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LaserWriter IINTX: DIP Switch Positions Affect Renaming

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TOPIC -----

After moving a LaserWriter IINTX, we could find the printer in the Chooser as "LaserWriter IINTX," but the name should be "LaserWriter IINTX 5/80." On the start page, the name was "LaserWriter IINTX 5/80," but the Chooser again called it "LaserWriter IINTX." We renamed the printer, and the name appeared on the start page, but not in the Chooser. The LaserWriter IINTX printed normally through all this.

We found that the DIP switches 5 and 6 were down. We switched them up, and this fixed the naming problem. Can you explain this behavior?

DISCUSSION -----

Moving switches 5 and 6 to the down position sets asynchronous handshaking to XON/XOFF. The LaserWriter broadcasts the default printer name set in ROM instead of using the changeable version set in the ZPRAM (Zero Power RAM). The startup page still registers the correct name, but the name broadcast over the network doesn't change.

Make sure that both switches are in the up position unless you require another form of handshaking. Other combinations of these switches do not cause the name inconsistencies.

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