

```
          CCCCCCCCCCCC    00000000    BBBBBBBBBBBBBB    RRRRRRRRRRRR    TTTTTTTTTTTTTTTT    LLL
          CCCCCCCCCCCC    00000000    BBBBBBBBBBBBBB    RRRRRRRRRRRR    TTTTTTTTTTTTTTTT    LLL
          CCCCCCCCCCCC    00000000    BBBBBBBBBBBBBB    RRRRRRRRRRRR    TTTTTTTTTTTTTTTT    LLL
          CCC           000           000   BBB           BBB   RRR           RRR   TTT           LLL
          CCC           000           000   BBB           BBB   RRR           RRR   TTT           LLL
          CCC           000           000   BBB           BBB   RRR           RRR   TTT           LLL
          CCC           000           000   BBB           BBB   RRR           RRR   TTT           LLL
          CCC           000           000   BBB           BBB   RRR           RRR   TTT           LLL
          CCC           000           000   BBB           BBB   RRR           RRR   TTT           LLL
          CCC           000           000   BBB           BBB   RRR           RRR   TTT           LLL
          CCC           000           000   BBB           BBB   RRR           RRR   TTT           LLL
          CCC           000           000   BBB           BBB   RRR           RRR   TTT           LLL
          CCC           000           000   BBB           BBB   RRR           RRR   TTT           LLL
          CCC           000           000   BBB           BBB   RRR           RRR   TTT           LLL
          CCC           000           000   BBB           BBB   RRR           RRR   TTT           LLL
          CCC           000           000   BBB           BBB   RRR           RRR   TTT           LLL
          CCC           000           000   BBB           BBB   RRR           RRR   TTT           LLL
          CCCCCCCCCCCC    00000000    BBBBBBBBBBBBBB    RRR           RRR   TTT           LLLLLLLLLLLLLLLL
          CCCCCCCCCCCC    00000000    BBBBBBBBBBBBBB    RRR           RRR   TTT           LLLLLLLLLLLLLLLL
          CCCCCCCCCCCC    00000000    BBBBBBBBBBBBBB    RRR           RRR   TTT           LLLLLLLLLLLLLLLL
```

```
CCCCCCCC 000000 BBBB BBBB AAAA AA CCCCCC CCCCCC TTTTTTTTTT IIIIII MM MM
CCCCCCCC 000000 BBBB BBBB AAAA AA CCCCCC CCCCCC TTTTTTTTTT IIIIII MM MM
CC CC 00 00 BB BB AA AA CC CC CC CC TTT TT IIII MM MM
CC CC 00 00 BB BB AA AA CC CC CC CC TTT TT IIII MM MM
CC CC 00 00 BB BB AA AA CC CC CC CC TTT TT IIII MM MM
CC CC 00 00 BBBB BB AA AA CC CC CC CC TTT TT IIII MM MM
CC CC 00 00 BBBB BB AA AA CC CC CC CC TTT TT IIII MM MM
CC CC 00 00 BB BB AAAA AA CC CC CC CC TTT TT IIII MM MM
CC CC 00 00 BB BB AAAA AA CC CC CC CC TTT TT IIII MM MM
CC CC 00 00 BB BB AA AA CC CC CC CC TTT TT IIII MM MM
CC CC 00 00 BB BB AA AA CC CC CC CC TTT TT IIII MM MM
CCCCCCCC 000000 BBBB BBBB AAAA AA CCCCCC CCCCCC TTTT IIIIII MM MM
CCCCCCCC 000000 BBBB BBBB AAAA AA CCCCCC CCCCCC TTTT IIIIII MM MM
.....
```

```
LL IIIIII SSSSSSSS
LL IIIIII SSSSSSSS
LL II SS
LL II SS
LL II SS
LL II SS
LL II SSSSSS
LL II SSSSSS
LL II SS
LL II SS
LL II SS
LL IIIIII SSSSSSSS
LLLLLLLLLL IIIIII SSSSSSSS
LLLLLLLLLL IIIIII SSSSSSSS
```

```

1 0001 0 MODULE COBSACC_TIME (
2 0002 0 IDENT = '1-005'
3 0003 0 ) = ! file: COBACCTIM.B32
4 0004 1 BEGIN
5 0005 1
6 0006 1
7 0007 1 *****
8 0008 1 *
9 0009 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *
10 0010 1 * DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS. *
11 0011 1 * ALL RIGHTS RESERVED. *
12 0012 1 *
13 0013 1 * THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED *
14 0014 1 * ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE *
15 0015 1 * INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER *
16 0016 1 * COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY *
17 0017 1 * OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY *
18 0018 1 * TRANSFERRED. *
19 0019 1 *
20 0020 1 * THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE *
21 0021 1 * AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT *
22 0022 1 * CORPORATION. *
23 0023 1 *
24 0024 1 * DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS *
25 0025 1 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL. *
26 0026 1 *
27 0027 1 *
28 0028 1 *****
29 0029 1
30 0030 1 ++
31 0031 1 FACILITY: COBOL SUPPORT
32 0032 1
33 0033 1 ABSTRACT
34 0034 1
35 0035 1
36 0036 1
37 0037 1 ENVIRONMENT: Vax-11 User Mode
38 0038 1
39 0039 1 AUTHOR: MLJ , CREATION DATE: 16-JAN-1979
40 0040 1
41 0041 1 MODIFIED BY:
42 0042 1
43 0043 1 1-001 - Original. MLJ 16-JAN-1979
44 0044 1 1-002 - Added boilerplate and comments. RKR 18-JULY-1979
45 0045 1 1-003 - Declare psects via library macro. RKR 23-AUG-1979
46 0046 1 1-004 - Change symbolic name of LIBRARY file. RKR 1-OCT-79
47 0047 1 1-005 - Cosmetic changes. RKR 18-OCT-79
48 0048 1
49 0049 1 --
50 0050 1
51 0051 1 !<BLF/PAGE>

```

```

53 0052 1  !
54 0053 1  ! SWITCHES
55 0054 1  !
56 0055 1  !
57 0056 1  SWITCHES ADDRESSING_MODE (EXTERNAL = GENERAL, NONEXTERNAL = WORD_RELATIVE);
58 0057 1  !
59 0058 1  !
60 0059 1  ! LINKAGES
61 0060 1  !
62 0061 1  !     NONE
63 0062 1  !
64 0063 1  ! TABLE OF CONTENTS:
65 0064 1  !
66 0065 1  FORWARD ROUTINE
67 0066 1  !
68 0067 1  COBSACC_TIME : NOVALUE ;
69 0068 1  !
70 0069 1  ! INCLUDE FILES
71 0070 1  !
72 0071 1  !
73 0072 1  REQUIRE 'RTLIN:RTLPSECT' ;           ! Macros for declaring psects
74 0167 1  LIBRARY 'RTLSTARLE';
75 0168 1  !
76 0169 1  !
77 0170 1  ! MACROS
78 0171 1  !
79 0172 1  !     NONE
80 0173 1  !
81 0174 1  ! EQUATED SYMBOLS
82 0175 1  !
83 0176 1  !     NONE
84 0177 1  !
85 0178 1  ! PSECT DECLARATIONS:
86 0179 1  !
87 0180 1  DECLARE_PSECTS (COB) ;           ! Psects for COB$ facility
88 0181 1  !

```

```

: 90 0182 1 GLOBAL ROUTINE COBSACC_TIME(DST): NOVALUE=
: 91 0183 1
: 92 0184 1 ++ FUNCTIONAL DESCRIPTION
: 93 0185 1
: 94 0186 1 Returns time of day as HHMMSShh
: 95 0187 1
: 96 0188 1 FORMAL PARAMETERS:
: 97 0189 1
: 98 0190 1 DST.wt.ds Address of string descriptor to receive time.
: 99 0191 1
100 0192 1 IMPLICIT INPUTS:
101 0193 1
102 0194 1 Time of day as supplied by $ASCTIM
103 0195 1
104 0196 1 IMPLICIT OUTPUTS:
105 0197 1
106 0198 1 NONE
107 0199 1
108 0200 1 ROUTINE VALUE:
109 0201 1 COMPLETION CODES:
110 0202 1
111 0203 1 NONE
112 0204 1
113 0205 1 SIDE EFFECTS:
114 0206 1
115 0207 1 NONE
116 0208 1
117 0209 1 --
118 0210 1
119 0211 2 BEGIN
120 0212 2 MAP
121 0213 2 DST: REF BLOCK[,BYTE]; ! Pointer to destination descriptor
122 0214 2 LOCAL
123 0215 2 TIMBUF: BLOCK[11,BYTE], ! Buffer for $ASCTIM
124 0216 2 BUFFER: BLOCK[8,BYTE], ! Buffer for assembling output
125 0217 2 TIMDESC: VECTOR[2]; ! Descriptor for TIMBUF
126 0218 2
127 0219 2
128 0220 2 TIMDESC[0] = 11; ! Set up descriptor
129 0221 2 TIMDESC[1] = TIMBUF;
130 0222 2 $ASCTIM(TIMBUF=TIMDESC, CVTFLG=1); ! Get time
131 0223 2 BUFFER[0,0,16,0] = .TIMBUF[0,0,16,0]; ! Copy hours
132 0224 2 BUFFER[2,0,16,0] = .TIMBUF[3,0,16,0]; ! Copy minutes
133 0225 2 BUFFER[4,0,16,0] = .TIMBUF[6,0,16,0]; ! Copy seconds
134 0226 2 BUFFER[6,0,16,0] = .TIMBUF[9,0,16,0]; ! Copy hundredths
135 0227 2 CH$COPY(8, BUFFER, %C' ', .DST[DSC$W_LENGTH], .DST[DSC$A_POINTER]);
: 136 0228 1 END;

```

```

.TITLE COBSACC_TIME
.IDENT \1-005\
.EXTRN SYSSASCTIM
.PSECT _COB$CODE,NOWRT, SHR, PIC,2
.ENTRY COBSACC_TIME, Save R2,R3,R4,R5

```

003C 0000

: 0182

		5E		18	C2	00002	SUBL2	#24, SP		
				0B	DD	00005	PUSHL	#11		: 0220
	04	AE	10	AE	9E	00007	MOVAB	TIMBUF, TIMDESC+4		: 0221
				01	DD	0000C	PUSHL	#1		: 0222
				7E	D4	0000E	CLRL	-(SP)		
				08	AE	9F	00010	PUSHAB	TIMDESC	
				7E	D4	00013	CLRL	-(SP)		
	00000000G	00		04	FB	00015	CALLS	#4, SYSSASCTIM		
		08	AE	10	AE	B0	0001C	MOVW	TIMBUF, BUFFER	: 0223
		0A	AE	13	AE	B0	00021	MOVW	TIMBUF+3, BUFFER+2	: 0224
		0C	AE	16	AE	B0	00026	MOVW	TIMBUF+6, BUFFER+4	: 0225
		0E	AE	19	AE	B0	0002B	MOVW	TIMBUF+9, BUFFER+6	: 0226
		50		04	AC	D0	00030	MOVL	DST, R0	: 0227
60	20	08	AE	08	2C	00034	MOVC5	#8, BUFFER, #32, (R0), @4(R0)		
				04	B0	0003A				
					04	0003C	RET			: 0228

: Routine Size: 61 bytes, Routine Base: \_COB\$CODE + 0000

: 137 0229 1  
: 138 0230 0 END ELUDOM

PSECT SUMMARY

Name	Bytes	Attributes
_COB\$CODE	61	NOVEC, NOWRT, RD, EXE, SHR, LCL, REL, CON, PIC, ALIGN(2)

Library Statistics

File	Total	Symbols Loaded	Percent	Pages Mapped	Processing Time
_\$255\$DUA28:[SYSLIB]STARLET.L32;1	9776	5	0	581	00:00.8

COMMAND QUALIFIERS

: BLISS/CHECK=(FIELD, INITIAL, OPTIMIZE)/NOTRACE/LIS=LIS\$:COBACCTIM/OBJ=OBJ\$:COBACCTIM MSRC\$:COBACCTIM/UPDATE=(ENH\$:COBACCTIM)

: Size: 61 code + 0 data bytes  
: Run Time: 00:02.6

COBSACC\_TIME  
1-005

J<sup>9</sup>  
16-Sep-1984 00:00:11

VAX-11 Bliss-32 V4.0-742

Page 5

: Elapsed Time: 00:14.7  
: Lines/CPU Min: 5227  
: Lexemes/CPU-Min: 27772  
: Memory Used: 46 pages  
: Compilation Complete

