to control panel and open “Add or remove software”
 - 2) Select RW-470 Plotclient HDI and click on “Support information”,
You can find that the version number “3.7.141” is displayed as “3.7.141”.



10. Reboot
We recommended to reboot your Plotbase computer, even though this is generally not necessary.

Model: D-C1		Date: 10-Apr-13	No.: RB010022
Subject: PlotClient HDI for Printer Controller RW-470		Prepared by: F.Noguchi	
From: 2nd Tech Service Sect., PP Tech Service 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 type="checkbox"/> Product Safety	<input type="checkbox"/> Other ()	

This is a release note for Printer Controller RW-470.

***** PlotClient HDI for PLOTBASE Version 3.7.1SP4 (3.7.1.138) *****

This is an update for PlotClient HDI to support AutoCAD2013.

Note:

1. PLOTBASE version 3.7.1SP3 (3.7.110) or earlier does not require this update.
2. Supported OS
Windows XP SP3
Windows Vista SP2

PlotClient HDI Installation Procedure:

Before updating the PlotClient HDI, please make sure that all running applications are closed on your Plotbase computer.

1. Go to control panel and open "Add/remove software".
2. Uninstall the PlotClient HDI.
3. Go to control panel and open "AutoDesk Plotter Manager".
4. Delete all RW-470 pc3 drivers.

Name ▲	Size	Date Modified
Plot Styles		10/18/2010 4:45 AM
PMP Files		10/18/2010 4:45 AM
Add-A-Plotter Wizard	1 KB	10/18/2010 4:42 AM
Default Windows System Print...	2 KB	3/3/2003 7:36 PM
DWF6 ePlot.pc3	5 KB	7/29/2004 3:14 AM
DWFX ePlot (XPS Compatible)...	5 KB	6/21/2007 10:17 AM
DWG To PDF.pc3	2 KB	10/23/2008 9:32 AM
PublishToWeb JPG.pc3	1 KB	12/7/1999 8:53 PM
PublishToWeb PNG.pc3	1 KB	11/21/2000 11:18 PM
RW-240 PLOTCLIENT HDI.pc3	2 KB	11/5/2010 5:44 AM
RW-480 PLOTCLIENT HDI.pc3	2 KB	11/5/2010 5:45 AM
RW-3600 PLOTCLIENT HDI.pc3	2 KB	11/5/2010 5:44 AM
RW-7140 PLOTCLIENT HDI.pc3	2 KB	11/5/2010 5:46 AM

Model: D-C1	Date: 10-Apr-13	No.: RB010022
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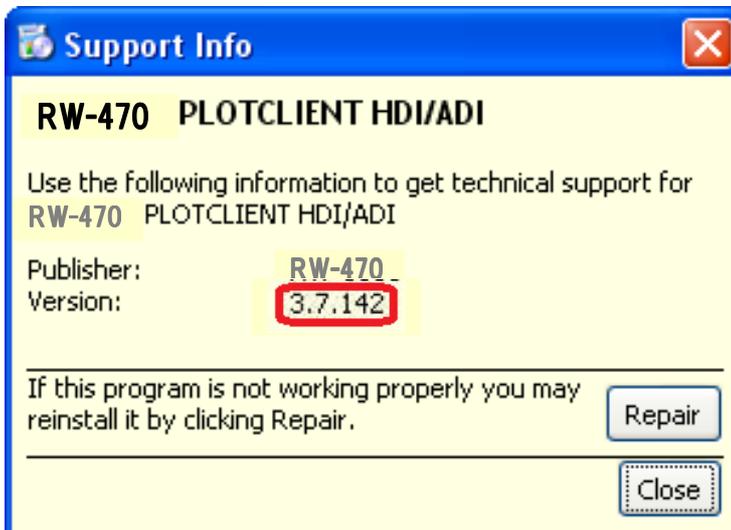
5. Go to your directory containing the update (RW-470 PlotClient HDI).
There are different versions for 32-bit OS and 64-bit OS. Please use the correct one according to the OS of your computer.

Example:

You are working with AutoCAD2013 on a computer, which has installed Windows XP x64 (64 bit Version). Then you should use the setup.exe from the x64 directory.

6. Execute correct setup.exe.
7. Follow the instructions with “Next” and “Install”.
8. Install the updated PC3 files.
For reinstallation of the PC3 files please refer to RW-470 client manual, chapter “PloteClient ADI/HDI”.

9. Final check
 - 1) Go to control panel and open “Add or remove software”
 - 2) Select RW-470 Plotclient HDI and click on “Support information”,
You can find that the version number “3.7.142” is displayed as “3.7.142”.



10. Reboot
We recommended to reboot your Plotbase computer, even though this is generally not necessary.