

PHASE I: AHIRC ARCHIVING

Mary Caldwell 28 October, 1969

and

David A. Evans 10/24/69 as excerpted from (EVANS,ARCHI,2:xbbs)

We will soon be ready to begin archiving relatively inactive and/or important files; we hope to transfer at least 80% of files currently stored under KDF and on various user tapes to an archival collection within the next several weeks.

On-line files will be processed first

Then files that have been saved on tape in the past few months

Then pre-1969 files stored on system tapes

"THE ARCHIVE" will, in fact, be two major collections:

(1) THE JOURNAL

(2) THE ARCHIVE

Files may exist in both these collections, but this would be exceptional.

Both collections will be stored on magnetic tape. Procedures will be developed to adequately back-up these tape files with "father," "grandfather," etc., copies.

Control and maintenance of these tapes (for both Journal and Archive Collections) will be under the jurisdiction of the Support System.

YOU WILL BE GIVEN A LIST OF KDF FILES STORED UNDER YOUR USER NAME. IF YOU USE OTHER USER NAMES PLEASE REQUEST ADDITIONAL LISTINGS FOR THEM.

TO BEGIN IMPLEMENTING PHASE I OF THE JOURNAL/ARCHIVE, I NEED FROM EACH USER THE FOLLOWING INFORMATION ABOUT EACH KDF FILE YOU OWN/USE/CREATED.

INFORMATION NEEDED FROM YOU

(1) In the left hand margin of listing please designate WHAT TO DO WITH FILE and ITS LIKELY FUTURE ACTIVITY LEVEL, according to the key below

WHAT TO DO WITH FILE (Designate a capital letter)

- (A) Enter to the Journal
- (B) Enter to the Archive Collection
- (C) Enter to the Journal and delete the current KDF/Tape copy
- (D) Enter to the Archive Collection and delete the current KDF/Tape copy
- (E) Do not enter to any archival collection (leave alone)
- (F) Do not enter to any archival collection and delete from KDF/Tape

FILE'S LIKELY FUTURE ACTIVITY LEVEL (Designate a lower case letter)

- (a) Very active
- (b) Active
- (c) inactive
- (d) Very inactive

EXAMPLE:

Listing for file reads: NASIP R2,8192 7/27/69,17H  
User specifies in margin: "B-c" meaning "Enter to archive collection" and "this file is inactive"

(2) If file goes to Archive (not Journal) and ACCESS is OTHER THAN PUBLIC READ ONLY, please specify, immediately following file listing

(3) If file goes to Journal or Archive a minimum ONE-LINE DESCRIPTION of the file's content.

This may be as long as a small abstract, but as a minimum must tell another user what is in the file, and include any keywords you might want to use for retrieval.

Please write file descriptions on a piece of paper, headed by the user's name, with a sub-heading for each file to be processed.

## DISTINCTIONS -- JOURNAL AND ARCHIVE COLLECTION

### THE JOURNAL

- (1) The Journal will be an "elite" collection. Files in this collection must have some significance to at least the owner, and preferably to a larger audience; they must be "important" files.
- (2) Names of files sent to Journal will be changed to a special Journal Entry Number.
- (3) PUBLIC READ ONLY status will be given to all files.
- (4) All files in the Journal collection will be owned by Journal, i.e., they may be sent to the Journal only when the sender is entered as "Journal."
- (5) At first, at least, entries may be made in the Journal only by a Journal custodian. Mary Caldwell will play this role at first. A normal user may send files to the Journal only by advising the custodian that the file should be entered in the Journal; he cannot directly send a file to the Journal.
- (6) It will be impossible to erase any part of a Journal Entry after it is made.
- (7) Cataloguing, indexing, linking, annotating, maintaining, servicing, and retrieving superior to those for the Archive Collection will be developed for files in the Journal.

### ARCHIVE COLLECTION

- (1) Once the initial backlog of old files is entered, any user may enter a file in this collection at any time.
- (2) Files will maintain the name given by their sender at the time of entry. Duplicate filenames under one user name will be permitted only if the previous copy is not on the same tape as the new one.
- (3) Files may be maintained at permanent PRIVATE READ-WRITE status, or at any other status determined by their owner.
- (4) If they are on the current tape (i.e., the tape currently mounted), files may be deleted from the collection with normal conventions for file deletion.
- (5) Only rudimentary services and systems for retrieval, indexing, and cataloguing files in this collection will be supplied. These services, etc., will take second priority to those for the Journal.

Mary G. Caldwell  
11/17/69  
(caldwell, arkiv, zwgn)

INITIAL PROCESSING FOR FILES SENT TO ARCHIVE

INVENTORY

LIST OF ALL KDF FILES AND FTS FILES HELD AS OF 10/20/69 ARE IN MGC  
NOTEBOOK

USERS MUST SPECIFY

What to do with file and expected activity of file

One line description of file content

File access parameters if other than standard for collection to  
which file is sent

INVENTORY INFORMATION ON FILES READY TO PROCESS IS IN  
(CALDWELL, INVEN, 1:xbgn)

STILL NEED

JCN, WKE, DCE, DAE, EGS, DIA, UNCLAIMED FILES

SNOBOL ENTRY \*CURRENT PLAN and SCHEDULE

PLAN

CHI will fix SNOBOL program used to save ASIS files so that it  
will make colon copy of KDF file, check file for bad  
fileblocks, copy to tape, copy from tape, check file for bad  
fileblocks, and delete colon copy

CHI, ARG, and DAE agree this is procedure that will get  
files processed soonest with least interference with other  
users

Procedure will be aborted for any file with an error and this  
file will be processed by hand (,ENTRY:xbbbbgn)

A weekend run using this procedure will be used to process all  
files in KDF that are ready to go in Archive (not Journal)

All files not ready to be processed during weekend will be done  
by hand as in (,ENTRY:xbbbbgn)

Files will be arranged on tapes according to the month in which  
they were last written (up to 10/20/69).

Space will be left at the end of tapes containing chronological  
segments for later entry of delinquent files

Journal files will be processed at a later date after DCE and  
DAE solidify cataloging procedures

SCHEDULE

11/17/69 as many as possible have file info in and coffee break to check on unclaimed files

11/18/69 arrange file info and dura CONAN of all files to be deleted after processing, All random files to be sent to Archive (by date) and all sequential files to be sent to Archive (by date)

11/19/69 construct control files for SNOBOL programs

11/20/69 post dura of all files that will be deleted after processing

11/20/69 Do trial run on 25 files using SNOBOL program with CHI standing by to troubleshoot

11/21/69 day for CHI and MGC to correct any problems

11/22/69 - 11/23/69 Run SNOBOL program on all files ready during weekend. Save @CFD's when tapes are full and delete files processed.

BY HAND (alternative for delinquent files)

(ENTRY)

Follow tape handling procedures in (caldwell,fts,3:xs)

Generate several tapes in System No. -2

Starting with oldest files, make colon copies in batches

FOR ALL RANDOM FILES,

Load file

Execute grope

Output file

Copy files to tape

Copy files from tape to a colon dummy file

Execute grope

Delete colon copies

FOR QED FILES

Read in QED and note number of words

Copy file to tape

Copy file from tape to a colon dummy file

Read in QED and note number of words

If number of words matches assume file is OK

Delete colon copies

For each batch processed, dismount tape and remount, as FTS should not have too many files to update at any given time

When tape is full, dismount tape and save copy of CFD in permanent colon file

When tape is full, insert colon file with tape's CFD as a QED branch into Archive catalog (See CATALOG)

QED copy can then be deleted (or replaced by CFD for next tape)

(CATALOG)

Initially, catalog will consist of a master directory like (caldwell,tapin,2:xbbsn) containing links to files containing NLS copies of tape CFD,i.e.

A file listing all files on an archive tape, their usernames, position on tape, length, date of entry, and file type

This NLS copy of the CFD can be printed out in TODAS for hard copy, in format of sample in Inventory notebook.

Or on printer eventually

or CFD can be printed directly from tape any time it's on the tape drive and not in use

One-line file descriptions can be entered via TODAS as substatements of file entries in TAPIN format -- This would probably be done in batches during times when tape copying would overburden the system

Since minimal information about where files are will be available from the NLS copy of CFD's, it may be expedient to postpone any editing, organizing of these files until all backlog files are entered.

Alternatively, brief editing such as was required to format the present (caldwell,tapin,2:xbbsn) might be feasible and helpful. It should take on the order of 5 min. of console time per CFD or perhaps an hour altogether if done as each CFD is made into an NLS file.

# THESE FILES WILL

DELETION HAS BEEN AUTHORIZED FOR THE FOLLOWING KDF FILES WITHOUT SAVING COPIES ON TAPE (OTHER THAN OLD KDF DUMPS). UNLESS SOMEONE NOTIFIES ME TO SAVE A FILE FOR HIM, THESE WILL BE DELETED FRIDAY 14 NOVEMBER 1969.

MGC

| User     | File  | Type | Authorization |
|----------|-------|------|---------------|
| Ball     | BOOK  | r    | GHB           |
| Casseres | DRAW  | r    | DGC           |
| Casseres | NEWQ  | r    | DGC           |
| Casseres | LETT  | r    | DGC           |
| Stone    | NLOAD | r    | DGC           |
| Stone    | FLYER | r    | DGC           |
| Stone    | LECTU | r    | DGC           |
| Stone    | TMPRO | r    | DGC           |
| Stone    | DGC   | s    | DGC           |
| Stone    | WANTS | s    | DGC           |
| Stone    | THIS  | s    | DGC           |
| Stone    | SPACE | s    | DGC           |
| Durham   | OPNFI | r    | WSD           |
| English  | ALIGN | r    | WKE           |
| English  | STOCK | r    | WKE           |
| English  | MSCAP | r    | WKE           |
| English  | B-NDT | s    | WKE           |
| English  | CALCO | s    | WKE           |
| English  | APGM  | s    | WKE           |
| English  | PGM   | s    | WKE           |
| English  | NDT   | s    | WKE           |
| HUGGINS  | BFRST | R    | BLP           |
| Watson   | LETTE | r    | WKE           |
| Watson   | NAS1P | r    | WKE           |
| Watson   | NASAP | r    | WKE           |

# BE DELETED!

|             |       |   |      |
|-------------|-------|---|------|
| Irby        | JUNK  | r | CHI  |
| Irby        | NLS   | s | CHI  |
| Irby        | 1NLS  | s | CHI  |
| Irby        | 2NLS  | s | CHI  |
| Irby        | 3NLS  | s | CHI  |
| Irby        | 4NLS  | s | CHI  |
| Irby        | T-ARP | s | CHI  |
| Irby        | Y-CLN | s | CHI  |
| Irby        | Y-VCT | s | CHI  |
| Irby        | R-SPL | s | CHI  |
| Irby        | G-TRE | s | CHI  |
| Meisling    | DEL   | r | DGC  |
| Meisling    | NICNL | r | DGC  |
| Meisling    | FLTUG | r | DGC  |
| Meisling    | LOADS | r | DGC  |
| Meisling    | NICFP | r | DGC  |
| Meisling    | NICAP | r | D/GC |
| Meisling    | REWRI | r | DGC  |
| Tomlin      | NOTES | r | FKT  |
| Tomlin      | MEMO  | r | FKT  |
| Tomlin      | NET   | r | FKT  |
| Levine      | GODFI | s | FKT  |
| Levine      | GODFD | r | FKT  |
| Van De Riet | V2    | s | EKV  |
|             | .     |   |      |
|             | .     |   |      |
|             | .     |   |      |

|             |       |   |     |
|-------------|-------|---|-----|
| Van De Riet | V80   | s | EKV |
| Duvall      | PHILD | r | WSD |
| Duvall      | GOODY | r | WSD |
| Duvall      | QED C | r | WSD |
| Duvall      | NLS C | r | WSD |
| Duvall      | DOC   | r | WSD |
| Hardy       | SEQGE | r | WSD |
| Hardy       | RECIN | r | WSD |
| Hardy       | INPFB | r | WSD |
| Hardy       | CDSPL | r | WSD |
| Hardy       | UTILI | r | WSD |
| Hardy       | STRMN | r | WSD |

DELETION HAS BEEN AUTHORIZED FOR THE FOLLOWING KDF FILES WITHOUT SAVING COPIES ON TAPE (OTHER THAN OLD KDF DUMPS). UNLESS SOMEONE NOTIFIES ME TO SAVE A FILE FOR HIM, THESE WILL BE DELETED FRIDAY 14 NOVEMBER 1969.

| User     | File  | Type | Authorization |
|----------|-------|------|---------------|
| Ball     | BOOK  | r    | GHB           |
| Casseres | DRAW  | r    | DGC           |
| Casseres | NEWQ  | r    | DGC           |
| Casseres | LETT  | r    | DGC           |
| Stone    | NLOAD | r    | DGC           |
| Stone    | FLYER | r    | DGC           |
| Stone    | LECTU | r    | DGC           |
| Stone    | TMPRO | r    | DGC           |
| Stone    | DGC   | s    | DGC           |
| Stone    | WANTS | s    | DGC           |
| Stone    | THIS  | s    | DGC           |
| Stone    | SPACE | s    | DGC           |
| Durham   | OPNFI | r    | WSD           |
| English  | ALIGN | r    | WKE           |
| English  | STOCK | r    | WKE           |
| English  | MSCAP | r    | WKE           |
| English  | B-NDT | s    | WKE           |
| English  | CALCO | s    | WKE           |
| English  | APGM  | s    | WKE           |
| English  | PGM   | s    | WKE           |
| English  | NDT   | s    | WKE           |
| Watson   | LETTE | r    | WKE           |
| Watson   | NASIP | r    | WKE           |
| Watson   | NASAP | r    | WKE           |

|             |       |   |      |  |
|-------------|-------|---|------|--|
| Irby        | JUNK  | r | CHI  |  |
| Irby        | NLS   | s | CHI  |  |
| Irby        | INLS  | s | CHI  |  |
| Irby        | 2NLS  | s | CHI  |  |
| Irby        | 3NLS  | s | CHI  |  |
| Irby        | 4NLS  | s | CHI  |  |
| Irby        | T-ARP | s | CHI  |  |
| Irby        | Y-CLN | s | CHI  |  |
| Irby        | Y-VCT | s | CHI  |  |
| Irby        | R-SPL | s | CHI  |  |
| Irby        | G-TRE | s | CHI  |  |
| Meisling    | DEL   | r | DGC  |  |
| Meisling    | NICNL | r | DGC  |  |
| Meisling    | FLTUG | r | DGC  |  |
| Meisling    | LOADS | r | DGC  |  |
| Meisling    | NICFP | r | DGC  |  |
| Meisling    | NICAP | r | D/GC |  |
| Meisling    | REWRI | r | DGC  |  |
| Tomlin      | NOTES | r | FKT  |  |
| Tomlin      | MEMO  | r | FKT  |  |
| Tomlin      | NET   | r | FKT  |  |
| Levine      | GODFI | s | FKT  |  |
| Levine      | GODFD | r | FKT  |  |
| Van De Riet | V2    | s | EKV  |  |
|             | .     |   |      |  |
|             | .     |   |      |  |
|             | .     |   |      |  |

|             |       |   |     |
|-------------|-------|---|-----|
| Van De Riet | V80   | s | EKV |
| Duvall      | PHILD | r | WSD |
| Duvall      | GOODY | r | WSD |
| Duvall      | QED C | r | WSD |
| Duvall      | NLS C | r | WSD |
| Duvall      | DOC   | r | WSD |
| Hardy       | SEQGE | r | WSD |
| Hardy       | RECIN | r | WSD |
| Hardy       | INPFB | r | WSD |
| Hardy       | CDSPL | r | WSD |
| Hardy       | UTILI | r | WSD |
| Hardy       | STRMN | r | WSD |

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(HOPPER)/FILE      11/21/99 1740:50
SYSTEM              1 800 70 16600000 9072853 8950329
✓ LAMPSON           2 511 150 16600000 335627 163697
✓ DEUTSCH           3 511 150 16600000 421770 555990
ENGELBART AHI      4 800 50 16600000 5730285 8185365
LICHTENBERGER      5 511 150 16600000 40788 85199
done ENGLISH        6 800 50 16600000 6920193 7657518
LEVINE              7 511 90 16600000 3908655 3353341
BATES               8 300 50 16600000 2862665 3804811
OLOFSEN            9 120 30 1000000 1063105 2144063
MONITOR NEW        10 511 150 16600000 669640 997175
GUEST              11 150 40 1000000 1963460 4091756
✓ HOPPER           12 800 90 16600000 8821933 7817994
— WATSON           13 120 40 3000000 137045 144223
CARILLON ARC       14 800 40 12600000 654282 1237849
ANGLUIN $$$$       15 511 150 16600000 18703 85699
HAY TP3L          16 511 150 16600000 122959 58167
HARDY              17 300 90 16600000 4817411 3128980
EXECUTIVE $$$$     18 511 150 16600000 240414 303775
done ANDREWS AHI    19 800 90 16600000 1588200 2343183
HUGGINS           20 511 150 16600000 270904 249520
MEISLING          21 120 90 12400000 15677 132947
META              22 800 90 16600000 5482385 8424160
✓ MOL              23 511 90 16600000 429451 780516
✓ TREE            24 800 90 16600000 465104 1116304
PASS4             25 800 50 16600000 2780035 2976655
NLS AHI           26 1800 90 16600000 882087 11586271
LISP              27 511 50 16600000 259888 880126
JACKSON , 'Z"     28 200 70 7000000 620072 1244295
STONE LF:I        29 150 90 2400000 8708 37705
EVANS EANJ        30 800 50 16600000 3513825 7242874
CASSERES         31 800 50 16600000 5141169 7496173
✓ XDOC            32 511 50 16600000 2169100 6211486
✓ RULIFSON        33 800 90 16600000 5009701 7146672
SDS               34 200 30 12600000 293048 2767724
ERICKSON          35 511 150 16600000 138623 89041
TOMLIN           36 800 70 16600000 6251922 8117139
BALL AHI          37 700 70 16600000 1764976 4746309
PAAVOLA           38 511 70 16600000 489962 1216738
PARSLEY           39 600 70 12600000 854574 1239537
NIC NJ'E 40      40 800 70 16600000 693100 3865508
DURHAM           41 511 150 16600000 300917 681196
— SHAPIRO LEA 42 800 91 12600000 754678 4004419
— PAXTON          43 800 90 16600000 4249587 6231358
VAN DE RIET      44 200 90 16600000 3509595 1453848
NOC NP'E 45      45 120 90 3000000 64032 239501
NAC NB'E 46      46 600 70 12600000 41458 234239
IRBY AHI         47 600 70 16600000 609517 1738509
GEOFFRION        48 600 70 16600000 3354353 4982236
DUVALL           49 600 70 16600000 956172 5514175
JOURNAL DAC      50 600 70 12600000 110989 742963
DIALOGUE AHI    51 600 70 12600000 831736 2875923
MSR ARC          52 600 70 12600000 150769 964191
NORTON ARC       53 600 70 16600000 1825839 9268967
FADIMAN AHI     54 600 70 12600000 15681 72547
(HOPPER)/FILE    11/21/99 1740:50

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*Waters  
+ tree*

(HOPPER)/FILE 11/21/99 1740:50  
CALDWELL AHI 55 600 70 16600000 695498 3252536  
PRINCE ARC 56 600 70 12600000 355716 1224982  
PILOT ><Vh 57 600 70 2400000 53731 128342  
CHURCH ARC 58 600 70 16600000 912398 3536513  
BASS 59 600 70 12600000 528218 2194590  
TODAS 60 600 70 16600000 70192 387555  
NIXON 61 600 70 12600000 66032 79875  
YARBOROUGH 62 600 70 12600000 780971 1315208  
TRUNDY ARC 63 600 70 12600000 342674 1008064  
GARR 64 600 70 16600000 1119147 1479470  
(HOPPER)/FILE 11/21/99 1740:50

11/19/69

ARCHIVE R FILES

:INVEN, 11/19/69 0918:39 MGC ; /" r "/;  
(CALDWELL,ARKIV,2a:xbbbgn) .DSN=1; .LSP=0; .RTJ=0; .PGN=0;  
.DPR=0;

January

|          |       |   |     |     |
|----------|-------|---|-----|-----|
| Andrews  | TREE  | r | B-c | MGC |
| Andrews  | CMLEX | r | B-c | MGC |
| Andrews  | NLSFI | r | B-c | MGC |
| Andrews  | DATAF | r | B-c | MGC |
| Andrews  | SPECI | r | B-c | MGC |
| Andrews  | INPFB | r | B-c | MGC |
| Andrews  | SDBMN | r | B-c | MGC |
| Andrews  | MAINT | r | B-c | MGC |
| Andrews  | OUTLN | r | B-c | MGC |
| Deutsch  | XFD   | r | B-b | ARG |
| Deutsch  | TEMP  | r | B-b | ARG |
| Deutsch  | WNOT  | r | B-b | ARG |
| Deutsch  | BTST  | r | B-b | ARG |
| Deutsch  | EBSFD | r | B-b | ARG |
| Deutsch  | AF7   | r | B-b | ARG |
| English  | PFJCC | r | D-c | WKE |
| Watson   | DCMEQ | r | D-b | WKE |
| Rulifson | NETPL | r | D-c | MGC |
| Rulifson | LOADS | r | D-c | MGC |
| Rulifson | MMM   | r | D-c | MGC |
| Rulifson | REWRI | r | D-c | MGC |
| Rulifson | RELAT | r | D-c | MGC |
| NLS      | DIREC | r | B-c | WHP |
| NLS      | CIA   | r | B-c | WHP |
| Shapiro  | FINAL | r | D-c | EGS |
| Shapiro  | N4    | r | D-c | EGS |
| Shapiro  | N3    | r | D-c | EGS |

|                          |       |   |     |     |
|--------------------------|-------|---|-----|-----|
| Shapiro                  | N1    | r | D-c | EGS |
| Shapiro                  | Ch    | r | D-c | EGS |
| Shapiro                  | C3    | r | D-c | EGS |
| Shapiro                  | C2    | r | D-c | EGS |
| Shapiro                  | C1    | r | D-c | EGS |
| Tree                     | MOLR  | r | D-c | WHP |
| Tree                     | TMR   | r | D-c | WHP |
| Tree                     | PS4SG | r | D-c | WHP |
| Tree                     | MOLSG | r | D-c | WHP |
| <i>February</i><br>Stone | CHING | r | B-c | DGC |
| English                  | TSKAC | r | D-c | WKE |
| Rulifson                 | MUSIC | r | D-c | MGC |
| Levine                   | TODNP | r | D-d | FKT |
| Levine                   | TODUG | r | B-b | FKT |
| Levine                   | NTODA | r | D-d | FKT |

March

|          |       |   |     |     |
|----------|-------|---|-----|-----|
| Rulifson | BCIS  | r | D-c | MGC |
| Rulifson | DEL   | r | D-c | MGC |
| Shapiro  | N9    | r | D-c | EGS |
| Shapiro  | N10   | r | D-c | EGS |
| SDS      | RFRNC | r | C-c | DGC |
| SDS      | QROME | r | D-c | DGC |
| Tomlin   | SPCIS | r | D-d | FKT |
| Tomlin   | NICNO | r | D-d | FKT |

April

|          |       |   |     |     |
|----------|-------|---|-----|-----|
| Casseres | CONAN | r | B-b | DGC |
| Duvall   | NOTES | r | D-d | WSD |
| Duvall   | ATODA | r | D-d | WSD |
| Duvall   | BTODA | r | D-d | WSD |
| Duvall   | CTODA | r | D-d | WSD |
| Duvall   | DTODA | r | D-d | WSD |
| Duvall   | NLS A | r | D-d | WSD |
| Duvall   | ETODA | r | D-d | WSD |
| Watson   | CHSET | r | D-c | WKE |
| Rulifson | CDP   | r | D-c | MGC |
| Rulifson | LEVEL | r | D-c | MGC |
| Shapiro  | N11   | r | D-c | EGS |
| Shapiro  | N8    | r | D-c | EGS |
| Tomlin   | WORK  | r | D-d | FKT |
| Levine   | GODSG | r | D-d | FKT |
| Levine   | GODNP | r | D-d | FKT |

May

|          |       |   |     |     |
|----------|-------|---|-----|-----|
| Deutsch  | SAVE  | r | B-b | ARG |
| Duvall   | XTODA | r | D-d | WSD |
| Duvall   | GTODA | r | D-d | WSD |
| Duvall   | QTODA | r | D-d | WSD |
| Duvall   | JTODA | r | D-d | WSD |
| Duvall   | FTODA | r | D-d | WSD |
| Duvall   | NET   | r | D-d | WSD |
| Irby     | AHIGO | r | D-d | CHI |
| Irby     | DOCFU | r | D-d | CHI |
| Irby     | NWOVR | r | D-d | CHI |
| Rulifson | ULI   | r | D-c | MGC |
| Rulifson | ULC   | r | D-c | MGC |
| Rulifson | SUBST | r | D-c | MGC |
| Rulifson | STRAC | r | D-c | MGC |
| Tomlin   | CONTS | r | D-d | FKT |
| Levine   | GODOL | r | D-d | FKT |

June

|           |       |   |     |     |
|-----------|-------|---|-----|-----|
| Casseres  | NLKV  | r | B-b | DGC |
| Casseres  | NLINT | r | B-b | DGC |
| Casseres  | INFOR | r | B-b | DGC |
| Casseres  | NLDEF | r | B-b | DGC |
| Duvall    | NILNT | r | D-d | WSD |
| Durham    | TODAS | r | D-d | WSD |
| Durham    | BACKU | r | D-d | WSD |
| Durham    | NTODA | r | D-d | WSD |
| Durham    | IBACK | r | D-d | WSD |
| Geoffrion | TEST  | r | B-c | ARG |
| Irby      | DOGLO | r | D-d | CHI |
| Meta      | SAL   | r | B-c | MGC |
| Rulifson  | LOGEQ | r | D-c | MGC |
| Rulifson  | HIKES | r | D-c | MGC |
| Tomlin    | TSTAT | r | D-d | FKT |
| Tomlin    | COCIS | r | D-d | FKT |
| Tomlin    | CHGIS | r | D-d | FKT |
| Tomlin    | SRIDR | r | D-d | FKT |
| Levine    | VICIS | r | D-d | FKT |
| Levine    | GODDE | r | B-d | FKT |

*July*

|                          |       |   |           |     |
|--------------------------|-------|---|-----------|-----|
| Bass                     | SCROD | r | B-c       | MGC |
| Casseres                 | NLVCH | r | B-b       | DGC |
| Casseres                 | NLETC | r | B-b       | DGC |
| Casseres                 | CALUG | r | B-b       | DGC |
| Casseres                 | NLVP  | r | B-b       | DGC |
| Casseres                 | KDFUG | r | B-b       | DGC |
| Paavola                  | UFPFL | r | B-d       | DGC |
| Duvall                   | HTODA | r | D-d       | WSD |
| Geoffrion                | TAPE  | r | D-c       | ARG |
| Irby                     | TRNSF | r | D-d       | CHI |
| NLS                      | C-NLS | r | B-c       | WHP |
| Erickson                 | MISCM | r | B-b       | CHI |
| MOL                      | SPL   | r | B-b       | CHI |
| Tomlin                   | CISFD | r | B-d       | FKT |
| Levine                   | GOCIS | r | D-d       | FKT |
| Levine                   | BOCIS | r | D-d       | FKT |
| Levine                   | V2CIS | r | D-d       | FKT |
| Levine                   | GODO2 | r | D-d       | FKT |
| Levine                   | GODOG | r | D-d       | FKT |
| Levine                   | OPSP  | r | B-c       | FKT |
| <i>August</i><br>Andrews | AHIDS | r | B-c       | MGC |
| Ball                     | ITHY  | r | D-d       | GHB |
| Caldwell                 | MOX   | r | D-c       | MGC |
| Paavola                  | A2SAR | r | B-d       | DGC |
| Duvall                   | LIST  | r | D-d       | WSD |
| Parsley                  | UTILT | r | ?owned by | WSD |
| NLS                      | NWBUG | r | B-c       | WHP |

|                      |       |   |     |     |
|----------------------|-------|---|-----|-----|
| Tomlin               | PS4FD | r | B-c | FKT |
| Tomlin               | FD    | r | B-c | FKT |
| Tomlin               | GODFD | r | B-b | FKT |
| Levine               | GODO3 | r | B-b | FKT |
| Levine               | GODUG | r | B-c | FKT |
| Levine               | GODPL | r | B-c | FKT |
| Levine               | GODGL | r | B-d | FKT |
| September<br>Andrews | IOCTL | r | B-c | MGC |
| Andrews              | RECIN | r | B-c | MGC |
| Andrews              | UTILT | r | B-c | MGC |
| Meta                 | SLIBE | r | B-b | MGC |
| Meta                 | LIBE  | r | B-b | MGC |
| Meta                 | TREE  | r | B-b | MGC |
| Bass                 | PORTL | r | B-c | MGC |
| Bass                 | BRIEF | r | B-c | MGC |
| Bass                 | PORTA | r | B-c | MGC |
| Bass                 | INDEX | r | B-c | MGC |
| Bass                 | XAMPL | r | B-c | MGC |
| Bass                 | BLURB | r | B-c | MGC |
| Bass                 | PROCS | r | B-c | MGC |
| Caldwell             | UCSB  | r | D-c | MGC |
| Caldwell             | TOFFL | r | D-c | MGC |
| Caldwell             | MGOAL | r | D-c | MGC |
| Caldwell             | MGCJO | r | B-b | MGC |
| Casseres             | BLURB | r | B-d | DGC |
| Casseres             | UFNPC | r | B-c | DGC |
| Casseres             | UFNPB | r | B-c | DGC |

|                        |       |   |     |     |
|------------------------|-------|---|-----|-----|
| Stone                  | BIBL  | r | B-c | DGC |
| Church                 | PRES  | r | B-c | MSC |
| Geoffrion              | FILDR | r | D-c | ARG |
| Geoffrion              | FLIP3 | r | B-c | ARG |
| Geoffrion              | FLIP  | r | B-c | ARG |
| Geoffrion              | GRAPH | r | B-c | ARG |
| NLS                    | NOTES | r | B-d | CHI |
| Erickson               | MNCTR | r | B-b | CHI |
| MOL                    | PASS1 | r | B-b | CHI |
| Rulifson               | SYSGD | r | D-c | MGC |
| Paxton                 | SIMUL | r | B-b | WHP |
| <i>October</i><br>Ball | CEIR  | r | B-a | GHB |
| Ball                   | CENS  | r | B-b | GHB |
| Caldwell               | SYSTP | r | B-b | MGC |
| Caldwell               | HRSTC | r | B-b | MGC |
| Caldwell               | XHAND | r | B-b | MGC |
| Caldwell               | ARKIV | r | B-b | MGC |
| Caldwell               | FTS   | r | B-b | MGC |
| Caldwell               | FD    | r | B-b | MGC |
| Caldwell               | TAPIN | r | B-b | MGC |
| Caldwell               | SUPPO | r | D-c | MGC |
| Caldwell               | RAPRO | r | D-c | MGC |
| Casseres               | TODCC | r | B-b | DGC |
| Paavola                | NPMEM | r | B-b | DGC |
| Irby                   | CRASH | r | D-d | CHI |
| Erickson               | CALC  | r | B-b | CHI |
| Erickson               | DISBU | r | B-b | CHI |

|          |       |   |     |     |
|----------|-------|---|-----|-----|
| Erickson | KEYWD | r | B-b | CHI |
| Erickson | IOCTL | r | B-b | CHI |
| Erickson | INPFB | r | B-b | CHI |
| Erickson | CLNUP | r | B-b | CHI |
| Erickson | DATA  | r | B-b | CHI |
| Erickson | LNKSU | r | B-b | CHI |
| Erickson | CACMP | r | B-b | CHI |
| Erickson | AUXCO | r | B-b | CHI |
| Erickson | DIDDL | r | B-b | CHI |
| Erickson | CDSPL | r | B-b | CHI |
| MOL      | OUTOV | r | B-b | CHI |
| MOL      | TODA2 | r | B-b | CHI |
| MOL      | STRMN | r | B-b | CHI |
| MOL      | NOUTO | r | B-b | CHI |
| MOL      | TODAl | r | B-b | CHI |
| MOL      | SEQGE | r | B-b | CHI |
| MOL      | VCTED | r | B-b | CHI |
| MOL      | PRMSP | r | B-b | CHI |
| MOL      | 2VCTE | r | B-b | CHI |
| MOL      | REGIN | r | B-b | CHI |
| MOL      | SDBMN | r | B-b | CHI |
| Norton   | JPLAN | r | B-a | JCN |
| Norton   | RECRU | r | B-b | JCN |
| Paxton   | NMOLR | r | B-b | WHP |
| System   | MFILE | r | B-b | ARG |
| XDOC     | X27UP | r | B-b | MGC |
| XDOC     | X28UP | r | B-b | MGC |

|      |       |   |     |     |
|------|-------|---|-----|-----|
| XDOC | X29UP | r | B-b | MGC |
| XDOC | X30UP | r | B-b | MGC |
| XDOC | X31UP | r | B-b | MGC |
| XDOC | X32UP | r | B-b | MGC |
| XDOC | X33UP | r | B-b | MGC |
| XDOC | X34UP | r | B-b | MGC |
| XDOC | X35UP | r | B-b | MGC |
| XDOC | X36UP | r | B-b | MGC |
| XDOC | X37UP | r | B-b | MGC |
| XDOC | X38UP | r | B-b | MGC |
| XDOC | X39UP | r | B-b | MGC |
| XDOC | X40UP | r | B-b | MGC |
| XDOC | X41UP | r | B-b | MGC |
| XDOC | CUSER | r | B-b | MGC |

:INVEN, 11/19/69 0855:57 MGC ; [" s "];  
(CALDWELL,ARKIV,2a:xbbbn) .DSN=1; .LSP=0; .RTJ=0; .PGN=0;  
.DPR=0;

January

*Andrews  
+ Meta files*

|         |       |     |     |     |
|---------|-------|-----|-----|-----|
| Angluin | WKSRI | s   | B-b | ARG |
| Angluin | NARP  | s 1 | B-b | ARG |
| Angluin | IT    | s   | B-b | ARG |
| Angluin | DM    | s   | B-b | ARG |
| Angluin | DT    | s   | B-b | ARG |
| Angluin | MC    | s   | B-b | ARG |
| Angluin | ODDT  | s 1 | B-b | ARG |
| Deutsch | CRASH | s 4 | B-b | ARG |
| Deutsch | NLS   | s 1 | B-b | ARG |
| Deutsch | TEST  | s   | B-b | ARG |
| Deutsch | 3EST  | s   | B-b | ARG |
| Deutsch | 2EST  | s   | B-b | ARG |
| Deutsch | 2SST  | s   | B-b | ARG |
| Deutsch | 1SS/5 | s   | B-b | ARG |
| Deutsch | 4XM   | s 1 | B-b | ARG |
| Deutsch | FICOP | s   | B-b | ARG |
| Deutsch | CFSIM | s 1 | B-b | ARG |
| Deutsch | 3XM   | s 1 | B-b | ARG |
| Deutsch | 2XM   | s 1 | B-b | ARG |
| Deutsch | 1XM   | s 1 | B-b | ARG |
| Deutsch | 1EST  | s   | B-b | ARG |
| Deutsch | SYSSV | s 1 | B-b | ARG |
| Deutsch | 2MM   | s 1 | B-b | ARG |
| Deutsch | 1MM   | s 1 | B-b | ARG |
| Deutsch | WKSRI | s   | B-b | ARG |
| Deutsch | FIDEL | s   | B-b | ARG |
| English | DT196 | s   | D-c | WKE |

JanJuly*Andrews XMETA S1*Aug*Meta**R7/24 SA**Meta**T7/24 S1*Oct-Nov*Meta T1016 S1**Meta ~~R11/8~~**Meta R11/8 SA**Meta T10/9 S1**Meta R20 SA**Meta T8/28 S1*

|           |       |            |     |     |
|-----------|-------|------------|-----|-----|
| Watson    | NETEQ | s          | D-c | WKE |
| Executive | XhFC  | s          | B-b | ARG |
| Executive | X3FB  | s          | B-b | ARG |
| Executive | X1CR  | s          | B-b | ARG |
| Hay       | WY-SD | s          | B-c | CHI |
| Lisp      | SYDOC | s          | D-c | ARG |
| Lisp      | DOCTR | s          | D-c | ARG |
| Lisp      | SCRPT | s          | D-c | ARG |
| Lisp      | LISP  | s <u>1</u> | D-c | ARG |
| Lisp      | LLIBE | s          | D-c | ARG |
| Lisp      | LCOMP | s          | D-c | ARG |
| Monitor   | ONTTY | s          | B-b | ARG |
| Monitor   | SNTTY | s          | B-b | ARG |
| Monitor   | NSTTY | s          | B-b | ARG |
| Monitor   | QPR   | s          | B-b | ARG |
| Monitor   | HLIST | s          | B-b | ARG |
| Monitor   | NSYSS | s <u>1</u> | B-b | ARG |
| Monitor   | CLIST | s          | B-b | ARG |
| Monitor   | REX   | s <u>1</u> | B-b | ARG |
| Monitor   | S2M   | s          | B-b | ARG |
| Monitor   | SBRS  | s          | B-b | ARG |
| Monitor   | SMEM  | s          | B-b | ARG |
| Monitor   | SPAC  | s          | B-b | ARG |
| Monitor   | SRUP  | s          | B-b | ARG |
| Monitor   | SIO   | s          | B-b | ARG |
| Monitor   | SW    | s          | B-b | ARG |
| Rulifson  | POLY1 | s          | D-c | MGC |

|          |       |     |     |     |
|----------|-------|-----|-----|-----|
| Rulifson | POLYT | s   | D-c | MGC |
| Rulifson | WATCH | s   | D-c | MGC |
| Rulifson | CHECK | s   | D-c | MGC |
| Rulifson | ADDER | s   | D-c | MGC |
| Rulifson | POLAR | s   | D-c | MGC |
| Rulifson | SUPER | s   | D-c | MGC |
| NLS      | STAT  | s 1 | B-c | WHP |
| NLS      | GHDFX | s 1 | B-c | WHP |
| NLS      | RRDFD | s 4 | B-c | WHP |
| NLS      | SOUND | s 1 | B-c | WHP |
| NLS      | G-QLD | s 1 | B-c | WHP |
| NLS      | G-PSO | s 1 | B-c | WHP |
| NLS      | NLSOU | s   | B-c | WHP |
| NLS      | G-CML | s 1 | B-c | WHP |
| NLS      | CFSIM | s 1 | B-c | WHP |
| NLS      | B-NLS | s   | B-c | WHP |
| System   | DISKT | s   | B-b | ARG |
| System   | TPSCN | s 1 | B-b | ARG |
| System   | B-INT | s   | B-b | ARG |
| System   | B-DTN | s   | B-b | ARG |
| System   | G-PS1 | s 1 | B-b | ARG |
| System   | ARPAS | s 1 | B-b | ARG |
| System   | META  | s 1 | B-b | ARG |
| System   | WDT   | s 1 | B-b | ARG |
| System   | XUDIR | s   | B-b | ARG |
| System   | DWDT  | s   | B-b | ARG |
| System   | DW/17 | s   | B-b | ARG |

|        |        |     |     |     |
|--------|--------|-----|-----|-----|
| System | HTEMP  | s   | B-b | ARG |
| System | MOL    | s 1 | B-b | ARG |
| System | KDF    | s 1 | B-b | ARG |
| System | UTCFD  | s   | B-b | ARG |
| System | UDFIX  | s 1 | B-b | ARG |
| System | SCAN   | s 1 | B-b | ARG |
| System | TDUP   | s   | B-b | ARG |
| System | FXCFD  | s 1 | B-b | ARG |
| System | QSPL   | s 1 | B-b | ARG |
| System | MAIL   | s 1 | B-b | ARG |
| System | CCP    | s 1 | B-b | ARG |
| System | \$2PTE | s   | B-b | ARG |
| System | \$1PTE | s   | B-b | ARG |
| System | CLOAD  | s   | B-b | ARG |
| System | BACKG  | s 1 | B-b | ARG |
| Pass 4 | BEP4   | s   | B-c | FKT |
| Pass 4 | SEP4   | s   | B-c | FKT |
| Pass 4 | BD-S   | s   | B-c | FKT |
| Pass 4 | SD-S   | s   | B-c | FKT |
| Pass 4 | SDSYN  | s   | B-c | FKT |
| Pass 4 | SDMET  | s   | B-c | FKT |
| Pass 4 | REDP4  | s 4 | B-c | FKT |
| Levine | G-TOD  | s   | B-b | FKT |

## February

|       |           |       |     |     |     |
|-------|-----------|-------|-----|-----|-----|
|       | System    | TAPE  | s   | B-b | ARG |
|       | System    | PTEST | s 1 | B-b | ARG |
|       | Passh     | SDIR  | s   | B-c | FKT |
|       | Levine    | TODAL | s   | D-d | FKT |
|       | Levine    | TODOP | s   | D-d | FKT |
| March | Hay       | BCAMC | s   | B-c | CHI |
|       | Meta      | OPCOD | s   | B-c | MGC |
| April | Hardy     | B-D96 | s   | B-b | MEH |
| May   | Geoffrion | CONVT | s   | B-c | ARG |
|       | Geoffrion | FORK  | s   | B-c | ARG |
|       | Geoffrion | FLIP2 | s   | B-c | ARG |
|       | Hardy     | TTY   | s   | B-b | MEH |
|       | Pilot     | DIODE | s   | B-b | ARG |
|       | Pilot     | DEMO  | s   | B-b | ARG |
|       | Pilot     | QUEST | s   | D-c | ARG |
|       | Pilot     | EBIN  | s   | D-c | ARG |
|       | Pilot     | LATE  | s   | D-c | ARG |
|       | Pilot     | INSTN | s   | D-c | ARG |
|       | Pilot     | TRANS | s   | D-c | ARG |
|       | Pilot     | WAVES | s   | D-c | ARG |
|       | Pilot     | FASOR | s   | D-c | ARG |
|       | Pilot     | SEMIC | s   | D-c | ARG |
|       | Pilot     | LAST  | s   | D-c | ARG |
|       | Pilot     | BKUPE | s   | D-c | ARG |
|       | Pilot     | BKUPC | s   | D-c | ARG |
|       | Pilot     | CBIN  | s   | D-c | ARG |
|       | Pilot     | PILOT | s   | D-c | ARG |

|                          |       |     |     |     |
|--------------------------|-------|-----|-----|-----|
| Pilot                    | SIGNL | s   | D-c | ARG |
| Pilot                    | CMPLX | s   | B-b | ARG |
| Pilot                    | RES   | s   | B-b | ARG |
| System                   | NUDIR | s   | B-b | ARG |
| System                   | Q37   | s 1 | B-b | ARG |
| System                   | OUDIR | s   | B-b | ARG |
| System                   | KLP4P | s 1 | B-b | ARG |
| System                   | KLPNT | s 1 | B-b | ARG |
| <i>June</i><br>Geoffrion | FASOR | s   | D-c | ARG |
| Geoffrion                | CMPLX | s   | D-c | ARG |
| Geoffrion                | SIGNL | s   | D-c | ARG |
| Geoffrion                | WAVES | s   | D-c | ARG |
| Geoffrion                | PDISC | s   | D-c | ARG |
| Geoffrion                | PLAST | s   | D-c | ARG |
| Geoffrion                | PLCMP | s   | D-c | ARG |
| Geoffrion                | PLEXU | s   | D-c | ARG |
| Pilot                    | Files | s   | B-b | ARG |
| Rulifson                 | XCALX | s   | D-c | MGC |
| Rulifson                 | STRAX | s   | D-c | MGC |
| Rulifson                 | GLOG  | s 1 | D-c | MGC |
| Passh                    | BARAY | s   | B-c | FKT |
| Passh                    | SARAY | s   | B-c | FKT |
| <i>July</i><br>Meta      | R19   | s   | B-c | MGC |
| Angluin                  | ONDDT | s 1 | B-b | ARG |
| Angluin                  | DUDDT | s 4 | B-b | ARG |
| Angluin                  | SBREK | s   | B-b | ARG |
| Angluin                  | SLOAD | s   | B-b | ARG |

|           |       |     |     |     |
|-----------|-------|-----|-----|-----|
| Angluin   | SNEW  | s   | B-b | ARG |
| Angluin   | STEMP | s   | B-b | ARG |
| Angluin   | CPDDT | s   | B-b | ARG |
| Angluin   | SMAIN | s   | B-b | ARG |
| Todas     | NLS   | s 1 | B-a | WSD |
| Todas     | 1NLS  | s 1 | B-a | WSD |
| Todas     | 2NLS  | s 1 | B-a | WSD |
| Todas     | 3NLS  | s 1 | B-a | WSD |
| Todas     | 4NLS  | s 1 | B-a | WSD |
| Todas     | NMOL  | s 1 | B-a | WSD |
| Todas     | NMETA | s 1 | B-a | WSD |
| Executive | 3EST  | s   | B-b | ARG |
| Executive | TTBMM | s 1 | B-b | ARG |
| Executive | SYSSV | s 1 | B-b | ARG |
| Executive | 2MM   | s 1 | B-b | ARG |
| Executive | 1MM   | s 1 | B-b | ARG |
| Executive | X7IT  | s   | B-b | ARG |
| Executive | 4EST  | s   | B-b | ARG |
| Executive | 2EST  | s   | B-b | ARG |
| Executive | 1EST  | s   | B-b | ARG |
| Executive | 4XM   | s 1 | B-b | ARG |
| Executive | 3XM   | s 1 | B-b | ARG |
| Executive | 2XM   | s 1 | B-b | ARG |
| Executive | 1XM   | s 1 | B-b | ARG |
| Executive | LX7IT | s   | B-b | ARG |
| Geoffrion | DVERT | s   | D-c | ARG |
| Huggins   | NB5XB | s   | B-b | ARG |

|         |        |     |     |     |
|---------|--------|-----|-----|-----|
| Huggins | NB7IT  | s   | B-b | ARG |
| NLS     | FILUT  | s   | B-c | CHI |
| NLS     | SYMBO  | s   | B-c | WHP |
| NLS     | RPASH  | s   | B-c | WHP |
| NLS     | LODCO  | s   | B-b | CHI |
| NLS     | LODNL  | s   | B-d | CHI |
| NLS     | NLSFI  | s   | B-b | CHI |
| Hay     | MN-AR  | s   | B-c | CHI |
| Hay     | Y-INP  | s 1 | B-c | CHI |
| Hay     | Y-TOD  | s 1 | B-c | CHI |
| Hay     | TR-AR  | s 4 | B-c | CHI |
| Hay     | T-ARP  | s 4 | B-c | CHI |
| Paxton  | Y-OUT  | s 1 | B-b | WHP |
| System  | GPAS1  | s 1 | B-b | ARG |
| System  | XMETA  | s 1 | B-b | ARG |
| Passh   | BNFMT  | s   | B-c | FKT |
| Passh   | PASSh  | s 1 | B-c | FKT |
| Passh   | BPh    | s   | B-c | FKT |
| Passh   | SPh    | s   | B-c | FKT |
| Passh   | BDATA  | s   | B-c | FKT |
| Passh   | SDATA  | s   | B-c | FKT |
| Passh   | R-Ph   | s 4 | B-c | FKT |
| Passh   | BPh-PI | s   | B-c | FKT |
| Passh   | BPNGN  | s   | B-c | FKT |
| Passh   | BNLPh  | s   | B-c | FKT |
| Passh   | RNLPh  | s   | B-c | FKT |
| Passh   | SFMT   | s   | B-c | FKT |

*System Pass 4 s 1*

|        |       |   |     |     |
|--------|-------|---|-----|-----|
| Passh  | PhPIC | s | B-c | FKT |
| Passh  | SNFMT | s | B-c | FKT |
| Passh  | SNLPh | s | B-c | FKT |
| Passh  | SNPGN | s | B-c | FKT |
| Passh  | BIOPh | s | B-c | FKT |
| Passh  | BFMT  | s | B-c | FKT |
| Passh  | SIOPh | s | B-c | FKT |
| Passh  | WY-SD | s | B-c | FKT |
| Levine | GODCH | s | D-c | FKT |

August

|                    |       |     |     |     |
|--------------------|-------|-----|-----|-----|
| Andrews            | XMETA | s   | B-c | MGC |
| Meta               | R7/24 | s   | B-c | MGC |
| Meta               | Q7/24 | s   | B-c | MGC |
| Meta               | T7/24 | s   | B-c | MGC |
| Meta               | Q20   | s   | B-c | MGC |
| Meta               | Q7/22 | s   | B-c | MGC |
| Meta               | T7/22 | s   | B-c | MGC |
| Meta               | INITL | s   | B-c | MGC |
| Angluin            | DDT   | s 1 | B-b | ARG |
| Todas              | XPASH | s 1 | B-a | WSD |
| Todas              | X2NLS | s 1 | B-a | WSD |
| Todas              | X3NLS | s 1 | B-a | WSD |
| Todas              | XPROC | s 1 | B-a | WSD |
| Executive          | CRA1  | s 1 | B-b | ARG |
| Geoffrion          | NFD   | s   | B-b | ARG |
| <del>Monitor</del> | TTBMM | s 1 | B-b | ARG |
| <del>Monitor</del> | ECPAR | s   | B-b | ARG |
| <del>Monitor</del> | CPARE | s 1 | B-b | ARG |
| <del>Monitor</del> | 2SST  | s   | B-b | ARG |
| <del>Monitor</del> | 1SST  | s   | B-b | ARG |
| <del>Monitor</del> | 2MM   | s 1 | B-b | ARG |
| <del>Monitor</del> | 1MM   | s 1 | B-b | ARG |
| <del>Monitor</del> | SYSSV | s 1 | B-b | ARG |
| NLS                | TODCT | s   | B-c | WHP |
| NLS                | NWLOD | s   | B-b | CHI |
| NLS                | RECOR | s   | B-b | CHI |
| NLS                | BINAR | s   | B-b | CHI |

|     |       |     |     |     |
|-----|-------|-----|-----|-----|
| NLS | FILU  | s   | B-d | CHI |
| Hay | POPS  | s 1 | B-c | CHI |
| Hay | B2VCT | s   | B-c | CHI |
| Hay | BSEQG | s   | B-c | CHI |
| Hay | BIOCT | s   | B-c | CHI |
| Hay | BCALC | s   | B-c | CHI |
| Hay | BCACM | s   | B-c | CHI |
| Hay | BDIDD | s   | B-c | CHI |
| Hay | BKEYW | s   | B-c | CHI |
| Hay | BVCTE | s   | B-c | CHI |
| Hay | BSTRM | s   | B-c | CHI |
| Hay | BTODM | s   | B-c | CHI |
| Hay | BMNCT | s   | B-c | CHI |
| Hay | BAUXC | s   | B-c | CHI |
| Hay | R-ARP | s 4 | B-c | CHI |
| Hay | BTXTE | s   | B-c | CHI |
| Hay | BUTIL | s   | B-c | CHI |
| Hay | BDATA | s   | B-c | CHI |
| Hay | BCLNU | s   | B-c | CHI |
| Hay | BLNKS | s   | B-c | CHI |
| Hay | BPRMS | s   | B-c | CHI |
| Hay | BOUTO | s   | B-c | CHI |
| Hay | BCDSP | s   | B-c | CHI |
| Hay | BDISB | s   | B-c | CHI |
| Hay | BRECI | s   | B-c | CHI |
| Hay | BSDBM | s   | B-c | CHI |
| Hay | BINPF | s   | B-c | CHI |

|                   |        |     |     |     |
|-------------------|--------|-----|-----|-----|
| Paxton            | Y-TSQ  | s 1 | B-b | WHP |
| Paxton            | Y-TOD  | s 1 | B-b | WHP |
| Paxton            | Y-PSH  | s   | B-b | WHP |
| Paxton            | Y-TXT  | s 1 | B-b | WHP |
| Paxton            | Y-STR  | s 4 | B-b | WHP |
| Paxton            | Y-INP  | s 1 | B-b | WHP |
| Paxton            | Y-EXT  | s   | B-b | WHP |
| Paxton            | Y-BAS  | s 4 | B-b | WHP |
| System            | \$NOBO | s 1 | B-b | ARG |
| System            | SNOBO  | s 1 | B-b | ARG |
| System            | CR1B   | s 1 | B-b | ARG |
| System            | CR1A   | s 1 | B-b | ARG |
| Levine            | GODG3  | s 1 | B-b | FKT |
| Yarboroug         | QMUXQ  | s   | B-c | JMY |
| September<br>Meta | BIO    | s   | B-b | MGC |
| Meta              | T10/9  | s   | B-b | MGC |
| Meta              | BLIBE  | s   | B-b | MGC |
| Meta              | 20     | s   | B-b | MGC |
| Meta              | T8/28  | s   | B-b | MGC |
| Executive         | GNARP  | s 1 | B-b | ARG |
| Geoffrion         | NFXCD  | s 1 | B-b | ARG |
| Geoffrion         | SFXCD  | s   | B-c | ARG |
| Hardy             | PAT    | s   | B-b | MEH |
| Huggins           | XNARP  | s 4 | B-c | ARG |
| Huggins           | 3EST   | s   | B-c | ARG |
| Huggins           | B6CM   | s   | B-c | ARG |
| Huggins           | TTBMM  | s 1 | B-c | ARG |

|         |       |     |     |     |
|---------|-------|-----|-----|-----|
| Huggins | BNTTY | s   | B-c | ARG |
| Huggins | BPAC  | s   | B-c | ARG |
| Huggins | 2SST  | s   | B-c | ARG |
| Huggins | 4XM   | s 1 | B-c | ARG |
| Huggins | 4EST  | s   | B-c | ARG |
| Huggins | 3XM   | s 1 | B-c | ARG |
| Huggins | 2XM   | s 1 | B-c | ARG |
| Huggins | 2EST  | s   | B-c | ARG |
| Huggins | 1XM   | s 1 | B-c | ARG |
| Huggins | 1EST  | s   | B-c | ARG |
| Huggins | B2CM  | s   | B-c | ARG |
| Huggins | B5XB  | s   | B-c | ARG |
| Huggins | SYSSV | s 1 | B-c | ARG |
| Huggins | 2MM   | s   | B-c | ARG |
| Huggins | 1MM   | s   | B-c | ARG |
| Huggins | 1SST  | s   | B-c | ARG |
| Huggins | B4FC  | s   | B-c | ARG |
| Huggins | B7IT  | s   | B-c | ARG |
| Huggins | B3FB  | s   | B-c | ARG |
| Huggins | BICR  | s   | B-c | ARG |
| Huggins | ENARP | s 4 | B-c | ARG |
| Huggins | B2M   | s   | B-c | ARG |
| Huggins | B1M   | s   | B-c | ARG |
| Huggins | BBS   | s   | B-c | ARG |
| Huggins | BMEM  | s   | B-c | ARG |
| Huggins | BDRM  | s   | B-c | ARG |
| Huggins | BTTY  | s   | B-c | ARG |

|                    |       |     |     |     |
|--------------------|-------|-----|-----|-----|
| Huggins            | BTS   | s   | B-c | ARG |
| Huggins            | BGSRI | s   | B-c | ARG |
| Huggins            | BRUP  | s   | B-c | ARG |
| Huggins            | BIO   | s   | B-c | ARG |
| Huggins            | BW    | s   | B-c | ARG |
| Huggins            | BSYMS | s   | B-c | ARG |
| Irby               | CODEC | s   | D-d | CHI |
| Irby               | CNVRS | s   | D-d | CHI |
| <del>Monitor</del> | BNTTY | s   | B-b | ARG |
| <del>Monitor</del> | BGSRI | s   | B-b | ARG |
| <del>Monitor</del> | B2M   | s   | B-b | ARG |
| <del>Monitor</del> | BLM   | s   | B-b | ARG |
| <del>Monitor</del> | BRUP  | s   | B-b | ARG |
| <del>Monitor</del> | BERS  | s   | B-b | ARG |
| <del>Monitor</del> | BMEM  | s   | B-b | ARG |
| <del>Monitor</del> | BPAC  | s   | B-b | ARG |
| <del>Monitor</del> | BDRM  | s   | B-b | ARG |
| <del>Monitor</del> | BTTY  | s   | B-b | ARG |
| <del>Monitor</del> | BIO   | s   | B-b | ARG |
| <del>Monitor</del> | BW    | s   | B-b | ARG |
| <del>Monitor</del> | XNARP | s 4 | B-b | ARG |
| <del>Monitor</del> | BSYMS | s   | B-b | ARG |
| <del>Monitor</del> | WKSRI | s   | B-b | ARG |
| <del>Monitor</del> | SLM   | s   | B-b | ARG |
| <del>Monitor</del> | SDRM  | s   | B-b | ARG |
| <del>Monitor</del> | STTY  | s   | B-b | ARG |
| <del>Monitor</del> | SSYMS | s   | B-b | ARG |

|           |       |     |     |     |
|-----------|-------|-----|-----|-----|
| NLS       | FHAND | s   | B-c | CHI |
| Paxton    | Y-CLN | s 4 | B-b | WHP |
| Paxton    | Y-VCT | s 4 | B-b | WHP |
| Paxton    | Y-GRE | s 4 | B-b | WHP |
| Yarboroug | FRID  | s   | B-c | JMY |
| Yarboroug | DOOM  | s   | B-c | JMY |
| Yarboroug | QCDEF | s   | B-c | JMY |

October

|   |           |       |     |     |     |
|---|-----------|-------|-----|-----|-----|
|   | Meta      | R20   | s   | B-b | MGC |
|   | Todas     | QSPL  | s 1 | B-a | WSD |
| ? | Todas     | QMO●L | s 1 | B-a | WSD |
|   | Todas     | XNLS  | s 1 | B-a | WSD |
|   | Todas     | X1NLS | s 1 | B-a | WSD |
|   | Todas     | NPASS | s 1 | B-a | WSD |
|   | Todas     | Q4NLS | s 1 | B-a | WSD |
|   | Todas     | Q3NLS | s 1 | B-a | WSD |
|   | Todas     | Q2NLS | s 1 | B-a | WSD |
|   | Todas     | Q1NLS | s 1 | B-a | WSD |
|   | Todas     | PROCS | s 1 | B-a | WSD |
|   | Todas     | QNLS  | s 1 | B-a | WSD |
|   | Executive | NX4FC | s   | B-b | ARG |
|   | Executive | NX7IT | s   | B-b | ARG |
|   | Executive | NX1CR | s   | B-b | ARG |
|   | Executive | QX5XB | s   | B-b | ARG |
|   | Executive | XTS   | s   | B-b | ARG |
|   | Executive | X2CM  | s   | B-b | ARG |
|   | Executive | ENARP | s 4 | B-b | ARG |
|   | Executive | X5XB  | s   | B-b | ARG |
|   | Executive | QXTS  | s   | B-b | ARG |
|   | Executive | X6CM  | s   | B-b | ARG |
|   | Hardy     | SQ    | s   | B-b | MEH |
|   | Hay       | 4NLS  | s 1 | B-c | CHI |
|   | Hay       | 3NLS  | s 1 | B-c | CHI |
|   | Hay       | 2NLS  | s 1 | B-c | CHI |
|   | Hay       | 1NLS  | s 1 | B-c | CHI |

|        |       |     |     |     |
|--------|-------|-----|-----|-----|
| Hay    | NLS   | s 1 | B-c | CHI |
| Norton | *BUDO | s   | B-b | JCN |
| Norton | *BUDI | s   | B-b | JCN |
| Pilot  | DEAN  | s   | B-b | ARG |
| System | UDIR  | s   | B-b | ARG |
| System | CCPLD | s   | B-b | ARG |

:CONTROL, 11/21/99 2023:53 MGC ; [""];

1 Set 1

1a January random files

1a1 user: andrews

1a1a file: (andrews)tree  
1a1b file: (andrews)cmlex  
1a1c file: (andrews)nlsfi  
1a1d file: (andrews)dataf  
1a1e file: (andrews)speci  
1a1f file: (andrews)inpfb  
1a1g file: (andrews)sdbmn  
1a1h file: (andrews)maint  
1a1i file: (andrews)outln

1a2 user: deutsch

1a2a file: (deutsch)xfd  
1a2b file: (deutsch)temp  
1a2c file: (deutsch)wnot  
1a2d file: (deutsch)btst  
1a2e file: (deutsch)ebsfd  
1a2f file: (deutsch)af7

1a3 user: english

1a3a file: (english)pfjcc  
1a3b file: (watson)dcmeq

1a4 user: paxton

1a4a file: (nls)direc  
1a4b file: (nls)cia  
1a4c file: (tree)molr

1a4d file: (tree)tmr  
1a4e file: (tree)ps4sg  
1a4f file: (tree)molsg

1a5 user: rulifson

1a5a file: (rulifson)netpl  
1a5b file: (rulifson)loads  
1a5c file: (rulifson)mmm  
1a5d file: (rulifson)rewri  
1a5e file: (rulifson)relat

1a6 user: shapiro

1a6a file: (shapiro)final  
1a6b file: (shapiro)n4  
1a6c file: (shapiro)n1  
1a6d file: (shapiro)c4  
1a6e file: (shapiro)c3  
1a6f file: (shapiro)c2  
1a6g file: (shapiro)c1

1b January sequential files

1b1 user: angluin

1b1a file: (angluin)wksri  
1b1b file: (angluin)narp  
1b1c file: (angluin)it  
1b1d file: (angluin)dm  
1b1e file: (angluin)dt  
1b1f file: (angluin)mc  
1b1g file: (angluin)oddt

1b2 user: deutsch

1b2a file: (deutsch)crash  
1b2b file: (deutsch)nls  
1b2c file: (deutsch)test  
1b2d file: (deutsch)3est  
1b2e file: (deutsch)2est  
1b2f file: (deutsch)2sst  
1b2g file: (deutsch)lss/5  
1b2h file: (deutsch)4xm  
1b2i file: (deutsch)ficop  
1b2j file: (deutsch)cfsim  
1b2k file: (deutsch)3xm  
1b2l file: (deutsch)2xm  
1b2m file: (deutsch)1xm  
1b2n file: (deutsch)lest  
1b2o file: (deutsch)syssv  
1b2p file: (deutsch)2mm  
1b2q file: (deutsch)1mm  
1b2r file: (deutsch)wksri  
1b2s file: (deutsch)fidel  
  
1b3 user: english  
    1b3a file: (english)dtl96  
    1b3b file: (watson)neteq  
  
1b4 user: executive  
    1b4a file: (executive)x4fc  
    1b4b file: (executive)x3fb  
    1b4c file: (executive)xlcr  
  
1b5 user: irby

1b5a file: (hay)wy-sd

1b6 user: jackson

1b6a file: (jackson)aipsy

1b6b file: (jackson)goaip

1b6c file: (jackson)blsap

1b6d file: (jackson)acdis

1b7 user: lisp

1b7a file: (lisp)sydoc

1b7b file: (lisp)doctr

1b7c file: (lisp)scrpt

1b7d file: (lisp)lisp

1b7e file: (lisp)llibe

1b7f file: (lisp)lcomp

1b8 user: monitor

1b8a file: (monitor)ontty

1b8b file: (monitor)sntty

1b8c file: (monitor)nstty

1b8d file: (monitor)qpr

1b8e file: (monitor)hlist

1b8f file: (monitor)nsyss

1b8g file: (monitor)clist

1b8h file: (monitor)rex

1b8i file: (monitor)s2m

1b8j file: (monitor)sbrs

1b8k file: (monitor)smem

1b8l file: (monitor)spac

1b8m file: (monitor)srup

1b8n file: (monitor)sio  
1b8o file: (monitor)sw  
1b9 user: olofson  
1b9a file: (olofson)cstat  
1b9b file: (olofson)state  
1b9c file: (olofson)rtes2  
1b9d file: (olofson)rtest  
1b9e file: (olofson)t5-24  
1b9f file: (olofson)test  
1b9g file: (olofson)dwalt  
1b9h file: (olofson)comp  
1b9i file: (olofson)acomp  
1b9j file: (olofson)wtes2  
1b9k file: (olofson)acal  
1b9l file: (olofson)tempr  
1b9m file: (olofson)acct  
1b9n file: (olofson)patc  
1b9o file: (olofson)wtest  
1b9p file: (olofson)music  
1b9q file: (olofson)nflex  
1b9r file: (olofson)uv55t  
1b9s file: (olofson)synta  
1b9t file: (olofson)3henra  
1b9u file: (olofson)logcd  
1b9v file: (olofson)sorta  
1b9w file: (olofson)smant  
1b9x file: (olofson)que

lb9y file: (olofson)tp233  
lb9z file: (olofson)flsyn  
lb9a@ file: (olofson)meta  
lb9aa file: (olofson)moris  
lb9ab file: (olofson)2henra  
lb9ac file: (olofson)mflex  
lb9ad file: (olofson)ackl  
lb9ae file: (olofson)rmdes  
lb9af file: (olofson)henri  
lb9ag file: (olofson)bcomp  
lb9ah file: (olofson)fltst  
lb9ai file: (olofson)new  
lb9aj file: (olofson)qtst  
lb9ak file: (olofson)fcom  
lb9al file: (olofson)error  
lb9am file: (olofson)mail  
lb9an file: (olofson)log  
lb9ao file: (olofson)bob  
lb9ap file: (olofson)thesi  
lb9aq file: (olofson)ftest  
lb9ar file: (olofson)qTTY  
lb9as file: (olofson)rtree  
lb9at file: (olofson)alibe  
lb9au file: (olofson)suprt  
lb9av file: (olofson)qtest  
lb9aw file: (olofson)qspl1  
lb9ax file: (olofson)aca

lb9ay file: (olofson)mahl  
lb9az file: (olofson)amort  
lb9b@ file: (olofson)flexl  
lb9ba file: (olofson)alan2  
lb9bb file: (olofson)alan1

lbl0 user: paxton

lbl0a file: (nls)stat  
lbl0b file: (nls)ghdfx  
lbl0c file: (nls)rrdfd  
lbl0d file: (nls)sound  
lbl0e file: (nls)g-qla  
lbl0f file: (nls)g-pso  
lbl0g file: (nls)nlsou  
lbl0h file: (nls)g-cml  
lbl0i file: (nls)cfsim  
lbl0j file: (nls)b-nls

lbl1 user: rulifson

lbl1a file: (rulifson)polyl  
lbl1b file: (rulifson)polyt  
lbl1c file: (rulifson)watch  
lbl1d file: (rulifson)check  
lbl1e file: (rulifson)adder  
lbl1f file: (rulifson)polar  
lbl1g file: (rulifson)super

lbl2 user: system

lbl2a file: (system)diskt  
lbl2b file: (system)tpscn

1b12c file: (system)b-int  
1b12d file: (system)b-dtn  
1b12e file: (system)g-psl  
1b12f file: (system)arpas  
1b12g file: (system)meta  
1b12h file: (system)wdt  
1b12i file: (system)xudir  
1b12j file: (system)dwdt  
1b12k file: (system)dw/l7  
1b12l file: (system)htemp  
1b12m file: (system)mol  
1b12n file: (system)kdf  
1b12o file: (system)utcfid  
1b12p file: (system)udfix  
1b12q file: (system)scan  
1b12r file: (system)tdup  
1b12s file: (system)fxcfid  
1b12t file: (system)qspl  
1b12u file: (system)mail  
1b12v file: (system)ccp  
1b12w file: (system)\$2pte  
1b12x file: (system)\$1pte  
1b12y file: (system)cload  
1b12z file: (system)backg  
  
1b13 user: tomlin  
  
1b13a file: (pass4)bep4  
1b13b file: (pass4)sep4

1b13c file: (pass4)bd-s  
1b13d file: (pass4)sd-s  
1b13e file: (pass4)sdsyn  
1b13f file: (pass4)sdmet  
1b13g file: (pass4)redph  
1b13h file: (levine)g-tod

2 Set 2

2a February random files

2a1 user: casseres

2a1a file: (stone)ching

2a2 user: english

2a2a file: (english)tskac

2a3 user: tomlin

2a3a file: (levine)todnp

2a3b file: (levine)todug

2a3c file: (levine)ntoda

2b March random files

2b1 user: casseres

2b1a file: (sds)qrome

2b2 user: rulifson

2b2a file: (rulifson)bcis

2b2b file: (rulifson)del

2b3 user: shapiro

2b3a file: (shapiro)n9

2b3b file: (shapiro)n10

2b4 user: tomlin

2b4a file: (tomlin)spcis

2b4b file: (tomlin)nicno

2c April random files

2c1 user: casseres

2c1a file: (sds)rfrnc

2c1b file: (casseres)conan

2c2 user: duvall

2c2a file: (duvall)notes

2c2b file: (duvall)atoda

2c2c file: (duvall)btoda

2c2d file: (duvall)ctoda

2c2e file: (duvall)dtoda

2c2f file: (duvall)nls a

2c2g file: (duvall)etoda

2c3 user: english

2c3a file: (watson)chset

2c4 user: rulifson

2c4a file: (rulifson)cdp

2c4b file: (rulifson)level

2c5 user: shapiro

2c5a file: (shapiro)n11

2c5b file: (shapiro)n8

2c6 user: tomlin

2c6a file: (tomlin)work

2c6b file: (levine)godsg

2c6c file: (levine)godnp

2d May random files

2d1 user: deutsch

2d1a file: (deutsch)save

2d2 user: duvall

2d2a file: (duvall)xtoda

2d2b file: (duvall)gtoda

2d2c file: (duvall)qtoda

2d2d file: (duvall)jtoda

2d2e file: (duvall)ftoda

2d2f file: (duvall)net

2d3 user: irby

2d3a file: (irby)ahigo

2d3b file: (irby)docfu

2d3c file: (irby)nwovr

2d4 user: rulifson

2d4a file: (rulifson)uli

2d4b file: (rulifson)ulc

2d4c file: (rulifson)subst

2d4d file: (rulifson)strac

2d5 user: tomlin

2d5a file: (tomlin)conts

2d5b file: (levine)godol

2e June random files

2e1 user: andrews

2e1a file: (meta)sal

2e2 user: casseres

2e2a file: (casseres)nlkv

2e2b file: (casseres)nlint

2e2c file: (casseres)infor

2e2d file: (casseres)nldef

2e3 user: duvall

2e3a file: (duvall)nilnt

2e3b file: (durham)todas

2e3c file: (durham)backu

2e3d file: (durham)ntoda

2e3e file: (durham)iback

2e4 user: geoffrion

2e4a file: (geoffrion)test

2e5 user: irby

2e5a (irby)doclo

2e6 user: rulifson

2e6a file: (rulifson)loged

2e6b file: (rulifson)hikes

2e7 user: tomlin

2e7a file: (tomlin)tstat

2e7b file: (tomlin)cocis

2e7c file: (tomlin)chcis

2e7d file: (tomlin)sridr

2e7e file: (levine)vlcis

2e7f file: (levine)godde

2f February sequential files

2f1 user: system

2f1a file: (system)tape

2f1b file: (system)ptest

2f2 user: tomlin

2f2a file: (pass4)sdir

2f2b file: (levine)total  
2f2c file: (levine)todop

2g March sequential files

2g1 user: andrews

2g1a file: (meta)opcod

2g2 user: irby

2g2a file: (hay)bcamc

2h April sequential files

2h1 user: evans

2h1a file: (sds)astro

2h1b file: (sds)symph

2h2 user: hardy

2h2a file: (hardy)b-d96

2i May sequential files

2i1 user: geoffrion

2i1a file: (geoffrion)convt

2i1b file: (geoffrion)fork

2i1c file: (geoffrion)flip2

2i2 user: hardy

2i2a file: tty

2i3 user: pilot

2i3a file: (pilot)diode

2i3b file: (pilot)demo

2i3c file: (pilot)quest

2i3d file: (pilot)ebin

2i3e file: (pilot)late

2i3f file: (pilot)instn

2i3g file: (pilot)trans  
2i3h file: (pilot)waves  
2i3i file: (pilot)fasor  
2i3j file: (pilot)semic  
2i3k file: (pilot)last  
2i3l file: (pilot)bkupc  
2i3m file: (pilot)bkupc  
2i3n file: (pilot)cbin  
2i3o file: (pilot)pilot  
2i3p file: (pilot)signl  
2i3q file: (pilot)cmplx  
2i3r file: (pilot)res

2i4 user: system

2i4a file: (system)nudir  
2i4b file: (system)q37  
2i4c file: (system)oudir  
2i4d file: (system)klp4p  
2i4e file: (system)klpnt

2j June sequential files

2j1 user: geoffrion

2j1a file: (geoffrion)fasor  
2j1b file: (geoffrion)cmplx  
2j1c file: (geoffrion)signl  
2j1d file: (geoffrion)waves  
2j1e file: (geoffrion)pdisc  
2j1f file: (geoffrion)plast  
2j1g file: (geoffrion)plcmp

2j1h file: (geoffrion)plexu  
2j2 user: pilot  
2j2a file: (pilot)files  
2j3 user: rulifson  
2j3a file: (rulifson)xcalx  
2j3b file: (rulifson)strax  
2j3c file: (rulifson)glog  
2j4 user: tomlin  
2j4a file: (pass4)baray  
2j4b file: (pass4)saray

3 Set 3

3a July random files

3a1 user: bass  
3a1a file: (bass)scrod  
3a2 user: casseres  
3a2a file: (casseres)nlvch  
3a2b file: (casseres)nletc  
3a2c file: (casseres)calug  
3a2d file: (casseres)nlvp  
3a2e file: (casseres)kdfug  
3a2f file: (paavola)ufpfl  
3a3 user: duvall  
3a3a file: (duvall)htoda  
3a4 user: geoffrion  
3a4a file: (geoffrion)tape  
3a5 user: irby  
3a5a file: (irby)trnsf

3a5b file: (erickson)miscm  
3a5c file: (mol)spl  
3a6 user: paxton  
3a6a file: (nls)c-nls  
3a7 user: tomlin  
3a7a file: (tomlin)cisfd  
3a7b file: (levine)gocis  
3a7c file: (levine)bcis  
3a7d file: (levine)v2cis  
3a7e file: (levine)godo2  
3a7f file: (levine)godog  
3a7g file: (levine)opsp  
3b July sequential files  
3b1 user: andrews  
3b1a file: (meta)r19  
3b2 user: angluin  
3b2a file: (angluin)onddt  
3b2b file: (angluin)duddt  
3b2c file: (angluin)sbrek  
3b2d file: (angluin)sload  
3b2e file: (angluin)snew  
3b2f file: (angluin)stemp  
3b2g file: (angluin)cpddt  
3b2h file: (angluin)smain  
3b3 user: duvall  
3b3a file: (todas)nls  
3b3b file: (todas)lnls

3b3c file: (todas)2nls  
3b3d file: (todas)3nls  
3b3e file: (todas)4nls  
3b3f file: (todas)nmol  
3b3g file: (todas)nmeta

3b4 user: executive

3b4a file: (executive)3est  
3b4b file: (executive)ttbmm  
3b4c file: (executive)syssv  
3b4d file: (executive)2mm  
3b4e file: (executive)lmm  
3b4f file: (executive)x7it  
3b4g file: (executive)4est  
3b4h file: (executive)2est  
3b4i file: (executive)lest  
3b4j file: (executive)4xm  
3b4k file: (executive)3xm  
3b4l file: (executive)2xm  
3b4m file: (executive)lxm  
3b4n file: (executive)lx7it

3b5 user: geoffrion

3b5a file: (geoffrion)dvert

3b6 user: huggins

3b6a file: (huggins)nb5xb  
3b6b file: (huggins)nb7it

3b7 user: irby

3b7a file: (nls)filut

3b7b file: (nls)lodco  
3b7c file: (nls)lodnl  
3b7d file: (nls)nlsfi  
3b7e file: (hay)mn-ar  
3b7f file: (hay)y-inp  
3b7g file: (hay)y-tod  
3b7h file: (hay)tr-ar  
3b7i file: (hay)t-arp

3b8 user: paxton

3b8a file: (nls)symbo  
3b8b file: (nls)rpas4  
3b8c file: (paxton)y-out

3b9 user: system

3b9a file: (system)gpas1  
3b9b file: (system)xmeta

3b10 user: tomlin

3b10a file: (pass4)bnfmt  
3b10b file: (pass4)pass4  
3b10c file: (pass4)bp4  
3b10d file: (pass4)sp4  
3b10e file: (pass4)bdata  
3b10f file: (pass4)sdata  
3b10g file: (pass4)r-ph  
3b10h file: (pass4)bp4-pi  
3b10i file: (pass4)bpngn  
3b10j file: (pass4)bnlp4  
3b10k file: (pass4)rnlp4

3b101 file: (pass4)sfmt  
3b10m file: (pass4)plpic  
3b10n file: (pass4)snfmt  
3b10o file: (pass4)snlpu  
3b10p file: (pass4)snpgn  
3b10q file: (pass4)biopu  
3b10r file: (pass4)bfmt  
3b10s file: (pass4)siopu  
3b10t file: (pass4)wy-sd  
3b10u file: (levine)godch

4 Set 4

4a August random files

4a1 user: andrews

4a1a file: (andrews)ahids

4a2 user: ball

4a2a file: (ball)ithy

4a3 user: caldwell

4a3a file: (xdoc)mox

4a4 user: casseres

4a4a file: (paavola)a2sar

4a5 user: duvall

4a5a file: (duvall)list

4a5b file: (parsley)utilt

4a6 user: paxton

4a6a file: (nls)nwbug

4a7 user: tomlin

4a7a file: (tomlin)ps4fd

4a7b file: (tomlin)fd  
4a7c file: (tomlin)godfd  
4a7d file: (levine)godo3  
4a7e file: (levine)godug  
4a7f file: (levine)godpl  
4a7g file: (levine)godgl

4b August sequential files

4b1 user: andrews

4b1a file: (andrews)xmeta  
4b1b file: (meta)r7/24  
4b1c file: (meta)q7/24  
4b1d file: (meta)t7/24  
4b1e file: (meta)q20  
4b1f file: (meta)q7/22  
4b1g file: (meta)t7/22  
4b1h file: (meta)init1

4b2 user: angluin

4b2a file: (angluin)ddt

4b3 user: duvall

4b3a file: (todas)xpash  
4b3b file: (todas)x2nls  
4b3c file: (todas)x3nls  
4b3d file: (todas)xproc

4b4 user: executive

4b4a file: (executive)cral

4b5 user: geoffrion

4b5a file: (geoffrion)nfd

4b6 user: irby

4b6a file: (nls)nw1od  
4b6b file: (nls)recor  
4b6c file: (nls)binar  
4b6d file: (nls)filu  
4b6e file: (hay)pops  
4b6f file: (hay)b2vct  
4b6g file: (hay)bseqg  
4b6h file: (hay)bioct  
4b6i file: (hay)bcalc  
4b6j file: (hay)bcacm  
4b6k file: (hay)bdidd  
4b6l file: (hay)bkeyw  
4b6m file: (hay)bvcte  
4b6n file: (hay)bstrm  
4b6o file: (hay)btodm  
4b6p file: (hay)bmnct  
4b6q file: (hay)bauxc  
4b6r file: (hay)r-arp  
4b6s file: (hay)btzte  
4b6t file: (hay)butil  
4b6u file: (hay)bdata  
4b6v file: (hay)bclnu  
4b6w file: (hay)blnks  
4b6x file: (hay)bprms  
4b6y file: (hay)bouto  
4b6z file: (hay)bcdsp

4b6a@ file: (hay)bdisc

4b6aa file: (hay)brecei

4b6ab file: (hay)bsdbm

4b6ac file: (hay)binpf

4b7 user: paxton

4b7a file: (nls)todct

4b7b file: (paxton)y-tsq

4b7c file: (paxton)y-tod

4b7d file: (paxton)y-ps4

4b7e file: (paxton)y-txt

4b7f file: (paxton)y-str

4b7g file: (paxton)y-inp

4b7h file: (paxton)y-ext

4b7i file: (paxton)y-bas

4b8 user: system

4b8a file: (system)\$nobo

4b8b file: (system)snobo

4b8c file: (system)crlb

4b8d file: (system)crlb

4b8e file: (system)ttbmm

4b8f file: (system)ecpar

4b8g file: (system)cpare

4b8h file: (system)2sst

4b8i file: (system)1sst

4b8j file: (system)2mm

4b8k file: (system)1mm

4b8l file: (system)syssv

4b9 user: tomlin  
4b9a file: (levine)godg3  
4b10 user: yarborough  
4b10a file: (yarborough)qmuxq

5 Set 5

5a September random files

5a1 user: andrews

5a1a file: (andrews)ioct1  
5a1b file: (andrews)utilt  
5a1c file: (meta)slibe  
5a1d file: (meta)libe  
5a1e file: (meta)tree

5a2 user: bass

5a2a file: (bass)port1  
5a2b file: (bass)brief  
5a2c file: (bass)porta  
5a2d file: (bass)index  
5a2e file: (bass)xampl  
5a2f file: (bass)blurb  
5a2g file: (bass)procs

5a3 user: caldwell

5a3a file: (caldwell)ucsb  
5a3b file: (caldwell)mgoal  
5a3c file: (caldwell)mgcjo  
5a3d file: (xdoc)toffl

5a4 user: casseres

5a4a file: (casseres)blurb

5a4b file: (casseres)ufnpc

5a4c file: (casseres)ufnpb

5a4d file: (stone)bibl

5a5 user: church

5a5a file: (church)pres

5a6 user: geoffrion

5a6a file: (geoffrion)fildr

5a6b file: (geoffrion)flip3

5a6c file: (geoffrion)flip

5a6d file: (geoffrion)graph

5a7 user: irby

5a7a file: (nls)notes

5a7b file: (erickson)mnctr

5a7c file: (mol)passl

5a8 user: rulifson

5a8a file: (rulifson)sysgd

5a9 user: paxton

5a9a file: (paxton)simul

5b September sequential files

5b1 user: andrews

5b1a file: (meta)bio

5b1b file: (meta)t10/9

5b1c file: (meta)blibe

5b1d file: (meta)20

5b1e file: (meta)t8/28

5b2 user: executive

5b2a file: (executive)gnarp

5b3 user: geoffrion  
5b3a file: (geoffrion)nfxcd  
5b3b file: (geoffrion)sfxcd  
5b4 user: hardy  
5b4a file: (hardy)pat  
5b5 user: huggins  
5b5a file: (huggins)xnarp  
5b5b file: (huggins)3est  
5b5c file: (huggins)b6cm  
5b5d file: (huggins)ttbmm  
5b5e file: (huggins)bntty  
5b5f file: (huggins)bpac  
5b5g file: (huggins)2sst  
5b5h file: (huggins)4xm  
5b5i file: (huggins)4est  
5b5j file: (huggins)3xm  
5b5k file: (huggins)2xm  
5b5l file: (huggins)2est  
5b5m file: (huggins)1xm  
5b5n file: (huggins)lest  
5b5o file: (huggins)b2cm  
5b5p file: (huggins)b5xb  
5b5q file: (huggins)sysv  
5b5r file: (huggins)2mm  
5b5s file: (huggins)lsst  
5b5t file: (huggins)b4fc  
5b5u file: (huggins)b7it

5b5v file: (huggins)b3fb  
 5b5w file: (huggins)bicr  
 5b5x file: (huggins)enarp  
 5b5y file: (huggins)b2m  
 5b5z file: (huggins)blm  
 5b5a@ file: (huggins)bbrs  
 5b5aa file: (huggins)bmem  
 5b5ab file: (huggins)bdrm  
 5b5ac file: (huggins)btty  
 5b5ad file: (huggins)bts  
 5b5ae file: (huggins)bgstri  
 5b5af file: (huggins)brup  
 5b5ag file: (huggins)bio  
 5b5ah file: (huggins)bw  
 5b5ai file: (huggins)bsyms  
  
 5b6 user: irby  
 5b6a file: (irby)codec  
 5b6b file: (irby)cnvrs  
 5b6c file: (nls)fhand  
  
 5b7 user: paxton  
 5b7a file: (paxton)y-cln  
 5b7b file: (paxton)y-vct  
 5b7c file: (paxton)y-cre  
  
 5b8 user: system  
 5b8a file: (system)bntty  
 5b8b file: (system)bgstri  
 5b8c file: (system)b2m

5b8d file: (system)blm  
5b8e file: (system)brup  
5b8f file: (system)bbrs  
5b8g file: (system)bmem  
5b8h file: (system)bpac  
5b8i file: (system)bdrm  
5b8j file: (system)btty  
5b8k file: (system)bio  
5b8l file: (system)bw  
5b8m file: (system)xnarp  
5b8n file: (system)bsyms  
5b8o file: (system)wksri  
5b8p file: (system)slm  
5b8q file: (system)sdrm  
5b8r file: (system)stty  
5b8s file: (system)ssyms

5b9 user: yarborough

5b9a file: (yarborough)frid  
5b9b file: (yarborough)doom  
5b9c file: (yarborough)qcdef

6 Set 6

6a October random files

6a1 user: ball

6a1a file: (ball)ceir  
6a1b file: (ball)cens  
6a1c file: (ball)frame  
6a1d file: (ball)ithy

6a1e file: (ball)cmlex  
6a1f file: (ball)new  
6a1g file: (ball)pwg  
6a1h file- (ball)prpsl  
6a2 user: caldwell  
6a2a file: (caldwell)systp  
6a2b file: (caldwell)hrstc  
6a2c file: (caldwell)xhand  
6a2d file: (caldwell)arkiv  
6a2e file: (caldwell)fts  
6a2f file: (caldwell)fd  
6a2g file: (caldwell)tapin  
6a2h file: (caldwell)suppo  
6a2i file: (caldwell)rapro  
6a2j file: (caldwell)scat  
6a2k file: (caldwell)inven  
6a2l file: (carillon)contr  
6a2m file: (trundy)enote  
6a2n file: (fadiman)scat  
6a2o file: (xdoc)x27up  
6a2p file: (xdoc)x28up  
6a2q file: (xdoc)x29up  
6a2r file: (xdoc)x30up  
6a2s file: (xdoc)x31up  
6a2t file: (xdoc)x32up  
6a2u file: (xdoc)x33up  
6a2v file: (xdoc)x34up

6a2w file: (xdoc)x35up  
6a2x file: (xdoc)x36up  
6a2y file: (xdoc)x36up  
6a2z file: (xdoc)x37up  
6a2a@ file: (xdoc)x38up  
6a2aa file: (xdoc)x39up  
6a2ab file: (xdoc)x40up  
6a2ac file: (xdoc)x41up  
6a2ad file: (xdoc)cuser  
6a3 user: casseres  
6a3a file: (casseres)todcc  
6a3b file: (paavola)npmem  
6a4 user: irby  
6a4a file: (irby)crash  
6a4b file: (erickson)calc  
6a4c file: (erickson)disbu  
6a4d file: (erickson)keywd  
6a4e file: (erickson)ioctl  
6a4f file: (erickson)inpfb  
6a4g file: (erickson)clnup  
6a4h file: (erickson)data  
6a4i file: (erickson)lnksu  
6a4j file: (erickson)cacmp  
6a4k file: (erickson)auxco  
6a4l file: (erickson)diddl  
6a4m file: (erickson)cdspl  
6a4n file: (mol)outov

- 6a4o file: (mol)toda2
- 6a4p file: (mol)strmn
- 6a4q file: (mol)nouto
- 6a4r file: (mol)todal
- 6a4s file: (mol)seqge
- 6a4t file: (mol)vcted
- 6a4u file: (mol)prmsh
- 6a4v file: (mol)2vcte
- 6a4w file: (mol)recin
- 6a4x file: (mol)sdbmn

6a5 user: msr

- 6a5a file: (carillon)umeet
- 6a5b file: (carillon)uplan

6a6 user: norton

- 6a6a file: (norton)jplan
- 6a6b file: (norton)recru

6a7 user: paxton

- 6a7a file: (paxton)nmolr

6a8 user: system

- 6a8a file: (system)mfile

6b October sequential files

6b1 user: andrews

- 6b1a file: (meta)r20

6b2 user: duvall

- 6b2a file: (todas)qspl
- 6b2b file: (todas)qmol
- 6b2c file: (todas)xnls

6b2d file: (todas)x1nls  
6b2e file: (todas)npass  
6b2f file: (todas)q4nls  
6b2g file: (todas)q3nls  
6b2h file: (todas)q2nls  
6b2i file: (todas)q1nls  
6b2j file: (todas)procs  
6b2k file: (todas)qnls

6b3 user: executive

6b3a file: (executive)nx4fc  
6b3b file: (executive)nx7it  
6b3c file: (executive)nx1cr  
6b3d file: (executive)qx5xb  
6b3e file: (executive)xts  
6b3f file: (exeuctive)x2cm  
6b3g file: (executive)enarp  
6b3h file: (executive)x5xb  
6b3i file: (executive)qxts  
6b3j file: (executive)x6cm

6b4 user: hardy

6b4a file: (hardy)xq

6b5 user: irby

6b5a file: (hay)4nls  
6b5b file: (hay)3nls  
6b5c file: (hay)2nls  
6b5d file: (hay)1nls  
6b5e file: (hay)nls

6b5f file: (irby)arciv  
6b6 user: norton  
6b6a file: (norton)\*budo  
6b6b file: (norton)\*budi  
6b7 user: pilot  
6b7a file: (pilot)dean  
6b8 user: system  
6b8a file: (system)udir  
6b8b file: (system)ccpld

11/19/69 ARCHIVE

:INVEN, 11/18/69 1703:05 MGC ; ~~["~~  
(CALDWELL,ARKIV,2a:xbbbgn) .DSN=1; .LSP=0; .RTJ=0; .PGN=0;  
.DPR=0;

ARCHIVE

January

|           |         |       |   |     |     |
|-----------|---------|-------|---|-----|-----|
| ✓         | Andrews | TREE  | r | B-c | MGC |
| ?         | Andrews | CMLEX | r | B-c | MGC |
| ✓         | Andrews | NLSFI | r | B-c | MGC |
| ✓         | Andrews | DATAF | r | B-c | MGC |
| ✓         | Andrews | SPECI | r | B-c | MGC |
| ✓         | Andrews | INPFB | r | B-c | MGC |
| ✓         | Andrews | SDBMN | r | B-c | MGC |
| ✓         | Andrews | MAINT | r | B-c | MGC |
| ✓         | Andrews | OUTLN | r | B-c | MGC |
| ✓         | Angluin | WKSRI | s | B-b | ARG |
| ✓         | Angluin | NARP  | s | B-b | ARG |
| ✓         | Angluin | IT    | s | B-b | ARG |
| ✓         | Angluin | DM    | s | B-b | ARG |
| ✓         | Angluin | DT    | s | B-b | ARG |
| ✓         | Angluin | MC    | s | B-b | ARG |
| ✓         | Angluin | ODDT  | s | B-b | ARG |
| ✓         | Deutsch | CRASH | s | B-b | ARG |
| ✓         | Deutsch | NLS   | s | B-b | ARG |
| not found | Deutsch | TEST  | s | B-b | ARG |
| ✓         | Deutsch | 3EST  | s | B-b | ARG |
| ✓         | Deutsch | 2EST  | s | B-b | ARG |
| ✓         | Deutsch | 2SST  | s | B-b | ARG |
| not found | Deutsch | 1SS/5 | s | B-b | ARG |
| ✓         | Deutsch | 4XM   | s | B-b | ARG |
| ✓         | Deutsch | FICOP | s | B-b | ARG |

|                           |            |       |   |     |     |
|---------------------------|------------|-------|---|-----|-----|
|                           | ✓Deutsch   | CFSIM | s | B-b | ARG |
|                           | ✓Deutsch   | 3XM   | s | B-b | ARG |
|                           | ✓Deutsch   | 2XM   | s | B-b | ARG |
|                           | ✓Deutsch   | 1XM   | s | B-b | ARG |
|                           | ✓Deutsch   | 1EST  | s | B-b | ARG |
|                           | ✓Deutsch   | SYSSV | s | B-b | ARG |
|                           | ✓Deutsch   | 2MM   | s | B-b | ARG |
|                           | ✓Deutsch   | 1MM   | s | B-b | ARG |
|                           | ✓Deutsch   | WKSRI | s | B-b | ARG |
|                           | ✓Deutsch   | FIDEL | s | B-b | ARG |
|                           | ✓Deutsch   | XFD   | r | B-b | ARG |
| <i>bad file</i>           | Deutsch    | TEMP  | r | B-b | ARG |
| <i>bad file</i>           | Deutsch    | WNOT  | r | B-b | ARG |
| <i>junk</i>               | Deutsch    | BTST  | r | B-b | ARG |
|                           | ✓Deutsch   | EBSFD | r | B-b | ARG |
| <i>bad file</i>           | Deutsch    | AF7   | r | B-b | ARG |
| <i>bad file</i>           | English    | PFJCC | r | D-c | WKE |
| <i>on tape - bad file</i> | ? English  | DT196 | s | D-c | WKE |
| <i>bad file</i>           | ? Watson   | DCMEQ | r | D-b | WKE |
|                           | ✓Watson    | NETEQ | s | D-c | WKE |
|                           | ✓Executive | X4FC  | s | B-b | ARG |
|                           | ✓Executive | X3FB  | s | B-b | ARG |
|                           | ✓Executive | X1CR  | s | B-b | ARG |
|                           | ✓Hay       | WY-SD | s | B-c | CHI |
|                           | ✓Lisp      | SYDOC | s | D-c | ARG |
|                           | ✓Lisp      | DOCTR | s | D-c | ARG |
|                           | ✓Lisp      | SCRPT | s | D-c | ARG |

|                        |           |       |   |     |                      |
|------------------------|-----------|-------|---|-----|----------------------|
|                        | ✓Lisp     | LISP  | s | D-c | ARG                  |
|                        | ✓Lisp     | LLIBE | s | D-c | ARG                  |
| [26 from tape          | ✓Lisp     | LCOMP | s | D-c | ARG                  |
| bad file + bad on tape | ✓Monitor  | ONTTY | s | B-b | ARG                  |
|                        | ✓Monitor  | SNTTY | s | B-b | ARG                  |
|                        | ✓Monitor  | NSTTY | s | B-b | ARG                  |
|                        | ✓Monitor  | QPR   | s | B-b | ARG                  |
|                        | ✓Monitor  | HLIST | s | B-b | ARG                  |
|                        | ✓Monitor  | NSYSS | s | B-b | ARG                  |
|                        | ✓Monitor  | CLIST | s | B-b | ARG                  |
|                        | ✓Monitor  | REX   | s | B-b | ARG                  |
|                        | ✓Monitor  | S2M   | s | B-b | ARG                  |
|                        | ✓Monitor  | SBRS  | s | B-b | ARG                  |
|                        | ✓Monitor  | SMEM  | s | B-b | ARG                  |
|                        | ✓Monitor  | SPAC  | s | B-b | ARG                  |
|                        | ✓Monitor  | SRUP  | s | B-b | ARG                  |
|                        | ✓Monitor  | SIO   | s | B-b | ARG                  |
|                        | ✓Monitor  | SW    | s | B-b | ARG                  |
| Errors in file cleanup | Rulifson  | NETPL | r | D-c | MGC on tape w/errors |
| lost readout           | ✓Rulifson | POLY1 | s | D-c | MGC                  |
| lost readout           | ✓Rulifson | POLYT | s | D-c | MGC                  |
|                        | ✓Rulifson | WATCH | s | D-c | MGC                  |
|                        | ✓Rulifson | CHECK | s | D-c | MGC                  |
|                        | ✓Rulifson | LOADS | r | D-c | MGC                  |
|                        | ✓Rulifson | MMM   | r | D-c | MGC                  |
|                        | ✓Rulifson | ADDER | s | D-c | MGC                  |
|                        | ✓Rulifson | REWRI | r | D-c | MGC                  |

|                      |   |          |       |   |     |     |
|----------------------|---|----------|-------|---|-----|-----|
|                      | ✓ | Rulifson | RELAT | r | D-c | MGC |
|                      | ✓ | Rulifson | POLAR | s | D-c | MGC |
|                      | ✓ | Rulifson | SUPER | s | D-c | MGC |
|                      | ✓ | NLS      | DIREC | r | B-c | WHP |
| not there            |   | NLS      | CIA   | r | B-c | WHP |
|                      | ✓ | NLS      | STAT  | s | B-c | WHP |
|                      | ✓ | NLS      | GHDFX | s | B-c | WHP |
|                      | ✓ | NLS      | RRDFD | s | B-c | WHP |
| not there            |   | NLS      | SOUND | s | B-c | WHP |
|                      | ✓ | NLS      | G-QLD | s | B-c | WHP |
| not there            |   | NLS      | G-PSO | s | B-c | WHP |
|                      | ✓ | NLS      | NLSOU | s | B-c | WHP |
|                      | ✓ | NLS      | G-CML | s | B-c | WHP |
|                      | ✓ | NLS      | CFSIM | s | B-c | WHP |
|                      | ✓ | NLS      | B-NLS | s | B-c | WHP |
| I cc error from tape | ? | Shapiro  | FINAL | r | D-c | EGS |
|                      | ✓ | Shapiro  | N4    | r | D-c | EGS |
|                      | ? | Shapiro  | N3    | r | D-c | EGS |
|                      | ✓ | Shapiro  | N1    | r | D-c | EGS |
|                      | ✓ | Shapiro  | G4    | r | D-c | EGS |
|                      | ✓ | Shapiro  | G3    | r | D-c | EGS |
|                      | ✓ | Shapiro  | G2    | r | D-c | EGS |
|                      | ? | Shapiro  | G1    | r | D-c | EGS |
|                      | ✓ | System   | DISKT | s | B-b | ARG |
|                      | ✓ | System   | TPSCN | s | B-b | ARG |
|                      | ✓ | System   | B-INT | s | B-b | ARG |
|                      | ✓ | System   | B-DTN | s | B-b | ARG |

|                 |         |        |   |     |     |
|-----------------|---------|--------|---|-----|-----|
|                 | ✓System | G-PS1  | s | B-b | ARG |
|                 | ✓System | ARPAS  | s | B-b | ARG |
|                 | ✓System | META   | s | B-b | ARG |
|                 | ✓System | WDT    | s | B-b | ARG |
|                 | ✓System | XUDIR  | s | B-b | ARG |
|                 | ✓System | DWDT   | s | B-b | ARG |
| not there       | System  | DW/17  | s | B-b | ARG |
|                 | ✓System | HTEMP  | s | B-b | ARG |
|                 | ✓System | MOL    | s | B-b | ARG |
|                 | ✓System | KDF    | s | B-b | ARG |
|                 | ✓System | UTCDF  | s | B-b | ARG |
|                 | ✓System | UDFIX  | s | B-b | ARG |
|                 | ✓System | SCAN   | s | B-b | ARG |
|                 | ✓System | TDUP   | s | B-b | ARG |
|                 | ✓System | FXCFD  | s | B-b | ARG |
|                 | ✓System | QSPL   | s | B-b | ARG |
|                 | ✓System | MAIL   | s | B-b | ARG |
|                 | ✓System | CCP    | s | B-b | ARG |
|                 | ✓System | \$2PTE | s | B-b | ARG |
|                 | ✓System | \$1PTE | s | B-b | ARG |
|                 | ✓System | CLOAD  | s | B-b | ARG |
|                 | ✓System | BACKG  | s | B-b | ARG |
| error from tape | ? Tree  | MOLR   | r | D-c | WHP |
|                 | ? Tree  | TMR    | r | D-c | WHP |
|                 | ? Tree  | PS4SG  | r | D-c | WHP |
| bad file        | Tree    | MOLSG  | r | D-c | WHP |
|                 | ✓Pass4  | BEP4   | s | B-c | FKT |

|         |       |   |     |     |
|---------|-------|---|-----|-----|
| ✓Passh  | SEPh  | s | B-c | FKT |
| ✓Passh  | BD-S  | s | B-c | FKT |
| ✓Passh  | SD-S  | s | B-c | FKT |
| ✓Passh  | SDSYN | s | B-c | FKT |
| ✓Passh  | SDMET | s | B-c | FKT |
| ✓Passh  | REDPh | s | B-c | FKT |
| ✓Levine | G-TOD | s | B-b | FKT |

*Paxton*  
*Jackson files - user Jackson can't use tape sys. cf. ④*

## February

|                            |       |   |     |     |
|----------------------------|-------|---|-----|-----|
| ✓ Stone                    | CHING | r | B-c | DGC |
| ✓ English                  | TSKAC | r | D-c | WKE |
| ? Rulifson                 | MUSIC | r | D-c | MGC |
| ✓ System                   | TAPE  | s | B-b | ARG |
| ✓ System                   | PTEST | s | B-b | ARG |
| bad file? I-OError ✓ Passh | SDIR  | s | B-c | FKT |
| ✓ Levine                   | TODNP | r | D-d | FKT |
| ✓ Levine                   | TODAL | s | D-d | FKT |
| ✓ Levine                   | TODUG | r | B-b | FKT |
| ✓ Levine                   | TODOP | s | D-d | FKT |
| ✓ Levine                   | NTODA | r | D-d | FKT |

## March

|            |       |   |     |     |
|------------|-------|---|-----|-----|
| ✓ Hay      | BCAMC | s | B-c | CHI |
| ✓ Meta     | OPCOD | s | B-c | MGC |
| ✓ Rulifson | BCIS  | r | D-c | MGC |
| ✓ Rulifson | DEL   | r | D-c | MGC |
| ✓ Shapiro  | N9    | r | D-c | EGS |
| ✓ Shapiro  | N10   | r | D-c | EGS |
| ✓ SDS      | RFRNC | r | C-c | DGC |
| ✓ SDS      | QROME | r | D-c | DGC |
| ✓ Tomlin   | SPCIS | r | D-d | FKT |
| ✓ Tomlin   | NICNO | r | D-d | FKT |

## April

|                 |            |       |   |     |     |
|-----------------|------------|-------|---|-----|-----|
|                 | ✓ Casseres | CONAN | r | B-b | DGC |
|                 | ✓ Duvall   | NOTES | r | D-d | WSD |
|                 | ✓ Duvall   | ATODA | r | D-d | WSD |
|                 | ✓ Duvall   | BTODA | r | D-d | WSD |
|                 | ✓ Duvall   | CTODA | r | D-d | WSD |
|                 | ✓ Duvall   | DTODA | r | D-d | WSD |
| <i>not done</i> | ? Duvall   | NLS A | r | D-d | WSD |
|                 | ✓ Duvall   | ETODA | r | D-d | WSD |
|                 | ✓ Watson   | CHSET | r | D-c | WKE |
|                 | ✓ Hardy    | B-D96 | s | B-b | MEH |
|                 | ✓ Rulifson | CDP   | r | D-c | MGC |
|                 | ✓ Rulifson | LEVEL | r | D-c | MGC |
|                 | ✓ Shapiro  | N11   | r | D-c | EGS |
|                 | ✓ Shapiro  | N8    | r | D-c | EGS |
|                 | ✓ Tomlin   | WORK  | r | D-d | FKT |
|                 | ✓ Levine   | GODSG | r | D-d | FKT |
|                 | ✓ Levine   | GODNP | r | D-d | FKT |

May

|                                       |             |       |     |     |     |
|---------------------------------------|-------------|-------|-----|-----|-----|
| ✓Deutsch                              | SAVE        | r     | B-b | ARG |     |
| ✓Duvall                               | XTODA       | r     | D-d | WSD |     |
| ✓Duvall                               | GTODA       | r     | D-d | WSD |     |
| ✓Duvall                               | QTODA       | r     | D-d | WSD |     |
| ✓Duvall                               | JTODA       | r     | D-d | WSD |     |
| ✓Duvall                               | FTODA       | r     | D-d | WSD |     |
| ✓Duvall                               | NET         | r     | D-d | WSD |     |
| bad file on tape<br>(IC error in QEB) | ? Geoffrion | CONVT | s   | B-c | ARG |
| ✓Geoffrion                            | FORK        | s     | B-c | ARG |     |
| ✓Geoffrion                            | FLIP2       | s     | B-c | ARG |     |
| ✓Hardy                                | TTY         | s     | B-b | MEH |     |
| ✓Irby                                 | AHIGO       | r     | D-d | CHI |     |
| ✓Irby                                 | DOCFU       | r     | D-d | CHI |     |
| error in file cleanup ✓Irby           | NWOCR       | r     | D-d | CHI |     |
| ✓Pilot                                | DIODE       | s     | B-b | ARG |     |
| ✓Pilot                                | DEMO        | s     | B-b | ARG |     |
| ✓Pilot                                | QUEST       | s     | D-c | ARG |     |
| ✓Pilot                                | EBIN        | s     | D-c | ARG |     |
| ✓Pilot                                | LATE        | s     | D-c | ARG |     |
| ✓Pilot                                | INSTN       | s     | D-c | ARG |     |
| ✓Pilot                                | TRANS       | s     | D-c | ARG |     |
| ✓Pilot                                | WAVES       | s     | D-c | ARG |     |
| ✓Pilot                                | FASOR       | s     | D-c | ARG |     |
| ✓Pilot                                | SEMIC       | s     | D-c | ARG |     |
| ✓Pilot                                | LAST        | s     | D-c | ARG |     |
| ✓Pilot                                | BKUPÉ       | s     | D-c | ARG |     |

|                            |             |   |     |     |
|----------------------------|-------------|---|-----|-----|
| ✓Pilot                     | BKUPC       | s | D-c | ARG |
| ✓Pilot                     | CBIN        | s | D-c | ARG |
| ✓Pilot                     | PILOT       | s | D-c | ARG |
| ✓Pilot                     | SIGNL       | s | D-c | ARG |
| ✓Pilot                     | CMPLX       | s | B-b | ARG |
| ✓Pilot                     | RES         | s | B-b | ARG |
| ✓Rulifson                  | ULI         | r | D-c | MGC |
| ✓Rulifson                  | ULC         | r | D-c | MGC |
| ✓Rulifson                  | SUBST       | r | D-c | MGC |
| <i>back file</i> ✓Rulifson | STRAC       | r | D-c | MGC |
| ✓System                    | <i>TAPE</i> |   |     |     |
| ✓System                    | NUDIR       | s | B-b | ARG |
| ✓System                    | PTEST       |   |     |     |
| ✓System                    | Q37         | s | B-b | ARG |
| ✓System                    | OUDIR       | s | B-b | ARG |
| ✓System                    | KLP4P       | s | B-b | ARG |
| ✓System                    | KLPNT       | s | B-b | ARG |
| ✓Tomlin                    | CONTS       | r | D-d | FKT |
| ✓Levine                    | GODO1       | r | D-d | FKT |

## June

|                                  |          |       |     |     |     |
|----------------------------------|----------|-------|-----|-----|-----|
| ✓Casseres                        | NLKV     | r     | B-b | DGC |     |
| ✓Casseres                        | NLINT    | r     | B-b | DGC |     |
| ✓Casseres                        | INFOR    | r     | B-b | DGC |     |
| ✓Casseres                        | NLDEF    | r     | B-b | DGC |     |
| ✓Duvall                          | NILNT    | r     | D-d | WSD |     |
| ✓Durham                          | TODAS    | r     | D-d | WSD |     |
| ✓Durham                          | BACKU    | r     | D-d | WSD |     |
| ✓Durham                          | NTODA    | r     | D-d | WSD |     |
| ✓Durham                          | IBACK    | r     | D-d | WSD |     |
| ✓Geoffrion                       | FASOR    | s     | D-c | ARG |     |
| ✓Geoffrion                       | CMPLX    | s     | D-c | ARG |     |
| ✓Geoffrion                       | SIGNL    | s     | D-c | ARG |     |
| ✓Geoffrion                       | WAVES    | s     | D-c | ARG |     |
| ✓Geoffrion                       | PDISC    | s     | D-c | ARG |     |
| ✓Geoffrion                       | PLAST    | s     | D-c | ARG |     |
| ✓Geoffrion                       | PLCMP    | s     | D-c | ARG |     |
| ✓Geoffrion                       | PLEXU    | s     | D-c | ARG |     |
| ✓Geoffrion                       | TEST     | r     | B-c | ARG |     |
| ✓Irby                            | DOCLO    | r     | D-d | CHI |     |
| ✓Meta                            | SAL      | r     | B-c | MGC |     |
| ✓Pilot                           | Files    | s     | B-b | ARG |     |
| not found<br>but may<br>be there | Rulifson | LOGEQ | r   | D-c | MGC |
|                                  | Rulifson | HIKES | r   | D-c | MGC |
| ✓Rulifson                        | XCALX    | s     | D-c | MGC |     |
| ✓Rulifson                        | STRAX    | s     | D-c | MGC |     |
| ✓Rulifson                        | GLOG     | s     | D-c | MGC |     |

|                      |                    |                  |              |                |                |
|----------------------|--------------------|------------------|--------------|----------------|----------------|
|                      | ✓Tomlin            | TSTAT            | r            | D-d            | FKT            |
| <i>Ice from tape</i> | ✓Tomlin            | COCIS            | r            | D-d            | FKT            |
|                      | ✓Tomlin            | CHGIS            | r            | D-d            | FKT            |
|                      | ✓Tomlin            | SRIDR            | r            | D-d            | FKT            |
|                      | ✓Passh             | BARAY            | s            | B-c            | FKT            |
|                      | ✓Passh             | SARAY            | s            | B-c            | FKT            |
|                      | <del>✓Levine</del> | <del>GODDE</del> | <del>r</del> | <del>B-d</del> | <del>FKT</del> |
|                      | ✓Levine            | VICIS            | r            | D-d            | FKT            |
|                      | ✓Levine            | GODDE            | r            | B-d            | FKT            |
|                      |                    |                  |              |                |                |
|                      | ✓English           | <del>FSKAC</del> |              |                |                |
|                      | ✓SDS               | ASTRO            |              |                |                |
|                      | ✓SDS               | SYMPH            |              |                |                |

## July

|                       |                                 |   |     |     |
|-----------------------|---------------------------------|---|-----|-----|
| ✓Meta                 | RL9                             | s | B-c | MGC |
| ✓Angluin              | ONDDT                           | s | B-b | ARG |
| ✓Angluin              | DUDDT                           | s | B-b | ARG |
| ✓Angluin              | SBREK                           | s | B-b | ARG |
| ✓Angluin              | SLOAD                           | s | B-b | ARG |
| ✓Angluin              | SNEW                            | s | B-b | ARG |
| ✓Angluin              | STEMP                           | s | B-b | ARG |
| ✓Angluin              | CPDDT                           | s | B-b | ARG |
| ✓Angluin              | SMAIN                           | s | B-b | ARG |
| <i>bad file</i> ✓Bass | SCROD                           | r | B-c | MGC |
| ✓Casseres             | NLVCH                           | r | B-b | DGC |
| ✓Casseres             | NLETC                           | r | B-b | DGC |
| ✓Casseres             | CALUG                           | r | B-b | DGC |
| ✓Casseres             | NLVP                            | r | B-b | DGC |
| ✓Casseres             | KDFUG                           | r | B-b | DGC |
| ✓Paavola              | UFPFL                           | r | B-d | DGC |
| ✓Duvall               | HTODA                           | r | D-d | WSD |
| <i>from</i> ✓Todas    | <del>HTODA</del><br>TAPE<br>NLS | s | B-a | WSD |
| ✓Todas                | 1NLS                            | s | B-a | WSD |
| ✓Todas                | 2NLS                            | s | B-a | WSD |
| ✓Todas                | 3NLS                            | s | B-a | WSD |
| ✓Todas                | 4NLS                            | s | B-a | WSD |
| ✓Todas                | NMOL                            | s | B-a | WSD |
| ✓Todas                | NMETA                           | s | B-a | WSD |
| ✓Executive            | 3EST                            | s | B-b | ARG |
| ✓Executive            | TTBMM                           | s | B-b | ARG |

|                    |                 |       |     |     |     |
|--------------------|-----------------|-------|-----|-----|-----|
| ✓Executive         | SYSSV           | s     | B-b | ARG |     |
| ✓Executive         | 2MM             | s     | B-b | ARG |     |
| ✓Executive         | 1MM             | s     | B-b | ARG |     |
| ✓Executive         | X7IT            | s     | B-b | ARG |     |
| ✓Executive         | 4EST            | s     | B-b | ARG |     |
| ✓Executive         | 2EST            | s     | B-b | ARG |     |
| ✓Executive         | 1EST            | s     | B-b | ARG |     |
| ✓Executive         | 4XM             | s     | B-b | ARG |     |
| ✓Executive         | 3XM             | s     | B-b | ARG |     |
| ✓Executive         | 2XM             | s     | B-b | ARG |     |
| ✓Executive         | 1XM             | s     | B-b | ARG |     |
| <i>not found</i>   | Executive LX7IT | s     | B-b | ARG |     |
| ✓Geoffrion         | TAPE            | r     | D-c | ARG |     |
| ✓ <u>Geoffrion</u> | DVERT           | s     | D-c | ARG |     |
| ✓Huggins           | NB5XB           | s     | B-b | ARG |     |
| ✓Huggins           | NB7IT           | s     | B-b | ARG |     |
| ✓Irby              | TRNSF           | r     | D-d | CHI |     |
| ✓NLS               | FILUT           | s     | B-c | CHI |     |
| ✓NLS               | SYMBO           | s     | B-c | WHP |     |
| ✓NLS               | RPASH           | s     | B-c | WHP |     |
| <i>bad file</i>    | 3NLS            | C-NLS | r   | B-c | WHP |
| ✓NLS               | LODCO           | s     | B-b | CHI |     |
| ✓NLS               | LODNL           | s     | B-d | CHI |     |
| ✓NLS               | NLSFI           | s     | B-b | CHI |     |
| ✓Erickson          | MISCM           | r     | B-b | CHI |     |
| ✓Hay               | MN-AR           | s     | B-c | CHI |     |
| ✓Hay               | Y-INP           | s     | B-c | CHI |     |

|                                   |       |        |     |     |     |
|-----------------------------------|-------|--------|-----|-----|-----|
| ✓Hay                              | Y-TOD | s      | B-c | CHI |     |
| ✓Hay                              | TR-AR | s      | B-c | CHI |     |
| ✓Hay                              | T-ARP | s      | B-c | CHI |     |
| ✓MOL                              | SPL   | r      | B-b | CHI |     |
| ✓Paxton                           | Y-OUT | s      | B-b | WHP |     |
| ✓System                           | GPASL | s      | B-b | ARG |     |
| ✓System                           | XMETA | s      | B-b | ARG |     |
| ✓Tomlin                           | CISFD | r      | B-d | FKT |     |
| ✓Passh                            | BNFMT | s      | B-c | FKT |     |
| ✓Passh                            | PASSh | s      | B-c | FKT |     |
| ✓Passh                            | BPh   | s      | B-c | FKT |     |
| ✓Passh                            | SPh   | s      | B-c | FKT |     |
| ✓Passh                            | BDATA | s      | B-c | FKT |     |
| ✓Passh                            | SDATA | s      | B-c | FKT |     |
| ✓Passh                            | R-PPh | s      | B-c | FKT |     |
| <i>not found - probably there</i> | Passh | BPh-PI | s   | B-c | FKT |
| <i>not found</i>                  | Passh | BPNGN  | s   | B-c | FKT |
| ✓Passh                            | BNLPh | s      | B-c | FKT |     |
| ✓Passh                            | RNLPh | s      | B-c | FKT |     |
| ✓Passh                            | SFMT  | s      | B-c | FKT |     |
| ✓Passh                            | PhPIC | s      | B-c | FKT |     |
| ✓Passh                            | SNFMT | s      | B-c | FKT |     |
| ✓Passh                            | SNLPh | s      | B-c | FKT |     |
| ✓Passh                            | SNPGN | s      | B-c | FKT |     |
| ✓Passh                            | BIOPh | s      | B-c | FKT |     |
| ✓Passh                            | BFMT  | s      | B-c | FKT |     |
| ✓Passh                            | SIOPh | s      | B-c | FKT |     |

|         |       |   |     |     |
|---------|-------|---|-----|-----|
| ✓Passh  | WY-SD | s | B-c | FKT |
| ✓Levine | GOCIS | r | D-d | FKT |
| ✓Levine | BOCIS | r | D-d | FKT |
| ✓Levine | V2CIS | r | D-d | FKT |
| ✓Levine | GODO2 | r | D-d | FKT |
| ✓Levine | GODOG | r | D-d | FKT |
| ✓Levine | OPSP  | r | B-c | FKT |
| ✓Levine | GODCH | s | D-c | FKT |

## August

|           |           |       |   |           |     |
|-----------|-----------|-------|---|-----------|-----|
| ✓         | Andrews   | XMETA | s | B-c       | MGC |
| ✓         | Andrews   | AHIDS | r | B-c       | MGC |
| ✓         | Meta      | R7/24 | s | B-c       | MGC |
| ✓         | Meta      | Q7/24 | s | B-c       | MGC |
| ✓         | Meta      | T7/24 | s | B-c       | MGC |
| ✓         | Meta      | Q20   | s | B-c       | MGC |
| ✓         | Meta      | Q7/22 | s | B-c       | MGC |
| ✓         | Meta      | T7/22 | s | B-c       | MGC |
| ✓         | Meta      | INITL | s | B-c       | MGC |
| ✓         | Angluin   | DDT   | s | B-b       | ARG |
| ✓         | Ball      | ITHY  | r | D-d       | GHB |
| ✓         | Caldwell  | MOX   | r | D-c       | MGC |
| ✓         | Paavola   | A2SAR | r | B-d       | DGC |
| ✓         | Duwall    | LIST  | r | D-d       | WSD |
| ✓         | Parsley   | UTILT | r | ?owned by | WSD |
| ✓         | Todas     | XPASH | s | B-a       | WSD |
| ✓         | Todas     | X2NLS | s | B-a       | WSD |
| ✓         | Todas     | X3NLS | s | B-a       | WSD |
| ✓         | Todas     | XPROC | s | B-a       | WSD |
| ✓         | Executive | CRAL  | s | B-b       | ARG |
| ✓         | Geoffrion | NFD   | s | B-b       | ARG |
| not found | System    | TTBMM | s | B-b       | ARG |
| not found | System    | ECPAR | s | B-b       | ARG |
| not found | System    | CPARE | s | B-b       | ARG |
| not found | System    | 2SST  | s | B-b       | ARG |

|                  |        |       |   |     |     |
|------------------|--------|-------|---|-----|-----|
| <i>not found</i> | System | 1SST  | s | B-b | ARG |
| <i>not found</i> | System | 2MM   | s | B-b | ARG |
| <i>not found</i> | System | 1MM   | s | B-b | ARG |
| <i>not found</i> | System | SYSSV | s | B-b | ARG |
|                  | ✓NLS   | NWBUG | r | B-c | WHP |
|                  | ✓NLS   | TODCT | s | B-c | WHP |
|                  | ✓NLS   | NWLOD | s | B-b | CHI |
|                  | ✓NLS   | RECOR | s | B-b | CHI |
|                  | ✓NLS   | BINAR | s | B-b | CHI |
| <i>not found</i> | ✓NLS   | FILUT | s | B-d | CHI |
|                  | ✓Hay   | POPS  | s | B-c | CHI |
|                  | ✓Hay   | B2VCT | s | B-c | CHI |
|                  | ✓Hay   | BSEQG | s | B-c | CHI |
|                  | ✓Hay   | BIOCT | s | B-c | CHI |
|                  | ✓Hay   | BCALC | s | B-c | CHI |
|                  | ✓Hay   | BCACM | s | B-c | CHI |
|                  | ✓Hay   | BDIDD | s | B-c | CHI |
|                  | ✓Hay   | BKEYW | s | B-c | CHI |
|                  | ✓Hay   | BVCTE | s | B-c | CHI |
|                  | ✓Hay   | BSTRM | s | B-c | CHI |
|                  | ✓Hay   | BTODM | s | B-c | CHI |
|                  | ✓Hay   | BMNCT | s | B-c | CHI |
|                  | ✓Hay   | BAUXC | s | B-c | CHI |
|                  | ✓Hay   | R-ARP | s | B-c | CHI |
|                  | ✓Hay   | BTXTE | s | B-c | CHI |
|                  | ✓Hay   | BUTIL | s | B-c | CHI |
|                  | ✓Hay   | BDATA | s | B-c | CHI |

|                |        |   |     |     |
|----------------|--------|---|-----|-----|
| ✓Hay           | BCLNU  | s | B-c | CHI |
| ✓Hay           | BLNKS  | s | B-c | CHI |
| ✓Hay           | BPRMS  | s | B-c | CHI |
| ✓Hay           | BOUTO  | s | B-c | CHI |
| ✓Hay           | BCDSP  | s | B-c | CHI |
| ✓Hay           | BDISB  | s | B-c | CHI |
| ✓Hay           | BRECI  | s | B-c | CHI |
| ✓Hay           | BSDBM  | s | B-c | CHI |
| ✓Hay           | BINPF  | s | B-c | CHI |
| ✓Paxton        | Y-TSQ  | s | B-b | WHP |
| ✓Paxton        | Y-TOD  | s | B-b | WHP |
| ✓Paxton        | Y-PS4  | s | B-b | WHP |
| ✓Paxton        | Y-TXT  | s | B-b | WHP |
| ✓Paxton        | Y-STR  | s | B-b | WHP |
| ✓Paxton        | Y-INP  | s | B-b | WHP |
| ✓Paxton        | Y-EXT  | s | B-b | WHP |
| ✓Paxton        | Y-BAS  | s | B-b | WHP |
| ✓System        | \$NOBO | s | B-b | ARG |
| ✓System        | SNOBO  | s | B-b | ARG |
| ✓System        | CR1B   | s | B-b | ARG |
| ? System       | CR1A   | s | B-b | ARG |
| ✓Tomlin        | PS4FD  | r | B-c | FKT |
| ✓Tomlin        | FD     | r | B-c | FKT |
| ✓Tomlin        | GODFD  | r | B-b | FKT |
| 0 K223 ✓Levine | GODG3  | s | B-b | FKT |
| ✓Levine        | GODO3  | r | B-b | FKT |
| ✓Levine        | GODUG  | r | B-c | FKT |

|            |       |   |     |     |
|------------|-------|---|-----|-----|
| ✓Levine    | GODPL | r | B-c | FKT |
| ✓Levine    | GODGL | r | B-d | FKT |
| ✓Yarboroug | QMUXQ | s | B-c | JMY |

## September

|           |                     |                  |              |                |                |
|-----------|---------------------|------------------|--------------|----------------|----------------|
| ✓         | Andrews             | IOCTL            | r            | B-c            | MGC            |
| ✓         | Andrews             | REGIN            | r            | B-c            | MGC            |
| ✓         | Andrews             | UTILT            | r            | B-c            | MGC            |
| ✓         | Meta                | BIO              | s            | B-b            | MGC            |
| ✓         | Meta                | SLIBE            | r            | B-b            | MGC            |
| ✓         | Meta                | T10/9            | s            | B-b            | MGC            |
| ✓         | Meta                | LIBE             | r            | B-b            | MGC            |
| ✓         | Meta                | BLIBE            | s            | B-b            | MGC            |
| ✓         | Meta                | TREE             | r            | B-b            | MGC            |
| ✓         | Meta                | 20               | s            | B-b            | MGC            |
| ✓         | Meta                | T8/28            | s            | B-b            | MGC            |
| ✓         | Bass                | PORTL            | r            | B-c            | MGC            |
| ✓         | Bass                | BRIEF            | r            | B-c            | MGC            |
| ✓         | Bass                | PORTA            | r            | B-c            | MGC            |
| ✓         | Bass                | INDEX            | r            | B-c            | MGC            |
| ✓         | Bass                | XAMPL            | r            | B-c            | MGC            |
| ✓         | Bass                | BLURB            | r            | B-c            | MGC            |
| ✓         | Bass                | PROCS            | r            | B-c            | MGC            |
| ✓         | Caldwell            | UCSB             | r            | D-c            | MGC            |
| ✓         | Caldwell            | TOFFL            | r            | D-c            | MGC            |
| not found | <del>Caldwell</del> | <del>MGOAL</del> | <del>r</del> | <del>D-c</del> | <del>MGC</del> |
| ✓         | Caldwell            | MGCJO            | r            | B-b            | MGC            |
| ✓         | Casseres            | BLURB            | r            | B-d            | DGC            |
| ✓         | Casseres            | UFNPC            | r            | B-c            | DGC            |
| ✓         | Casseres            | UFNPB            | r            | B-c            | DGC            |
| ✓         | Stone               | BIBL             | r            | B-c            | DGC            |

*all OK  
 12/8 MGC  
 had file  
 not found  
 but probably  
 there*

|                          |           |       |     |     |     |
|--------------------------|-----------|-------|-----|-----|-----|
| ✓ Church                 | PRES      | r     | B-c | MSC |     |
| ✓ Executive              | GNARP     | s     | B-b | ARG |     |
| ✓ Geoffrion              | FILDR     | r     | D-c | ARG |     |
| ✓ Geoffrion              | NFXCD     | s     | B-b | ARG |     |
| ✓ Geoffrion              | SFXCD     | s     | B-c | ARG |     |
| <i>"HERE is FLIP3"</i> { | Geoffrion | FLIP3 | r   | B-c | ARG |
| <i>"THIS is FLIP"</i> {  | Geoffrion | FLIP  | r   | B-c | ARG |
| ✓ Geoffrion              | GRAPH     | r     | B-c | ARG |     |
| ✓ Hardy                  | PAT       | s     | B-b | MEH |     |
| ✓ Huggins                | XNARP     | s     | B-c | ARG |     |
| ✓ Huggins                | 3EST      | s     | B-c | ARG |     |
| ✓ Huggins                | B6CM      | s     | B-c | ARG |     |
| ✓ Huggins                | TTBMM     | s     | B-c | ARG |     |
| ✓ Huggins                | BNTTY     | s     | B-c | ARG |     |
| ✓ Huggins                | BPAC      | s     | B-c | ARG |     |
| ✓ Huggins                | 2SST      | s     | B-c | ARG |     |
| ✓ Huggins                | 4XM       | s     | B-c | ARG |     |
| ✓ Huggins                | 4EST      | s     | B-c | ARG |     |
| ✓ Huggins                | 3XM       | s     | B-c | ARG |     |
| ✓ Huggins                | 2XM       | s     | B-c | ARG |     |
| ✓ Huggins                | 2EST      | s     | B-c | ARG |     |
| ✓ Huggins                | 1XM       | s     | B-c | ARG |     |
| ✓ Huggins                | 1EST      | s     | B-c | ARG |     |
| ✓ Huggins                | B2CM      | s     | B-c | ARG |     |
| ✓ Huggins                | B5XB      | s     | B-c | ARG |     |
| ✓ Huggins                | SYSSV     | s     | B-c | ARG |     |
| ✓ Huggins                | 2MM       | s     | B-c | ARG |     |

OK 12/4

|                        |                   |       |     |     |     |
|------------------------|-------------------|-------|-----|-----|-----|
| ✓                      | Huggins           | LMM   | s 1 | B-c | ARG |
| ✓                      | Huggins           | LSST  | s   | B-c | ARG |
| ✓                      | Huggins           | BLFC  | s   | B-c | ARG |
| ✓                      | Huggins           | B7IT  | s   | B-c | ARG |
| ✓                      | Huggins           | B3FB  | s   | B-c | ARG |
| OK 12/4<br>not found ✓ | Huggins           | B1CR  | s   | B-c | ARG |
| ✓                      | Huggins           | ENARP | s   | B-c | ARG |
| ✓                      | Huggins           | B2M   | s   | B-c | ARG |
| ✓                      | Huggins           | B1M   | s   | B-c | ARG |
| ✓                      | Huggins           | BBRS  | s   | B-c | ARG |
| ✓                      | Huggins           | BMEM  | s   | B-c | ARG |
| ✓                      | Huggins           | BDRM  | s   | B-c | ARG |
| ✓                      | Huggins           | BTTY  | s   | B-c | ARG |
| ✓                      | Huggins           | BTS   | s   | B-c | ARG |
| ✓                      | Huggins           | BGSRI | s   | B-c | ARG |
| ✓                      | Huggins           | BRUP  | s   | B-c | ARG |
| ✓                      | Huggins           | BIO   | s   | B-c | ARG |
| ✓                      | Huggins           | BW    | s   | B-c | ARG |
| ✓                      | Huggins           | BSYMS | s   | B-c | ARG |
| ✓                      | Irby              | CODEC | s   | D-d | CHI |
| ✓                      | Irby              | CNVR  | s   | D-d | CHI |
| ✓ <del>Wester</del>    | <del>Wester</del> | BNTTY | s   | B-b | ARG |
| ✓ <del>Wester</del>    | <del>Wester</del> | BGSRI | s   | B-b | ARG |
| ✓ <del>Wester</del>    | <del>Wester</del> | B2M   | s   | B-b | ARG |
| ✓ <del>Wester</del>    | <del>Wester</del> | B1M   | s   | B-b | ARG |
| ✓ <del>Wester</del>    | <del>Wester</del> | BRUP  | s   | B-b | ARG |
| ✓ <del>Wester</del>    | <del>Wester</del> | BBRS  | s   | B-b | ARG |

|                  |         |       |     |     |     |
|------------------|---------|-------|-----|-----|-----|
| ✓ <i>Alvador</i> | System  | BMEM  | s   | B-b | ARG |
| ✓ <i>Alvador</i> |         | BPAC  | s   | B-b | ARG |
| ✓ <i>Alvador</i> |         | BDRM  | s   | B-b | ARG |
| ✓ <i>Alvador</i> |         | BTTY  | s   | B-b | ARG |
| ✓ <i>Alvador</i> |         | BIO   | s   | B-b | ARG |
| ✓ <i>Alvador</i> |         | BW    | s   | B-b | ARG |
| ✓ <i>Alvador</i> |         | XNARP | s 4 | B-b | ARG |
| ✓ <i>Alvador</i> |         | BSYMS | s   | B-b | ARG |
| ✓ <i>Alvador</i> |         | WKSRI | s   | B-b | ARG |
| ✓ <i>Alvador</i> |         | SLM   | s   | B-b | ARG |
| ✓ <i>Alvador</i> |         | SDRM  | s   | B-b | ARG |
| ✓ <i>Alvador</i> |         | STTY  | s   | B-b | ARG |
| ✓ <i>Alvador</i> |         | SSYMS | s   | B-b | ARG |
| ✓ NLS            | ✓ FHAND |       | s   | B-c | CHI |
| ✓ NLS            | NOTES   |       | r   | B-d | CHI |
| ✓ Erickson       | MNCTR   |       | r   | B-b | CHI |
| ✓ MOL            | PASS1   |       | r   | B-b | CHI |
| ✓ Rulifson       | SYSGD   |       | r   | D-c | MGC |
| ✓ Paxton         | SIMUL   |       | r   | B-b | WHP |
| ✓ Paxton         | Y-CLN   |       | s   | B-b | WHP |
| ✓ Paxton         | Y-VCT   |       | s   | B-b | WHP |
| ✓ Paxton         | Y-CRE   |       | s   | B-b | WHP |
| ✓ Yarboroug      | FRID    |       | s   | B-c | JMY |
| ✓ Yarboroug      | DOOM    |       | s   | B-c | JMY |
| ✓ Yarboroug      | QCDEF   |       | s   | B-c | JMY |

## October

|           |           |       |   |     |     |
|-----------|-----------|-------|---|-----|-----|
|           | Meta      | R20   | s | B-b | MGC |
|           | ✓Ball     | PWG   | R |     |     |
|           | ✓Ball     | NEW   | R |     |     |
|           | ✓Ball     | CEIR  | r | B-a | GHB |
|           | ✓Ball     | CMLEX | R |     |     |
| not found | ✓Ball     | CENS  | R | B-b | GHB |
|           | ✓Ball     | FRAME | R |     |     |
|           | ✓Ball     | ITHY  | R |     |     |
| bad file  | Caldwell  | SYSTP | r | B-b | MGC |
|           | ✓Caldwell | HRSTC | r | B-b | MGC |
|           | ✓Carillon | CONTR |   |     |     |
|           | ✓Caldwell | XHAND | r | B-b | MGC |
|           | ✓Trundy   | ENDTE |   |     |     |
|           | ✓Caldwell | ARKIV | r | B-b | MGC |
|           | ✓Caldwell | FTS   | r | B-b | MGC |
|           | ✓Caldwell | FD    | r | B-b | MGC |
|           | ✓Caldwell | INVEN |   |     |     |
|           | ✓Caldwell | TAPIN | r | B-b | MGC |
|           | ✓Caldwell | SCAT  |   |     |     |
|           | ✓Caldwell | SUPPO | r | D-c | MGC |
|           | ✓Fademan  | SCAT  |   |     |     |
|           | ✓Caldwell | RAPRO | r | D-c | MGC |
|           | ✓Casseres | TODCC | r | B-b | DGC |
|           | ✓Paavola  | NPMEM | r | B-b | DGC |
|           | ✓Todas    | QSPL  | s | B-a | WSD |
|           | ✓Todas    | QMOGL | s | B-a | WSD |
|           | ✓Todas    | XNLS  | s | B-a | WSD |
|           | ✓Todas    | XLNLS | s | B-a | WSD |
|           | ✓Todas    | NPASS | s | B-a | WSD |
|           | ✓Todas    | Q1NLS | s | B-a | WSD |
|           | ✓Todas    | Q3NLS | s | B-a | WSD |
|           | ✓Todas    | Q2NLS | s | B-a | WSD |
|           | ✓Todas    | Q1NLS | s | B-a | WSD |
|           | ✓Todas    | PROCS | s | B-a | WSD |
|           | ✓Todas    | QNLS  | s | B-a | WSD |
| not found | Executive | NX4FC | s | B-b | ARG |

|                  |           |       |   |     |     |
|------------------|-----------|-------|---|-----|-----|
|                  | Executive | NX7IT | s | B-b | ARG |
| <i>not found</i> | Executive | NX1CR | s | B-b | ARG |
|                  | Executive | QX5XB | s | B-b | ARG |
|                  | Executive | XTS   | s | B-b | ARG |
| <i>mixed</i>     | Executive | X2CM  | s | B-b | ARG |
|                  | Executive | ENARP | s | B-b | ARG |
|                  | Executive | X5XB  | s | B-b | ARG |
| <i>not found</i> | Executive | QXTS  | s | B-b | ARG |
|                  | Executive | X6CM  | s | B-b | ARG |
| <i>not found</i> | Hardy     | SQ    | s | B-b | MEH |
|                  | Irby      | CRASH | r | D-d | CHI |
|                  | Erickson  | CALC  | r | B-b | CHI |
|                  | Erickson  | DISBU | r | B-b | CHI |
|                  | Erickson  | KEYWD | r | B-b | CHI |
|                  | Erickson  | IOCTL | r | B-b | CHI |
|                  | Erickson  | INPFB | r | B-b | CHI |
|                  | Erickson  | CLNUP | r | B-b | CHI |
|                  | Erickson  | DATA  | r | B-b | CHI |
|                  | Erickson  | LNKSU | r | B-b | CHI |
|                  | Erickson  | CACMP | r | B-b | CHI |
|                  | Erickson  | AUXCO | r | B-b | CHI |
|                  | Erickson  | DIDDL | r | B-b | CHI |
|                  | Erickson  | CDSPL | r | B-b | CHI |
|                  | Hay       | 4NLS  | s | B-c | CHI |
|                  | Hay       | 3NLS  | s | B-c | CHI |
|                  | Hay       | 2NLS  | s | B-c | CHI |
|                  | Hay       | 1NLS  | s | B-c | CHI |



|                 |        |       |   |     |     |
|-----------------|--------|-------|---|-----|-----|
| <i>bad file</i> | XDOC   | X33UP | r | B-b | MGC |
|                 | ✓ XDOC | X34UP | r | B-b | MGC |
| <i>bad file</i> | XDOC   | X35UP | r | B-b | MGC |
| <i>skipped</i>  | XDOC   | X36UP | r | B-b | MGC |
|                 | XDOC   | X37UP | r | B-b | MGC |
|                 | XDOC   | X38UP | r | B-b | MGC |
|                 | XDOC   | X39UP | r | B-b | MGC |
|                 | XDOC   | X40UP | r | B-b | MGC |
|                 | XDOC   | X41UP | r | B-b | MGC |
|                 | XDOC   | CUSER | r | B-b | MGC |

*on tape:*

MSR

(CARILLON) VMEET R B-b MGC

(CARILLON) UPLAN R B-b MGC

*duplicate*

11/19/69 a.m.

ARCHIVE

January

|         |       |   |     |     |
|---------|-------|---|-----|-----|
| Andrews | TREE  | r | B-c | MGC |
| Andrews | CMLEX | r | B-c | MGC |
| Andrews | NLSFI | r | B-c | MGC |
| Andrews | DATAF | r | B-c | MGC |
| Andrews | SPECI | r | B-c | MGC |
| Andrews | INPFB | r | B-c | MGC |
| Andrews | SDBMN | r | B-c | MGC |
| Andrews | MAINT | r | B-c | MGC |
| Andrews | OUTLN | r | B-c | MGC |
| Angluin | WKSRI | s | B-b | ARG |
| Angluin | NARP  | s | B-b | ARG |
| Angluin | IT    | s | B-b | ARG |
| Angluin | DM    | s | B-b | ARG |
| Angluin | DT    | s | B-b | ARG |
| Angluin | MC    | s | B-b | ARG |
| Angluin | ODDT  | s | B-b | ARG |
| Deutsch | CRASH | s | B-b | ARG |
| Deutsch | NLS   | s | B-b | ARG |
| Deutsch | TEST  | s | B-b | ARG |
| Deutsch | 3EST  | s | B-b | ARG |
| Deutsch | 2EST  | s | B-b | ARG |
| Deutsch | 2SST  | s | B-b | ARG |
| Deutsch | 1SS/5 | s | B-b | ARG |
| Deutsch | 4XM   | s | B-b | ARG |
| Deutsch | FICOP | s | B-b | ARG |

|           |       |   |     |     |
|-----------|-------|---|-----|-----|
| Deutsch   | CFSIM | s | B-b | ARG |
| Deutsch   | 3XM   | s | B-b | ARG |
| Deutsch   | 2XM   | s | B-b | ARG |
| Deutsch   | 1XM   | s | B-b | ARG |
| Deutsch   | 1EST  | s | B-b | ARG |
| Deutsch   | SYSSV | s | B-b | ARG |
| Deutsch   | 2MM   | s | B-b | ARG |
| Deutsch   | 1MM   | s | B-b | ARG |
| Deutsch   | WKSRI | s | B-b | ARG |
| Deutsch   | FIDEL | s | B-b | ARG |
| Deutsch   | XFD   | r | B-b | ARG |
| Deutsch   | TEMP  | r | B-b | ARG |
| Deutsch   | WNOT  | r | B-b | ARG |
| Deutsch   | BTST  | r | B-b | ARG |
| Deutsch   | EBSFD | r | B-b | ARG |
| Deutsch   | AF7   | r | B-b | ARG |
| English   | PFJCC | r | D-c | WKE |
| English   | DT196 | s | D-c | WKE |
| Watson    | DCMEQ | r | D-b | WKE |
| Watson    | NETEQ | s | D-c | WKE |
| Executive | X4FC  | s | B-b | ARG |
| Executive | X3FB  | s | B-b | ARG |
| Executive | X1CR  | s | B-b | ARG |
| Hay       | WY-SD | s | B-c | CHI |
| Lisp      | SYDOC | s | D-c | ARG |
| Lisp      | DOCTR | s | D-c | ARG |
| Lisp      | SCRPT | s | D-c | ARG |

|          |       |   |     |     |
|----------|-------|---|-----|-----|
| Lisp     | LISP  | s | D-c | ARG |
| Lisp     | LLIBE | s | D-c | ARG |
| Lisp     | LCOMP | s | D-c | ARG |
| Monitor  | ONTTY | s | B-b | ARG |
| Monitor  | SNTTY | s | B-b | ARG |
| Monitor  | NSTTY | s | B-b | ARG |
| Monitor  | QPR   | s | B-b | ARG |
| Monitor  | HLIST | s | B-b | ARG |
| Monitor  | NSYSS | s | B-b | ARG |
| Monitor  | CLIST | s | B-b | ARG |
| Monitor  | REX   | s | B-b | ARG |
| Monitor  | S2M   | s | B-b | ARG |
| Monitor  | SBRS  | s | B-b | ARG |
| Monitor  | SMEM  | s | B-b | ARG |
| Monitor  | SPAC  | s | B-b | ARG |
| Monitor  | SRUP  | s | B-b | ARG |
| Monitor  | SIO   | s | B-b | ARG |
| Monitor  | SW    | s | B-b | ARG |
| Rulifson | NETPL | r | D-c | MGC |
| Rulifson | POLYL | s | D-c | MGC |
| Rulifson | POLYT | s | D-c | MGC |
| Rulifson | WATCH | s | D-c | MGC |
| Rulifson | CHECK | s | D-c | MGC |
| Rulifson | LOADS | r | D-c | MGC |
| Rulifson | MMM   | r | D-c | MGC |
| Rulifson | ADDER | s | D-c | MGC |
| Rulifson | REWRI | r | D-c | MGC |

|          |       |   |     |     |
|----------|-------|---|-----|-----|
| Rulifson | RELAT | r | D-c | MGC |
| Rulifson | POLAR | s | D-c | MGC |
| Rulifson | SUPER | s | D-c | MGC |
| NLS      | DIREC | r | B-c | WHP |
| NLS      | CIA   | r | B-c | WHP |
| NLS      | STAT  | s | B-c | WHP |
| NLS      | GHDFX | s | B-c | WHP |
| NLS      | RRDFD | s | B-c | WHP |
| NLS      | SOUND | s | B-c | WHP |
| NLS      | G-QLD | s | B-c | WHP |
| NLS      | G-PSO | s | B-c | WHP |
| NLS      | NLSOU | s | B-c | WHP |
| NLS      | G-CML | s | B-c | WHP |
| NLS      | CFSIM | s | B-c | WHP |
| NLS      | B-NLS | s | B-c | WHP |
| Shapiro  | FINAL | r | D-c | EGS |
| Shapiro  | N4    | r | D-c | EGS |
| Shapiro  | N3    | r | D-c | EGS |
| Shapiro  | N1    | r | D-c | EGS |
| Shapiro  | C4    | r | D-c | EGS |
| Shapiro  | C3    | r | D-c | EGS |
| Shapiro  | C2    | r | D-c | EGS |
| Shapiro  | C1    | r | D-c | EGS |
| System   | DISKT | s | B-b | ARG |
| System   | TPSCN | s | B-b | ARG |
| System   | B-INT | s | B-b | ARG |
| System   | B-DTN | s | B-b | ARG |

|        |        |   |     |     |
|--------|--------|---|-----|-----|
| System | G-PS1  | s | B-b | ARG |
| System | ARPAS  | s | B-b | ARG |
| System | META   | s | B-b | ARG |
| System | WDT    | s | B-b | ARG |
| System | XUDIR  | s | B-b | ARG |
| System | DWDT   | s | B-b | ARG |
| System | DW/17  | s | B-b | ARG |
| System | HTEMP  | s | B-b | ARG |
| System | MOL    | s | B-b | ARG |
| System | KDF    | s | B-b | ARG |
| System | UTCFD  | s | B-b | ARG |
| System | UDFIX  | s | B-b | ARG |
| System | SCAN   | s | B-b | ARG |
| System | TDUP   | s | B-b | ARG |
| System | FXCFD  | s | B-b | ARG |
| System | QSPL   | s | B-b | ARG |
| System | MAIL   | s | B-b | ARG |
| System | CCP    | s | B-b | ARG |
| System | \$2PTE | s | B-b | ARG |
| System | \$1PTE | s | B-b | ARG |
| System | CLOAD  | s | B-b | ARG |
| System | BACKG  | s | B-b | ARG |
| Tree   | MOLR   | r | D-c | WHP |
| Tree   | TMR    | r | D-c | WHP |
| Tree   | PS4SG  | r | D-c | WHP |
| Tree   | MOLSG  | r | D-c | WHP |
| Pass   | BEPL   | s | B-c | FKT |

|        |       |   |     |     |
|--------|-------|---|-----|-----|
| Passh  | SEP4  | s | B-c | FKT |
| Passh  | BD-S  | s | B-c | FKT |
| Passh  | SD-S  | s | B-c | FKT |
| Passh  | SDSYN | s | B-c | FKT |
| Passh  | SDMET | s | B-c | FKT |
| Passh  | REDP4 | s | B-c | FKT |
| Levine | G-TOD | s | B-b | FKT |

## February

|          |       |   |     |     |
|----------|-------|---|-----|-----|
| Stone    | CHING | r | B-c | DGC |
| English  | TSKAC | r | D-c | WKE |
| Rulifson | MUSIC | r | D-c | MGC |
| System   | TAPE  | s | B-b | ARG |
| System   | PTEST | s | B-b | ARG |
| Passh    | SDIR  | s | B-c | FKT |
| Levine   | TODNP | r | D-d | FKT |
| Levine   | TODAL | s | D-d | FKT |
| Levine   | TODUG | r | B-b | FKT |
| Levine   | TODOP | s | D-d | FKT |
| Levine   | NTODA | r | D-d | FKT |

## March

|          |       |   |     |     |
|----------|-------|---|-----|-----|
| Hay      | BCAMC | s | B-c | CHI |
| Meta     | OPCOD | s | B-c | MGC |
| Rulifson | BCIS  | r | D-c | MGC |
| Rulifson | DEL   | r | D-c | MGC |
| Shapiro  | N9    | r | D-c | EGS |
| Shapiro  | N10   | r | D-c | EGS |
| SDS      | RFRNC | r | C-c | DGC |
| SDS      | QROME | r | D-c | DGC |
| Tomlin   | SPCIS | r | D-d | FKT |
| Tomlin   | NICNO | r | D-d | FKT |

## April

|          |       |   |     |     |
|----------|-------|---|-----|-----|
| Casseres | CONAN | r | B-b | DGC |
| Duvall   | NOTES | r | D-d | WSD |
| Duvall   | ATODA | r | D-d | WSD |
| Duvall   | BTODA | r | D-d | WSD |
| Duvall   | GTODA | r | D-d | WSD |
| Duvall   | DTODA | r | D-d | WSD |
| Duvall   | NLS A | r | D-d | WSD |
| Duvall   | ETODA | r | D-d | WSD |
| Watson   | CHSET | r | D-c | WKE |
| Hardy    | B-D96 | s | B-b | MEH |
| Rulifson | CDP   | r | D-c | MGC |
| Rulifson | LEVEL | r | D-c | MGC |
| Shapiro  | N11   | r | D-c | EGS |
| Shapiro  | N8    | r | D-c | EGS |
| Tomlin   | WORK  | r | D-d | FKT |
| Levine   | GODSG | r | D-d | FKT |
| Levine   | GODNP | r | D-d | FKT |

## May

|           |       |   |     |     |
|-----------|-------|---|-----|-----|
| Deutsch   | SAVE  | r | B-b | ARG |
| Duvall    | XTODA | r | D-d | WSD |
| Duvall    | GTODA | r | D-d | WSD |
| Duvall    | QTODA | r | D-d | WSD |
| Duvall    | JTODA | r | D-d | WSD |
| Duvall    | FTODA | r | D-d | WSD |
| Duvall    | NET   | r | D-d | WSD |
| Geoffrion | CONVT | s | B-c | ARG |
| Geoffrion | FORK  | s | B-c | ARG |
| Geoffrion | FLIP2 | s | B-c | ARG |
| Hardy     | TTY   | s | B-b | MEH |
| Irby      | AHIGO | r | D-d | CHI |
| Irby      | DOCFU | r | D-d | CHI |
| Irby      | NWOVR | r | D-d | CHI |
| Pilot     | DIODE | s | B-b | ARG |
| Pilot     | DEMO  | s | B-b | ARG |
| Pilot     | QUEST | s | D-c | ARG |
| Pilot     | EBIN  | s | D-c | ARG |
| Pilot     | LATE  | s | D-c | ARG |
| Pilot     | INSTN | s | D-c | ARG |
| Pilot     | TRANS | s | D-c | ARG |
| Pilot     | WAVES | s | D-c | ARG |
| Pilot     | FASOR | s | D-c | ARG |
| Pilot     | SEMIC | s | D-c | ARG |
| Pilot     | LAST  | s | D-c | ARG |
| Pilot     | BKUPE | s | D-c | ARG |

|          |        |   |     |     |
|----------|--------|---|-----|-----|
| Pilot    | BKUPC  | s | D-c | ARG |
| Pilot    | CBIN   | s | D-c | ARG |
| Pilot    | PILOT  | s | D-c | ARG |
| Pilot    | SIGNL  | s | D-c | ARG |
| Pilot    | CMPLX  | s | B-b | ARG |
| Pilot    | RES    | s | B-b | ARG |
| Rulifson | ULI    | r | D-c | MGC |
| Rulifson | ULC    | r | D-c | MGC |
| Rulifson | SUBST  | r | D-c | MGC |
| Rulifson | STRAC  | r | D-c | MGC |
| System   | NUDIR  | s | B-b | ARG |
| System   | Q37    | s | B-b | ARG |
| System   | OU DIR | s | B-b | ARG |
| System   | KLP4P  | s | B-b | ARG |
| System   | KLPNT  | s | B-b | ARG |
| Tomlin   | CONTS  | r | D-d | FKT |
| Levine   | GODOL  | r | D-d | FKT |

## June

|           |       |   |     |     |
|-----------|-------|---|-----|-----|
| Casseres  | NLKV  | r | B-b | DGC |
| Casseres  | NLINT | r | B-b | DGC |
| Casseres  | INFOR | r | B-b | DGC |
| Casseres  | NLDEF | r | B-b | DGC |
| Duvall    | NILNT | r | D-d | WSD |
| Durham    | TODAS | r | D-d | WSD |
| Durham    | BACKU | r | D-d | WSD |
| Durham    | NTODA | r | D-d | WSD |
| Durham    | IBACK | r | D-d | WSD |
| Geoffrion | FASOR | s | D-c | ARG |
| Geoffrion | CMPLX | s | D-c | ARG |
| Geoffrion | SIGNL | s | D-c | ARG |
| Geoffrion | WAVES | s | D-c | ARG |
| Geoffrion | PDISC | s | D-c | ARG |
| Geoffrion | PLAST | s | D-c | ARG |
| Geoffrion | PLCMP | s | D-c | ARG |
| Geoffrion | PLEXU | s | D-c | ARG |
| Geoffrion | TEST  | r | B-c | ARG |
| Irby      | DOCLO | r | D-d | CHI |
| Meta      | SAL   | r | B-c | MGC |
| Pilot     | Files | s | B-b | ARG |
| Rulifson  | LOGEQ | r | D-c | MGC |
| Rulifson  | HIKES | r | D-c | MGC |
| Rulifson  | XCALX | s | D-c | MGC |
| Rulifson  | STRAX | s | D-c | MGC |
| Rulifson  | GLOG  | s | D-c | MGC |

|        |       |   |     |     |
|--------|-------|---|-----|-----|
| Tomlin | TSTAT | r | D-d | FKT |
| Tomlin | COCIS | r | D-d | FKT |
| Tomlin | CHCIS | r | D-d | FKT |
| Tomlin | SRIDR | r | D-d | FKT |
| Passh  | BARAY | s | B-c | FKT |
| Passh  | SARAY | s | B-c | FKT |
| Levine | VICIS | r | D-d | FKT |
| Levine | GODDE | r | B-d | FKT |

## July

|           |       |   |     |     |
|-----------|-------|---|-----|-----|
| Meta      | R19   | s | B-c | MGC |
| Angluin   | ONDDT | s | B-b | ARG |
| Angluin   | DUDDT | s | B-b | ARG |
| Angluin   | SBREK | s | B-b | ARG |
| Angluin   | SLOAD | s | B-b | ARG |
| Angluin   | SNEW  | s | B-b | ARG |
| Angluin   | STEMP | s | B-b | ARG |
| Angluin   | CPDDT | s | B-b | ARG |
| Angluin   | SMAIN | s | B-b | ARG |
| Bass      | SCROD | r | B-c | MGC |
| Casseres  | NLVCH | r | B-b | DGC |
| Casseres  | NLETC | r | B-b | DGC |
| Casseres  | CALUG | r | B-b | DGC |
| Casseres  | NLVP  | r | B-b | DGC |
| Casseres  | KDFUG | r | B-b | DGC |
| Paavola   | UFPFL | r | B-d | DGC |
| Duvall    | HTODA | r | D-d | WSD |
| Todas     | NLS   | s | B-a | WSD |
| Todas     | 1NLS  | s | B-a | WSD |
| Todas     | 2NLS  | s | B-a | WSD |
| Todas     | 3NLS  | s | B-a | WSD |
| Todas     | 4NLS  | s | B-a | WSD |
| Todas     | NMOL  | s | B-a | WSD |
| Todas     | NMETA | s | B-a | WSD |
| Executive | 3EST  | s | B-b | ARG |
| Executive | TTBMM | s | B-b | ARG |

|           |       |   |     |     |
|-----------|-------|---|-----|-----|
| Executive | SYSSV | s | B-b | ARG |
| Executive | 2MM   | s | B-b | ARG |
| Executive | 1MM   | s | B-b | ARG |
| Executive | X7IT  | s | B-b | ARG |
| Executive | 4EST  | s | B-b | ARG |
| Executive | 2EST  | s | B-b | ARG |
| Executive | 1EST  | s | B-b | ARG |
| Executive | 4XM   | s | B-b | ARG |
| Executive | 3XM   | s | B-b | ARG |
| Executive | 2XM   | s | B-b | ARG |
| Executive | 1XM   | s | B-b | ARG |
| Executive | LX7IT | s | B-b | ARG |
| Geoffrion | TAPE  | r | D-c | ARG |
| Geoffrion | DVERT | s | D-c | ARG |
| Huggins   | NB5XB | s | B-b | ARG |
| Huggins   | NB7IT | s | B-b | ARG |
| Irby      | TRNSF | r | D-d | CHI |
| NLS       | FILUT | s | B-c | CHI |
| NLS       | SYMBO | s | B-c | WHP |
| NLS       | RPAS4 | s | B-c | WHP |
| NLS       | C-NLS | r | B-c | WHP |
| NLS       | LODCO | s | B-b | CHI |
| NLS       | LODNL | s | B-d | CHI |
| NLS       | NLSFI | s | B-b | CHI |
| Erickson  | MISCM | r | B-b | CHI |
| Hay       | MN-AR | s | B-c | CHI |
| Hay       | Y-INP | s | B-c | CHI |

|        |                     |   |     |     |
|--------|---------------------|---|-----|-----|
| Hay    | Y-TOD               | s | B-c | CHI |
| Hay    | TR-AR               | s | B-c | CHI |
| Hay    | T-ARP               | s | B-c | CHI |
| MOL    | SPL                 | r | B-b | CHI |
| Paxton | Y-OUT               | s | B-b | WHP |
| System | GPAS1               | s | B-b | ARG |
| System | XMETA               | s | B-b | ARG |
| Tomlin | CISFD               | r | B-d | FKT |
| Passh  | BNFMT               | s | B-c | FKT |
| Passh  | PASSh               | s | B-c | FKT |
| Passh  | BP <sub>h</sub>     | s | B-c | FKT |
| Passh  | SP <sub>h</sub>     | s | B-c | FKT |
| Passh  | BDATA               | s | B-c | FKT |
| Passh  | SDATA               | s | B-c | FKT |
| Passh  | R-Ph                | s | B-c | FKT |
| Passh  | BP <sub>h</sub> -PI | s | B-c | FKT |
| Passh  | BPNGN               | s | B-c | FKT |
| Passh  | BNLP <sub>h</sub>   | s | B-c | FKT |
| Passh  | RNLP <sub>h</sub>   | s | B-c | FKT |
| Passh  | SFMT                | s | B-c | FKT |
| Passh  | PhPIC               | s | B-c | FKT |
| Passh  | SNFMT               | s | B-c | FKT |
| Passh  | SNLP <sub>h</sub>   | s | B-c | FKT |
| Passh  | SNPGN               | s | B-c | FKT |
| Passh  | BIOP <sub>h</sub>   | s | B-c | FKT |
| Passh  | BFMT                | s | B-c | FKT |
| Passh  | SIOP <sub>h</sub>   | s | B-c | FKT |

|        |       |   |     |     |
|--------|-------|---|-----|-----|
| Passl  | WY-SD | s | B-c | FKT |
| Levine | GOCIS | r | D-d | FKT |
| Levine | BOCIS | r | D-d | FKT |
| Levine | V2CIS | r | D-d | FKT |
| Levine | GODO2 | r | D-d | FKT |
| Levine | GODOG | r | D-d | FKT |
| Levine | OPSP  | r | B-c | FKT |
| Levine | GODCH | s | D-c | FKT |

## TAPE FILES TO ARCHIVE Sys -2, Reel 1

|                              |     |     |      |  |
|------------------------------|-----|-----|------|--|
| Geoffrion PILOTCOMPILER      |     |     |      |  |
| s-t                          | D-c | ARG | -2,1 |  |
| Geoffrion PILOTEXEC          |     |     |      |  |
| s-t                          | D-c | ARG | -2,1 |  |
| Geoffrion BACKGROUND PROGRAM |     |     |      |  |
| r-t                          | D-c | ARG | -2,1 |  |
| Geoffrion TEST ROUTINE       |     |     |      |  |
| r-t                          | D-c | ARG | -2,1 |  |

## August

|           |       |   |           |     |
|-----------|-------|---|-----------|-----|
| Andrews   | XMETA | s | B-c       | MGC |
| Andrews   | AHIDS | r | B-c       | MGC |
| Meta      | R7/24 | s | B-c       | MGC |
| Meta      | Q7/24 | s | B-c       | MGC |
| Meta      | T7/24 | s | B-c       | MGC |
| Meta      | Q20   | s | B-c       | MGC |
| Meta      | Q7/22 | s | B-c       | MGC |
| Meta      | T7/22 | s | B-c       | MGC |
| Meta      | INITL | s | B-c       | MGC |
| Angluin   | DDT   | s | B-b       | ARG |
| Ball      | ITHY  | r | D-d       | GHB |
| Caldwell  | MOX   | r | D-c       | MGC |
| Paavola   | A2SAR | r | B-d       | DGC |
| Duvall    | LIST  | r | D-d       | WSD |
| Parsley   | UTILT | r | ?owned by | WSD |
| Todas     | XPAS4 | s | B-a       | WSD |
| Todas     | X2NLS | s | B-a       | WSD |
| Todas     | X3NLS | s | B-a       | WSD |
| Todas     | XPROC | s | B-a       | WSD |
| Executive | CRA1  | s | B-b       | ARG |
| Geoffrion | NFD   | s | B-b       | ARG |
| System    | TTBMM | s | B-b       | ARG |
| System    | ECPAR | s | B-b       | ARG |
| System    | CPARE | s | B-b       | ARG |
| System    | 2SST  | s | B-b       | ARG |

|        |       |   |     |     |
|--------|-------|---|-----|-----|
| System | 1SST  | s | B-b | ARG |
| System | 2MM   | s | B-b | ARG |
| System | 1MM   | s | B-b | ARG |
| System | SYSSV | s | B-b | ARG |
| NLS    | NWBUG | r | B-c | WHP |
| NLS    | TODCT | s | B-c | WHP |
| NLS    | NWLOD | s | B-b | CHI |
| NLS    | RECOR | s | B-b | CHI |
| NLS    | BINAR | s | B-b | CHI |
| NLS    | FILU  | s | B-d | CHI |
| Hay    | POPS  | s | B-c | CHI |
| Hay    | B2VCT | s | B-c | CHI |
| Hay    | BSEQG | s | B-c | CHI |
| Hay    | BIOCT | s | B-c | CHI |
| Hay    | BCALC | s | B-c | CHI |
| Hay    | BCACM | s | B-c | CHI |
| Hay    | BDIDD | s | B-c | CHI |
| Hay    | BKEYW | s | B-c | CHI |
| Hay    | BVCTE | s | B-c | CHI |
| Hay    | BSTRM | s | B-c | CHI |
| Hay    | BTODM | s | B-c | CHI |
| Hay    | BMNCT | s | B-c | CHI |
| Hay    | BAUXC | s | B-c | CHI |
| Hay    | R-ARP | s | B-c | CHI |
| Hay    | BTXTE | s | B-c | CHI |
| Hay    | BUTIL | s | B-c | CHI |
| Hay    | BDATA | s | B-c | CHI |

|        |        |   |     |     |
|--------|--------|---|-----|-----|
| Hay    | BCLNU  | s | B-c | CHI |
| Hay    | BLNKS  | s | B-c | CHI |
| Hay    | BPRMS  | s | B-c | CHI |
| Hay    | BOUTO  | s | B-c | CHI |
| Hay    | BCDSP  | s | B-c | CHI |
| Hay    | BDISB  | s | B-c | CHI |
| Hay    | BRECI  | s | B-c | CHI |
| Hay    | BSDBM  | s | B-c | CHI |
| Hay    | BINPF  | s | B-c | CHI |
| Paxton | Y-TSQ  | s | B-b | WHP |
| Paxton | Y-TOD  | s | B-b | WHP |
| Paxton | Y-PSH  | s | B-b | WHP |
| Paxton | Y-TXT  | s | B-b | WHP |
| Paxton | Y-STR  | s | B-b | WHP |
| Paxton | Y-INP  | s | B-b | WHP |
| Paxton | Y-EXT  | s | B-b | WHP |
| Paxton | Y-BAS  | s | B-b | WHP |
| System | \$NOBO | s | B-b | ARG |
| System | SNOBO  | s | B-b | ARG |
| System | CR1B   | s | B-b | ARG |
| System | CR1A   | s | B-b | ARG |
| Tomlin | PSHFD  | r | B-c | FKT |
| Tomlin | FD     | r | B-c | FKT |
| Tomlin | GODFD  | r | B-b | FKT |
| Levine | GODG3  | s | B-b | FKT |
| Levine | GODO3  | r | B-b | FKT |
| Levine | GODUG  | r | B-c | FKT |

|           |       |   |     |     |
|-----------|-------|---|-----|-----|
| Levine    | GODPL | r | B-c | FKT |
| Levine    | GODGL | r | B-d | FKT |
| Yarboroug | QMUXQ | s | B-c | JMY |

## TAPE FILES TO ARCHIVE Sys -17, Reel 1

|         |     |     |     |     |       |
|---------|-----|-----|-----|-----|-------|
| Shapiro | FD  | r-t | B-c | EGS | -17,1 |
| Shapiro | N14 | r-t | D-c | EGS | -17,1 |
| Shapiro | N15 | r-t | D-c | EGS | -17,1 |
| Shapiro | N13 | r-t | D-c | EGS | -17,1 |
| Shapiro | N12 | r-t | D-c | EGS | -17,1 |
| Shapiro | N8  | r-t | D-c | EGS | -17,1 |

## September

|          |       |   |     |     |
|----------|-------|---|-----|-----|
| Andrews  | IOCTL | r | B-c | MGC |
| Andrews  | REGIN | r | B-c | MGC |
| Andrews  | UTILT | r | B-c | MGC |
| Meta     | BIO   | s | B-b | MGC |
| Meta     | SLIBE | r | B-b | MGC |
| Meta     | T10/9 | s | B-b | MGC |
| Meta     | LIBE  | r | B-b | MGC |
| Meta     | BLIBE | s | B-b | MGC |
| Meta     | TREE  | r | B-b | MGC |
| Meta     | 20    | s | B-b | MGC |
| Meta     | T8/28 | s | B-b | MGC |
| Bass     | PORTL | r | B-c | MGC |
| Bass     | BRIEF | r | B-c | MGC |
| Bass     | PORTA | r | B-c | MGC |
| Bass     | INDEX | r | B-c | MGC |
| Bass     | XAMPL | r | B-c | MGC |
| Bass     | BLURB | r | B-c | MGC |
| Bass     | PROCS | r | B-c | MGC |
| Caldwell | UCSB  | r | D-c | MGC |
| Caldwell | TOFFL | r | D-c | MGC |
| Caldwell | MGOAL | r | D-c | MGC |
| Caldwell | MGCJO | r | B-b | MGC |
| Casseres | BLURB | r | B-d | DGC |
| Casseres | UFNPC | r | B-c | DGC |
| Casseres | UFNPB | r | B-c | DGC |
| Stone    | BIBL  | r | B-c | DGC |

|           |       |   |     |     |
|-----------|-------|---|-----|-----|
| Church    | PRES  | r | B-c | MSC |
| Executive | GNARP | s | B-b | ARG |
| Geoffrion | FILDR | r | D-c | ARG |
| Geoffrion | NFXCD | s | B-b | ARG |
| Geoffrion | SFXCD | s | B-c | ARG |
| Geoffrion | FLIP3 | r | B-c | ARG |
| Geoffrion | FLIP  | r | B-c | ARG |
| Geoffrion | GRAPH | r | B-c | ARG |
| Hardy     | PAT   | s | B-b | MEH |
| Huggins   | XNARP | s | B-c | ARG |
| Huggins   | 3EST  | s | B-c | ARG |
| Huggins   | B6CM  | s | B-c | ARG |
| Huggins   | TBMM  | s | B-c | ARG |
| Huggins   | BNTTY | s | B-c | ARG |
| Huggins   | BPAC  | s | B-c | ARG |
| Huggins   | 2SST  | s | B-c | ARG |
| Huggins   | 4XM   | s | B-c | ARG |
| Huggins   | 4EST  | s | B-c | ARG |
| Huggins   | 3XM   | s | B-c | ARG |
| Huggins   | 2XM   | s | B-c | ARG |
| Huggins   | 2EST  | s | B-c | ARG |
| Huggins   | 1XM   | s | B-c | ARG |
| Huggins   | 1EST  | s | B-c | ARG |
| Huggins   | B2CM  | s | B-c | ARG |
| Huggins   | B5XB  | s | B-c | ARG |
| Huggins   | SYSSV | s | B-c | ARG |
| Huggins   | 2MM   | s | B-c | ARG |

|         |       |   |     |     |
|---------|-------|---|-----|-----|
| Huggins | 1MM   | s | B-c | ARG |
| Huggins | 1SST  | s | B-c | ARG |
| Huggins | B4FC  | s | B-c | ARG |
| Huggins | B7IT  | s | B-c | ARG |
| Huggins | B3FB  | s | B-c | ARG |
| Huggins | BICR  | s | B-c | ARG |
| Huggins | ENARP | s | B-c | ARG |
| Huggins | B2M   | s | B-c | ARG |
| Huggins | B1M   | s | B-c | ARG |
| Huggins | BBRS  | s | B-c | ARG |
| Huggins | BMEM  | s | B-c | ARG |
| Huggins | BDRM  | s | B-c | ARG |
| Huggins | BTTY  | s | B-c | ARG |
| Huggins | BTS   | s | B-c | ARG |
| Huggins | BGSRI | s | B-c | ARG |
| Huggins | BRUP  | s | B-c | ARG |
| Huggins | BIO   | s | B-c | ARG |
| Huggins | BW    | s | B-c | ARG |
| Huggins | BSYMS | s | B-c | ARG |
| Irby    | CODEC | s | D-d | CHI |
| Irby    | CNVRS | s | D-d | CHI |
| System  | BNTTY | s | B-b | ARG |
| System  | BGSRI | s | B-b | ARG |
| System  | B2M   | s | B-b | ARG |
| System  | B1M   | s | B-b | ARG |
| System  | BRUP  | s | B-b | ARG |
| System  | BBRS  | s | B-b | ARG |

|           |       |   |     |     |
|-----------|-------|---|-----|-----|
| System    | BMEM  | s | B-b | ARG |
| System    | BPAC  | s | B-b | ARG |
| System    | BDRM  | s | B-b | ARG |
| System    | BTTY  | s | B-b | ARG |
| System    | BIO   | s | B-b | ARG |
| System    | BW    | s | B-b | ARG |
| System    | XNARP | s | B-b | ARG |
| System    | BSYMS | s | B-b | ARG |
| System    | WKSRI | s | B-b | ARG |
| System    | S1M   | s | B-b | ARG |
| System    | SDRM  | s | B-b | ARG |
| System    | STTY  | s | B-b | ARG |
| System    | SSYMS | s | B-b | ARG |
| NLS       | FHAND | s | B-c | CHI |
| NLS       | NOTES | r | B-d | CHI |
| Erickson  | MNCTR | r | B-b | CHI |
| MOL       | PASS1 | r | B-b | CHI |
| Rulifson  | SYSGD | r | D-c | MGC |
| Paxton    | SIMUL | r | B-b | WHP |
| Paxton    | Y-CLN | s | B-b | WHP |
| Paxton    | Y-VCT | s | B-b | WHP |
| Paxton    | Y-CRE | s | B-b | WHP |
| Yarboroug | FRID  | s | B-c | JMY |
| Yarboroug | DOOM  | s | B-c | JMY |
| Yarboroug | QCDEF | s | B-c | JMY |

## October

|           |       |   |     |     |
|-----------|-------|---|-----|-----|
| Meta      | R20   | s | B-b | MGC |
| Ball      | CEIR  | r | B-a | GHB |
| Ball      | CENS  | r | B-b | GHB |
| Caldwell  | SYSTP | r | B-b | MGC |
| Caldwell  | HRSTC | r | B-b | MGC |
| Caldwell  | XHAND | r | B-b | MGC |
| Caldwell  | ARKIV | r | B-b | MGC |
| Caldwell  | FTS   | r | B-b | MGC |
| Caldwell  | FD    | r | B-b | MGC |
| Caldwell  | TAPIN | r | B-b | MGC |
| Caldwell  | SUPPO | r | D-c | MGC |
| Caldwell  | RAPRO | r | D-c | MGC |
| Casseres  | TODCC | r | B-b | DGC |
| Paavola   | NPMEM | r | B-b | DGC |
| Todas     | QSPL  | s | B-a | WSD |
| Todas     | QMOOL | s | B-a | WSD |
| Todas     | XNLS  | s | B-a | WSD |
| Todas     | X1NLS | s | B-a | WSD |
| Todas     | NPASS | s | B-a | WSD |
| Todas     | Q1NLS | s | B-a | WSD |
| Todas     | Q3NLS | s | B-a | WSD |
| Todas     | Q2NLS | s | B-a | WSD |
| Todas     | Q1NLS | s | B-a | WSD |
| Todas     | PROCS | s | B-a | WSD |
| Todas     | QNLS  | s | B-a | WSD |
| Executive | NX4FC | s | B-b | ARG |

|           |       |   |     |     |
|-----------|-------|---|-----|-----|
| Executive | NX7IT | s | B-b | ARG |
| Executive | NX1CR | s | B-b | ARG |
| Executive | QX5XB | s | B-b | ARG |
| Executive | XTS   | s | B-b | ARG |
| Executive | X2CM  | s | B-b | ARG |
| Executive | ENARP | s | B-b | ARG |
| Executive | X5XB  | s | B-b | ARG |
| Executive | QXTS  | s | B-b | ARG |
| Executive | X6CM  | s | B-b | ARG |
| Hardy     | SQ    | s | B-b | MEH |
| Irby      | CRASH | r | D-d | CHI |
| Erickson  | CALC  | r | B-b | CHI |
| Erickson  | DISBU | r | B-b | CHI |
| Erickson  | KEYWD | r | B-b | CHI |
| Erickson  | IOCTL | r | B-b | CHI |
| Erickson  | INPFB | r | B-b | CHI |
| Erickson  | CLNUP | r | B-b | CHI |
| Erickson  | DATA  | r | B-b | CHI |
| Erickson  | LNKSU | r | B-b | CHI |
| Erickson  | GACMP | r | B-b | CHI |
| Erickson  | AUXCO | r | B-b | CHI |
| Erickson  | DIDDL | r | B-b | CHI |
| Erickson  | CDSPL | r | B-b | CHI |
| Hay       | 4NLS  | s | B-c | CHI |
| Hay       | 3NLS  | s | B-c | CHI |
| Hay       | 2NLS  | s | B-c | CHI |
| Hay       | 1NLS  | s | B-c | CHI |

|        |       |   |     |     |
|--------|-------|---|-----|-----|
| Hay    | NLS   | s | B-c | CHI |
| MOL    | OUTOV | r | B-b | CHI |
| MOL    | TODA2 | r | B-b | CHI |
| MOL    | STRMN | r | B-b | CHI |
| MOL    | NOUTO | r | B-b | CHI |
| MOL    | TODAL | r | B-b | CHI |
| MOL    | SEQGE | r | B-b | CHI |
| MOL    | VCTED | r | B-b | CHI |
| MOL    | PRMSP | r | B-b | CHI |
| MOL    | 2VCTE | r | B-b | CHI |
| MOL    | REGIN | r | B-b | CHI |
| MOL    | SDBMN | r | B-b | CHI |
| Norton | JPLAN | r | B-a | JCN |
| Norton | *BUDO | s | B-b | JCN |
| Norton | *BUDI | s | B-b | JCN |
| Norton | RECRU | r | B-b | JCN |
| Paxton | NMOLR | r | B-b | WHP |
| Pilot  | DEAN  | s | B-b | ARG |
| System | UDIR  | s | B-b | ARG |
| System | CCPLD | s | B-b | ARG |
| System | MFILE | r | B-b | ARG |
| XDOC   | X27UP | r | B-b | MGC |
| XDOC   | X28UP | r | B-b | MGC |
| XDOC   | X29UP | r | B-b | MGC |
| XDOC   | X30UP | r | B-b | MGC |
| XDOC   | X31UP | r | B-b | MGC |
| XDOC   | X32UP | r | B-b | MGC |

|      |       |   |     |     |
|------|-------|---|-----|-----|
| XDOC | X33UP | r | B-b | MGC |
| XDOC | X34UP | r | B-b | MGC |
| XDOC | X35UP | r | B-b | MGC |
| XDOC | X36UP | r | B-b | MGC |
| XDOC | X37UP | r | B-b | MGC |
| XDOC | X38UP | r | B-b | MGC |
| XDOC | X39UP | r | B-b | MGC |
| XDOC | X40UP | r | B-b | MGC |
| XDOC | X41UP | r | B-b | MGC |
| XDOC | CUSER | r | B-b | MGC |

| TAPE FILES TO ARCHIVE |       |     | Sys 9 GHB |     |     |
|-----------------------|-------|-----|-----------|-----|-----|
| Ball                  | YSMEN | r-t | D-d       | GHB | 3,1 |
| Ball                  | SEQ   | r-t | D-d       | GHB | 3,1 |
| Ball                  | NASA  | r-t | D-d       | GHB | 3,1 |
| Ball                  | AFOSR | r-t | D-d       | GHB | 3,1 |
| Ball                  | BFOSR | r-t | D-d       | GHB | 3,1 |

Archived 11/21/69 - 11/23/69

January

|                    |                  |              |                |                |
|--------------------|------------------|--------------|----------------|----------------|
| <del>Andrews</del> | <del>GMLEX</del> | <del>r</del> | <del>B-c</del> | <del>MGC</del> |
| Andrews            | TREE             | r            | B-c            | MGC            |
| Andrews            | NLSFI            | r            | B-c            | MGC            |
| Andrews            | DATAF            | r            | B-c            | MGC            |
| Andrews            | SPECI            | r            | B-c            | MGC            |
| Andrews            | INPFB            | r            | B-c            | MGC            |
| Andrews            | SDBMN            | r            | B-c            | MGC            |
| Andrews            | MAINT            | r            | B-c            | MGC            |
| Andrews            | OUTLN            | r            | B-c            | MGC            |
| Angluin            | WKSRI            | s            | B-b            | ARG            |
| Angluin            | NARP             | s 1          | B-b            | ARG            |
| Angluin            | IT               | s            | B-b            | ARG            |
| Angluin            | DM               | s            | B-b            | ARG            |
| Angluin            | DT               | s            | B-b            | ARG            |
| Angluin            | MC               | s            | B-b            | ARG            |
| Angluin            | ODDT             | s 1          | B-b            | ARG            |
| Deutsch            | CRASH            | s 4          | B-b            | ARG            |
| Deutsch            | NLS              | s 1          | B-b            | ARG            |
| Deutsch            | 3EST             | s            | B-b            | ARG            |
| Deutsch            | 2EST             | s            | B-b            | ARG            |
| Deutsch            | 2SST             | s            | B-b            | ARG            |
| Deutsch            | 4XM              | s 1          | B-b            | ARG            |
| Deutsch            | FIGOP            | s            | B-b            | ARG            |
| Deutsch            | CFSIM            | s 1          | B-b            | ARG            |
| Deutsch            | 3XM              | s 1          | B-b            | ARG            |

|           |       |     |     |     |
|-----------|-------|-----|-----|-----|
| Deutsch   | 2XM   | s 1 | B-b | ARG |
| Deutsch   | 1XM   | s 1 | B-b | ARG |
| Deutsch   | 1EST  | s   | B-b | ARG |
| Deutsch   | SYSSV | s 1 | B-b | ARG |
| Deutsch   | 2MM   | s 1 | B-b | ARG |
| Deutsch   | 1MM   | s 1 | B-b | ARG |
| Deutsch   | WKSRI | s   | B-b | ARG |
| Deutsch   | FIDEL | s   | B-b | ARG |
| Deutsch   | XFD   | r   | B-b | ARG |
| Deutsch   | EBSFD | r   | B-b | ARG |
| Watson    | NETEQ | s   | D-c | WKE |
| Executive | X4FC  | s   | B-b | ARG |
| Executive | X3FB  | s   | B-b | ARG |
| Executive | X1CR  | s   | B-b | ARG |
| Hay       | WY-SD | s   | B-c | CHI |
| Lisp      | SYDOC | s   | D-c | ARG |
| Lisp      | DOCTR | s   | D-c | ARG |
| Lisp      | SCRPT | s   | D-c | ARG |
| Lisp      | LISP  | s 1 | D-c | ARG |
| Lisp      | LLIBE | s   | D-c | ARG |
| Monitor   | SNTTY | s   | B-b | ARG |
| Monitor   | NSTTY | s   | B-b | ARG |
| Monitor   | QPR   | s   | B-b | ARG |
| Monitor   | HLIST | s   | B-b | ARG |
| Monitor   | NSYSS | s 1 | B-b | ARG |
| Monitor   | CLIST | s   | B-b | ARG |
| Monitor   | REX   | s 1 | B-b | ARG |

|          |       |     |     |     |
|----------|-------|-----|-----|-----|
| Monitor  | S2M   | s   | B-b | ARG |
| Monitor  | SBR5  | s   | B-b | ARG |
| Monitor  | SMEM  | s   | B-b | ARG |
| Monitor  | SPAC  | s   | B-b | ARG |
| Monitor  | SRUP  | s   | B-b | ARG |
| Monitor  | SIO   | s   | B-b | ARG |
| Monitor  | SW    | s   | B-b | ARG |
| Rulifson | POLYL | s   | D-c | MGC |
| Rulifson | POLYT | s   | D-c | MGC |
| Rulifson | WATCH | s   | D-c | MGC |
| Rulifson | CHECK | s   | D-c | MGC |
| Rulifson | LOADS | r   | D-c | MGC |
| Rulifson | MMM   | r   | D-c | MGC |
| Rulifson | ADDER | s   | D-c | MGC |
| Rulifson | REWRI | r   | D-c | MGC |
| Rulifson | RELAT | r   | D-c | MGC |
| Rulifson | POLAR | s   | D-c | MGC |
| Rulifson | SUPER | s   | D-c | MGC |
| NLS      | DIREC | r   | B-c | WHP |
| NLS      | STAT  | s 1 | B-c | WHP |
| NLS      | GHDFX | s 1 | B-c | WHP |
| NLS      | RRDFD | s 4 | B-c | WHP |
| NLS      | G-QLD | s 1 | B-c | WHP |
| NLS      | NLSOU | s   | B-c | WHP |
| NLS      | G-CML | s 1 | B-c | WHP |
| NLS      | CFSIM | s 1 | B-c | WHP |
| NLS      | B-NLS | s   | B-c | WHP |

|         |        |     |     |     |
|---------|--------|-----|-----|-----|
| Shapiro | N4     | r   | D-c | EGS |
| Shapiro | N1     | r   | D-c | EGS |
| Shapiro | C4     | r   | D-c | EGS |
| Shapiro | C3     | r   | D-c | EGS |
| Shapiro | C2     | r   | D-c | EGS |
| System  | DISKT  | s   | B-b | ARG |
| System  | TPSCN  | s 1 | B-b | ARG |
| System  | B-INT  | s   | B-b | ARG |
| System  | B-DTN  | s   | B-b | ARG |
| System  | G-PS1  | s 1 | B-b | ARG |
| System  | ARPAS  | s 1 | B-b | ARG |
| System  | META   | s 1 | B-b | ARG |
| System  | WDT    | s 1 | B-b | ARG |
| System  | XUDIR  | s   | B-b | ARG |
| System  | DWDT   | s   | B-b | ARG |
| System  | HTEMP  | s   | B-b | ARG |
| System  | MOL    | s 1 | B-b | ARG |
| System  | KDF    | s 1 | B-b | ARG |
| System  | UTCFO  | s   | B-b | ARG |
| System  | UDFIX  | s 1 | B-b | ARG |
| System  | SCAN   | s 1 | B-b | ARG |
| System  | TDUP   | s   | B-b | ARG |
| System  | FXCFD  | s 1 | B-b | ARG |
| System  | QSPL   | s 1 | B-b | ARG |
| System  | MAIL   | s 1 | B-b | ARG |
| System  | CCP    | s 1 | B-b | ARG |
| System  | \$2PTE | s   | B-b | ARG |

|        |        |     |     |     |
|--------|--------|-----|-----|-----|
| System | \$LPTE | s   | B-b | ARG |
| System | CLOAD  | s   | B-b | ARG |
| System | BACKG  | s 1 | B-b | ARG |
| Pass   | BEP4   | s   | B-c | FKT |
| Pass   | SEP4   | s   | B-c | FKT |
| Pass   | BD-S   | s   | B-c | FKT |
| Pass   | SD-S   | s   | B-c | FKT |
| Pass   | SDSYN  | s   | B-c | FKT |
| Pass   | SDMET  | s   | B-c | FKT |
| Pass   | REDP4  | s 4 | B-c | FKT |
| Levine | G-TOD  | s   | B-b | FKT |

February checked

|          |       |    |     |     |
|----------|-------|----|-----|-----|
| Stone    | CHING | r  | B-c | DGC |
| English  | TSKAC | r  | D-c | WKE |
| Rulifson | MUSIC | r  | D-c | MGC |
| System   | TAPE  | s  | B-b | ARG |
| System   | PTEST | s↓ | B-b | ARG |
| Levine   | TODNP | r  | D-d | FKT |
| Levine   | TODAL | s  | D-d | FKT |
| Levine   | TODUG | r  | B-b | FKT |
| Levine   | TODOP | s  | D-d | FKT |
| Levine   | NTODA | r  | D-d | FKT |

March checked

|          |       |   |     |     |
|----------|-------|---|-----|-----|
| Hay      | BCAMC | s | B-c | CHI |
| Meta     | OPCOD | s | B-c | MGC |
| Rulifson | BCIS  | r | D-c | MGC |
| Rulifson | DEL   | r | D-c | MGC |
| Shapiro  | N9    | r | D-c | EGS |
| Shapiro  | N10   | r | D-c | EGS |
| SDS      | RFRNC | r | C-c | DGC |
| SDS      | QROME | r | D-c | DGC |
| Tomlin   | SPCIS | r | D-d | FKT |
| Tomlin   | NICNO | r | D-d | FKT |

April checked

|          |       |   |     |     |
|----------|-------|---|-----|-----|
| Casseres | CONAN | r | B-b | DGC |
| Duvall   | NOTES | r | D-d | WSD |
| Duvall   | ATODA | r | D-d | WSD |
| Duvall   | BTODA | r | D-d | WSD |
| Duvall   | CTODA | r | D-d | WSD |
| Duvall   | DTODA | r | D-d | WSD |
| Duvall   | ETODA | r | D-d | WSD |
| Watson   | CHSET | r | D-c | WKE |
| Hardy    | B-D96 | s | B-b | MEH |
| Rulifson | CDP   | r | D-c | MGC |
| Rulifson | LEVEL | r | D-c | MGC |
| Shapiro  | N11   | r | D-c | EGS |
| Shapiro  | N8    | r | D-c | EGS |
| Tomlin   | WORK  | r | D-d | FKT |
| Levine   | GODSG | r | D-d | FKT |
| Levine   | GODNP | r | D-d | FKT |

May checked

|           |       |   |     |     |
|-----------|-------|---|-----|-----|
| Deutsch   | SAVE  | r | B-b | ARG |
| Duvall    | XTODA | r | D-d | WSD |
| Duvall    | GTODA | r | D-d | WSD |
| Duvall    | QTODA | r | D-d | WSD |
| Duvall    | JTODA | r | D-d | WSD |
| Duvall    | FTODA | r | D-d | WSD |
| Duvall    | NET   | r | D-d | WSD |
| Geoffrion | FORK  | s | B-c | ARG |
| Geoffrion | FLIP2 | s | B-c | ARG |
| Hardy     | TTY   | s | B-b | MEH |
| Irby      | AHIGO | r | D-d | CHI |
| Irby      | DOCFU | r | D-d | CHI |
| Pilot     | DIODE | s | B-b | ARG |
| Pilot     | DEMO  | s | B-b | ARG |
| Pilot     | QUEST | s | D-c | ARG |
| Pilot     | EBIN  | s | D-c | ARG |
| Pilot     | LATE  | s | D-c | ARG |
| Pilot     | INSTN | s | D-c | ARG |
| Pilot     | TRANS | s | D-c | ARG |
| Pilot     | WAVES | s | D-c | ARG |
| Pilot     | FASOR | s | D-c | ARG |
| Pilot     | SEMIC | s | D-c | ARG |
| Pilot     | LAST  | s | D-c | ARG |
| Pilot     | BKUPE | s | D-c | ARG |
| Pilot     | BKUPC | s | D-c | ARG |
| Pilot     | CBIN  | s | D-c | ARG |

|                   |                 |     |     |     |
|-------------------|-----------------|-----|-----|-----|
| Pilot             | PILOT           | s   | D-c | ARG |
| Pilot             | SIGNL           | s   | D-c | ARG |
| Pilot             | CMPLX           | s   | B-b | ARG |
| Pilot             | RES             | s   | B-b | ARG |
| Rulifson          | ULI             | r   | D-c | MGC |
| Rulifson          | ULC             | r   | D-c | MGC |
| Rulifson          | SUBST           | r   | D-c | MGC |
| <del>System</del> | <del>TAPE</del> |     |     |     |
| System            | NUDIR           | s   | B-b | ARG |
| <del>System</del> | <del>Q37</del>  |     |     |     |
| System            | Q37             | s 1 | B-b | ARG |
| System            | OU DIR          | s   | B-b | ARG |
| System            | KLP4P           | s 1 | B-b | ARG |
| System            | KLPNT           | s 1 | B-b | ARG |
| Tomlin            | CONTS           | r   | D-d | FKT |
| Levine            | GODOL           | r   | D-d | FKT |

June checked

|           |       |            |     |     |
|-----------|-------|------------|-----|-----|
| Casseres  | NLKV  | r          | B-b | DGC |
| Casseres  | NLINT | r          | B-b | DGC |
| Casseres  | INFOR | r          | B-b | DGC |
| Casseres  | NLDEF | r          | B-b | DGC |
| Duvall    | NILNT | r          | D-d | WSD |
| Durham    | TODAS | r          | D-d | WSD |
| Durham    | BACKU | r          | D-d | WSD |
| Durham    | NTODA | r          | D-d | WSD |
| Durham    | IBACK | r          | D-d | WSD |
| Geoffrion | FASOR | s          | D-c | ARG |
| Geoffrion | CMPLX | s          | D-c | ARG |
| Geoffrion | SIGNL | s          | D-c | ARG |
| Geoffrion | WAVES | s          | D-c | ARG |
| Geoffrion | PDISC | s          | D-c | ARG |
| Geoffrion | PLAST | s          | D-c | ARG |
| Geoffrion | PLCMP | s          | D-c | ARG |
| Geoffrion | PLEXU | s          | D-c | ARG |
| Geoffrion | TEST  | r          | B-c | ARG |
| Irby      | DOCLO | r          | D-d | CHI |
| Meta      | SAL   | r          | B-c | MGC |
| Pilot     | Files | s          | B-b | ARG |
| Rulifson  | XCALX | s          | D-c | MGC |
| Rulifson  | STRAX | s          | D-c | MGC |
| Rulifson  | GLOG  | s <u>1</u> | D-c | MGC |
| Tomlin    | TSTAT | r          | D-d | FKT |
| Tomlin    | CHCIS | r          | D-d | FKT |

|        |       |   |     |     |
|--------|-------|---|-----|-----|
| Tomlin | SRIDR | r | D-d | FKT |
| Passh  | BARAY | s | B-c | FKT |
| Passh  | SARAY | s | B-c | FKT |
| Levine | VICIS | r | D-d | FKT |
| Levine | GODDE | r | B-d | FKT |
| SDS    | ASTRO |   |     |     |
| SDS    | SYMPH |   |     |     |

July checked

|           |       |     |     |     |
|-----------|-------|-----|-----|-----|
| Meta      | R19   | s   | B-c | MGC |
| Angluin   | ONDDT | s 1 | B-b | ARG |
| Angluin   | DUDDT | s 4 | B-b | ARG |
| Angluin   | SBREK | s   | B-b | ARG |
| Angluin   | SLOAD | s   | B-b | ARG |
| Angluin   | SNEW  | s   | B-b | ARG |
| Angluin   | STEMP | s   | B-b | ARG |
| Angluin   | CPDDT | s   | B-b | ARG |
| Angluin   | SMAIN | s   | B-b | ARG |
| Casseres  | NLVCH | r   | B-b | DGC |
| Casseres  | NLETC | r   | B-b | DGC |
| Casseres  | CALUG | r   | B-b | DGC |
| Casseres  | NLVP  | r   | B-b | DGC |
| Casseres  | KDFUG | r   | B-b | DGC |
| Paavola   | UFPFL | r   | B-d | DGC |
| Duvall    | HTODA | r   | D-d | WSD |
| Todas     | NLS   | s 1 | B-a | WSD |
| Todas     | 1NLS  | s 1 | B-a | WSD |
| Todas     | 2NLS  | s 1 | B-a | WSD |
| Todas     | 3NLS  | s 1 | B-a | WSD |
| Todas     | 4NLS  | s 1 | B-a | WSD |
| Todas     | NMOL  | s 1 | B-a | WSD |
| Todas     | NMETA | s 1 | B-a | WSD |
| Executive | 3EST  | s   | B-b | ARG |
| Executive | TBMM  | s 1 | B-b | ARG |
| Executive | SYSSV | s 1 | B-b | ARG |

|           |       |     |     |     |
|-----------|-------|-----|-----|-----|
| Executive | 2MM   | s 1 | B-b | ARG |
| Executive | 1MM   | s 1 | B-b | ARG |
| Executive | X7IT  | s   | B-b | ARG |
| Executive | 4EST  | s   | B-b | ARG |
| Executive | 2EST  | s   | B-b | ARG |
| Executive | 1EST  | s   | B-b | ARG |
| Executive | 4XM   | s 1 | B-b | ARG |
| Executive | 3XM   | s 1 | B-b | ARG |
| Executive | 2XM   | s 1 | B-b | ARG |
| Executive | 1XM   | s 1 | B-b | ARG |
| Geoffrion | TAPE  | r   | D-c | ARG |
| Geoffrion | DVERT | s   | D-c | ARG |
| Huggins   | NB5XB | s   | B-b | ARG |
| Huggins   | NB7IT | s   | B-b | ARG |
| Irby      | TRNSF | r   | D-d | CHI |
| NLS       | FILUT | s   | B-c | CHI |
| NLS       | SYMBO | s   | B-c | WHP |
| NLS       | RPASL | s   | B-c | WHP |
| NLS       | LODCO | s   | B-b | CHI |
| NLS       | LODNL | s   | B-d | CHI |
| NLS       | NLSFI | s   | B-b | CHI |
| Erickson  | MISCM | r   | B-b | CHI |
| Hay       | MN-AR | s   | B-c | CHI |
| Hay       | Y-INP | s 1 | B-c | CHI |
| Hay       | Y-TOD | s 1 | B-c | CHI |
| Hay       | TR-AR | s 4 | B-c | CHI |
| Hay       | T-ARP | s 4 | B-c | CHI |

|        |       |     |     |     |
|--------|-------|-----|-----|-----|
| MOL    | SPL   | r   | B-b | CHI |
| Paxton | Y-OUT | s 1 | B-b | WHP |
| System | GPAS1 | s 1 | B-b | ARG |
| System | XMETA | s 1 | B-b | ARG |
| Tomlin | CISFD | r   | B-d | FKT |
| Pass4  | BNFMT | s   | B-c | FKT |
| Pass4  | PASS4 | s 1 | B-c | FKT |
| Pass4  | BPH   | s   | B-c | FKT |
| Pass4  | SP4   | s   | B-c | FKT |
| Pass4  | BDATA | s   | B-c | FKT |
| Pass4  | SDATA | s   | B-c | FKT |
| Pass4  | R-P4  | s 4 | B-c | FKT |
| Pass4  | BNLPH | s   | B-c | FKT |
| Pass4  | RNLPH | s   | B-c | FKT |
| Pass4  | SFMT  | s   | B-c | FKT |
| Pass4  | PHPIC | s   | B-c | FKT |
| Pass4  | SNFMT | s   | B-c | FKT |
| Pass4  | SNLPH | s   | B-c | FKT |
| Pass4  | SNPGN | s   | B-c | FKT |
| Pass4  | BIOP4 | s   | B-c | FKT |
| Pass4  | BFMT  | s   | B-c | FKT |
| Pass4  | SIOP4 | s   | B-c | FKT |
| Pass4  | WY-SD | s   | B-c | FKT |
| Levine | GOCIS | r   | D-d | FKT |
| Levine | BOCIS | r   | D-d | FKT |
| Levine | V2CIS | r   | D-d | FKT |
| Levine | GODO2 | r   | D-d | FKT |

|        |       |   |     |     |
|--------|-------|---|-----|-----|
| Levine | GODOG | r | D-d | FKT |
| Levine | OPSP  | r | B-c | FKT |
| Levine | GODCH | s | D-c | FKT |

August checked

|           |       |     |               |     |
|-----------|-------|-----|---------------|-----|
| Andrews   | XMETA | s 1 | B-c           | MGC |
| Andrews   | AHIDS | r   | B-c           | MGC |
| Meta      | R7/24 | s 4 | B-c           | MGC |
| Meta      | Q7/24 | s 3 | B-c           | MGC |
| Meta      | T7/24 | s 4 | B-c           | MGC |
| Meta      | Q20   | s   | B-c           | MGC |
| Meta      | Q7/22 | s   | B-c           | MGC |
| Meta      | T7/22 | s   | B-c           | MGC |
| Meta      | INITL | s   | B-c           | MGC |
| Angluin   | DDT   | s 1 | B-b           | ARG |
| Ball      | ITHY  | r   | D-d           | GHB |
| Xdoc      | MOX   | r   | D-c           | MGC |
| Paavola   | A2SAR | r   | B-d           | DGC |
| Duvall    | LIST  | r   | D-d           | WSD |
| Parsley   | UTILT | r   | ?owned by WSD |     |
| Todas     | XPASH | s 1 | B-a           | WSD |
| Todas     | X2NLS | s 1 | B-a           | WSD |
| Todas     | X3NLS | s 1 | B-a           | WSD |
| Todas     | XPROC | s 1 | B-a           | WSD |
| Executive | CRA1  | s   | B-b           | ARG |
| Geoffrion | NFD   | s   | B-b           | ARG |
| NLS       | NWBUG | r   | B-c           | WHP |
| NLS       | TODCT | s   | B-c           | WHP |
| NLS       | NWLOD | s   | B-b           | CHI |
| NLS       | RECOR | s   | B-b           | CHI |
| NLS       | BINAR | s   | B-b           | CHI |

|        |       |     |     |     |
|--------|-------|-----|-----|-----|
| Hay    | POPS  | s 1 | B-c | CHI |
| Hay    | B2VCT | s   | B-c | CHI |
| Hay    | BSEQG | s   | B-c | CHI |
| Hay    | BIOCT | s   | B-c | CHI |
| Hay    | BCALC | s   | B-c | CHI |
| Hay    | BCACM | s   | B-c | CHI |
| Hay    | BDIDD | s   | B-c | CHI |
| Hay    | BKEYW | s   | B-c | CHI |
| Hay    | BVCTE | s   | B-c | CHI |
| Hay    | BSTRM | s   | B-c | CHI |
| Hay    | BTODM | s   | B-c | CHI |
| Hay    | BMNCT | s   | B-c | CHI |
| Hay    | BAUXC | s   | B-c | CHI |
| Hay    | R-ARP | s 4 | B-c | CHI |
| Hay    | BTXTE | s   | B-c | CHI |
| Hay    | BUTIL | s   | B-c | CHI |
| Hay    | BDATA | s   | B-c | CHI |
| Hay    | BCLNU | s   | B-c | CHI |
| Hay    | BLNKS | s   | B-c | CHI |
| Hay    | BPRMS | s   | B-c | CHI |
| Hay    | BOUTO | s   | B-c | CHI |
| Hay    | BCDSP | s   | B-c | CHI |
| Hay    | BDISB | s   | B-c | CHI |
| Hay    | BRECI | s   | B-c | CHI |
| Hay    | BSDBM | s   | B-c | CHI |
| Hay    | BINPF | s   | B-c | CHI |
| Paxton | Y-TSQ | s 1 | B-b | WHP |

|           |        |     |     |     |
|-----------|--------|-----|-----|-----|
| Paxton    | Y-TOD  | s 1 | B-b | WHP |
| Paxton    | Y-PS4  | s   | B-b | WHP |
| Paxton    | Y-TXT  | s 1 | B-b | WHP |
| Paxton    | Y-STR  | s 1 | B-b | WHP |
| Paxton    | Y-INP  | s 1 | B-b | WHP |
| Paxton    | Y-EXT  | s   | B-b | WHP |
| Paxton    | Y-BAS  | s 4 | B-b | WHP |
| System    | \$NOBO | s 1 | B-b | ARG |
| System    | SNOBO  | s 1 | B-b | ARG |
| System    | CR1B   | s 1 | B-b | ARG |
| Tomlin    | PS4FD  | r   | B-c | FKT |
| Tomlin    | FD     | r   | B-c | FKT |
| Tomlin    | GODFD  | r   | B-b | FKT |
| Levine    | GODG3  | s 1 | B-b | FKT |
| Levine    | GODO3  | r   | B-b | FKT |
| Levine    | GODUG  | r   | B-c | FKT |
| Levine    | GODPL  | r   | B-c | FKT |
| Levine    | GODGL  | r   | B-d | FKT |
| Yarboroug | QMUXQ  | s   | B-c | JMY |

September checked

|           |       |     |     |     |
|-----------|-------|-----|-----|-----|
| Andrews   | IOCTL | r   | B-c | MGC |
| Andrews   | UTILT | r   | B-c | MGC |
| Meta      | BIO   | s   | B-b | MGC |
| Meta      | SLIBE | r   | B-b | MGC |
| Meta      | T10/9 | s   | B-b | MGC |
| Meta      | LIBE  | r   | B-b | MGC |
| Meta      | BLIBE | s   | B-b | MGC |
| Meta      | TREE  | r   | B-b | MGC |
| Meta      | 20    | s   | B-b | MGC |
| Meta      | T8/28 | s   | B-b | MGC |
| Bass      | PORTL | r   | B-c | MGC |
| Bass      | BRIEF | r   | B-c | MGC |
| Bass      | PORTA | r   | B-c | MGC |
| Caldwell  | UCSB  | r   | D-c | MGC |
| Xdoc      | TOFFL | r   | D-c | MGC |
| Caldwell  | MGCJO | r   | B-b | MGC |
| Casseres  | BLURB | r   | B-d | DGC |
| Casseres  | UFNPC | r   | B-c | DGC |
| Casseres  | UFNPB | r   | B-c | DGC |
| Stone     | BIBL  | r   | B-c | DGC |
| Church    | PRES  | r   | B-c | MSC |
| Executive | GNARP | s 1 | B-b | ARG |
| Geoffrion | FILDR | r 1 | D-c | ARG |
| Geoffrion | NFXCD | s   | B-b | ARG |
| Geoffrion | SFXCD | s   | B-c | ARG |
| Geoffrion | FLIP3 | r   | B-c | ARG |

on tape as "HERE IS FLIP3"

Geoffrion FLIP r B-c ARG

on tape as "THIS IS FLIP"

Geoffrion GRAPH r B-c ARG

Hardy PAT s B-b MEH

Huggins XNARP s<sup>4</sup> B-c ARG

Huggins 3EST s B-c ARG

Huggins B6CM s B-c ARG

Huggins TTMM s<sub>1</sub> B-c ARG

Huggins BNTTY s B-c ARG

Huggins BPAC s B-c ARG

Huggins 2SST s B-c ARG

Huggins 4XM s<sub>1</sub> B-c ARG

Huggins 4EST s B-c ARG

Huggins 3XM s<sub>1</sub> B-c ARG

Huggins 2XM s<sub>1</sub> B-c ARG

Huggins 2EST s B-c ARG

Huggins 1XM s<sub>1</sub> B-c ARG

Huggins 1EST s B-c ARG

Huggins B2CM s B-c ARG

Huggins B5XB s B-c ARG

Huggins SYSSV s<sub>1</sub> B-c ARG

Huggins 2MM s B-c ARG

Huggins 1SST s B-c ARG

Huggins B4FC s B-c ARG

Huggins B7IT s B-c ARG

Huggins B3FB s B-c ARG

|           |       |     |     |     |
|-----------|-------|-----|-----|-----|
| Huggins   | ENARP | s 1 | B-c | ARG |
| Huggins   | B2M   | s   | B-c | ARG |
| Huggins   | B1M   | s   | B-c | ARG |
| Huggins   | BERS  | s   | B-c | ARG |
| Huggins   | BMEM  | s   | B-c | ARG |
| Huggins   | BDRM  | s   | B-c | ARG |
| Huggins   | BTTY  | s   | B-c | ARG |
| Huggins   | BTS   | s   | B-c | ARG |
| Huggins   | BGSRI | s   | B-c | ARG |
| Huggins   | BRUP  | s   | B-c | ARG |
| Huggins   | BIO   | s   | B-c | ARG |
| Huggins   | BW    | s   | B-c | ARG |
| Huggins   | BSYMS | s   | B-c | ARG |
| Irby      | CODEC | s   | D-d | CHI |
| Irby      | CNVR  | s   | D-d | CHI |
| NLS       | FHAND | s   | B-c | CHI |
| NLS       | NOTES | r   | B-d | CHI |
| Erickson  | MNCTR | r   | B-b | CHI |
| MOL       | PASS1 | r   | B-b | CHI |
| Rulifson  | SYSGD | r   | D-c | MGC |
| Paxton    | SIMUL | r   | B-b | WHP |
| Paxton    | Y-CLN | s 4 | B-b | WHP |
| Paxton    | Y-VCT | s 4 | B-b | WHP |
| Paxton    | Y-CRE | s 4 | B-b | WHP |
| Yarboroug | FRID  | s   | B-c | JMY |
| Yarboroug | DOOM  | s   | B-c | JMY |
| Yarboroug | QCDEF | s   | B-c | JMY |

October - November checked

|           |       |     |       |     |
|-----------|-------|-----|-------|-----|
| Meta      | R20   | s   | B-b   | MGC |
| Ball      | CEIR  | r   | B-a   | GHB |
| Caldwell  | HRSTC | r   | B-b   | MGC |
| Caldwell  | XHAND | r   | B-b   | MGC |
| Caldwell  | ARKIV | r   | B-b   | MGC |
| Caldwell  | FTS   | r   | B-b   | MGC |
| Caldwell  | FD    | r   | B-b   | MGC |
| Caldwell  | TAPIN | r   | B-b   | MGC |
| Caldwell  | SUPPO | r   | D-c   | MGC |
| Caldwell  | RAPRO | r   | D-c   | MGC |
| Casseres  | TODCC | r   | B-b   | DGC |
| Paavola   | NPMEM | r   | B-b   | DGC |
| Todas     | QSPL  | s / | B-a / | WSD |
| Todas     | QMOOL | s / | B-a   | WSD |
| Todas     | XNLS  | s / | B-a   | WSD |
| Todas     | X1NLS | s / | B-a   | WSD |
| Todas     | NPASS | s / | B-a   | WSD |
| Todas     | Q4NLS | s / | B-a   | WSD |
| Todas     | Q3NLS | s / | B-a   | WSD |
| Todas     | Q2NLS | s / | B-a   | WSD |
| Todas     | Q1NLS | s / | B-a   | WSD |
| Todas     | PROCS | s / | B-a   | WSD |
| Todas     | QNLS  | s / | B-a   | WSD |
| Executive | XTS   | s   | B-b   | ARG |
| Executive | ENARP | s 4 | B-b   | ARG |
| Executive | X5XB  | s   | B-b   | ARG |
| Executive | X6CM  | s   | B-b   | ARG |

also:

|          |       |
|----------|-------|
| Ball     | PWG   |
|          | NEW   |
|          | CMLEY |
|          | FRAME |
|          | ITHY  |
| Trundy   | ENOTE |
| Caldwell | SCAT  |
|          | INVEN |
| MSR      | UMMET |
|          | UPLAN |

|          |       |     |     |     |
|----------|-------|-----|-----|-----|
| Irby     | CRASH | r   | D-d | CHI |
| Erickson | CALC  | r   | B-b | CHI |
| Erickson | DISBU | r   | B-b | CHI |
| Erickson | KEYWD | r   | B-b | CHI |
| Erickson | IOCTL | r   | B-b | CHI |
| Erickson | INPFB | r   | B-b | CHI |
| Erickson | CLNUP | r   | B-b | CHI |
| Erickson | DATA  | r   | B-b | CHI |
| Erickson | LNKSU | r   | B-b | CHI |
| Erickson | CACMP | r   | B-b | CHI |
| Erickson | AUXCO | r   | B-b | CHI |
| Erickson | DIDDL | r   | B-b | CHI |
| Erickson | CDSPL | r   | B-b | CHI |
| Hay      | 4NLS  | s 1 | B-c | CHI |
| Hay      | 3NLS  | s 1 | B-c | CHI |
| Hay      | 2NLS  | s 1 | B-c | CHI |
| Hay      | 1NLS  | s 1 | B-c | CHI |
| Hay      | NLS   | s 1 | B-c | CHI |
| MOL      | OUTOV | r   | B-b | CHI |
| MOL      | TODA2 | r   | B-b | CHI |
| MOL      | STRMN | r   | B-b | CHI |
| MOL      | NOUTO | r   | B-b | CHI |
| MOL      | TODAL | r   | B-b | CHI |
| MOL      | SEQGE | r   | B-b | CHI |
| MOL      | VCTED | r   | B-b | CHI |
| MOL      | PRMSP | r   | B-b | CHI |
| Norton   | JPLAN | r   | B-a | JCN |

|        |       |   |     |     |
|--------|-------|---|-----|-----|
| Norton | *BUDO | s | B-b | JCN |
| Norton | *BUDI | s | B-b | JCN |
| Norton | REGRU | r | B-b | JCN |
| Paxton | NMOLR | r | B-b | WHP |
| Pilot  | DEAN  | s | B-b | ARG |
| System | UDIR  | s | B-b | ARG |
| System | CCPLD | s | B-b | ARG |
| XDOC   | X27UP | r | B-b | MGC |
| XDOC   | X28UP | r | B-b | MGC |
| XDOC   | X29UP | r | B-b | MGC |
| XDOC   | X30UP | r | B-b | MGC |
| XDOC   | X31UP | r | B-b | MGC |
| XDOC   | X32UP | r | B-b | MGC |
| XDOC   | X34UP | r | B-b | MGC |