```
LLL              IIIIIIIII   BBBBBBBBBBBB   RRRRRRRRRRR        AAAAAAAAA     RRRRRRRRRRR
LLL              IIIIIIIII   BBBBBBBBBBBB   RRRRRRRRRRRR       AAAAAAAAA     RRRRRRRRRRRR
LLL              IIIIIIIII   BBBBBBBBBBBB   RRRRRRRRRRRR       AAAAAAAAA     RRRRRRRRRRRR
LLL                 III      BBB      BBB   RRR      RRR     AAA      AAA    RRR      RRR
LLL                 III      BBB      BBB   RRR      RRR     AAA      AAA    RRR      RRR
LLL                 III      BBB      BBB   RRR      RRR     AAA      AAA    RRR      RRR
LLL                 III      BBB      BBB   RRR      RRR     AAA      AAA    RRR      RRR
LLL                 III      BBB      BBB   RRR      RRR     AAA      AAA    RRR      RRR
LLL                 III      BBBBBBBBBBBB   RRRRRRRRRRR      AAA      AAA    RRRRRRRRRRRR
LLL                 III      BBBBBBBBBBBB   RRRRRRRRRRR      AAA      AAA    RRRRRRRRRRRR
LLL                 III      BBBBBBBBBBBB   RRRRRRRRRRR      AAA      AAA    RRRRRRRRRRRR
LLL                 III      BBB      BBB   RRR    RRR       AAAAAAAAAAAAAA  RRR    RRR
LLL                 III      BBB      BBB   RRR    RRR       AAAAAAAAAAAAAA  RRR    RRR
LLL                 III      BBB      BBB   RRR    RRR       AAAAAAAAAAAAAA  RRR    RRR
LLL                 III      BBB      BBB   RRR      RRR     AAA      AAA    RRR      RRR
LLL                 III      BBB      BBB   RRR      RRR     AAA      AAA    RRR      RRR
LLL                 III      BBB      BBB   RRR      RRR     AAA      AAA    RRR      RRR
LLLLLLLLLLLLLL   IIIIIIIII   BBBBBBBBBBBB   RRR      RRR     AAA      AAA    RRR      RRR
LLLLLLLLLLLLLL   IIIIIIIII   BBBBBBBBBBBB   RRR      RRR     AAA      AAA    RRR      RRR
LLLLLLLLLLLLLL   IIIIIIIII   BBBBBBBBBBBB   RRR      RRR     AAA      AAA    RRR      RRR
```

FILEID**LIBRARIAN

```
LL          IIIIII   BBBBBBBB   RRRRRRRR     AAAAAA   RRRRRRRR   IIIIII     AAAAAA   NN      NN
LL          IIIIII   BBBBBBBB   RRRRRRRR     AAAAAA   RRRRRRRR   IIIIII     AAAAAA   NN      NN
LL            II     BB    BB   RR    RR    AA    AA  RR    RR     II      AA    AA  NN      NN
LL            II     BB    BB   RR    RR    AA    AA  RR    RR     II      AA    AA  NNNN    NN
LL            II     BB    BB   RR    RR    AA    AA  RR    RR     II      AA    AA  NNNN    NN
LL            II     3BBBBBBB   RRRRRRRR    AA    AA  RRRRRRRR     II      AA    AA  NN  NN  NN
LL            II     BBBBBBBB   RRRRRRRR    AA    AA  RRRRRRRR     II      AA    AA  NN  NN  NN
LL            II     BB    BB   RR   RR    AAAAAAAAAA RR   RR      II     AAAAAAAAAA NN    NNNN
LL            II     BB    BB   RR   RR    AAAAAAAAAA RR   RR      II     AAAAAAAAAA NN    NNNN
LL            II     BB    BB   RR    RR   AA      AA RR    RR     II      AA    AA  NN      NN
LL            II     BB    BB   RR    RR   AA      AA RR    RR     II      AA    AA  NN      NN
LLLLLLLLLL  IIIIII   BBBBBBBB   RR    RR   AA      AA RR    RR   IIIIII    AA    AA  NN      NN    ....
LLLLLLLLLL  IIIIII   BBBBBBBB   RR    RR   AA      AA RR    RR   IIIIII    AA    AA  NN      NN    ....
                                                                                                 ....
                                                                                                 ....


MM      MM   AAAAAA   PPPPPPPP
MM      MM   AAAAAA   PPPPPPPP
MMMM  MMMM  AA    AA  PP    PP
MM  MM  MM  AA    AA  PP    PP
MM  MM  MM  AA    AA  PP    PP
MM      MM  AA    AA  PPPPPPPP
MM      MM  AA    AA  PPPPPPPP
MM      MM  AAAAAAAAAA PP
MM      MM  AAAAAAAAAA PP
MM      MM  AA    AA  PP
MM      MM  AA    AA  PP
MM      MM  AA    AA  PP
MM      MM  AA    AA  PP
```

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                            +---------------------------+
                            ! Object Module Synopsis !
                            +---------------------------+


Module Name      Ident          Bytes    File                                   Creation Date      Creator
-----------      -----          -----    ----                                   -------------      -------
LIB_MAIN         V04-000          213  -$255$DUA28:[LIBRAR.OBJ]LIBRAR.OLB;1  16-Sep-1984 02:00  VAX-11 Bliss-32 V4.0-742
LIB_DATABASE     V04-000          684  -$255$DUA28:[LIBRAR.OBJ]LIBRAR.OLB;1  16-Sep-1984 01:49  VAX-11 Bliss-32 V4.0-742
LIB_GETCMD       V04-000         4514  -$255$DUA28:[LIBRAR.OBJ]LIBRAR.OLB;1  16-Sep-1984 01:53  VAX-11 Bliss-32 V4.0-742
LIB_PROCMD       V04-000         1980  -$255$DUA28:[LIBRAR.OBJ]LIBRAR.OLB;1  16-Sep-1984 02:03  VAX-11 Bliss-32 V4.0-742
LIB_DELETE       V04-000          604  -$255$DUA28:[LIBRAR.OBJ]LIBRAR.OLB;1  16-Sep-1984 01:50  VAX-11 Bliss-32 V4.0-742
LIB_EXTRACT      V04-000          477  -$255$DUA28:[LIBRAR.OBJ]LIBRAR.OLB;1  16-Sep-1984 01:51  VAX-11 Bliss-32 V4.0-742
LIB_FILEIO       V04-000          858  -$255$DUA28:[LIBRAR.OBJ]LIBRAR.OLB;1  16-Sep-1984 01:52  VAX-11 Bliss-32 V4.0-742
LIB_LIST         V04-000         4515  -$255$DUA28:[LIBRAR.OBJ]LIBRAR.OLB;1  16-Sep-1984 02:01  VAX-11 Bliss-32 V4.0-742
LIB_SUBS         V04-000          321  -$255$DUA28:[LIBRAR.OBJ]LIBRAR.OLB;1  16-Sep-1984 02:04  VAX-11 Bliss-32 V4.0-742
LIB_INPUTTXT     V04-000          645  -$255$DUA28:[LIBRAR.OBJ]LIBRAR.OLB;1  16-Sep-1984 02:00  VAX-11 Bliss-32 V4.0-742
LIB_INPUTHLP     V04-000         1182  -$255$DUA28:[LIBRAR.OBJ]LIBRAR.OLB;1  16-Sep-1984 01:55  VAX-11 Bliss-32 V4.0-742
LIB_INPUTMAC     V04-000         2027  -$255$DUA28:[LIBRAR.OBJ]LIBRAR.OLB;1  16-Sep-1984 01:56  VAX-11 Bliss-32 V4.0-742
LIB_INPUTOBJ     V04-000         3195  -$255$DUA28:[LIBRAR.OBJ]LIBRAR.OLB;1  16-Sep-1984 01:57  VAX-11 Bliss-32 V4.0-742
LIB_COMPRESS     V04-000         1418  -$255$DUA28:[LIBRAR.OBJ]LIBRAR.OLB;1  16-Sep-1984 01:46  VAX-11 Bliss-32 V4.0-742
LIB_CROSS        V04-000         3568  -$255$DUA28:[LIBRAR.OBJ]LIBRAR.OLB;1  16-Sep-1984 01:48  VAX-11 Bliss-32 V4.0-742
LIB_MESSAGES     V04-000           42  -$255$DUA28:[LIBRAR.OBJ]LIBRAR.OLB;1  16-SEP-1984 02:05  VAX-11 Message V04-00
LBRMSG           0                   0  -$255$DUA28:[SYSOBJ]LBR.OLB;1         16-SEP-1984 02:09  VAX-11 Message V04-00
CVTTIME          V04-000          996  -$255$DUA28:[SYSOBJ]CLIUTL.OLB;1      15-SEP-1984 23:39  VAX/VMS Macro V04-00
CLI$INTERFACE    V04-000          516  -$255$DUA28:[SYSLIB]STARLET.OLB;2     16-Sep-1984 00:32  VAX-11 Bliss-32 V4.0-742
CLI$GLOBALS      V04-000            0  -$255$DUA28:[SYSLIB]STARLET.OLB;2     15-SEP-1984 23:38  VAX/VMS Macro V04-00
SYS$P1_VECTOR    V04-000            0  -$255$DUA28:[SYSLIB]STARLET.OLB;2     16-SEP-1984 00:40  VAX/VMS Macro V04-00
CRFSHR           V04-000            0  -$255$DUA28:[SYSLIB]CRFSHR.EXE;1      16-SEP-1984 03:59  VAX-11 Linker V04-00
LBRSHR           V04-000            0  -$255$DUA28:[SYSLIB]LBRSHR.EXE;1      16-SEP-1984 04:16  VAX-11 Linker V04-00
LIBRTL           V04-000            0  -$255$DUA28:[SYSLIB]LIBRTL.EXE;1      16-SEP-1984 04:00  VAX-11 Linker V04-00
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                                        J  6
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                          +------------------------------+
                          ! Image Section Synopsis !
                          +------------------------------+
```

Cluster	Type	Pages	Base Addr	Disk VBN	PFC	Protection and Paging	Global Sec. Name	Match	Majorid	Minorid
DEFAULT_CLUSTER	0	7	00000200	2	0	READ WRITE COPY ON REF				
	0	49	00001000	9	0	READ ONLY				
	0	1	P-00007200	58	0	READ WRITE COPY ON REF				
	0	2	00007400	59	0	READ WRITE FIXUP VECTORS				
	253	20	7FFFD800	0	0	READ WRITE DEMAND ZERO				
CRFSHR	3	1	00000000-R	0	0	READ ONLY	CRFSHR_001	LESS/EQUAL	1	101
	2	5	00000200-R	0	0	READ ONLY	CRFSHR_002	LESS/EQUAL	1	101
LBRSHR	1	1	00000000-R	0	0	READ ONLY	LBRSHR_001	LESS/EQUAL	2	9
	2	3	00000200-R	0	0	READ WRITE COPY ON REF	LBRSHR_002	LESS/EQUAL	2	9
	2	54	00000800-R	0	0	READ ONLY COPY ON REF	LBRSHR_003	LESS/EQUAL	2	9
	4	1	00007400-R	0	0	READ WRITE COPY ON REF	LBRSHR_004	LESS/EQUAL	2	9
LIBRTL	3	111	00000000-R	0	0	READ ONLY	LIBRTL_001	LESS/EQUAL	1	11
	4	1	0000DE00-R	0	0	READ WRITE DEMAND ZERO	LIBRTL_002	LESS/EQUAL	1	11

```
        Key for special characters above:
            +-------------------+
            ! R  - Relocatable !
            ! P  - Protected   !
            +-------------------+
```

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                                    +-------------------------------+
                                    ! Program Section Synopsis !
                                    +-------------------------------+
```

Psect Name	Module Name	Base	End	Length		Align	Attributes
$GLOBAL$		00000200	000003E3	000001E4	(484.)	LONG 2	NOPIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
	LIB_DATABASE	00000200	000003CF	000001D0	(464.)	LONG 2	
	LIB_GETCMD	000003D0	000003DB	0000000C	(12.)	LONG 2	
	LIB_COMPRESS	000003DC	000003E3	00000008	(8.)	LONG 2	
OWN		000003E4	00000E39	00000A56	(2646.)	LONG 2	NOPIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
	LIB_MAIN	000003E4	000003E7	00000004	(4.)	LONG 2	
	LIB_GETCMD	000003E8	00000843	0000045C	(1116.)	LONG 2	
	LIB_PROCMD	00000844	00000849	00000006	(6.)	LONG 2	
	LIB_DELETE	0000084C	00000853	00000008	(8.)	LONG 2	
	LIB_EXTRACT	00000854	00000857	00000004	(4.)	LONG 2	
	LIB_LIST	00000858	00000887	00000030	(48.)	LONG 2	
	LIB_INPUTTXT	00000888	0000089F	00000018	(24.)	LONG 2	
	LIB_INPUTHLP	000008A0	00000917	00000078	(120.)	LONG 2	
	LIB_INPUTMAC	00000918	000009EF	000000D8	(216.)	LONG 2	
	LIB_INPUTOBJ	000009F0	00000AB7	000000C8	(200.)	LONG 2	
	LIB_COMPRESS	00000AB8	00000ACB	00000014	(20.)	LONG 2	
	LIB_CROSS	00000ACC	00000E39	0000036E	(878.)	LONG 2	
$CODE$		00001000	00005C3F	00004C40	(19520.)	LONG 2	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
	LIB_MAIN	00001000	000010D0	000000D1	(209.)	LONG 2	
	LIB_GETCMD	000010D4	000019E3	00000910	(2320.)	LONG 2	
	LIB_PROCMD	000019E4	00002199	000007B6	(1974.)	LONG 2	
	LIB_DELETE	0000219C	000023EF	00000254	(596.)	LONG 2	
	LIB_EXTRACT	000023F0	000025C8	000001D9	(473.)	LONG 2	
	LIB_FILEIO	000025CC	00002925	0000035A	(858.)	LONG 2	
	LIB_LIST	00002928	000032D2	000009AB	(2475.)	LONG 2	
	LIB_SUBS	000032D4	00003414	00000141	(321.)	LONG 2	
	LIB_INPUTTXT	00003418	00003684	0000026D	(621.)	LONG 2	
	LIB_INPUTHLP	00003688	00003AAD	00000426	(1062.)	LONG 2	
	LIB_INPUTMAC	00003AB0	00004176	000006C7	(1735.)	LONG 2	
	LIB_INPUTOBJ	00004178	00004C92	00000B1B	(2843.)	LONG 2	
	LIB_COMPRESS	00004C94	00005201	0000056E	(1390.)	LONG 2	
	LIB_CROSS	00005204	00005A39	00000836	(2102.)	LONG 2	
	CLI$INTERFACE	00005A3C	00005C3F	00000204	(516.)	LONG 2	
$PLIT$		00005C40	00006A2F	00000DF0	(3568.)	LONG 2	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
	LIB_DATABASE	00005C40	00005D1B	000000DC	(220.)	LONG 2	
	LIB_GETCMD	00005D1C	00005F37	0000021C	(540.)	LONG 2	
	LIB_LIST	00005F38	000066FF	000007C8	(1992.)	LONG 2	
	LIB_INPUTMAC	00006700	0000674B	0000004C	(76.)	LONG 2	
	LIB_INPUTOBJ	0000674C	000067E3	00000098	(152.)	LONG 2	
	LIB_CROSS	000067E4	00006A2F	0000024C	(588.)	LONG 2	
_CNVCLI_CODE		00006A30	00006D87	00000358	(856.)	LONG 2	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
	CVTTIME	00006A30	00006D87	00000358	(856.)	LONG 2	
_CNVCLI_STATE		00006D88	00006E13	0000008C	(140.)	BYTE 0	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC

Psect Name	Module Name	Base	End	Length		Align	Attributes
_CNVCLI_STATE		00006D88	00006E13	0000008C	(140.)	BYTE 0	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
	CVTTIME	00006D88	00006E13	0000008C	(140.)	BYTE 0	
_LIB$KEY0$		00006E14	00006E33	00000020	(32.)	WORD 1	PIC,USR,CON,REL,LCL, SHR, EXE, RD,NOWRT,NOVEC
	LIB_GETCMD	00006E14	00006E33	00000020	(32.)	WORD 1	
_LIB$KEY1$		00006E34	00006EAE	0000007B	(123.)	WORD 1	PIC,USR,CON,REL,LCL, SHR, EXE, RD,NOWRT,NOVEC
	LIB_GETCMD	00006E34	00006EAE	0000007B	(123.)	WORD 1	
_LIB$STATE$		00006EB0	00007022	00000173	(371.)	WORD 1	PIC,USR,CON,REL,LCL, SHR, EXE, RD,NOWRT,NOVEC
	LIB_GETCMD	00006EB0	00007022	00000173	(371.)	WORD 1	
MSGPTR$AAAAAAAA		00007200	0000720F	00000010	(16.)	LONG 2	PIC,USR,OVR,REL,LCL,NOSHR,NOEXE, RD, WRT, VEC
	LIB_MESSAGES	00007200	0000720F	00000010	(16.)	LONG 2	
MSGPTR$AAAAAAAB		00007210	00007213	00000004	(4.)	LONG 2	PIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT, VEC
	LIB_MESSAGES	00007210	00007213	00000004	(4.)	LONG 2	
MSGPTR$AAAAAAAC		00007214	00007217	00000004	(4.)	LONG 2	PIC,USR,OVR,REL,LCL,NOSHR,NOEXE, RD, WRT, VEC
	LIB_MESSAGES	00007214	00007217	00000004	(4.)	LONG 2	
MSGPTR$SECTION		00007218	00007229	00000012	(18.)	BYTE 0	PIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT, VEC
	LIB_MESSAGES	00007218	00007229	00000012	(18.)	BYTE 0	

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+---------------------------+
! Symbol Cross Reference !
+---------------------------+
```

Symbol	Value	Defined By	Referenced By ...			
CLI$DCL_PARSE	00005B0B-R	CLI$INTERFACE				
CLI$DISPATCH	00005BBC-R	CLI$INTERFACE				
CLI$GET_VALUE	00005A7F-R	CLI$INTERFACE	LIB_GETCMD			
CLI$NEXT_QUAL	00005BFD-R	CLI$INTERFACE				
CLI$PRESENT	00005A3C-R	CLI$INTERFACE	LIB_GETCMD			
CLI$_ABSENT	000381F0	CLI$GLOBALS	CLI$INTERFACE			
CLI$_COMMA	0003FD39	CLI$GLOBALS	CLI$INTERFACE			
CLI$_CONCAT	0003FD29	CLI$GLOBALS	CLI$INTERFACE			
CLI$_DEFAULTED	0003FD21	CLI$GLOBALS	CLI$INTERFACE			
CLI$_LOCNEG	00038230	CLI$GLOBALS	CLI$INTERFACE			
CLI$_LOCPRES	0003FD31	CLI$GLOBALS	CLI$INTERFACE			
CLI$_NEGATED	000381F8	CLI$GLOBALS	CLI$INTERFACE			
CLI$_NOCOMD	000380B0	CLI$GLOBALS	CLI$INTERFACE			
CLI$_PRESENT	0003FD19	CLI$GLOBALS	CLI$INTERFACE			
COMPRESS_KEYS	00006E20-R	LIB_GETCMD				
COMPRESS_STATES	00006F3C-R	LIB_GETCMD				
CREATE_KEYS	00006E14-R	LIB_GETCMD				
CREATE_STATES	00006EB0-R	LIB_GETCMD				
CRF$INSRTKEY	00007450-RX	CRFSHR	LIB_CROSS			
CRF$INSRTREF	0000744C-RX	CRFSHR	LIB_CROSS			
CRF$OUT	00007448-RX	CRFSHR	LIB_CROSS			
DATA_KEYS	00006E30-R	LIB_GETCMD				
DATA_STATES	00006FF4-R	LIB_GETCMD				
DCL$$COPY_DXDX	00000000		WK-CVTTIME			
DCX_MAP_DESC	000003DC-R	LIB_COMPRESS				
FIND_LIST_WIDTH	00003310-R	LIB_SUBS	LIB_FILEIO			
GETFILNAMDESC	000033CD-R	LIB_SUBS	LIB_FILEIO	LIB_GETCMD		
GET_RECORD	00002773-R	LIB_FILEIO	LIB_INPUTHLP	LIB_INPUTMAC	LIB_INPUTOBJ	LIB_INPUTTXT
LBR$CLOSE	000074B4-RX	LBRSHR	LIB_COMPRESS	LIB_PROCMD		
LBR$DCX_MAP	000074BC-RX	LBRSHR	LIB_COMPRESS			
LBR$DELETE_DATA	00007478-RX	LBRSHR	LIB_DELETE	LIB_INPUTHLP	LIB_INPUTMAC	LIB_INPUTOBJ
			LIB_INPUTTXT			
LBR$DELETE_KEY	00007494-RX	LBRSHR	LIB_DELETE	LIB_INPUTHLP	LIB_INPUTMAC	LIB_INPUTOBJ
			LIB_INPUTTXT	LIB_PROCMD		
LBR$FIND	00007488-RX	LBRSHR	LIB_COMPRESS	LIB_CROSS	LIB_EXTRACT	
LBR$GET_HEADER	000074B0-RX	LBRSHR	LIB_LIST	LIB_PROCMD		
LBR$GET_HISTORY	00007468-RX	LBRSHR	LIB_COMPRESS	LIB_LIST		
LBR$GET_INDEX	00007490-RX	LBRSHR	LIB_COMPRESS	LIB_CROSS	LIB_EXTRACT	LIB_LIST
			LIB_PROCMD			
LBR$GET_RECORD	0000747C-RX	LBRSHR	LIB_COMPRESS	LIB_CROSS	LIB_EXTRACT	
LBR$GL_CONTROL	000074C8-RX	LBRSHR	LIB_COMPRESS	LIB_LIST	LIB_PROCMD	
LBR$GL_RMSSTV	000074C4-RX	LBRSHR	LIB_COMPRESS	LIB_CROSS	LIB_DELETE	LIB_EXTRACT
			LIB_FILEIO	LIB_INPUTHLP	LIB_INPUTMAC	LIB_INPUTOBJ
			LIB_INPUTTXT	LIB_LIST		
LBR$INI_CONTROL	000074C0-RX	LBRSHR	LIB_COMPRESS	LIB_PROCMD		
LBR$INSERT_KEY	0000749C-RX	LBRSHR	LIB_COMPRESS	LIB_INPUTHLP	LIB_INPUTMAC	LIB_INPUTOBJ
			LIB_INPUTTXT			
LBR$INSERT_TIME	00007474-RX	LBRSHR	LIB_COMPRESS			
LBR$LOOKUP_KEY	000074A0-RX	LBRSHR	LIB_COMPRESS	LIB_DELETE	LIB_EXTRACT	LIB_INPUTHLP

Symbol	Value	Defined By	Referenced By ...			
			LIB_INPUTMAC	LIB_INPUTOBJ	LIB_INPUTTXT	LIB_LIST
LBR$OPEN	000074B8-RX	LBRSHR	LIB_COMPRESS	LIB_PROCMD		
LBR$PUT_END	00007480-RX	LBRSHR	LIB_COMPRESS	LIB_INPUTHLP	LIB_INPUTMAC	LIB_INPUTOBJ
			LIB_INPUTTXT			
LBR$PUT_HISTORY	0000746C-RX	LBRSHR	LIB_COMPRESS	LIB_PROCMD		
LBR$PUT_RECORD	00007484-RX	LBRSHR	LIB_COMPRESS	LIB_INPUTHLP	LIB_INPUTMAC	LIB_INPUTOBJ
			LIB_INPUTTXT			
LBR$REPLACE_KEY	00007498-RX	LBRSHR	LIB_INPUTHLP	LIB_INPUTMAC	LIB_INPUTOBJ	LIB_INPUTTXT
LBR$RET_RMSSTV	000074A8-RX	LBRSHR	LIB_PROCMD			
LBR$SEARCH	0000748C-RX	LBRSHR	LIB_COMPRESS	LIB_DELETE	LIB_INPUTOBJ	LIB_LIST
LBR$SET_INDEX	000074A4-RX	LBRSHR	LIB_COMPRESS	LIB_DELETE	LIB_INPUTOBJ	LIB_PROCMD
LBR$SET_LOCATE	000074AC-RX	LBRSHR	LIB_PROCMD			
LBR$SET_MODULE	00007470-RX	LBRSHR	LIB_COMPRESS	LIB_INPUTHLP	LIB_INPUTOBJ	LIB_LIST
LBR$_ALCWRNGBLK	00269002	LBRMSG				
LBR$_BADPARAM	002690C2	LBRMSG				
LBR$_DUPKEY	0026900A	LBRMSG	LIB_INPUTHLP			
LBR$_EMPTYHIST	0026840B	LBRMSG				
LBR$_ENDTOPIC	00268848	LBRMSG	LIB_PROCMD			
LBR$_ERRCLOSE	00268840	LBRMSG				
LBR$_FACILITY	00000026	LBRMSG				
LBR$_HDRTRUNC	00268800	LBRMSG				
LBR$_ILLCREOPT	0026901A	LBRMSG				
LBR$_ILLCTL	00269012	LBRMSG				
LBR$_ILLFMT	0026902A	LBRMSG				
LBR$_ILLFUNC	00269032	LBRMSG				
LBR$_ILLIDXNUM	00269022	LBRMSG				
LBR$_ILLINROU	002690EA	LBRMSG				
LBR$_ILLOP	0026903A	LBRMSG				
LBR$_ILLOUTROU	002690DA	LBRMSG				
LBR$_ILLOUTWID	002690E2	LBRMSG				
LBR$_ILLTYP	00269042	LBRMSG				
LBR$_INTRNLERR	002690CA	LBRMSG				
LBR$_INVKEY	0026904A	LBRMSG				
LBR$_INVNAM	00269052	LBRMSG				
LBR$_INVRFA	0026905A	LBRMSG				
LBR$_KEYINDEX	00268009	LBRMSG				
LBR$_KEYINS	00268011	LBRMSG				
LBR$_KEYNOTFND	00269062	LBRMSG				
LBR$_LIBNOTOPN	0026906A	LBRMSG				
LBR$_LIBOPN	0026907A	LBRMSG				
LBR$_LKPNOTDON	00269072	LBRMSG				
LBR$_NOFILNAM	00269082	LBRMSG				
LBR$_NOHISTORY	00268403	LBRMSG				
LBR$_NOHLPLIBS	00269102	LBRMSG				
LBR$_NOHLPTXT	0026908A	LBRMSG				
LBR$_NOMTCHFOU	00268838	LBRMSG	LIB_CROSS	LIB_EXTRACT	LIB_LIST	LIB_PROCMD
LBR$_NORMAL	00268001	LBRMSG				
LBR$_NOTHLPLIB	00269092	LBRMSG				
LBR$_NOUPDHIST	00268808	LBRMSG				
LBR$_NULIDX	00268810	LBRMSG	LIB_COMPRESS	LIB_LIST		
LBR$_OLDLIBRARY	00268019	LBRMSG	LIB_PROCMD			
LBR$_OLDMISMCH	00268818	LBRMSG	LIB_PROCMD			

Symbol	Value	Defined By	Referenced By ...			
LBR$_RECLNG	0026909A	LBRMSG				
LBR$_RECTRUNC	00268820	LBRMSG				
LBR$_REFCNTZERO	002690A2	LBRMSG				
LBR$_RFAPASTEOF	002690AA	LBRMSG				
LBR$_STILLKEYS	00268828	LBRMSG				
LBR$_TOOMNYARG	002690F2	LBRMSG				
LBR$_TOOMNYLIB	002690B2	LBRMSG				
LBR$_TYPMISMCH	00268830	LBRMSG	LIB_PROCMD			
LBR$_UPDURTRAV	002690BA	LBRMSG				
LBR$_USRINPERR	002690FA	LBRMSG				
LBR$_WRITEERR	002690D2	LBRMSG				
LIB$AL_ASCBINF	00000370-R	LIB_DATABASE	LIB_COMPRESS	LIB_LIST	LIB_PROCMD	
LIB$AL_CREOPTS	000002B8-R	LIB_DATABASE	LIB_GETCMD			
LIB$AL_DELDSPAT	00005D04-R	LIB_DATABASE	LIB_PROCMD			
LIB$AL_HDRLEN	00000388-R	LIB_DATABASE	LIB_COMPRESS	LIB_PROCMD		
LIB$AL_IDXOPT	000003A0-R	LIB_DATABASE	LIB_PROCMD			
LIB$AL_INPDSPAT	00005CE8-R	LIB_DATABASE	LIB_PROCMD			
LIB$AL_MONTHS	000002D0-R	LIB_DATABASE	LIB_LIST			
LIB$AL_NUMIDX	000003B8-R	LIB_DATABASE	LIB_PROCMD			
LIB$AL_RAB	00000210-R	LIB_DATABASE	LIB_CROSS	LIB_EXTRACT	LIB_FILEIO	LIB_INPUTOBJ
			LIB_LIST			
LIB$AL_TYPNAMES	00000350-R	LIB_DATABASE	LIB_LIST	LIB_PROCMD		
LIB$BEFORE_DATE	00000200-R	LIB_DATABASE	LIB_GETCMD	LIB_LIST		
LIB$CRF_INS_KEY	00007454-RX	CRFSHR	LIB_CROSS			
LIB$CRF_INS_REF	00007458-RX	CRFSHR	LIB_CROSS			
LIB$CRF_OUTPUT	0000745C-RX	CRFSHR	LIB_CROSS			
LIB$CVT_ATIME	00006BB5-R	CVTTIME				
LIB$CVT_DTB	000074DC-RX	LIBRTL	LIB_GETCMD	LIB_INPUTHLP		
LIB$CVT_DTIME	00006BE0-R	CVTTIME				
LIB$CVT_TIME	00006A74-R	CVTTIME	LIB_GETCMD			
LIB$FILE_SCAN	000074E0-RX	LIBRTL	LIB_GETCMD			
LIB$FREE_VM	00007500-RX	LIBRTL	CLI$INTERFACE	LIB_SUBS		
LIB$GET_VM	00007504-RX	LIBRTL	CLI$INTERFACE	LIB_SUBS		
LIB$GL_ALLBLKS	000002B8-R	LIB_DATABASE	LIB_PROCMD			
LIB$GL_ALLGBLS	000002BC-R	LIB_DATABASE	LIB_COMPRESS	LIB_PROCMD		
LIB$GL_ALLHIS	000002C8-R	LIB_DATABASE	LIB_COMPRESS	LIB_PROCMD		
LIB$GL_ALLKSZ	000002C4-R	LIB_DATABASE	LIB_COMPRESS	LIB_PROCMD		
LIB$GL_ALLMODS	000002C0-R	LIB_DATABASE	LIB_COMPRESS	LIB_PROCMD		
LIB$GL_ALLVER	000002CC-R	LIB_DATABASE	LIB_PROCMD			
LIB$GL_CRE8FLAGS	000002B4-R	LIB_DATABASE	LIB_COMPRESS	LIB_GETCMD	LIB_PROCMD	
LIB$GL_CREFLAGS	000003D8-R	LIB_GETCMD	LIB_CROSS			
LIB$GL_CTLMSK	0000026C-R	LIB_DATABASE	LIB_COMPRESS	LIB_CROSS	LIB_EXTRACT	LIB_FILEIO
			LIB_GETCMD	LIB_INPUTHLP	LIB_INPUTMAC	LIB_INPUTOBJ
			LIB_INPUTTXT	LIB_LIST	LIB_PROCMD	
LIB$GL_DELMODL	000002AC-R	LIB_DATABASE	LIB_GETCMD	LIB_PROCMD		
LIB$GL_HLPMODIX	00000254-R	LIB_DATABASE	LIB_DELETE			
LIB$GL_INPFDB	00000280-R	LIB_DATABASE	LIB_CROSS	LIB_FILEIO	LIB_INPUTHLP	LIB_INPUTMAC
			LIB_INPUTOBJ	LIB_INPUTTXT		
LIB$GL_INPLIST	00000284-R	LIB_DATABASE	LIB_FILEIO	LIB_GETCMD		
LIB$GL_KEYSIZE	00000260-R	LIB_DATABASE	LIB_COMPRESS	LIB_INPUTHLP	LIB_INPUTMAC	LIB_INPUTOBJ
			LIB_INPUTTXT	LIB_LIST	LIB_PROCMD	
LIB$GL_LIBCTL	00000268-R	LIB_DATABASE	LIB_COMPRESS	LIB_CROSS	LIB_DELETE	LIB_EXTRACT

Symbol	Value	Defined By	Referenced By ...			
			LIB_FILEIO	LIB_INPUTHLP	LIB_INPUTMAC	LIB_INPUTOBJ
			LIB_INPUTTXT	LIB_LIST	LIB_PROCMD	
LIB$GL_LIBFDB	00000278-R	LIB_DATABASE	LIB_COMPRESS	LIB_CROSS	LIB_DELETE	LIB_EXTRACT
			LIB_GETCMD	LIB_INPUTHLP	LIB_INPUTMAC	LIB_INPUTOBJ
			LIB_INPUTTXT	LIB_LIST	LIB_PROCMD	
LIB$GL_LISFDB	00000288-R	LIB_DATABASE	LIB_GETCMD	LIB_LIST		
LIB$GL_LISTWID	00000264-R	LIB_DATABASE	LIB_GETCMD	LIB_LIST		
LIB$GL_MACMODIX	00000254-R	LIB_DATABASE	LIB_DELETE			
LIB$GL_MODLISL	00000294-R	LIB_DATABASE	LIB_CROSS	LIB_GETCMD	LIB_LIST	
LIB$GL_MODNAMIX	00000254-R	LIB_DATABASE	LIB_COMPRESS	LIB_CROSS	LIB_EXTRACT	LIB_LIST
			LIB_PROCMD			
LIB$GL_MODUPDL	0000028C-R	LIB_DATABASE	LIB_GETCMD	LIB_PROCMD		
LIB$GL_MODXTRL	0000029C-R	LIB_DATABASE	LIB_EXTRACT	LIB_GETCMD		
LIB$GL_OBJGSDIX	00000258-R	LIB_DATABASE	LIB_COMPRESS	LIB_DELETE	LIB_INPUTOBJ	LIB_LIST
			LIB_PROCMD			
LIB$GL_OBJMODIX	00000254-R	LIB_DATABASE	LIB_DELETE	LIB_INPUTOBJ	LIB_LIST	
LIB$GL_OBJSYRML	000002A4-R	LIB_DATABASE	LIB_GETCMD	LIB_PROCMD		
LIB$GL_OUTFDB	0000027C-R	LIB_DATABASE	LIB_COMPRESS	LIB_CROSS	LIB_EXTRACT	LIB_GETCMD
			LIB_PROCMD			
LIB$GL_RECOUNT	0000025C-R	LIB_DATABASE	LIB_INPUTOBJ			
LIB$GL_TMPFDB	00000274-R	LIB_DATABASE	LIB_GETCMD	LIB_PROCMD		
LIB$GL_TPINDEX	000003D0-R	LIB_GETCMD				
LIB$GL_TXTMODIX	00000254-R	LIB_DATABASE	LIB_DELETE			
LIB$GL_TYPE	0000036C-R	LIB_DATABASE	LIB_COMPRESS	LIB_CROSS	LIB_EXTRACT	LIB_FILEIO
			LIB_GETCMD	LIB_INPUTOBJ	LIB_LIST	LIB_PROCMD
LIB$GL_VALREQ	000003D4-R	LIB_GETCMD				
LIB$LOOKUP_KEY	000074E4-RX	LIBRTL	LIB_GETCMD			
LIB$LP_LINES	000074E8-RX	LIBRTL	LIB_CROSS			
LIB$PUT_OUTPUT	000074EC-RX	LIBRTL	LIB_PROCMD			
LIB$SCOPY_DXDX	000074F0-RX	LIBRTL	CVTTIME			
LIB$SIGNAL	000074F8-RX	LIBRTL	LIB_COMPRESS	LIB_CROSS	LIB_DELETE	LIB_EXTRACT
			LIB_FILEIO	LIB_GETCMD	LIB_INPUTHLP	LIB_INPUTMAC
			LIB_INPUTOBJ	LIB_INPUTTXT	LIB_LIST	LIB_PROCMD
LIB$SINCE_DATE	00000208-R	LIB_DATABASE	LIB_GETCMD	LIB_LIST		
LIB$STOP	000074F4-RX	LIBRTL	LIB_FILEIO	LIB_GETCMD	LIB_PROCMD	
LIB$TPARSE	000074FC-RX	LIBRTL	LIB_GETCMD			
LIB$_BRKNLIB	00868090	LIB_MESSAGES	LIB_PROCMD			
LIB$_CNVRTING	0086816B	LIB_MESSAGES	LIB_COMPRESS			
LIB$_COMCOD	00868038	LIB_MESSAGES	LIB_INPUTOBJ			
LIB$_DELDATERR	008680AA	LIB_MESSAGES	LIB_DELETE	LIB_INPUTHLP	LIB_INPUTMAC	LIB_INPUTOBJ
			LIB_INPUTTXT			
LIB$_DELETED	00868011	LIB_MESSAGES	LIB_DELETE			
LIB$_DELKEYERR	008680A2	LIB_MESSAGES	LIB_DELETE	LIB_INPUTOBJ	LIB_PROCMD	
LIB$_DIFTYP	00868030	LIB_MESSAGES	LIB_PROCMD			
LIB$_DUPGLOBAL	008680B2	LIB_MESSAGES	LIB_INPUTOBJ			
LIB$_DUPMOD	008680BA	LIB_MESSAGES	LIB_INPUTHLP	LIB_INPUTMAC	LIB_INPUTTXT	
LIB$_DUPMODULE	00868088	LIB_MESSAGES	LIB_INPUTHLP	LIB_INPUTMAC	LIB_INPUTOBJ	
LIB$_EMPTYLIBRARY	0086C003	LIB_MESSAGES	LIB_COMPRESS			
LIB$_ENDWRNGMAC	00868040	LIB_MESSAGES	LIB_INPUTMAC			
LIB$_EXTRACTED	00868029	LIB_MESSAGES	LIB_EXTRACT			
LIB$_EXTRAENDM	00868048	LIB_MESSAGES				
LIB$_FAOFAIL	008680C2	LIB_MESSAGES	LIB_LIST			

Symbol	Value	Defined By	Referenced By ...			
LIB$_GSDTYP	008680CA	LIB_MESSAGES	LIB_INPUTOBJ			
LIB$_HISTERR	00868098	LIB_MESSAGES	LIB_COMPRESS	LIB_LIST	LIB_PROCMD	
LIB$_ILLKEYLVL	008680D2	LIB_MESSAGES	LIB_INPUTHLP			
LIB$_INDEXERR	008680DA	LIB_MESSAGES	LIB_COMPRESS	LIB_CROSS	LIB_DELETE	LIB_EXTRACT
			LIB_INPUTOBJ	LIB_LIST	LIB_PROCMD	
LIB$_INITERR	0086817C	LIB_MESSAGES	LIB_COMPRESS	LIB_FILEIO	LIB_LIST	LIB_PROCMD
LIB$_INSERTED	00868009	LIB_MESSAGES	LIB_COMPRESS	LIB_INPUTHLP	LIB_INPUTMAC	LIB_INPUTOBJ
			LIB_INPUTTXT			
LIB$_INSERTERR	008680E2	LIB_MESSAGES	LIB_COMPRESS	LIB_INPUTHLP	LIB_INPUTMAC	LIB_INPUTOBJ
			LIB_INPUTTXT			
LIB$_INVKEYCHAR	0086A000	LIB_MESSAGES	LIB_INPUTHLP			
LIB$_KEYNAMLNG	008680EA	LIB_MESSAGES	LIB_INPUTHLP			
LIB$_LOOKUPERR	008680F2	LIB_MESSAGES	LIB_COMPRESS	LIB_CROSS	LIB_DELETE	LIB_EXTRACT
			LIB_LIST			
LIB$_MACNAMLNG	008680FA	LIB_MESSAGES	LIB_INPUTMAC			
LIB$_MHDERR	00868174	LIB_MESSAGES	LIB_COMPRESS	LIB_INPUTOBJ	LIB_LIST	
LIB$_MODNAMLNG	00868102	LIB_MESSAGES	LIB_INPUTOBJ	LIB_INPUTTXT		
LIB$_NESTLEVEL	0086810A	LIB_MESSAGES	LIB_INPUTMAC			
LIB$_NOEOM	00868112	LIB_MESSAGES	LIB_INPUTOBJ			
LIB$_NOHLPTXT	00868050	LIB_MESSAGES	LIB_INPUTHLP			
LIB$_NOMACFOUND	00868058	LIB_MESSAGES	LIB_INPUTMAC			
LIB$_NOMODNAM	0086811A	LIB_MESSAGES	LIB_INPUTTXT			
LIB$_NOMTCHENDM	00868060	LIB_MESSAGES	LIB_INPUTMAC			
LIB$_NOMTCHENDR	00868068	LIB_MESSAGES	LIB_INPUTMAC			
LIB$_NOMTCHFOU	00868080	LIB_MESSAGES	LIB_CROSS	LIB_EXTRACT	LIB_LIST	LIB_PROCMD
LIB$_NOSYMBOLS	00868070	LIB_MESSAGES	LIB_INPUTOBJ			
LIB$_NOTOBJLIB	00868122	LIB_MESSAGES	LIB_CROSS	LIB_PROCMD		
LIB$_NOTSHRIMG	0086812A	LIB_MESSAGES	LIB_INPUTOBJ			
LIB$_RECLNG	00868132	LIB_MESSAGES	LIB_INPUTOBJ			
LIB$_RECTYP	0086813A	LIB_MESSAGES	LIB_INPUTOBJ			
LIB$_REMOVED	00868021	LIB_MESSAGES	LIB_PROCMD			
LIB$_REPLACED	00868019	LIB_MESSAGES	LIB_INPUTHLP	LIB_INPUTMAC	LIB_INPUTOBJ	LIB_INPUTTXT
LIB$_REPLACERR	00868142	LIB_MESSAGES				
LIB$_SEQNCE	0086814A	LIB_MESSAGES	LIB_INPUTOBJ			
LIB$_SPNAMLNG	00868152	LIB_MESSAGES	LIB_INPUTOBJ			
LIB$_STRLVL	0086815A	LIB_MESSAGES	LIB_INPUTOBJ			
LIB$_SYMNAMLNG	00868152	LIB_MESSAGES	LIB_INPUTOBJ			
LIB$_TOOMNYENDR	00868078	LIB_MESSAGES	LIB_INPUTMAC			
LIBRAR$_FACILITY	00000086	LIB_MESSAGES				
LIBRARIAN_START	00001000-R	LIB_MAIN				
LIB_CLOSE_OUT	000028A5-R	LIB_FILEIO	LIB_CROSS	LIB_EXTRACT	LIB_LIST	
LIB_COMPRS_LIB	00004C94-R	LIB_COMPRESS	LIB_PROCMD			
LIB_CREATE_LIB	00001CA9-R	LIB_PROCMD	LIB_COMPRESS			
LIB_CROSS_OBJ	00005204-R	LIB_CROSS	LIB_PROCMD			
LIB_DELETE_HLP	00002303-R	LIB_DELETE	LIB_DATABASE			
LIB_DELETE_MAC	00002303-R	LIB_DELETE	LIB_DATABASE			
LIB_DELETE_OBJ	0000219C-R	LIB_DELETE	LIB_DATABASE			
LIB_DELETE_TXT	00002303-R	LIB_DELETE	LIB_DATABASE			
LIB_EXTRCT_MODS	000023F0-R	LIB_EXTRACT	LIB_PROCMD			
LIB_FREE_MEM	000032E4-R	LIB_SUBS	LIB_CROSS	LIB_DELETE	LIB_EXTRACT	LIB_FILEIO
			LIB_GETCMD	LIB_INPUTMAC	LIB_INPUTOBJ	LIB_LIST
			LIB_PROCMD			

Symbol	Value	Defined By	Referenced By ...			
LIB_GET_COMMAND	000010D4-R	LIB_GETCMD	LIB_MAIN			
LIB_GET_MEM	000032D4-R	LIB_SUBS	LIB_COMPRESS	LIB_CROSS	LIB_EXTRACT	LIB_FILEIO
			LIB_GETCMD	LIB_INPUTOBJ	LIB_LIST	LIB_PROCMD
LIB_GET_ZMEM	000032F4-R	LIB_SUBS	LIB_CROSS	LIB_DELETE	LIB_EXTRACT	LIB_FILEIO
			LIB_INPUTMAC	LIB_INPUTOBJ		
LIB_HLP_DEFEXT	00000320-R	LIB_DATABASE	LIB_GETCMD			
LIB_INPUT_HLP	000037F7-R	LIB_INPUTHLP	LIB_DATABASE			
LIB_INPUT_MAC	00003B20-R	LIB_INPUTMAC	LIB_DATABASE			
LIB_INPUT_OBJ	00004178-R	LIB_INPUTOBJ	LIB_DATABASE			
LIB_INPUT_TXT	00003418-R	LIB_INPUTTXT	LIB_DATABASE			
LIB_LIST_CIB	00002928-R	LIB_LIST	LIB_PROCMD			
LIB_LOG_OP	00002009-R	LIB_PROCMD	LIB_COMPRESS	LIB_CROSS	LIB_DELETE	LIB_EXTRACT
			LIB_INPUTHLP	LIB_INPUTMAC	LIB_INPUTOBJ	LIB_INPUTTXT
LIB_LOG_UPD	00002029-R	LIB_PROCMD	LIB_DELETE	LIB_INPUTHLP	LIB_INPUTMAC	LIB_INPUTOBJ
			LIB_INPUTTXT			
LIB_MAC_DEFEXT	00000310-R	LIB_DATABASE	LIB_GETCMD			
LIB_OBJ_DEFEXT	00000300-R	LIB_DATABASE	LIB_GETCMD			
LIB_OPEN_OUT	000027BD-R	LIB_FILEIO	LIB_CROSS	LIB_EXTRACT	LIB_LIST	
LIB_PROCESS_CMD	000019E4-R	LIB_PROCMD	LIB_MAIN			
LIB_SHR_DEFEXT	00000340-R	LIB_DATABASE	LIB_GETCMD			
LIB_TXT_DEFEXT	00000330-R	LIB_DATABASE	LIB_GETCMD			
NEXT_INPUT_FILE	000025CC-R	LIB_FILEIO	LIB_PROCMD			
STR$ANALYZE_SDESC	000074D8-RX	LIBRTL	CLI$INTERFACE			
STR$COPY_DX	000074D4-RX	LIBRTL	CLI$INTERFACE			
SYS$ASCTIM	7FFEDE48	SYS$P1_VECTOR	CVTTIME			
SYS$ASSIGN	7FFEDE50	SYS$P1_VECTOR	LIB_SUBS			
SYS$BINTIM	7FFEDE58	SYS$P1_VECTOR	CVTTIME			
SYS$CLI	7FFEDE18	SYS$P1_VECTOR	CLI$INTERFACE			
SYS$CLOSE	7FFEE1B8	SYS$P1_VECTOR	LIB_FILEIO	LIB_GETCMD		
SYS$CONNECT	7FFEE1C0	SYS$P1_VECTOR	LIB_FILEIO			
SYS$CREATE	7FFEE1C8	SYS$P1_VECTOR	LIB_FILEIO			
SYS$DASSGN	7FFEDEE0	SYS$P1_VECTOR	LIB_SUBS			
SYS$DISCONNECT	7FFEE1D0	SYS$P1_VECTOR	LIB_FILEIO			
SYS$FAO	7FFEDF50	SYS$P1_VECTOR	LIB_CROSS	LIB_LIST	LIB_PROCMD	
SYS$FAOL	7FFEDF58	SYS$P1_VECTOR	LIB_LIST			
SYS$FIND	7FFEE170	SYS$P1_VECTOR	LIB_INPUTOBJ			
SYS$GET	7FFEE180	SYS$P1_VECTOR	LIB_FILEIO			
SYS$GETCHN	7FFEE0C8	SYS$P1_VECTOR	LIB_SUBS			
SYS$GETJPI	7FFEE0D8	SYS$P1_VECTOR	LIB_PROCMD			
SYS$GETTIM	7FFEDF78	SYS$P1_VECTOR	CVTTIME	LIB_CROSS	LIB_PROCMD	
SYS$MODIFY	7FFEE1F8	SYS$P1_VECTOR	LIB_FILEIO			
SYS$OPEN	7FFEE208	SYS$P1_VECTOR	LIB_FILEIO	LIB_GETCMD		
SYS$PUT	7FFEE188	SYS$P1_VECTOR	LIB_CROSS	LIB_EXTRACT	LIB_LIST	
SYS$PUTMSG	7FFEE0E0	SYS$P1_VECTOR	LIB_MAIN			
SYS$READ	7FFEE190	SYS$P1_VECTOR	LIB_INPUTOBJ			
SYS$TRNLOG	7FFEE058	SYS$P1_VECTOR	LIB_SUBS			
SYS$UNWIND	7FFEE070	SYS$P1_VECTOR	LIB_MAIN			
SYS$WAITFR	7FFEE078	SYS$P1_VECTOR	LIB_PROCMD			

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                          +--------------------+
                          ! Symbols By Value !
                          +--------------------+


Value                            Symbols...
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00000026        LBR$_FACILITY
00000086        LIBRAR$_FACILITY
00000200      R-LIB$BEFORE_DATE
00000208      R-LIB$SINCE_DATE
00000210      R-LIB$AL_RAB
00000254      R-LIB$GL_HLPMODIX      R-LIB$GL_MACMODIX    R-LIB$GL_MODNAMIX    R-LIB$GL_OBJMODIX    R-LIB$GL_TXTMODIX
00000258      R-LIB$GL_OBJGSDIX
0000025C      R-LIB$GL_RECOUNT
00000260      R-LIB$GL_KEYSIZE
00000264      R-LIB$GL_LISTWID
00000268      R-LIB$GL_LIBCTL
0000026C      R-LIB$GL_CTLMSK
00000274      R-LIB$GL_TMPFDB
00000278      R-LIB$GL_LIBFDB
0000027C      R-LIB$GL_OUTFDB
00000280      R-LIB$GL_INPFDB
00000284      R-LIB$GL_INPLIST
00000288      R-LIB$GL_LISFDB
0000028C      R-LIB$GL_MODUPDL
00000294      R-LIB$GL_MODLISL
0000029C      R-LIB$GL_MODXTRL
000002A4      R-LIB$GL_OBJSYRML
000002AC      R-LIB$GL_DELMODL
000002B4      R-LIB$GL_CRE8FLAGS
000002B8      R-LIB$AL_CREOPTS       R-LIB$GL_ALLBLKS
000002BC      R-LIB$GL_ALLGBLS
000002C0      R-LIB$GL_ALLMODS
000002C4      R-LIB$GL_ALLKSZ
000002C8      R-LIB$GL_ALLHIS
000002CC      R-LIB$GL_ALLVER
000002D0      R-LIB$AL_MONTHS
00000300      R-LIB_OBJ_DEFEXT
00000310      R-LIB_MAC_DEFEXT
00000320      R-LIB_HLP_DEFEXT
00000330      R-LIB_TXT_DEFEXT
00000340      R-LIB_SHR_DEFEXT
00000350      R-LIB$AL_TYPNAMES
0000036C      R-LIB$GL_TYPE
00000370      R-LIB$AL_ASCBINF
00000388      R-LIB$AL_HDRLEN
000003A0      R-LIB$AL_IDXOPT
000003B8      R-LIB$AL_NUMIDX
000003D0      R-LIB$GL_TPINDEX
000003D4      R-LIB$GL_VALREQ
000003D8      R-LIB$GL_CREFLAGS
000003DC      R-DCX_MAP_DESC
00001000      R-LIBRARIAN_START
000010D4      R-LIB_GET_COMMAND
000019E4      R-LIB_PROCESS_CMD
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Value	Symbols...		
00001CA9	R-LIB_CREATE_LIB		
00002009	R-LIB_LOG_OP		
00002029	R-LIB_LOG_UPD		
0000219C	R-LIB_DELETE_OBJ		
00002303	R-LIB_DELETE_HLP	R-LIB_DELETE_MAC	R-LIB_DELETE_TXT
000023F0	R-LIB_EXTRCT_MODS		
000025CC	R-NEXT_INPUT_FILE		
00002773	R-GET_RECORD		
000027BD	R-LIB_OPEN_OUT		
000028A5	R-LIB_CLOSE_OUT		
00002928	R-LIB_LIST_LIB		
000032D4	R-LIB_GET_MEM		
000032E4	R-LIB_FREE_MEM		
000032F4	R-LIB_GET_ZMEM		
00003310	R-FIND_LIST_WIDTH		
000033CD	R-GETFILNAMDESC		
00003418	R-LIB_INPUT_TXT		
000037F7	R-LIB_INPUT_HLP		
00003B20	R-LIB_INPUT_MAC		
00004178	R-LIB_INPUT_OBJ		
00004C94	R-LIB_COMPRS_LIB		
00005204	R-LIB_CROSS_OBJ		
00005A3C	R-CLI$PRESENT		
00005A7F	R-CLI$GET_VALUE		
00005B0B	R-CLI$DCL_PARSE		
00005BBC	R-CLI$DISPATCH		
00005BFD	R-CLI$NEXT_QUAL		
00005CE8	R-LIB$AL_INPDSPAT		
00005D04	R-LIB$AL_DELDSPAT		
00006A74	R-LIB$CVT_TIME		
00006BB5	R-LIB$CVT_ATIME		
00006BE0	R-LIB$CVT_DTIME		
00006E14	R-CREATE_KEYS		
00006E20	R-COMPRESS_KEYS		
00006E30	R-DATA_KEYS		
00006EB0	R-CREATE_STATES		
00006F3C	R-COMPRESS_STATES		
00006FF4	R-DATA_STATES		
00007448	RX-CRF$OUT		
0000744C	RX-CRF$INSRTREF		
00007450	RX-CRF$INSRTKEY		
00007454	RX-LIB$CRF_INS_KEY		
00007458	RX-LIB$CRF_INS_REF		
0000745C	RX-LIB$CRF_OUTPUT		
00007468	RX-LBR$GET_HISTORY		
0000746C	RX-LBR$PUT_HISTORY		
00007470	RX-LBR$SET_MODULE		
00007474	RX-LBR$INSERT_TIME		
00007478	RX-LBR$DELETE_DATA		
0000747C	RX-LBR$GET_RECORD		
00007480	RX-LBR$PUT_END		
00007484	RX-LBR$PUT_RECORD		

Value	Symbols...
00007488	RX-LBR$FIND
0000748C	RX-LBR$SEARCH
00007490	RX-LBR$GET_INDEX
00007494	RX-LBR$DELETE_KEY
00007498	RX-LBR$REPLACE_KEY
0000749C	RX-LBR$INSERT_KEY
000074A0	RX-LBR$LOOKUP_KEY
000074A4	RX-LBR$SET_INDEX
000074A8	RX-LBR$RET_RMSSTV
000074AC	RX-LBR$SET_LOCATE
000074B0	RX-LBR$GET_HEADER
000074B4	RX-LBR$CLOSE
000074B8	RX-LBR$OPEN
000074BC	RX-LBR$DCX_MAP
000074C0	RX-LBR$INI_CONTROL
000074C4	RX-LBR$GL_RMSSTV
000074C8	RX-LBR$GL_CONTROL
000074D4	RX-STR$COPY_DX
000074D8	RX-STR$ANALYZE_SDESC
000074DC	RX-LIB$CVT_DTB
000074E0	RX-LIB$FILE_SCAN
000074E4	RX-LIB$LOOKUP_KEY
000074E8	RX-LIB$LP_LINES
000074EC	RX-LIB$PUT_OUTPUT
000074F0	RX-LIB$SCOPY_DXDX
000074F4	RX-LIB$STOP
000074F8	RX-LIB$SIGNAL
000074FC	RX-LIB$TPARSE
00007500	RX-LIB$FREE_VM
00007504	RX-LIB$GET_VM
000380B0	CLI$_NOCOMD
000381F0	CLI$_ABSENT
000381F8	CLI$_NEGATED
00038230	CLI$_LOCNEG
0003FD19	CLI$_PRESENT
0003FD21	CLI$_DEFAULTED
0003FD29	CLI$_CONCAT
0003FD31	CLI$_LOCPRES
0003FD39	CLI$_COMMA
00268001	LBR$_NORMAL
00268009	LBR$_KEYINDEX
00268011	LBR$_KEYINS
00268019	LBR$_OLDLIBRARY
00268403	LBR$_NOHISTORY
0026840B	LBR$_EMPTYHIST
00268800	LBR$_HDRTRUNC
00268808	LBR$_NOUPDHIST
00268810	LBR$_NULIDX
00268818	LBR$_OLDMISMCH
00268820	LBR$_RECTRUNC
00268828	LBR$_STILLKEYS
00268830	LBR$_TYPMISMCH

Value	Symbols...
00268838	LBR$_NOMTCHFOU
00268840	LBR$_ERRCLOSE
00268848	LBR$_ENDTOPIC
00269002	LBR$_ALLWRNGBLK
0026900A	LBR$_DUPKEY
00269012	LBR$_ILLCTL
0026901A	LBR$_ILLCREOPT
00269022	LBR$_ILLIDXNUM
0026902A	LBR$_ILLFMT
00269032	LBR$_ILLFUNC
0026903A	LBR$_ILLOP
00269042	LBR$_ILLTYP
0026904A	LBR$_INVKEY
00269052	LBR$_INVNAM
0026905A	LBR$_INVRFA
00269062	LBR$_KEYNOTFND
0026906A	LBR$_LIBNOTOPN
00269072	LBR$_LKPNOTDON
0026907A	LBR$_LIBOPN
00269082	LBR$_NOFILNAM
0026908A	LBR$_NOHLPTXT
00269092	LBR$_NOTHLPLIB
0026909A	LBR$_RECLNG
002690A2	LBR$_REFCNTZERO
002690AA	LBR$_RFAPASTEOF
002690B2	LBR$_TOOMNYLIB
002690BA	LBR$_UPDURTRAV
002690C2	LBR$_BADPARAM
002690CA	LBR$_INTRNLERR
002690D2	LBR$_WRITEERR
002690DA	LBR$_ILLOUTROU
002690E2	LBR$_ILLOUTWID
002690EA	LBR$_ILLINROU
002690F2	LBR$_TOOMNYARG
002690FA	LBR$_USRINPERR
00269102	LBR$_NOHLPLIBS
00868009	LIB$_INSERTED
00868011	LIB$_DELETED
00868019	LIB$_REPLACED
00868021	LIB$_REMOVED
00868029	LIB$_EXTRACTED
00868030	LIB$_DIFTYP
00868038	LIB$_COMCOD
00868040	LIB$_ENDWRNGMAC
00868048	LIB$_EXTRAENDM
00868050	LIB$_NOHLPTXT
00868058	LIB$_NOMACFOUND
00868060	LIB$_NOMTCHENDM
00868068	LIB$_NOMTCHENDR
00868070	LIB$_NOSYMBOLS
00868078	LIB$_TOOMNYENDR
00868080	LIB$_NOMTCHFOU

Value	Symbols...
00868088	LIB$_DUPMODULE
00868090	LIB$_BRKNLIB
00868098	LIB$_HISTERR
008680A2	LIB$_DELKEYERR
008680AA	LIB$_DELDATERR
008680B2	LIB$_DUPGLOBAL
008680BA	LIB$_DUPMOD
008680C2	LIB$_FAOFAIL
008680CA	LIB$_GSDTYP
008680D2	LIB$_ILLKEYLVL
008680DA	LIB$_INDEXERR
008680E2	LIB$_INSERTERR
008680EA	LIB$_KEYNAMLNG
008680F2	LIB$_LOOKUPERR
008680FA	LIB$_MACNAMLNG
00868102	LIB$_MODNAMLNG
0086810A	LIB$_NESTLEVEL
00868112	LIB$_NOEOM
0086811A	LIB$_NOMODNAM
00868122	LIB$_NOTOBJLIB
0086812A	LIB$_NOTSHRIMG
00868132	LIB$_RECLNG
0086813A	LIB$_RECTYP
00868142	LIB$_REPLACERR
0086814A	LIB$_SEQNCE
00868152	LIB$_SPNAMLNG
0086815A	LIB$_STRLVL
00868162	LIB$_SYMNAMLNG
0086816B	LIB$_CNVRTING
00868174	LIB$_MHDERR
0086817C	LIB$_INITERR
0086A000	LIB$_INVKEYCHAR
0086C003	LIB$_EMPTYLIBRARY
7FFEDE18	SYS$CLI
7FFEDE48	SYS$ASCTIM
7FFEDE50	SYS$ASSIGN
7FFEDE58	SYS$BINTIM
7FFEDEE0	SYS$DASSGN
7FFEDF50	SYS$FAO
7FFEDF58	SYS$FAOL
7FFEDF78	SYS$GETTIM
7FFEE058	SYS$TRNLOG
7FFEE070	SYS$UNWIND
7FFEE078	SYS$WAITFR
7FFEE0C8	SYS$GETCHN
7FFEE0D8	SYS$GETJPI
7FFEE0E0	SYS$PUTMSG
7FFEE170	SYS$FIND
7FFEE180	SYS$GET
7FFEE188	SYS$PUT
7FFEE190	SYS$READ
7FFEE1B8	SYS$CLOSE

K 7

Value	Symbols...
7FFEE1C0	SYS$CONNECT
7FFEE1C8	SYS$CREATE
7FFEE1D0	SYS$DISCONNECT
7FFEE1F8	SYS$MODIFY
7FFEE208	SYS$OPEN

Key for special characters above:
```
+---------------------+
! *  - Undefined      !
! U  - Universal      !
! R  - Relocatable    !
! X  - External       !
+---------------------+
```

PRE

$

MAC

L

$SH

M

MAC

```
                                                    +-----------------+
                                                    ! Image Synopsis !
                                                    +-----------------+

Virtual memory allocated:                           00000200 000077FF 00007600 (30208. bytes, 59. pages)
Stack size:                                                     20. pages
Image header virtual block limits:                              1.          1. (    1. block)
Image binary virtual block limits:                              2.         59. (   58. blocks)
Image name and identification:                      LIBRARIAN V04-000
Number of files:                                               11.
Number of modules:                                             24.
Number of program sections:                                    19.
Number of global symbols:                                     517.
Number of cross references:                                   744.
Number of image sections:                                      13.
User transfer address:                              00001000
Number of code references to shareable images:                 44.
Image type:                                         EXECUTABLE.
Map format:                                         FULL WITH CROSS REFERENCE in file _$255$DUA28:[LIBRAR.LIS]LIBRARIAN.MAP;1
Estimated map length:                               152. blocks
```

```
                                              +----------------------+
                                              ! Link Run Statistics  !
                                              +----------------------+
```

```
Performance Indicators                         Page Faults   CPU Time      Elapsed Time
----------------------                         -----------   --------      ------------
        Command processing:                            52   00:00:00.66   00:00:03.12
        Pass 1:                                       267   00:00:03.07   00:00:17.32
        Allocation/Relocation:                         23   00:00:00.16   00:00:02.14
        Pass 2:                                        92   00:00:02.33   00:00:08.96
        Map data after object module synopsis:         11   00:00:02.04   00:00:04.42
        Symbol table output:                            0   00:00:00.03   00:00:00.31
Total run values:                                     445   00:00:08.29   00:00:36.27
```

Using a working set limited to 1350 pages and 96 pages of data storage (excluding image)

Total number object records read (both passes):   1572
     of which 770 were in libraries and 211 were DEBUG data records containing 13052 bytes

Number of modules extracted explicitly   = 18
     with 3 extracted to resolve undefined symbols

67 library searches were for symbols not in the library searched

A total of 0 global symbol table records was written

```
LINK/USERLIB=PROC/NOTRACE/EXE=EXE$:LIBRARIAN/MAP=MAP$:LIBRARIAN/FULL/CROSS SYS$INPUT/OPTIONS

 Options input

     LIB$:LIBRAR/INCLUDE=(LIB_MAIN, LIB_DATABASE, LIB_GETCMD, LIB_PROCMD),-
     LIB$:LIBRAR/INCLUDE=(LIB_DELETE, LIB_EXTRACT, LIB_FILEIO,-
          LIB_LIST, LIB_SUBS),-
     LIB$:LIBRAR/INCLUDE=(LIB_INPUTTXT, LIB_INPUTHLP, LIB_INPUTMAC,-
          LIB_INPUTOBJ, LIB_COMPRESS, LIB_CROSS,LIB_MESSAGES),-
```

```
        RESOBJ$:LBR/INCLUDE=(LBRMSG),-
RESOBJ$:CLIUTL/INCLUDE = (CVTTIME )          !time conversion
PSECT=$PLIT$,EXE
```

TRANSFER
LIS

DATABASE
LIS

PUTCACHE
LIS

LIBRAR

PREFIX
REQ

LIBRARIAN
MAP

CROSS
LIS

SUBS
LIS

FILEIO
LIS

PADLBR
LIS

COMPRESS
LIS

EXTRACT
LIS

LIB
MDL

DELETE
LIS