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*                               --> SixtyFourum <--                               *
*                                                                           *
*                               Tips, Pokes, Peeks and Jokes                               C. Yruegui*
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\* Here is some very useful info from Larry Woolard:  
 As some 64 owners have discovered there is a problem when you access a printer from a program. Very often (like 2 or 3 times a page) the printer will hang and freeze the keyboard. You have to shut down the computer or printer to regain control. The cause seems to be a timing problem between the video display chip and the 6510 processor chip. I solved the problem with 2 POKES that shut off the video signal to the screen while printing and then turn it back on when finished. The following subroutine replaces a normal PRINT# to do this:

```

50000 rem printer patch sub/routine
50010 rem using file #4, with data in a$
50020 poke 53265,11: rem screen off
50030 print#4,a$
50040 poke 53265,27: rem screen on
50050 return

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Midnight Paper (J. Strasma)

\* C-64 Link, about \$190 Canadian from Richvale Telecommunications. IEEE, RS232, SERIAL, PARALLEL adapter with Basic 4. For any 64

Features: IEEE-488 interface and much more. This is an amazing little plug. Easily 10 times smaller than a competing unit from Arizona, and 3 times smaller than one from Texas, yet it does far more than either.

Includes: Basic 4, ROM monitor, safe multi-user IEEE access by linked 64's and a modem control program. For another \$50 each add a RS232 or Centronics parallel cable, already controlled by the link. This is the only interface that allows you to hold the 64 on your lap while typing. It also improves Basic 4. Reports from RTC claim successful testing with the forthcoming CP/M cartridge.

Limitations: Limitations are trivial for such a fine product. 1) Since it doesn't extend the 64 cartridge bus you must unplug it to use other cartridges. 2) Does slow BASIC a bit, but no more than the DOS wedge you would be using instead. 3) You can't use both a serial drive and an IEEE printer at the same time. 4) Does occupy 8k of memory but includes two programs to move it out of the way to regain all usable memory.

Overall, C-64 Link is vastly more than an IEEE interface, and Well worth its price. I can't imagine using the 64 without it!! Highly Recommended. Ditto!! I've got mine. Available at MicroPacific get a demo. CAY