General Information: CNS Computing and Facilities Part 5 of 7: Userid Accounting

CNS Document ID: D0007E
Last Updated: 06/28/2001

This document is one of a set that provides general information about CNS services and facilities. This document includes a CNS organizational overview, who to contact for help, CNS hardware and facilities, information about accounts, userids and passwords, accounting and charging information, and a brief summary of the CNS charging algorithm.

For information about available software, see the "General Information: CNS Software and Software References [http://docweb.cns.ufl.edu/docs/d0009/d0009.html]" document (D0009).

For information about newsletters, handouts, manuals, seminars and workshops, and other sources of information, see the "General Information: Sources of Information on Computing [http://docweb.cns.ufl.edu/docs/d0008/d0008.html]" document (D0008).

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Userid Accounting

CNS's accounting system automatically keeps track of the charges that are applied against your userid. Charges for purchasing supplies or computer hardware servicing are generated manually. Charges made to each userid are collected at the end of every day and a permanent record of them is kept. Batch and interactive utility programs for checking the total funding, accrued monthly charges, and current balance of a userid are also available as described under "Accounting System Utility Programs" in this chapter. Use these programs periodically to check on the charges accrued against your access numbers. Any errors should be reported to CNS.

CNS's rates are listed in the CNS Charging Algorithm document (D0001) [http://docweb.cns.ufl.edu/docs/d0001/d0001.html]. Charges for other activities such as purchasing supplies or consulting are hand-generated. Charge amounts vary according to the types of computing services you use and the type of access number you have.

You should review your charges to your userid by using the Web-based CHRGLIST utility [http://nermvs.cns.ufl.edu:1204/nets/chrlist].

At the end of each month, an invoice is sent to the department, agency, or individual responsible for funding the account. Payment can be made in the exact amount by interdepartmental transfer, check, or cash.

CNS's accounting system enables you to:

- Protect your userids against unauthorized use
- Transfer funds between sequence numbers within an access number
- Check current balances, charges, and use of your account daily

The primary data unit of the accounting system is the access number. The access number contains all the information necessary to regulate the system and bill you for services rendered. The password provides security for the userid associated with the access number.

For a complete description of access numbers and any special considerations or limitations that may apply, refer to the "Obtaining CNS Userids [http://docweb.cns.ufl.edu/docs/d0007d/d0007d.html]" chapter in this manual.

Computer-Generated Charges

System-generated charges for services rendered are created automatically by the different computing systems. Some of these charges are generated immediately after the service has been used and some are generated only at selected intervals. The major sources of the computer-generated charges are as follows:

MVS Batch

Each job submitted to the system for batch processing will receive a charge after the job has completed execution and the output specified by the job has been generated (see below).
Interactive Services Charges are calculated for interactive sessions at the end of the session on the basis of the execution time used and the length of the session.

NERSP Charges NERSP charges are computed and posted nightly (at approximately 5:00 a.m.)

Data Storage Data storage charges are accrued daily and are based on the amount of storage used.

MVS batch charges consist of the following components:

JES2 input service System overhead charge for handling the data from input records

JES2 print service Data-handling charge for output records generated

Tape use Rental charge for use of mountable tapes (currently no charge)

Tape mounts Charge for system delay and operator action in tape mounting

Job submission service System overhead for queuing and maintaining a batch job

Seconds of CPU time Use of the central processing unit (CPU). Task control block (TCB) CPU charges are for computer resources used by a particular job. System request block (SRB) CPU time is supervisor time used by the job. Since SRB time is variable, depending on the system load, users are not currently charged for it.

Pages printed Cost of paper

Memory use (2K byte-minutes) The amount of main memory used by the job (2048 byte-minutes)

Manually Entered Charges

Manually entered charges are submitted to the accounting system for computer-related services. Generally these charges deal with peripheral equipment use, personnel services, equipment rental, and material sales. The following charges are entered manually.

Consulting/Programming Charges are based on the hourly rate for in-depth consulting and programming services by CIRCA and CNS programmers.

Materials/rental Charges are entered at the supply area for equipment rental and for goods purchased (including the cost of special-forms output).

COM Charges are based on the number and type of microfiche produced.
Photocopying Charges are computed monthly and are on a per-page basis for use of CNS's copier.

FAX Charges are computed monthly and are on a per-page basis for sending or receiving pages on CNS's facsimile machine.

Supply and Rental Charges

Some agencies and departments can purchase bulk supplies from CNS, including cartridge tapes and paper. Supplies can be charged to userids whose access numbers begin with 1, 31, 4, 5, 6, or 9. You can charge supplies to access numbers that begin with 7 only if the access number is funded by the government. If the access number begins with 8, you can purchase only special-forms paper. Userids whose access number begins with 7 or 8 are charged a 6% sales tax on computing and supplies unless the funding agency has a sales tax exemption certificate on file with CNS Accounting Services.

Refer to the supplies section in the CNS Charging Algorithm [http://docweb.cns.ufl.edu/docs/d0001/d0001.html] document (D0001) for current prices or call the CNS Tape Librarian at (352) 392-2291, SUNCOM 622-2291, for tape and paper charges.

Making Payments

All access numbers that are charged through an invoice will be charged a minimum of $5 for each month in which an invoice is sent. State sales tax of 6% for actual charges is added to invoices for those access numbers that do not have a sales tax exemption certificate number on file at CNS.

Check your charges periodically. (You can do this via the on-line Web form [http://nermvs.cns.ufl.edu:1204/nets/chrglist].) Any file storage charge for information left in the system after a userid expires will automatically generate a minimum charge of $5 per month on your invoice. Ask CNS to delete all OS data sets, AIX, and CICS files stored under expired userids so you can use the funds for active computing services.

You can pay your invoices in several ways. Agencies and organizations can pay through purchase orders or interdepartmental transfers. The most common form of payment for individual accounts is by cash (correct change only) or by personal check, and you must pay the exact amount of the invoice. Payments can be sent to and processed in CNS Accounting Services in 109 SSRB, University of Florida, Gainesville, Florida, 32611. Direct any questions about payment procedures for computer charges to CNS Accounting Services at (352) 392-2061.

Past-Due Accounts

Invoices for services are normally available by the fourth day of the month and include all charges through the end of the preceding month. These invoices are due upon receipt. You will be denied further service if your accounts have not been paid within 60 days of the billing date.

If you have not processed encumbrances within 60 days after the beginning of the fiscal year, you will be denied computer services. After the first 60 days of a new fiscal year, an encumbrance will be required before a new account is opened.
If your accounts are not handled through the Finance and Accounting Division encumbrance method, you will be denied service when your account is more than 60 days past due.

**Accounting System Utility Programs**

Several accounting system utility programs are available to provide you with some control over and information about your userid and access number.

**CHRGLIST**
[http://www.cns.ufl.edu/info-services/charges.html](http://www.cns.ufl.edu/info-services/charges.html)  You can obtain a detailed report of charge activity by userid or by access number for the current month or for selected months during the past year, the current balance, and total charges accrued. Further, these can be subtotaled by any sequence number(s) of an access number. You can access CHRGLIST through an MVS batch job, or via the Web. [http://nermvs.cns.ufl.edu:1204/nets/chrglist](http://nermvs.cns.ufl.edu:1204/nets/chrglist)

**XFER3**
[http://www.cns.ufl.edu/utils/](http://www.cns.ufl.edu/utils/)  This utility allows you to transfer funds between userids and groups under your control. CNS Accounting Services will not transfer funds between userids for you.

**Your Comments are Welcome**

We welcome your comments and suggestions on this and all CNS documentation. Please send your comments to:

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