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### Submission Guidelines

Please adhere to the following guidelines when preparing your submission:
 ★ *The deadline for submission is noon on the third Monday of each month except for December, when we will need your submission one week earlier. Because of the increasing demands on our Print Shop, no submissions will be accepted after the deadline. Sorry, no exceptions.*
 ★ 1-inch margins
 ★ Large enough type to allow legibility after a 50% reduction.
 ★ Avoid excessive white space.
 ★ Submissions will be reduced and/or edited as needed for publication.
 ★ We will print personal "for sale" or "wanted to buy" ads as a service to the community.

### Letters to the Editor

We welcome letters to the editor on topics of interest for computer users. Please send letters to Mimi Ridenour, MUG Newsletter, 225 Computer Building, University Park, PA 15802.

### Disclaimer

Cover Art by **Images with Impact**

# N U T I   N E W S

GENEVE

## INFORMATION FEATURED IN THIS ISSUE:

DISK MANAGER FUNCTIONS - A COMPARISON..How does your DM stackup?
TEXAS INSTRUMENTS REPAIR PRICE LIST..Pay to fix ($), or replace?

## POLICY ON NUTI MEETINGS IS REPEATED

We will meet perhaps quarterly, or as required such as a specific need arises; i.e., important club business, or a member seeking assistance. FOR INFORMATION ON FUTURE MEETINGS, call acting president *David Snell*, 865-6427(B) or 237-7078, or secretary/editor *Maurice Villano* 238-0396.

## "FOR-THE-BIRDS" (see above graphic)

Life has not been the same since a gift L. L. Bean bird feeder arrived over a year ago. Our back yard and patio deck have turned into a wild life refuge *(we could qualify for federal funds)* as we added some more hanging and ground feeding stations. Black sunflower seed and cracked corn are year-round favorites (suet hung in winter for the fat eaters) and a bird bath provides drink as well as a place to bathe and frolic. Discarded seed shells and the droppings are easily dispatched by broom and garden hose. Lawn, bushes and trees are hardly trimmed (enough to meet weed control laws) to ensure a suitable habitat. Critters (cats, squirrels, etc.) are a nuisance, but tolerable. *House finches* are our birds-in-residence, and *Juncoes* winter with us November through April. *BlueJays, grackles, and mourning doves* abound in profusion. Of course there are the ubiquitous *chickadees, titmice, and nut hatches*, with an occasional visit by *cardinals, wrens (above) flickers and woodpeckers*. Except for bird bathing, the *robins* shun us and dig worms on our lawn. Little wonder, I'm seeking clip-art graphics of our *feathered friends*.

## DISK MANAGER FUNCTIONS -- A COMPARISON

*Based on a Chart from Program Bitten (Sweden)*
Updated 6/91          *reprinted from July 1991 issue of UGCC ROM*

| Manager/ Function | TI DM 2 | OTTAWA DM1000 3.5 | MYARC MDM V .30 | DISK UTIL 4.2 | FWB DR40 4.31 | FWB DR80 4.31 |
|---|---|---|---|---|---|---|
| Drives Supported | 1-3 | 1-8 | 1-9, WDS | 1-9,A-Z | 1-9 | 1-9 |
| Densities Supported | S,D | S,D | S,D,Q | S,D,Q | S,D,Q | S,D,Q |
| Single Drive In/Out | Y | Y | Y | Y | Y | N |
| **FILE FUNCTIONS** | | | | | | |
| Copy File | Y | Y | Y | Y | Y | Y |
| Header Before Data | Y | N | Y | Y | Y | Y |
| Read/Write | File? | Sector | Sector | Sector? | File | File |
| Sectors Per Pass | 45 | 40 | 58 | 40 | 77 | 59 |
| Copy with Rename | Y | N | N | Y | Y** | Y** |
| Warn Before Overwrite | N | N | Y | N | N | N |
| Move File | N | Y | Y | Y | N | N |
| Delete File | Y | Y | Y | Y | Y | Y |
| Recover Deleted File | N | Y | N | Y | Y | Y |
| View DV80 | N | Y | Y | Y | Y | Y |
| View DF80 | N | Y* | Y | Y | Y | Y |
| View all DV and DF | N | N | Y | Y | Y | Y |
| View INT + Program | N | N | N | N | Y | Y |
| View Myart G6/G7 | N | N | N | N | N | Y |
| Protect/Unprotect File | Y | Y | Y | Y | Y | Y |
| Rename File | Y | Y | Y | Y | Y | Y |
| **DISK FUNCTIONS** | | | | | | |
| Catalog | Y | Y | Y | Y | Y | Y |
| Send Printer Codes | N | Y | N | Y | N | N |
| Rename Disk | Y | Y | Y | Y | Y | Y |
| Copy Disks File by File | Y | Y | Y | Y | Y | Y |
| Files per Pass | 1 | 1 | 1 | Several | 1 | 1 |
| Destination Number | 1 | 1 | 1 | 1 | 8 | 8 |
| Copy Disks by Sector | N | Y | N | Y | N | N |
| Copy Used Sectors | n/a | Y | N | Y | n/a | n/a |
| Copy All Sectors | n/a | Y | Y | Y | n/a | n/a |
| Sectors per Pass | n/a | 104 | 57 | 39 | n/a | n/a |
| Format Disk | Y | Y | Y | Y | Y | Y |
| Multidisk Format | N | Y | N | Y | N | N |
| Sweep Disk | N | Y | N | Y*** | Y | Y |
| **DISK TESTS** | | | | | | |
| Read Test | Y | N | Y | Y | Y | Y |
| Read and Write Test | Y | N | Y | N | N | N |
| **OTHER FUNCTIONS** | | | | | | |
| Sector Edit | N | N | N | Y | Y | Y |
| Run Program | N | N | N | N | Y | Y |

\*    Funnelweb version of DM 1000 will not view DF80 files.
\*\*   File rename available only with single file copy.
\*\*\*  Sweep Disk called "Reset Disk."

## TEXAS INSTRUMENTS REPAIR PRICE LIST

*TEXAS INSTRUMENTS STILL CARES!*
*by Gary Taylor, president of Pittsburgh U.G.*
*from April 1991 issue of THE PUG PERIPHERAL*

Texas Instruments still provides a great service to the TI-99/4A user, by providing repair service, for our computers: I called Texas Instruments at 1-800-TI-CARES (1-800-842-2737) and asked about their repair service. I was told that they still repair all the equipment manufactured by them for fixed prices and if it could not be fixed, they would replace it with on hand stock. The following is the prices, that I received today, March 12, 1991, to repair the equipment. They will also repair CC-40 equipment at the following rates:

| EQUIPMENT | PRICE | S&H | EQUIPMENT | PRICE | S&H |
|---|---|---|---|---|---|
| TI-99/4A console | 45.00 | 6 | TV modulator | 12.95 | 4 |
| Peripheral Expansion Box | 70.00 | 6 | Joy Sticks | 9.75 | 3 |
| RS232 card | 33.00 | 6 | Power transformer | 10.00 | 3 |
| 32K card | 44.00 | 6 | CC-40 | 60.00 | 6 |
| Disk controller card | 44.00 | 6 | Printer/plotter | 55.00 | 6 |
| Flex cable (fire hose) | 25.95 | 5 | Printer 80 | 55.00 | 6 |
| SSSD disk drive | 80.00 | 6 | RS232 | 33.00 | 6 |
| P-code card | 33.00 | 6 | Modem | 33.00 | 6 |
| Speech Synthesizer | 50.00 | 5 | | | |

They also require state sales tax for whichever state you are ordering from. They accept Master Charge, Visa, and personal checks. You can send your broken equipment with the payment to:

*Texas Instruments*
*2305 North University Avenue*
*Lubbock, Texas 79408*
*ATTN: Repair Center*

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_Editor's Note:_  Commenting on the above article in the July/Aug 1991 issue of A BYTE OF INFO, Tom Boussum of Reading-Berks 99'ers, noted "This apparently also applies to older TI calculators. I recently had some of the keys on my TI-59 get erratic. On a lark, I called TI-CARES and discovered that they would repair the old card programmable for a flat rate of $75. That seems to be a bit steep, but if you want to keep getting use from a calculator, you might consider spending that much money. TI does not manufacture a comparable calculator at present."

Your NJTI NEWS editor would add, that unless you insist that your hardware be in like-new, factory-specs condition, most of us would be better advised to replace rather than repair with items from yard sales. etc.. Here in the Centre Region, you can pick up a console for $5 and a PEB (loaded with cards), often under $50. It was not mentioned before, but a 90-day warranty comes with the repairs by TI.