

```

EEEEEEEEEE XX XX AAAAAA MM MM PPPPPPPP LL EEEEEEEEE SSSSSSSS
EEEEEEEEEE XX XX AAAAAA MM MM PPPPPPPP LL EEEEEEEEE SSSSSSSS
EEEEEEEEEE XX XX AAAAAA MM MM PPPPPPPP LL EEEEEEEEE SSSSSSSS
EE XX XX AA AA MMMM MMMM PP PP LL EE SS
EE XX XX AA AA MMMM MMMM PP PP LL EE SS
EE XX XX AA AA MMMM MMMM PP PP LL EE SS
EE XX XX AA AA MM MM MM PP PP LL EE SS
EE XX XX AA AA MM MM MM PP PP LL EE SS
EEEEEEEE XX XX AA AA MM MM PPPPPPPP LL EEEEEEEEE SSSSSSS
EEEEEEEE XX XX AA AA MM MM PPPPPPPP LL EEEEEEEEE SSSSSSS
EEEEEEEE XX XX AA AA MM MM PPPPPPPP LL EEEEEEEEE SSSSSSS
EE XX XX AAAAAAAAAA MM MM PP LL EE SS
EE XX XX AAAAAAAAAA MM MM PP LL EE SS
EE XX XX AAAAAAAAAA MM MM PP LL EE SS
EE XX XX AA AA MM MM PP LL EE SS
EE XX XX AA AA MM MM PP LL EE SS
EE XX XX AA AA MM MM PP LL EE SS
EEEEEEEEEE XX XX AA AA MM MM PP LLLLLLLLLL EEEEEEEEE SSSSSSSS
EEEEEEEEEE XX XX AA AA MM MM PP LLLLLLLLLL EEEEEEEEE SSSSSSSS
EEEEEEEEEE XX XX AA AA MM MM PP LLLLLLLLLL EEEEEEEEE SSSSSSSS

```

UU UU SSSSSSSS SSSSSSSS TTTTTTTTTT EEEEEEEEE E SSSSSSSS TTTTTTTTTT
UU UU SSSSSSSS SSSSSSSS TTTTTTTTTT EEEEEEEEE E SSSSSSSS TTTTTTTTTT
UU UU SS SS SS SS SS SS SS SS SS SS SS
UU UU SS SS SS SS SS SS SS SS SS SS SS
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UU UU SS SS SS SS SS SS SS SS SS SS SS
UUUUUUUUUU SSSSSSSS SSSSSSSS TTTT EEEEEEEEE SSSSSSSS SSSSSSSS
UUUUUUUUUU SSSSSSSS SSSSSSSS TTTT EEEEEEEEE SSSSSSSS SSSSSSSS

MM MM AAAAAA RRRRRRRR
MM MM AAAAAA RRRRRRRR
MMMM MMMM AA AA RR RR
MMMM MMMM AA AA RR RR
MM MM MM AA AA RR RR
MM MM MM AA AA RRRRRRRR
MM MM AA AA RRRRRRRR
MM MM AAAAAAAAAA RR RR
MM MM AAAAAAAAAA RR RR
MM MM AA AA RR RR
MM MM AA AA RR RR
MM MM AA AA RR RR
MM MM AA AA RR RR

.TITLE USSTEST
.IDENT 'V04-000'

```
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*****
Facility: Example of User Written System Services
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++
Abstract:
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```
This module contains an example of a program that invokes a sample
user-written system service that is contained in a privileged
shareable library. The module USSDISP contains the sample service
and associated dispatching code being invoked by this simple test
program.
```

```
--
Link Command File:
```

```
$ !
$ ! Link Command file for USSTEST
$ !
$ LINK USSTEST/MAP/FULL,SYSS$INPUT/OPTIONS
$ !
$ ! Options file for USSTEST
$ ! USS.EXE/SHARE
```

```
--
BUF: .LONG 0 ; Location to receive TODR contents
.PAGE
.SBTTL Sample invocation of user written system service
```

```
++
Functional Description:
```

```
This routine shows an invocation of the example user system service that
will read the contents of the time of day register.
```

```
As can be seen by this example, the privileged nature of the code used
```

```
:  
: to implement the reading of the TODR is not visible to the caller.  
: For coding convenience and better maintainability, the code can be  
: generated by macros patterned on the standard VMS system service macros.  
:--
```

```
.ENTRY USSTEST,^M<>      : Entry mask and definition  
PUSHAB BUF              : Build argument list - set address for  
                        : return value  
CALLS #1,G^USER_GET_TODR : Invoke routine in privileged library  
                        : to get value from Time-of-day register  
RET                     :  
.END USSTEST            :
```

The image displays a grid of 100 small terminal window screenshots, arranged in a 10x10 grid. Each window shows a different VAX/VMS command and its output. The windows are arranged in a 10x10 grid. Many windows have titles like 'LPMULT B32', 'DRMAST MAR', 'ADDRIVER MAR', 'TORIVER MAR', 'USSTEST MAR', 'GBLSECURF MAR', 'USSDISP MAR', 'XADDRIVER MAR', 'LBRMAC MAR', 'LABLOCIN MAR', 'DTE_DF03 MAR', 'DRSLU MAR', 'SECRET MAR', 'WORKO LIS', and 'EXAMPLES'. Each window contains text-based data, including system status, command prompts, and various lists or reports.