

... HERE
MAP DMPPUS TEMPDIR:PPU
*FIN
COMMAND PROCESSOR HERE
INNEWSYS SP
UNEXPECTED FREIURN
!SERV
SERVICES HERE
*CHAIN TEMPDIR CODE
*FIN
COMMAND PROCESSOR HERE
INNEWSYS SP
NEWSYS LIVES ! (MOUNT OUTPUT TAPE)
DISK SYSTEM DEADSTART TAPE SUCCESSFULLY MADE
COMMAND PROCESSOR HERE
INNEWSYS SYSTAPE
NEWSYS LIVES ! (MOUNT OUTPUT TAPE)
DISK SYSTEM DEADSTART TAPE SUCCESSFULLY MADE
COMMAND PROCESSOR HERE
!PRITER↑
PRINTER OUTPUT
TSS DISK SYSTEM PRINTER DRIVER VER 4.1
ENTER TITLE LINE
PRE AND DUMP FOR KEITH↑
PRE AND DMP FOR KEITH.....OCT-20.....
SCOPE FORMAT CONVENTIONS ?
Y
EVCH CLEARED
PRINTING ...
COMMAND PROCESSOR HERE
!LOGOFF
11:16:03 10/20/71
CONNECT TIME = 907.773.
CPU TIME = 128020223.
FIXED ECS = 3199399325.
NOT SLOTS = 0.
SWAPPED ECS = 6140137472.
TEMP DISK = 0.
MONEY = \$5.341
GOOD DAY

4.62

.27

.49

5.38

A

WE NOT ARRANGED FUNDING THROUGH THE COMPUTER CENTER WILL BE UNABLE TO USE THE SYSTEM BEGINING 25 OCT 71. FOR DETAILS INSPECT ↑SYSTEMS PUBLIC↑ WITH THE EDITOR

22:56:23 10/20/71
PERMANENT DIRECTORY?

↑
LOGOUT
CAL TSS VESIONPANIC
CAL TSS VERSION 2.2

ALL PERSONS USING TSS WHO HAVE NOT ARRANGED FUNDING THROUGH THE COMPUTER CENTER WILL BE UNABLE TO USE THE SYSTEM BEGINING 25 OCT 71. FOR DETAILS INSPECT ↑SYSTEMS PUBLIC↑ WITH THE EDITOR

22:56:59 10/20/71
PERMANENT DIRECTORY?

↑
LOGOU←BAD PERMDIR
PERMANENT DIRECTORY?

.USER:VV
GIVE PASSWORD

.QRBL
TEMPORARY DIRECTORY?

.VV
COMMAND PROCESSOR HERE
!LOGOUT

23:46:56 10/20/71
CONNECT TIME = 2669856.

CPU TIME = 2924412. =

FIXED ECS = 9411245925. =

NOT SLOTS = 0.
SWAPPED ECS = 10487304736. =

TEMP DISK = 0.

MONEY = \$1.626

GOOD DAY

130 00

1055	.11
	.76
	<u>.84</u>
	1.71

13:19:02 09/13/71
CONNECT TIME = 492399.
CPU TIME = 71397151.
FIXED ECS = 1994708349.
MOT SLOTS = 0.
SWAPPED ECS = 4738668800.
TEMP DISK = 0.
MONEY = \$4.713
!CHARGES^{1 43 28}

13:20:07 09/13/71
CONNECT TIME = 555817.
CPU TIME = 71549270.
FIXED ECS = 2251618718.
MOT SLOTS = 0.
SWAPPED ECS = 4965962496.
TEMP DISK = 0.
MONEY = \$4.773
!SCOPE 44000
13:20:31 09/13/71 SCOP32D OF 08/27/71
>FIN

Null SCOPE 53¢

COMMAND PROCESSOR HERE
!FIN
UNEXPECTED FRETURN
!CHARGES

13:20:57 09/13/71
CONNECT TIME = 604515.
CPU TIME = 79401392.
FIXED ECS = 2448894316.
MOT SLOTS = 0.
SWAPPED ECS = 5140496128.
TEMP DISK = 0.
MONEY = \$5.249
!BASIC^{4 71 53}

Null BASIC 30¢

COMMAND PROCESSOR HERE
!CHARGES

13:21:25 09/13/71
CONNECT TIME = 631650.
CPU TIME = 84388418.
FIXED ECS = 2558814150.
MOT SLOTS = 0.
SWAPPED ECS = 5237747968.
TEMP DISK = 0.
MONEY = \$5.548

figures used in "TSS Staff Proposals"

ISERV
SERVICES HERE
*DLIST TDLIST

JERRY OWNERSHIP DIRECTORY
CHEN OWNERSHIP DIRECTORY
VANCE OWNERSHIP DIRECTORY
MARIE OWNERSHIP DIRECTORY

DLIST (Barbara) 7¢
EDIT & find of 27¢
Null Edit 22¢ (file in TEMPOR)
Trivia \$1.69
Read (5 pages) 2.28
Null SCOPE 53¢
Null Basic 30¢

*FIN
COMMAND PROCESSOR HERE
!LOGOUT

13:23:12 09/13/71
CONNECT TIME = 736221.
CPU TIME = 88638724.
FIXED ECS = 2982431271.
MOT SLOTS = 0.
SWAPPED ECS = 5612526848.
TEMP DISK = 0.
MONEY = \$5.869
GOOD DAY

. LENGTH OF LOCAL C-LIST
X4+1 . LENGHT IN WORDS
SB5 X4 . LENGTH IN WORDS
BX0 -X6*X3
:I MX1 59
:M;P SAO B1+P.LOCALC-1
:I IXO X0-X1 . SKIP LENGTH WORD
:B I;E SAO B1+P.LOCALC-←

:F
COMMAND PROCESSOR HERE
!SERV
SERVICES HERE
*MCAP PROCSYM T:PROCSYM
*MCAP ECSACT T:ECSACT
*MCAP ERRNUMS T:ERRNUMS
*CHAIN T TSS:XTEXT
*FIN

COMMAND PROCESSOR HERE
!SCOPE 44000↑
LOGOUT
18:00:13 08/25/71
CONNECT TIME= 42656777 ~ 4658 seconds
CPU TIME = 701430266
FIXED ECS = 422237211101
MOT SLOTS = 0
SWAPPED ECS = 0
TEMP DISK = 0
MONEY = 25300
GOOD DAY

CAL TSS VERSION 2.0

PERMANENT

VSS

GIVE PASS WORD

■

TEMPORARY DIRECTORY?

.VANCE

COMMAND PROCESSOR HERE

!SERV

SERVICES HERE

*MCAP TEMPDIR TEMPDIR:T

*MCAP P T:P

2.68 hours = 2hrs 41mins

Much edit, no scope

\$10.32

ST

WAIT, ↑
 FIN
 COMMAND PROCESSOR HERE
 !LOGOUT
 TSS WILL BIT DUST IN 1 MIN. FOR 10 MIN. GENE
 14:09:09 08/31/71
 CONNECT TIME= 6142254 ~ 27 minutes
 CPU TIME = 756146452
 FIXED ECS = 60645276041
 MOT SLOTS = 0
 SWAPPED ECS = 0
 TEMP DISK = 0
 MONEY = 17453 ~ \$7.98
 GOOD DAY

Eliza

CAL TSS VERSION 2.0
PERMANENT DIRECTORY?
.GUEST
GIVE PASS WORD

.
TEMPORARY DIRECTORY?
.VANCE

COMMAND PROCESSOR HERE
!SCOPE

14:25:03 08/26/71 SCOP32C OF 08/01/71
>FIN

COMMAND PROCESSOR HERE
!LOGOUT

14:25:26 08/26/71
CONNECT TIME= 107462
CPU TIME = 44157740
FIXED ECS = 1063532217
NOT SLOTS = 0
SWAPPED ECS = 0
TEMP DISK = 0
MONEY = 1040
GOOD DAY

- 514

Null scope

CAL ISS VERSION 2.0
PERMANENT DIRECTORY?

.USER:VV

GIVE PASS WORD

.QRBL

TEMPORARY DIRECTORY?

.VANCE

COMMAND PROCESSOR HERE

ISCOPE 40000

14:46:49 08/26/71 SCOP32C OF 08/01/71

>RUN

COMPILING TRIV

>FIN

COMMAND PROCESSOR HERE

!LOGOUT

14:47:16 08/26/71

CONNECT TIME= 104245

CPU TIME = 73026615

FIXED ECS = 1031717033

MOT SLOTS = 0

SWAPPED ECS = 0

TEMP DISK = 0

MONEY = 1553

GOOD DAY

88¢

13

109

875

compile (only)
Trivial Fortran

CAL TSS VERSION 2.0
PERMANENT DIRECTORY?
.USER:VV
GIVE PASS WORD
.QRBL
TEMPORARY DIRECTORY?
.VANCE
COMMAND PROCESSOR HERE
!SCOPE 40000
14:41:20 08/26/71 SCOP32C OF 08/01/71
>RUN
 COMPILING TRIV
>LGO
BEGIN EXECUTION TRIV
TRIVIA SPEAKING, WHO'S THERE?
↑ME
GOODBYE,ME
END TRIV
>FIN
COMMAND PROCESSOR HERE
!LOGOUT
14:42:19 08/26/71
CONNECT TIME= 200606
CPU TIME = 140512155
FIXED ECS = 1765576372
MOT SLOTS = 0
SWAPPED ECS = 0
TEMP DISK = 0
MONEY = 2636
GOOD DAY

\$1.44

26,36

22

179

1438

compile of trivial
Fortran

CAL TSS VERSION 2.0

.TSS: W

IV

US

TEMPORARY DIRECTORY?

.VANCE

COMMAND PROCESSOR HERE

!SERV

SERVICES HERE

*MCAP TSS:ECS.S:SUBPROC TEMPDIR:SUBPROC

*CHAIN TEMPDIR TSS:XTEXT

*FIN

COMMAND PROCESSOR HERE

!SCOPE 40000

14:49:12 08/26/71 SCOP32C OF 08/01/71

>NOMPASS,I=SUBPROC,S=0

ASSEMBLING SUBPROC

ASSEMBLING SUBPROC

ASSEMBLY COMPLETE.

>FIN

COMMAND PROCESSOR HERE

!LOGOUT

14:51:38 08/26/71

CONNECT TIME= 530321

CPU TIME = 537707514

FIXED ECS = 5227435256

MOT SLOTS = 0

SWAPPED ECS = 0

TEMP DISK = 0

MONEY = 12130

GOOD DAY

\$5.21

10

81

651

5208

big scope

CAL TSS VERSION 2.0
PERMANENT DIRECTORY?
.GUEST
GIVE PASS WORD

.
TEMPORARY DIRECTORY?
.VANCE
COMMAND PROCESSOR HERE
!LOGOUT

14:23:29 08/26/71
CONNECT TIME= 12160
CPU TIME = 6177616
FIXED ECS = 120347620
MOT SLOTS = 0
SWAPPED ECS = 0
TEMP DISK = 0
MONEY = 135
GOOD DAY

~94

Logout only

CAL \SS VERSION 2.0
15:43:2> 09/13/71
PRESENT DIRECTORY?
TEMPORARY DIRECTORY?
>VANCE2
COMMAND PROCESSOR HERE
!XSERV
SERVICES HERE
:CHARGES
16:39:04 09/13/71
CONNECT TIME = 3236193.
CPU TIME = 2189103.
FIXED ECS = 13109821894.
MOT SLOTS = 0.
SWAPPED ECS = 11683345408.
EMP DISK = 0.
MONEY =\$2.764
*CHARGES
17:44:27 09/13/71
CONNECT TIME = 7067773.
CPU TIME = 2351263..
FIXED ECS = 286315524?4.
MOT SLOTS = 0.
SWAPPED ECS = 25415728128.
EMP DISK = 0.
MONEY =\$5.891
FIN
COMMAND PROCESSOR HERE
!LOGOUT
17:44:50 09/13/71
CONNECT TIME = 7089979.
CPU TIME 3367537.
FIXED ECS = 28721508980.
MOT SLOTS = 0.
SWAPPED ECS = 25495318016.
TEMP DISK = 0.
MONEY =\$5.966
GOOD @AY

7 Keyword hours

~ 2 hrs connect time
13 Sept '71

CONNECT TIME = 3571.05.
CPU TIME = 78652688.
FIXED ECS = 14467761655.
MOT SLOTS = 0.
SWAPPED ECS = 12858377728.
TEMP DISK = 0.
MONEY = \$7.281

!

16:45:42 09/13/71
CONNECT TIME = 3587879.
CPU TIME = 78300770.
FIXED ECS = 14534497829.
MOT SLOTS = 0.
SWAPPED ECS = 12917413376.
TEMP DISK = 0.
MONEY = \$7.303

!

16:45:59 09/13/71
CONNECT TIME = 3603957.
CPU TIME = 78946788.
FIXED ECS = 14599629807.
MOT SLOTS = 0.
SWAPPED ECS = 12975036928.
TEMP DISK = 0.
MONEY = \$7.324

!

~ 1 hour of editing

13 Sept '71

21:55:22@09713771

CONNECT TIME = 1229869.

CPU TIME = 88564361.

FIXED ECS = 4982203370.

MOT SLOTS = 0.

SWAPPED ECS = 10205876768.

EMP DISK = 0.

MONEY = \$6.597

GOOD DAY

20 minutes of REACT +
ELIZA by Maurice.
13 Sept '71

GOOD DAY
CAL TSS VERSION 2.0
14:53:53 09/17/71
PERMANENT DIRECTORY?
.USER:VV
GIVE PASSWORD
.ORBL
TEMPORARY DIRECTORY?
.VANCE
COMMAND PROCESSOR HERE
ICHARGES
14:54:11 09/17/71
CONNECT TIME = 3091.
CPU TIME = 1929420.
FIXED ECS = 10899300.
MOT SLOTS = 0.
SWAPPED ECS = 60053504.
TEMP DISK = 0.
MONEY = \$.115
ISCOPE 40000

14:54:33 09/17/71 SCOP32D OF 08/27/71
>FIN
COMMAND PROCESSOR HERE
ICHARGES
14:54:56 09/17/71
CONNECT TIME = 47517.
CPU TIME = 11990104.
FIXED ECS = 167500950.
MOT SLOTS = 0.
SWAPPED ECS = 219279872.
TEMP DISK = 0.
MONEY = \$.697
ISCOPE 40000

14:55:17 09/17/71 SCOP32D OF 08/27/71
>RUN
COMPILING TRIV
>FIN
COMMAND PROCESSOR HERE
ICHARGES
14:55:56 09/17/71
CONNECT TIME = 105905.
CPU TIME = 29726143.
FIXED ECS = 373318650.
MOT SLOTS = 0.
SWAPPED ECS = 830476672.
TEMP DISK = 0.
MONEY = \$1.766
ICHARGES
14:56:47 09/17/71
CONNECT TIME = 155445.
CPU TIME = 29376767.
FIXED ECS = 547943625.
MOT SLOTS = 0.
SWAPPED ECS = 1058024448.
TEMP DISK = 0.
MONEY = \$1.801
ISCOPE 40000

14:57:12 09/17/71 SCOP32D OF 08/27/71
>LGO
BEGIN EXECUTION TRIV
TRIVIA SPEAKING, WHO'S THERE?
>FIN
GOODBYE, FIN
END TRIV
>FIN
COMMAND PROCESSOR HERE
ICHARGES
14:58:14 09/17/71
CONNECT TIME = 240510.
CPU TIME = 46084114.
FIXED ECS = 847801275.
MOT SLOTS = 0.
SWAPPED ECS = 1993324544.
TEMP DISK = 0.
MONEY = \$2.822
ISCOPE 40000
14:58:40 09/17/71 SCOP32D OF 08/27/71
>RUN
COMPILING TRIV
>LGO
BEGIN EXECUTION TRIV
TRIVIA SPEAKING, WHO'S THERE?
>GEORGE
GOODBYE, GEORGE
END TRIV
>FIN
COMMAND PROCESSOR HERE
ICHARGES
15:00:39 09/17/71
CONNECT TIME = 332741.
CPU TIME = 70723437.
FIXED ECS = 1349165550.
MOT SLOTS = 0.
SWAPPED ECS = 4233584320.
TEMP DISK = 0.
MONEY = \$4.471
ILOGOUT
15:01:28 09/17/71
CONNECT TIME = 430420.
CPU TIME = 73597086.
FIXED ECS = 1517234025.
MOT SLOTS = 0.
SWAPPED ECS = 4409465856.
TEMP DISK = 0.
MONEY = \$4.655
GOOD DAY

} null scope, 58¢
including charges

} compile TRIV \$1.07
= 49¢

} LGO
TRIV \$1.02 = 44¢

} compile, LGO
TRIV - \$1.65 = \$1.07

SCOPE COSTS, 17 Sept '71
(only rate was still
\$3/hr?)

TSS NOW UP
JPROC HERE
+DUMP
DISK AUDITED
RECOVERY COMPLETE
MOUNT NEXT TSS DUMP TAPE
ENTER VISUAL REEL NUMBER
8653
VRN= 8653, 00 ERRORS WHEN LAST WRITTEN
VERIFY
YES
LOG VISUAL REEL NUMBER, DATE, AND TIME.

8653 09/13/71 05.53.05
MOUNT NEXT TSS DUMP TAPE
ENTER VISUAL REEL NUMBER
8654
VRN= 8654, 00 ERRORS WHEN LAST WRITTEN
VERIFY
YES
DISK DUMP TAPE SUCCESSFULLY WRITTEN
DUMP COMPLETE

TSS NOW UP
JPROC HERE
+
TSS NOW UP
JPROC HERE
+LOAD
DO YOU REALLY WANT TO LOAD DISK,
+YESLOAD
LOADING
ENTER VISUAL REEL NUMBER, DATE AND TIME OF DUMP
REEL,MM/DD/YY,HH.MM.SS
8653,09/13/71,05.53.05
MOUNT VOL 1 OF TSS DISK DUMP MADE 09/13/71 05.53.05

MOUNT VOL 2 OF TSS DISK DUMP MADE 09/13/71 05.53.05
TAPE READING CONCLUDED, BEGIN POINTER ADJUSTMENT
POINTER ADJUSTMENT COMPLETED, RECOVER ON NEXT DEADSTART
LOAD COMPLETE
CAL TSS VERSION 2.0
10:33:28 09/13/71
PERMANENT DIRECTORY?
.GUEST
GIVE PASSWORD
.GUEST
TEMPORARY DIRECTORY?
.JERRY
COMMAND PROCESSOR HERE
!DMPSCN
DUMP SCANNER VER 2.0
MOUNT DUMP TAPE
READY
TYPE,E,1217

ECS 0001216 00000000006120353355 00000000006130351542
READY
TYPE,E,351524

ECS 0351524 00000000000000001030 00000000000000000000
READY
TYPE,E,351542

ECS 0351542 17770000000100353366 00000000000010000411
READY
PRINT,E,353366,,46000
READY
FIN

COMMAND PROCESSOR HERE
!PRINTER DUMPX
TSS DISK SYSTEM PRINTER DRIVER VER 4.1
ENTER TITLE LINE
DUMP OF GFILE PMS CLOSE CRASH
SCOPE FORMAT CONVENTIONS ?
YES
EVCH CLEARED
PRINTING ...
COMMAND PROCESSOR HERE
!SERV
SERVICES HERE
*DLIST TDLIST

JERRY
OWNERSHIP DIRECTORY
FLXXX
OWNERSHIP DIRECTORY
*CHARGES
13:56:48 09/13/71
CONNECT TIME = 11886553.
CPU TIME = 64992473. = .018hrs 3.61
FIXED ECS = 54392871.104. 6.34
MOT SLOTS = 0.
SWAPPED ECS = 43234668544. 5.04
TEMP DISK = 0.
MONEY =\$13.357 14.99

3.3 hrs ~#10