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ISDN: Troubleshooting Using NT-1 Lights (3/96)

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TOPIC -----

This article provides a table to help troubleshoot NT-1 (Network Terminator) issues using the its lights.

DISCUSSION -----

The NT-1 on an ISDN line typically has lights for power, U Loop Back, and S/T&U. These lights can be used to troubleshoot your ISDN line. Below is a table showing varing NT-1 light states:

Begin_Table

Normal Light States

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Light	State	Reason	Check
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Power	On	Power is on	N/A
U Loop Back	Off	Line isn't being tested	N/A
S/T&U	Off	Line is ready for use	N/A

Other Light States

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Light	State	Reason	Check
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Power	Off	There is no AC power	Power cord, AC wall jack.
U Loop Back	On/blinking	Line is being tested	Contact local phone company to see if line is actually

being tested.

S/T&U	Fast blinking (many blinks/sec)	Line is attempting to communicate with central office	If light then goes out, the line is ready to be used. If the light stays on, then check both cables coming out of the NT-1. If the problem continues, contact your phone company.
S/T&U	On steady	Line is not hooked up properly	Check cable going from wall jack to the NT-1.
S/T&U	Slow blinking (1 blink/sec)	Line is not hooked up properly	Check cable going from NT-1 to the ISDN device.

End_Table

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