

CCCCCCCCCC	00000000	BBBBBBBBBB	RRRRRRRRRR	TTTTTTTTTT	LLL
CCCCCCCCCC	00000000	BBBBBBBBBB	RRRRRRRRRR	TTTTTTTTTT	LLL
CCCCCCCCCC	000	000	RRR	RRR	LLL
CCC	000	000	RRR	RRR	LLL
CCC	000	000	RRR	RRR	LLL
CCC	000	000	RRR	RRR	LLL
CCC	000	000	RRR	RRR	LLL
CCC	000	000	RRR	RRR	LLL
CCC	000	000	RRR	RRR	LLL
CCC	000	000	RRR	RRR	LLL
CCC	000	000	RRR	RRR	LLL
CCC	000	000	RRR	RRR	LLL
CCC	000	000	RRR	RRR	LLL
CCC	000	000	RRR	RRR	LLL
CCC	000	000	RRR	RRR	LLL
CCC	000	000	RRR	RRR	LLL
CCC	000	000	RRR	RRR	LLL
CCC	000	000	RRR	RRR	LLL
CCC	000	000	RRR	RRR	LLL
CCC	000	000	RRR	RRR	LLL
CCCCCCCCCC	00000000	BBBBBBBBBB	RRR	RRR	LLLLLLLLLLLLLLLL
CCCCCCCCCC	00000000	BBBBBBBBBB	RRR	RRR	LLLLLLLLLLLLLLLL
CCCCCCCCCC	00000000	BBBBBBBBBB	RRR	RRR	LLLLLLLLLLLLLLLL

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CCCCCCCC 000000 BBBB8888 RRRRRRRR TTTTTTTTTT LL
CCCCCCCC 000000 88888888 RRRRRRRR TTTTTTTTTT LL
CC        00      00  BB      BB  RR      RR  TT      LL
CC        00      00  BB      BB  RR      RR  TT      LL
CC        00      00  BB      BB  RR      RR  TT      LL
CC        00      00  BB      BB  RR      RR  TT      LL
CC        00      00  BB      BB  RR      RR  TT      LL
CC        00      00  BB      BB  RR      RR  TT      LL
CC        00      00  BB      BB  RR      RR  TT      LL
CC        00      00  BB      BB  RR      RR  TT      LL
CC        00      00  BB      BB  RR      RR  TT      LL
CCCCCCCC 000000 BBBB8888 RRR      RR  TT      LL
CCCCCCCC 000000 88888888 RR      RR  TT      LL

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MM      MM  AAAAAA  PPPPPPPP
MM      MM  AAAAAA  PPPPPPPP
MMMM  MMMM AA      AA  PP      PP
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 !
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Module Name	Ident	Bytes	File	Creation Date	Creator
COB\$VECTOR	1-009	496	[COBRTL.OBJ]COBVECTOR.OBJ;1	15-SEP-1984 23:38	VAX/VMS Macro V04-00
COB\$IOEXCEPTION	1-039	2321	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	16-Sep-1984 00:09	VAX-11 Bliss-32 V4.0-742
COB\$\$INVOKE_USE	1-004	96	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	15-SEP-1984 23:45	VAX/VMS Macro V04-00
COB\$\$HANDLER	1-022	325	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	16-Sep-1984 00:08	VAX-11 Bliss-32 V4.0-742
COB\$DBEXCEPTION	1-011	197	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	16-Sep-1984 00:01	VAX-11 Bliss-32 V4.0-742
COB\$ERROR	1-011	125	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	16-Sep-1984 00:06	VAX-11 Bliss-32 V4.0-742
COB\$INTARI	1-019	1233	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	15-SEP-1984 23:43	VAX/VMS Macro V04-00
COB\$INTER	1-019	1664	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	15-SEP-1984 23:44	VAX/VMS Macro V04-00
COB\$ACC_DATE	1-005	162	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	15-Sep-1984 23:47	VAX-11 Bliss-32 V4.0-742
COB\$ACC_DAY	1-006	196	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	15-Sep-1984 23:48	VAX-11 Bliss-32 V4.0-742
COB\$ACC_DAYWEEK	1-006	58	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	15-Sep-1984 23:48	VAX-11 Bliss-32 V4.0-742
COB\$ACC_TIME	1-005	61	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	16-Sep-1984 00:00	VAX-11 Bliss-32 V4.0-742
COB\$ACCECV	1-001	2951	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	15-Sep-1984 23:49	VAX-11 Bliss-32 V4.0-742
COB\$ACCEPT	1-018	5194	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	15-Sep-1984 23:54	VAX-11 Bliss-32 V4.0-742
COB\$CVTDQ_R8	1-006	146	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	15-SEP-1984 23:38	VAX/VMS Macro V04-00
COB\$CVTFQ_R8	1-006	146	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	15-SEP-1984 23:39	VAX/VMS Macro V04-00
COB\$CVTQD_R8	1-004	114	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	15-SEP-1984 23:39	VAX/VMS Macro V04-00
COB\$CVTQF_R8	1-004	116	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	15-SEP-1984 23:40	VAX/VMS Macro V04-00
COB\$CVTRDQ_R8	1-006	146	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	15-SEP-1984 23:41	VAX/VMS Macro V04-00
COB\$CVTRFQ_R8	1-006	146	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	15-SEP-1984 23:41	VAX/VMS Macro V04-00
COB\$DISPLAY	1-015	3751	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	16-Sep-1984 00:02	VAX-11 Bliss-32 V4.0-742
COB\$DIVQ_R8	1-012	290	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	15-SEP-1984 23:43	VAX/VMS Macro V04-00
COB\$EXPI	1-012	2459	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	15-SEP-1984 23:43	VAX/VMS Macro V04-00
COB\$LINAGE	1-016	386	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	16-Sep-1984 00:11	VAX-11 Bliss-32 V4.0-742
COB\$MULQ_R8	1-006	39	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	15-SEP-1984 23:46	VAX/VMS Macro V04-00
COB\$PAUSE	1-007	30	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	16-Sep-1984 00:12	VAX-11 Bliss-32 V4.0-742
COB\$POS_ERASE	1-003	812	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	16-Sep-1984 00:13	VAX-11 Bliss-32 V4.0-742
COB\$SET_SWITCH	1-004	242	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	16-Sep-1984 00:15	VAX-11 Bliss-32 V4.0-742
COB\$SWITCH	1-006	132	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	16-Sep-1984 00:15	VAX-11 Bliss-32 V4.0-742
COB\$CVTPQ_R9	1-006	73	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	15-SEP-1984 23:39	VAX/VMS Macro V04-00
COB\$CVTQP_R9	1-008	83	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	15-SEP-1984 23:40	VAX/VMS Macro V04-00
COB\$CVTRPQ_R9	1-006	73	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	15-SEP-1984 23:41	VAX/VMS Macro V04-00
COB\$CVTRQP_R9	1-007	83	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	15-SEP-1984 23:42	VAX/VMS Macro V04-00
COB\$\$CONTROL_KEY	1-001	374	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	15-SEP-1984 23:45	VAX/VMS Macro V04-00
COB\$\$ESCAPE_GENERATOR	1-003	1627	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	16-Sep-1984 00:06	VAX-11 Bliss-32 V4.0-742
COB\$MSGDEF	2-011	0	-\$255\$DUA28:[COBRTL.OBJ]COBRTL.OLB;1	15-SEP-1984 23:37	VAX-11 Message V04-00
LIB\$AB_CVTTP_U	1-003	256	-\$255\$DUA28:[SYSOBJ]LIBRTL.OLB;1	15-SEP-1984 23:53	VAX/VMS Macro V04-00
LIB\$AB_CVTTP_O	1-003	256	-\$255\$DUA28:[SYSOBJ]LIBRTL.OLB;1	15-SEP-1984 23:53	VAX/VMS Macro V04-00
LIB\$AB_CVT_O_U	1-003	256	-\$255\$DUA28:[SYSOBJ]LIBRTL.OLB;1	15-SEP-1984 23:51	VAX/VMS Macro V04-00
OT\$MSGDEF	2-003	0	-\$255\$DUA28:[SYSOBJ]LIBRTL.OLB;1	15-SEP-1984 23:44	VAX-11 Message V04-00
SMG\$\$KEY_UTIL	1-004	856	-\$255\$DUA28:[SYSOBJ]SMGRTL.OLB;1	16-SEP-1984 00:11	VAX/VMS Macro V04-00
SMG\$MSGDEF	1-026	42	-\$255\$DUA28:[SYSOBJ]SMGRTL.OLB;1	16-SEP-1984 00:10	VAX-11 Message V04-00
SY\$P1_VECTOR	V04-000	0	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 00:40	VAX/VMS Macro V04-00
SY\$SSDEF	V04-000	0	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 01:18	VAX/VMS Macro 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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! Image Section Synopsis !
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<u>Cluster</u>	<u>Type</u>	<u>Pages</u>	<u>Base Addr</u>	<u>Disk VBN</u>	<u>PFC</u>	<u>Protection and Paging</u>	<u>Global Sec. Name</u>	<u>Match</u>	<u>Majorid</u>	<u>Minorid</u>
CLUSTER1	3	55	00000000-R	2	0	READ ONLY				
CLUSTER2	4	1	00006E00-R	57	0	READ WRITE COPY ON REF				
DEFAULT_CLUSTER	4	1	P-00007000-R	58	0	READ WRITE COPY ON REF				
	2	1	00007200-R	59	0	READ WRITE FIXUP VECTORS				
LIBRTL	3	111	0C000000-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:

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: R - Relocatable :
: P - Protected :
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! Program Section Synopsis !

Psect Name	Module Name	Base	End	Length	Align	Attributes	
_COB\$VECTOR	COB\$VECTOR	00000000	000001EF	000001F0 (496.)	LONG 2	PIC,USR,CON,REL,GBL, SHR, EXE, RD,NOWRT,NOVEC
		00000000	000001EF	000001F0 (	496.)	LONG 2
_COB\$CODE	COB\$IOEXCEPTION	000001F0	0000650E	0000631F (25375.)	LONG 2	PIC,USR,CON,REL,GBL, SHR, EXE, RD,NOWRT,NOVEC
	COB\$\$INVOKE_USE	000001F0	00000B00	00000911 (	2321.)	LONG 2
	COB\$\$HANDLER	00000B04	00000B63	00000060 (	96.)	LONG 2
	COB\$DBEXCEPTION	00000B64	00000CAB	00000145 (	325.)	LONG 2
	COB\$ERROR	00000CAC	00000D70	000000C5 (	197.)	LONG 2
	COB\$INTARI	00000D74	00000DF0	0000007D (	125.)	LONG 2
	COB\$INTER	00000DF4	000012C4	000004D1 (	1233.)	LONG 2
	COB\$ACC_DATE	000012C8	00001947	00000680 (	1664.)	LONG 2
	COB\$ACC_DAY	00001948	000019E9	000000A2 (	162.)	LONG 2
	COB\$ACC_DAYWEEK	000019EC	00001AAF	000000C4 (	196.)	LONG 2
	COB\$ACC_TIME	00001AB0	00001AE9	0000003A (	58.)	LONG 2
	COB\$ACCECV	00001AEC	00001B28	0000003D (	61.)	LONG 2
	COB\$ACCEPT	00001B2C	000026B2	00000B87 (	2951.)	LONG 2
	COB\$CVTDQ_R8	000026B4	00003AA5	000013F2 (	5106.)	LONG 2
	COB\$CVTFQ_R8	00003AA8	00003B39	00000092 (	146.)	LONG 2
	COB\$CVTDQ_R8	00003B3C	00003BCD	00000092 (	146.)	LONG 2
	COB\$CVTFQ_R8	00003BD0	00003C41	00000072 (	114.)	LONG 2
	COB\$CVTRDQ_R8	00003C44	00003CB7	00000074 (	116.)	LONG 2
	COB\$CVTRFQ_R8	00003CB8	00003D49	00000092 (	146.)	LONG 2
	COB\$DISPLAY	00003D4C	00003DDD	00000092 (	146.)	LONG 2
	COB\$DIVQ_R8	00003DE0	00004C4F	00000E70 (	3696.)	LONG 2
	COB\$EXPI	00004C50	00004D71	00000122 (	290.)	LONG 2
	COB\$LINAGE	00004D74	0000570E	0000099B (	2459.)	LONG 2
	COB\$MULQ_R8	00005710	00005891	00000182 (	386.)	LONG 2
	COB\$PAUSE	00005894	000058BA	00000027 (	39.)	LONG 2
	COB\$POS_ERASE	000058BC	000058D9	0000001E (	30.)	LONG 2
	COB\$SET_SWITCH	000058DC	000058FB	00000320 (	800.)	LONG 2
	COB\$SWITCH	000058FC	00005CED	000000F2 (	242.)	LONG 2
	COB\$CVTPQ_R9	00005CF0	00005D73	00000084 (	132.)	LONG 2
	COB\$CVTRPQ_R9	00005D74	00005DBC	00000049 (	73.)	LONG 2
	COB\$CVTRPQ_R9	00005DC0	00005E12	00000053 (	83.)	LONG 2
	COB\$CVTRPQ_R9	00005E14	00005E5C	00000049 (	73.)	LONG 2
	COB\$ESCAPE_GENERATOR	00005E60	00005EB2	00000053 (	83.)	LONG 2
		00005EB4	0000650E	0000065B (	1627.)	LONG 2
_LIB\$CODE	LIB\$AB_CVTTP_U	00006510	0000680F	00000300 (768.)	LONG 2	PIC,USR,CON,REL,GBL, SHR, EXE, RD,NOWRT,NOVEC
	LIB\$AB_CVTTP_O	00006510	0000660F	00000100 (	256.)	LONG 2
	LIB\$AB_CVT_O_U	00006610	0000670F	00000100 (	256.)	LONG 2
	LIB\$AB_CVT_O_U	00006710	0000680F	00000100 (	256.)	LONG 2
_SMG\$CODE	COB\$\$CONTROL_KEY	00006810	00006CDF	000004D0 (1232.)	LONG 2	PIC,USR,CON,REL,GBL, SHR, EXE, RD,NOWRT,NOVEC
	SMG\$\$KEY_UTIL	00006810	00006985	00000176 (	374.)	LONG 2
		00006988	00006CDF	00000358 (	856.)	LONG 2

<u>Psect Name</u>	<u>Module Name</u>	<u>Base</u>	<u>End</u>	<u>Length</u>	<u>Align</u>	<u>Attributes</u>	
_COB\$DATA		00006E00	00006E9B	0000009C (156.)	LONG 2	PIC,USR,CON,REL,GBL,NOSHR,NOEXE, RD, WRT,NOVEC
	COB\$ACCEPT	00006E00	00006E57	00000058 (	88.)	LONG 2
	COB\$DISPLAY	00006E58	00006E8E	00000037 (	55.)	LONG 2
	COB\$POS_ERASE	00006E90	00006E9B	0000000C (	12.)	LONG 2
MSGPTR\$AAAAAAA		00007000	0000700F	00000010 (16.)	LONG 2	PIC,USR,OVR,REL,LCL,NOSHR,NOEXE, RD, WRT, VEC
	SMG\$MSGDEF	00007000	0000700F	00000010 (	16.)	LONG 2
MSGPTR\$AAAAAAB		00007010	00007013	00000004 (4.)	LONG 2	PIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT, VEC
	SMG\$MSGDEF	00007010	00007013	00000004 (	4.)	LONG 2
MSGPTR\$AAAAAAC		00007014	00007017	00000004 (4.)	LONG 2	PIC,USR,OVR,REL,LCL,NOSHR,NOEXE, RD, WRT, VEC
	SMG\$MSGDEF	00007014	00007017	00000004 (	4.)	LONG 2
MSGPTR\$SECTION		00007018	00007029	00000012 (18.)	BYTE 0	PIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT, VEC
	SMG\$MSGDEF	00007018	00007029	00000012 (	18.)	BYTE 0

! Symbol Cross Reference !

Symbol	Value	Defined By	Referenced By ...
ACC_SCR	00006E00-R	COB\$ACCEPT	
COB\$\$AB_PREV	00006E88-R	COB\$DISPLAY	COB\$ACCEPT COB\$POS_ERASE
COB\$\$AB_USPCODE	00006134-R	COB\$DISPLAY	COB\$ACCEPT COB\$POS_ERASE
COB\$\$ACC_CONVERT	00001E2C-R	COB\$ACCECV	COB\$ACCEPT
COB\$\$AL_WRITE_RAB	00006E58-R	COB\$DISPLAY	COB\$ACCEPT COB\$POS_ERASE
COB\$\$AW_WRITE_IFI	00006E74-R	COB\$DISPLAY	COB\$ACCEPT
COB\$\$CONTROL_KEY	0000693B-R	COB\$\$CONTROL_KEY	COB\$ACCEPT
COB\$\$DOWN_SCROLL_R2	00005EBE-R	COB\$\$ESCAPE_GENERATOR	
COB\$\$ERASE_LINE_R2	00005EFF-R	COB\$\$ESCAPE_GENERATOR	COB\$POS_ERASE
COB\$\$ERASE_PAGE_R2	00005F43-R	COB\$\$ESCAPE_GENERATOR	COB\$POS_ERASE
COB\$\$ERASE_WHOLE_LINE_R2	00005F88-R	COB\$\$ESCAPE_GENERATOR	COB\$POS_ERASE
COB\$\$ERASE_WHOLE_PAGE_R2	00005FD0-R	COB\$\$ESCAPE_GENERATOR	COB\$POS_ERASE
COB\$\$FREE_STRINGS	00004C23-R	COB\$DISPLAY	COB\$ACCECV
COB\$\$HANDLER	00000B64-RU	COB\$\$HANDLER	COB\$VECTOR
COB\$\$INVOKE_USE	00000B04-R	COB\$\$INVOKE_USE	COB\$\$HANDLER COB\$DBEXCEPTION
COB\$\$OPEN_IN	000031FF-R	COB\$ACCEPT	COB\$IOEXCEPTION
COB\$\$OPEN_OUT	00004063-R	COB\$DISPLAY	COB\$POS_ERASE
COB\$\$RET_A_AB_PREV	00004C46-RU	COB\$DISPLAY	COB\$ACCEPT COB\$POS_ERASE
COB\$\$SETOP_TERM_TYPE	000063D0-R	COB\$\$ESCAPE_GENERATOR	COB\$ACCEPT COB\$DISPLAY
COB\$\$SET_ATTRIBUTES	00006020-R	COB\$\$ESCAPE_GENERATOR	COB\$POS_ERASE
COB\$\$SET_ATTRIBUTES_ONLY	00006098-R	COB\$\$ESCAPE_GENERATOR	COB\$DISPLAY
COB\$\$SET_CURSOR_ABS_R4	00006102-R	COB\$\$ESCAPE_GENERATOR	COB\$ACCEPT
COB\$\$SET_CURSOR_REL	000061DA-R	COB\$\$ESCAPE_GENERATOR	
COB\$\$SUP_SCROLL_R2	000064E6-R	COB\$\$ESCAPE_GENERATOR	COB\$POS_ERASE
COB\$ACCEPT	000027A0-RU	COB\$ACCEPT	COB\$VECTOR
COB\$ACC_DATE	00001990-RU	COB\$ACC_DATE	COB\$VECTOR
COB\$ACC_DAY	000019F0-RU	COB\$ACC_DAY	COB\$VECTOR
COB\$ACC_DAYWEEK	00001AB0-RU	COB\$ACC_DAYWEEK	COB\$VECTOR
COB\$ACC_SCR	000028EC-RU	COB\$ACCEPT	COB\$VECTOR
COB\$ACC_TERM_TYPE	00006E94-R	COB\$POS_ERASE	COB\$ACCEPT
COB\$ACC_TIME	00001AEC-RU	COB\$ACC_TIME	COB\$VECTOR
COB\$ADDI	00000F08-RU	COB\$INTARI	COB\$VECTOR
COB\$CMPI	00001115-RU	COB\$INTARI	COB\$VECTOR
COB\$CNVOUT	00007258-RX	LIBRTL	COB\$CVTDQ_R8 COB\$CVTRDQ_R8
COB\$CVTDI_R7	00001417-RU	COB\$INTER	COB\$DISPLAY COB\$INTARI
COB\$CVTDQ_R8	00003AB4-RU	COB\$CVTDQ_R8	COB\$VECTOR
COB\$CVTFI_R7	000013C7-RU	COB\$INTER	COB\$EXPI COB\$INTARI
COB\$CVTFQ_R8	00003B48-RU	COB\$CVTFQ_R8	COB\$VECTOR
COB\$CVTID_R7	000017A6-RU	COB\$INTER	COB\$VECTOR COB\$INTARI
COB\$CVTIF_R7	00001724-RU	COB\$INTER	COB\$VECTOR COB\$INTARI
COB\$CVTIL_R8	00001572-RU	COB\$INTER	COB\$VECTOR COB\$EXPI

Symbol	Value	Defined By	Referenced By ...
COB\$CVTIP_R9	00001826-RU	COB\$INTER	COB\$INTARI COB\$ACCECV COB\$INTARI COB\$VECTOR
COB\$CVTIQ_R8	00001624-RU	COB\$INTER	COB\$ACCECV COB\$INTARI COB\$VECTOR
COB\$CVTIW_R8	000014BA-RU	COB\$INTER	COB\$ACCECV COB\$INTARI COB\$VECTOR
COB\$CVTLI_R8	00001354-RU	COB\$INTER	COB\$ACCECV COB\$INTARI COB\$VECTOR
COB\$CVTPI_R9	00001467-RU	COB\$INTER	COB\$EXPI COB\$INTARI COB\$VECTOR
COB\$CVTPQ_R9	00005D80-RU	COB\$CVTPQ_R9	COB\$EXPI COB\$VECTOR
COB\$CVTQD_R8	00003BD6-RU	COB\$CVTQD_R8	COB\$VECTOR
COB\$CVTQF_R8	00003C4A-RU	COB\$CVTQF_R8	COB\$VECTOR
COB\$CVTQI_R8	00001363-RU	COB\$INTER	COB\$EXPI COB\$VECTOR
COB\$CVTQP_R9	00005DC6-RU	COB\$CVTQP_R9	COB\$INTARI COB\$VECTOR
COB\$CVTRDQ_R8	00003CC4-RU	COB\$CVTRDQ_R8	COB\$DISPLAY COB\$VECTOR
COB\$CVTRFQ_R8	00003D58-RU	COB\$CVTRFQ_R8	COB\$VECTOR
COB\$CVTRIL_R8	000015CB-RU	COB\$INTER	COB\$VECTOR
COB\$CVTRIP_R9	00001870-RU	COB\$INTER	COB\$VECTOR
COB\$CVTRIQ_R8	000016A4-RU	COB\$INTER	COB\$VECTOR
COB\$CVTRIW_R8	00001516-RU	COB\$INTER	COB\$VECTOR
COB\$CVTRPQ_R9	00005E20-RU	COB\$CVTRPQ_R9	COB\$VECTOR
COB\$CVTRQP_R9	00005E66-RU	COB\$CVTRQP_R9	COB\$VECTOR
COB\$CVTTI_R8	000018BA-RU	COB\$INTER	COB\$ACCECV COB\$VECTOR
COB\$CVTWI_R8	00001342-RU	COB\$INTER	COB\$EXPI COB\$INTARI COB\$VECTOR
COB\$DBEXCEPTION	00000CAC-RU	COB\$DBEXCEPTION	COB\$VECTOR
COB\$DISPLAY	00003ECC-RU	COB\$DISPLAY	COB\$VECTOR
COB\$DISP_NO_ADV	00003EE2-RU	COB\$DISPLAY	COB\$VECTOR
COB\$DISP_SCR	00003EF7-RU	COB\$DISPLAY	COB\$VECTOR
COB\$DISP_SCR_NO_ADV	00003F0D-RU	COB\$DISPLAY	COB\$VECTOR
COB\$DIVI	00001072-RU	COB\$INTARI	COB\$VECTOR
COB\$DIVI_OSE	00001068-RU	COB\$INTARI	COB\$VECTOR
COB\$DIVQ_R8	00004C50-RU	COB\$DIVQ_R8	COB\$VECTOR
COB\$ERROR	00000D9C-RU	COB\$ERROR	COB\$VECTOR
COB\$EXPI	000052C4-RU	COB\$EXPI	COB\$VECTOR
COB\$EXPI_OSE	000052BD-RU	COB\$EXPI	COB\$VECTOR
COB\$HANDLER	00000000-RU	COB\$VECTOR	COB\$HANDLER COB\$IOEXCEPTION COB\$VECTOR
COB\$INVOKE_USE			COB\$INVOKE_USE
COB\$INIT_LINAGE	000057DD-RU	COB\$LINAGE	COB\$VECTOR
COB\$IOEXCEPTION	000007AC-RU	COB\$IOEXCEPTION	COB\$VECTOR
COB\$LINAGE	00005710-RU	COB\$LINAGE	COB\$VECTOR
COB\$MULI	0000100B-RU	COB\$INTARI	COB\$VECTOR
COB\$MULQ_R8	00005894-RU	COB\$MULQ_R8	COB\$VECTOR
COB\$PAUSE	000058BC-RU	COB\$PAUSE	COB\$VECTOR
COB\$POS_ACCEPT	000058DC-RU	COB\$POS_ERASE	COB\$VECTOR
COB\$POS_DISPLAY	00005972-RU	COB\$POS_ERASE	COB\$VECTOR
COB\$POS_ERASE	000059EF-RU	COB\$POS_ERASE	COB\$VECTOR
COB\$SET_SWITCH	00005C08-RU	COB\$SET_SWITCH	COB\$VECTOR
COB\$SUBT	00000EF2-RU	COB\$INTARI	COB\$VECTOR

Symbol	Value	Defined By	Referenced By ...
COB\$SWITCH	00005CFC-RU	COB\$SWITCH	COB\$VECTOR
COB\$TERM_LINAGE	0000585F-RU	COB\$LINAGE	COB\$VECTOR
COB\$TERM_TYPE	00006E90-R	COB\$POS_ERASE	COB\$ACCEPT COB\$DISPLAY
COB\$_CALFAI	00198084	COB\$MSGDEF	COB\$ERROR
COB\$_CANFAIL	0019825C	COB\$MSGDEF	
COB\$_DELINCOPE	00198194	COB\$MSGDEF	COB\$IOEXCEPTION
COB\$_DELNO R S	00198184	COB\$MSGDEF	COB\$IOEXCEPTION
COB\$_DELUNDFIL	0019818C	COB\$MSGDEF	COB\$IOEXCEPTION
COB\$_DISMORMAX	001981FC	COB\$MSGDEF	
COB\$_EOFON ACC	001981EC	COB\$MSGDEF	COB\$ACCEPT
COB\$_ERRDURACC	001981F4	COB\$MSGDEF	COB\$ACCEPT
COB\$_ERRDURDIS	0019827C	COB\$MSGDEF	COB\$DISPLAY COB\$POS_ERASE
COB\$_ERRDURPOS	001982F4	COB\$MSGDEF	COB\$POS_ERASE
COB\$_ERRDURSOR	00198074	COB\$MSGDEF	COB\$\$HANDLER COB\$ERROR
COB\$_ERRON FIL	0019809C	COB\$MSGDEF	COB\$IOEXCEPTION COB\$LINAGE
COB\$_EXPDBOVER	001982C4	COB\$MSGDEF	COB\$ERROR
COB\$_FACILITY	00000019	COB\$MSGDEF	
COB\$_FAIFREEVM	00198274	COB\$MSGDEF	
COB\$_FAIGET_EF	0019829C	COB\$MSGDEF	
COB\$_FAIGET_VM	0019826C	COB\$MSGDEF	COB\$ACCEPT
COB\$_FATINTERR	00198294	COB\$MSGDEF	COB\$ERROR COB\$DISPLAY COB\$LINAGE
COB\$_FILALRCLO	001980DC	COB\$MSGDEF	COB\$IOEXCEPTION
COB\$_FILALRLOC	001980AC	COB\$MSGDEF	COB\$IOEXCEPTION
COB\$_FILALROPE	001980B4	COB\$MSGDEF	COB\$IOEXCEPTION
COB\$_FILCLOLOC	001980BC	COB\$MSGDEF	COB\$IOEXCEPTION
COB\$_FILNOTFOU	001980CC	COB\$MSGDEF	COB\$IOEXCEPTION
COB\$_GOTO ALT	00198044	COB\$MSGDEF	COB\$ERROR
COB\$_INTDIVZER	0019821C	COB\$MSGDEF	COB\$INTARI
COB\$_INTEXPOVE	00198204	COB\$MSGDEF	COB\$EXPI COB\$INTARI
COB\$_INTEXPUND	0019820C	COB\$MSGDEF	COB\$INTER COB\$EXPI COB\$INTARI
COB\$_INTRESOPE	00198214	COB\$MSGDEF	COB\$EXPI COB\$INTARI
COB\$_INVARG	00198264	COB\$MSGDEF	COB\$EXPI COB\$ACCECV COB\$DISPLAY COB\$ACCEPT COB\$ERROR COB\$INTARI COB\$POS_ERASE
COB\$_INVCHANAM	0019824C	COB\$MSGDEF	COB\$IOEXCEPTION
COB\$_INVDECDAT	001982AC	COB\$MSGDEF	COB\$\$HANDLER
COB\$_INVDECDIG	00198224	COB\$MSGDEF	COB\$INTER
COB\$_INVDEFVAL	001982FC	COB\$MSGDEF	COB\$ACCEPT
COB\$_INVLINVAL	0019808C	COB\$MSGDEF	COB\$LINAGE
COB\$_KEYNOTMAT	001982CC	COB\$MSGDEF	COB\$IOEXCEPTION
COB\$_LSTHNDLDB	001982BC	COB\$MSGDEF	COB\$\$HANDLER
COB\$_LSTHNDUSE	001982B4	COB\$MSGDEF	COB\$\$HANDLER
COB\$_NAMNOTLIN	00198244	COB\$MSGDEF	
COB\$_NESERRPER	00198054	COB\$MSGDEF	COB\$ERROR
COB\$_NORMAL	00198001	COB\$MSGDEF	
COB\$_NO_NEXLOG	001980E4	COB\$MSGDEF	COB\$IOEXCEPTION
COB\$_NO_NEXVAL	001980F4	COB\$MSGDEF	COB\$IOEXCEPTION
COB\$_NO_SPACE	001980C4	COB\$MSGDEF	COB\$IOEXCEPTION

Symbol	Value	Defined By	Referenced By ...
COBS_NO_USEPRO	00198094	COBSMSGDEF	COBS\$HANDLER COBSIOEXCEPTION
COBS_OCCDEPOVE	00198064	COBSMSGDEF	COBS\$ERROR
COBS_OPTMISCLO	001980D4	COBSMSGDEF	COBSIOEXCEPTION
COBS_OPTMISOPE	001980A4	COBSMSGDEF	COBSIOEXCEPTION
COBS_OPTMISREA	001980EC	COBSMSGDEF	COBSIOEXCEPTION
COBS_OPTMISSTA	00198154	COBSMSGDEF	COBSIOEXCEPTION
COBS_ORGNOTMAT	00198254	COBSMSGDEF	COBSIOEXCEPTION
COBS_PRIKEYCHA	001981CC	COBSMSGDEF	COBSIOEXCEPTION
COBS_REAINCOPE	00198114	COBSMSGDEF	COBSIOEXCEPTION
COBS_REAMP D R	001982EC	COBSMSGDEF	COBSIOEXCEPTION
COBS_REASMAMIN	001981E4	COBSMSGDEF	COBSIOEXCEPTION
COBS_REAUNOFIL	0019810C	COBSMSGDEF	COBSIOEXCEPTION
COBS_REACTPER	0019804C	COBSMSGDEF	COBS\$ERROR
COBS_REACTUSE	0019828C	COBSMSGDEF	COBS\$INVOKE_USE
COBS_RECLOCDEL	0019817C	COBSMSGDEF	COBSIOEXCEPTION
COBS_RECLOCREA	001980FC	COBSMSGDEF	COBSIOEXCEPTION
COBS_RECLOCREW	0019819C	COBSMSGDEF	COBSIOEXCEPTION
COBS_RECLOCSTA	0019815C	COBSMSGDEF	COBSIOEXCEPTION
COBS_RECLOCWRI	00198174	COBSMSGDEF	COBSIOEXCEPTION
COBS_RECLOC OK	00198104	COBSMSGDEF	COBSIOEXCEPTION
COBS_RECNOTEXI	0019814C	COBSMSGDEF	COBSIOEXCEPTION
COBS_RECNOTLOC	001982DC	COBSMSGDEF	COBSIOEXCEPTION
COBS_REWCREDUP	001981C4	COBSMSGDEF	COBSIOEXCEPTION
COBS_REWDISDUP	001981D4	COBSMSGDEF	COBSIOEXCEPTION
COBS_REWINCOPE	00198144	COBSMSGDEF	COBSIOEXCEPTION
COBS_REWNO R S	00198134	COBSMSGDEF	COBSIOEXCEPTION
COBS_REWSMAMIN	0019823C	COBSMSGDEF	COBSIOEXCEPTION
COBS_REWUNOFIL	0019813C	COBSMSGDEF	COBSIOEXCEPTION
COBS_SETEXTFAI	001982A4	COBSMSGDEF	COBS\$SET_SWITCH
COBS_STAINCOPE	0019816C	COBSMSGDEF	COBSIOEXCEPTION
COBS_STAUNOFIL	00198164	COBSMSGDEF	COBSIOEXCEPTION
COBS_SUBOVELON	0019806C	COBSMSGDEF	COBS\$ERROR
COBS_TIMOVELON	0019805C	COBSMSGDEF	COBS\$ERROR
COBS_UNDEF EXP	0019822C	COBSMSGDEF	COBS\$EXPI
COBS_UNEIN\$CON	0019807C	COBSMSGDEF	COBS\$ERROR
COBS_UNLNO CUR	001982E4	COBSMSGDEF	COBSIOEXCEPTION
COBS_UNLUNOFIL	001982D4	COBSMSGDEF	COBSIOEXCEPTION
COBS_USE_EXIT	00198284	COBSMSGDEF	COBS\$HANDLER COBS\$INVOKE_USE
COBS_WRIKEYBOU	0019811C	COBSMSGDEF	COBSIOEXCEPTION
COBS_WRICREDUP	001981AC	COBSMSGDEF	COBSIOEXCEPTION
COBS_WRIDISDUP	001981DC	COBSMSGDEF	COBSIOEXCEPTION
COBS_WRIDUPALT	001981BC	COBSMSGDEF	COBSIOEXCEPTION
COBS_WRIDUPKEY	001981A4	COBSMSGDEF	COBSIOEXCEPTION
COBS_WRIINCOPE	0019812C	COBSMSGDEF	COBSIOEXCEPTION
COBS_WRIINOTASC	001981B4	COBSMSGDEF	COBSIOEXCEPTION
COBS_WRISMAMIN	00198234	COBSMSGDEF	COBSIOEXCEPTION
COBS_WRIUNOFIL	00198124	COBSMSGDEF	COBSIOEXCEPTION
LIB\$AB_CVTTP_O	00006610-R	LIB\$AB_CVTTP_O	COBS\$DISPLAY
LIB\$AB_CVTTP_U	00006510-R	LIB\$AB_CVTTP_U	COBS\$DISPLAY
LIB\$AB_CVT_O_U	00006710-R	LIB\$AB_CVT_O_U	COBS\$DISPLAY
LIB\$FREE_EF	00007268-RX	LIBRTL	COBS\$ESCAPE_GENERATOR
LIB\$FREE_VM	00007278-RX	LIBRTL	COBS\$ACCEPT COBS\$DISPLAY

Symbol	Value	Defined By	Referenced By ...
LIB\$GET_EF	00007264-RX	LIBRTL	COB\$\$ESCAPE_GENERATOR
LIB\$GET_VM	0000727C-RX	LIBRTL	COB\$ACCEPT
LIB\$PUT_OUTPUT	0000726C-RX	LIBRTL	COB\$PAUSE
LIB\$SIGNAL	00007274-RX	LIBRTL	COB\$\$HANDLER
			COB\$DBEXCEPTION
			COB\$IOEXCEPTION
			COB\$\$HANDLER
LIB\$STOP	00007270-RX	LIBRTL	COB\$ACCECV
			COB\$CVTDQ R8
			COB\$CVTRDQ R8
			COB\$DBEXCEPTION
			COB\$ERROR
			COB\$INTARI
			COB\$IOEXCEPTION
			COB\$POS_ERASE
			COB\$ACCECV
			COB\$CVTRFQ R8
			COB\$ACCECV
OT\$SCVT_T_D	00007260-RX	LIBRTL	COB\$CVTDQ R8
OT\$SCVT_T_F	0000725C-RX	LIBRTL	COB\$INTER
OT\$FACILITY	00000017	OT\$MSGDEF	
OT\$FATINTERR	00178014	OT\$MSGDEF	COB\$\$INVOKE_USE
			COB\$CVTRDQ R8
			COB\$DBEXCEPTION
			COB\$IOEXCEPTION
OT\$INPCONERR	0017802C	OT\$MSGDEF	
OT\$INSVIRMEM	00178044	OT\$MSGDEF	
OT\$INTDATCOR	0017801C	OT\$MSGDEF	
OT\$INVSTRDES	0017800C	OT\$MSGDEF	
OT\$IO_CONCLO	00178024	OT\$MSGDEF	
OT\$OUTCONERR	00178034	OT\$MSGDEF	
OT\$STRIS_INT	0017803C	OT\$MSGDEF	
OT\$USEFLORES	00178400	OT\$MSGDEF	
OT\$WRONUMARG	0017804C	OT\$MSGDEF	
SMG\$KEYCODE_TO_NAME	00006C8A-R	SMG\$KEY_UTIL	
SMG\$NAME_TO_KEYCODE	00006C38-R	SMG\$KEY_UTIL	
SMG\$TERM_TO_KEYCODE	00006A5C-R	SMG\$KEY_UTIL	COB\$\$CONTROL_KEY
SMG_BATSTIPRO	00128019	SMG\$MSGDEF	
SMG_BATWASOFF	00128021	SMG\$MSGDEF	
SMG_BATWAS_ON	00128029	SMG\$MSGDEF	
SMG_DELEXIGBL	00129020	SMG\$MSGDEF	
SMG_DIALINNOT	0012829C	SMG\$MSGDEF	
SMG_EOF	00128402	SMG\$MSGDEF	
SMG_ERRAT_LIN	001282FC	SMG\$MSGDEF	
SMG_ERRLIN	00128304	SMG\$MSGDEF	
SMG_FACILITY	00000012	SMG\$MSGDEF	
SMG_FAIOPFIL	0012832C	SMG\$MSGDEF	
SMG_FATERRLIB	00128204	SMG\$MSGDEF	
SMG_FILTOOLON	00128264	SMG\$MSGDEF	
SMG_GBLNOTCRE	00129018	SMG\$MSGDEF	
SMG_GBLSECMAP	00128069	SMG\$MSGDEF	
SMG_ILLBATFNC	0012835C	SMG\$MSGDEF	
SMG_ILLVAL	001282EC	SMG\$MSGDEF	
SMG_INVARG	0012820C	SMG\$MSGDEF	

Symbol	Value	Defined By	Referenced By ...
SMGS_INVCOL	00128214	SMG\$MSGDEF	
SMGS_INVCOLARG	00128294	SMG\$MSGDEF	
SMGS_INVCTRL	001282E4	SMG\$MSGDEF	
SMGS_INVDEFATT	00128412	SMG\$MSGDEF	
SMGS_INVDIR	00128364	SMG\$MSGDEF	
SMGS_INVDIS_ID	0012821C	SMG\$MSGDEF	
SMGS_INVEXP	001282F4	SMG\$MSGDEF	
SMGS_INVKBD_ID	0012824C	SMG\$MSGDEF	
SMGS_INVKEYNAM	0012841A	SMG\$MSGDEF	SMG\$KEY_UTIL
SMGS_INVKTB_ID	00128254	SMG\$MSGDEF	
SMGS_INVMAXCEN	0012825C	SMG\$MSGDEF	
SMGS_INVPAGARG	0012828C	SMG\$MSGDEF	
SMGS_INVPAS_ID	00128224	SMG\$MSGDEF	
SMGS_INVREQCOD	0012828C	SMG\$MSGDEF	
SMGS_INVROW	0012822C	SMG\$MSGDEF	
SMGS_INVSTANAM	00128422	SMG\$MSGDEF	
SMGS_INVTERTAB	001282B4	SMG\$MSGDEF	
SMGS_INVWIDARG	00128284	SMG\$MSGDEF	
SMGS_KEYDEFPRO	0012840A	SMG\$MSGDEF	
SMGS_KEYNOTDEF	00129000	SMG\$MSGDEF	
SMGS_MISENDSTA	0012834C	SMG\$MSGDEF	
SMGS_MISFILSPE	0012831C	SMG\$MSGDEF	
SMGS_MISNAMREQ	00128354	SMG\$MSGDEF	
SMGS_MISTERNAM	001282DC	SMG\$MSGDEF	
SMGS_NOMOREKEYS	00129008	SMG\$MSGDEF	
SMGS_NORMAL	00128001	SMG\$MSGDEF	
SMGS_NOTBOOCAP	001282C4	SMG\$MSGDEF	
SMGS_NOTNUMCAP	0012833C	SMG\$MSGDEF	
SMGS_NOTPASTED	00128274	SMG\$MSGDEF	
SMGS_NOTRMSOUT	00128051	SMG\$MSGDEF	
SMGS_NOTSTRCAP	00128344	SMG\$MSGDEF	
SMGS_NOT_A TRM	00128039	SMG\$MSGDEF	
SMGS_NO_ARGS	00128334	SMG\$MSGDEF	
SMGS_NO_CHADIS	00128059	SMG\$MSGDEF	
SMGS_NO_MORMSG	00128041	SMG\$MSGDEF	
SMGS_PASALREXI	00128031	SMG\$MSGDEF	
SMGS_PBDIN USE	0012827C	SMG\$MSGDEF	
SMGS_PREDEFREP	00128011	SMG\$MSGDEF	
SMGS_PRISECMAP	00128061	SMG\$MSGDEF	
SMGS_PROTOOLON	0012826C	SMG\$MSGDEF	
SMGS_STRTERESC	00129010	SMG\$MSGDEF	
SMGS_SYNERR	001282CC	SMG\$MSGDEF	
SMGS_TABID MIS	001282A4	SMG\$MSGDEF	
SMGS_TOOMANDIS	00128234	SMG\$MSGDEF	
SMGS_TOOMANPAS	0012823C	SMG\$MSGDEF	
SMGS_TRMNOTANS	0012836C	SMG\$MSGDEF	
SMGS_UNDTERNAM	001282AC	SMG\$MSGDEF	
SMGS_UNDTERNOP	0012830C	SMG\$MSGDEF	
SMGS_UNDTERNOS	00128314	SMG\$MSGDEF	
SMGS_UNDTERTYP	001282D4	SMG\$MSGDEF	
SMGS_UNRECSTA	00128324	SMG\$MSGDEF	
SMGS_WILUSERMS	00128049	SMG\$MSGDEF	

<u>Symbol</u>	<u>Value</u>	<u>Defined By</u>	<u>Referenced By ...</u>
SMGS_WRONUMARG	00128244	SMGSMSGDEF	
STR\$COPY_R	00007248-RX	LIBRTL	COBSACCECV COBSDISPLAY COBSACCEPT
STR\$DUPL_CHAR	0000724C-RX	LIBRTL	COBSACCECV COBSDISPLAY COBSACCEPT
STR\$FREE1_DX	00007250-RX	LIBRTL	COBSACCECV COBSDISPLAY COBSACCEPT
STR\$GET1_DX	00007254-RX	LIBRTL	COBSACCECV COBSDISPLAY COBSACCEPT
SYSSASCTIM	7FFEDE48	SYSSP1_VECTOR	COBSACC_DATE COBSACC_TIME COBSACC_DAY COBSACCEPT
SYSSBINTIM	7FFEDE58	SYSSP1_VECTOR	COBSACC_DAY COBSACCEPT
SYSSCLI	7FFEDE18	SYSSP1_VECTOR	COBSPAUSE COBSACCEPT
SYSSCONNECT	7FFEE1C0	SYSSP1_VECTOR	COBSACCEPT COBSDISPLAY
SYSSCREATE	7FFEE1C8	SYSSP1_VECTOR	COBSDISPLAY COB\$SET_SWITCH
SYSSCRELOG	7FFEDEB0	SYSSP1_VECTOR	COBSACC_DAY COB\$ESCAPE_GENERATOR
SYSSFAO	7FFEDF50	SYSSP1_VECTOR	COBSACCEPT
SYSSFAOL	7FFEDF58	SYSSP1_VECTOR	COB\$ESCAPE_GENERATOR
SYSSGET	7FFEE180	SYSSP1_VECTOR	COBSACCEPT
SYSSGETDVI	7FFEE410	SYSSP1_VECTOR	COB\$ESCAPE_GENERATOR
SYSSGETTIM	7FFEDF78	SYSSP1_VECTOR	COBSACC_DAY COBSACCEPT
SYSSOPEN	7FFEE208	SYSSP1_VECTOR	COBSACCEPT
SYSSPUT	7FFEE188	SYSSP1_VECTOR	COBSACCEPT COBSLINAGE COBSACCEPT
SYSSTRNLOG	7FFEE058	SYSSP1_VECTOR	COBSACCEPT COB\$SET_SWITCH COB\$SHANDLER
SYSSUNWIND	7FFEE070	SYSSP1_VECTOR	COBSACCEPT
SYSSWAIT	7FFEE1A8	SYSSP1_VECTOR	COBSACCEPT COB\$POS_ERASE COBSACCEPT
SYSSWAITFR	7FFEE078	SYSSP1_VECTOR	COB\$ESCAPE_GENERATOR

! Symbols By Value !

Value	Symbols...
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00000000	R-COB\$HANDLER
00000012	SMG\$_FACILITY
00000017	OTSS_FACILITY
00000019	COB\$_FACILITY
000007AC	R-COB\$TOEXCEPTION
00000804	R-COB\$\$INVOKE USE
00000864	R-COB\$\$HANDLER
00000CAC	R-COB\$DBEXCEPTION
00000D9C	R-COB\$ERROR
00000EF2	R-COB\$SUBI
00000F08	R-COB\$ADDI
0000100B	R-COB\$MULI
0000106B	R-COB\$DIVI_OSE
00001072	R-COB\$DIVI
00001115	R-COB\$CMPI
00001342	R-COB\$CVTWI_R8
00001354	R-COB\$CVTLI_R8
00001363	R-COB\$CVTQI_R8
000013C7	R-COB\$CVTFI_R7
00001417	R-COB\$CVTDI_R7
00001467	R-COB\$CVTPI_R9
000014BA	R-COB\$CVTIW_R8
00001516	R-COB\$CVTRIQ_R8
00001572	R-COB\$CVTIL_R8
000015CB	R-COB\$CVTRIC_R8
00001624	R-COB\$CVTIQ_R8
000016A4	R-COB\$CVTRIQ_R8
00001724	R-COB\$CVTIF_R7
000017A6	R-COB\$CVTID_R7
00001826	R-COB\$CVTIP_R9
00001870	R-COB\$CVTRIP_R9
0000188A	R-COB\$CVTTI_R8
00001990	R-COB\$ACC_DATE
000019F0	R-COB\$ACC_DAY
00001AB0	R-COB\$ACC_DAYWEEK
00001AEC	R-COB\$ACC_TIME
00001B2C	R-COB\$\$ACC_CONVERT
000027A0	R-COB\$ACCEPT
000028EC	R-COB\$ACC_SCR
000031FF	R-COB\$\$OPEN_IN
00003AB4	R-COB\$CVTDQ_R8
00003B48	R-COB\$CVTFQ_R8
00003BD6	R-COB\$CVTQD_R8
00003C4A	R-COB\$CVTQF_R8
00003CC4	R-COB\$CVTRDQ_R8
00003D58	R-COB\$CVTRFQ_R8
00003ECC	R-COB\$DISPLAY
00003EE2	R-COB\$DISP_NO_ADV
00003EF7	R-COB\$DISP_SCR

Value	Symbols...
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00003F0D	R-COB\$DISP_SCR_NO_ADV
00004063	R-COB\$\$OPEN_OUT
00004C23	R-COB\$\$FREE_STRINGS
00004C46	R-COB\$\$RET_A_AB_PREV
00004C50	R-COB\$DIVQ_RB
000052BD	R-COB\$EXPI_OSE
000052C4	R-COB\$EXPI
00005710	R-COB\$LINAGE
000057DD	R-COB\$INIT_LINAGE
0000585F	R-COB\$TERM_LINAGE
00005894	R-COB\$MULQ_RB
000058BC	R-COB\$PAUSE
000058DC	R-COB\$POS_ACCEPT
00005972	R-COB\$POS_DISPLAY
000059EF	R-COB\$POS_ERASE
00005C08	R-COB\$SET_SWITCH
00005CFC	R-COB\$SWITCH
00005D80	R-COB\$CVTPQ_R9
00005DC6	R-COB\$CVTQP_R9
00005E20	R-COB\$CVTRPQ_R9
00005E66	R-COB\$CVTRQP_R9
00005EBE	R-COB\$\$DOWN_SCROLL_R2
00005EFF	R-COB\$\$ERASE_LINE_R2
00005F43	R-COB\$\$ERASE_PAGE_R2
00005F88	R-COB\$\$ERASE_WHOLE_LINE_R2
00005FD0	R-COB\$\$ERASE_WHOLE_PAGE_R2
00006020	R-COB\$\$SET_ATTRIBUTES
00006098	R-COB\$\$SET_ATTRIBUTES_ONLY
00006102	R-COB\$\$SET_CURSOR_ABS_R4
000061DA	R-COB\$\$SET_CURSOR_REL
000063D0	R-COB\$\$SETOP_TERM_TYPE
000064E6	R-COB\$\$UP_SCROLL_R2
00006510	R-LIB\$AB_CVTTP_U
00006610	R-LIB\$AB_CVTTP_O
00006710	R-LIB\$AB_CVT_O_U
00006938	R-COB\$\$CONTROL_KEY
00006A5C	R-SMG\$\$TERM_TO_KEYCODE
00006C38	R-SMG\$\$NAME_TO_KEYCODE
00006C8A	R-SMG\$\$KEYCODE_TO_NAME
00006E00	R-ACC_SCR
00006E58	R-COB\$\$AL_WRITE_RAB
00006E74	R-COB\$\$AW_WRITE_IFI
00006E84	R-COB\$\$AB_USPCODE
00006E88	R-COB\$\$AB_PREV
00006E90	R-COB\$TERM_TYPE
00006E94	R-COB\$ACC_TERM_TYPE
00007248	RX-STR\$COPY_R
0000724C	RX-STR\$DUPL_CHAR
00007250	RX-STR\$FREET_DX
00007254	RX-STR\$GET1_DX
00007258	RX-COB\$CNVOUT
0000725C	RX-OT\$SCVT_T_F

Value	Symbols...
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00007260	RX-OTSS%CVT_I_D
00007264	RX-LIB\$GET_EF
00007268	RX-LIB\$FREE_EF
0000726C	RX-LIB\$PUT_OUTPUT
00007270	RX-LIB\$STOP
00007274	RX-LIB\$SIGNAL
00007278	RX-LIB\$FREE_VM
0000727C	RX-LIB\$GET_VM
00128001	SMGS_NORMAL
00128011	SMGS_PREDEFREP
00128019	SMGS_BATSTIPRO
00128021	SMGS_BATWASOFF
00128029	SMGS_BATWAS_ON
00128031	SMGS_PASALREXI
00128039	SMGS_NOT_A_TRM
00128041	SMGS_NO_MORMSG
00128049	SMGS_WICUSERMS
00128051	SMGS_NOTRMSOUT
00128059	SMGS_NO_CHADIS
00128061	SMGS_PRISECMAP
00128069	SMGS_GBLSECMAP
00128204	SMGS_FATERRLIB
0012820C	SMGS_INVARG
00128214	SMGS_INVCOL
0012821C	SMGS_INVDIS_ID
00128224	SMGS_INVPAS_ID
0012822C	SMGS_INVROW
00128234	SMGS_TOOMANDIS
0012823C	SMGS_TOOMANPAS
00128244	SMGS_WRONUMARG
0012824C	SMGS_INVKBD_ID
00128254	SMGS_INVKTB_ID
0012825C	SMGS_INVMAXLEN
00128264	SMGS_FILTPOOLON
0012826C	SMGS_PROTPOOLON
00128274	SMGS_NOTPASTED
0012827C	SMGS_PBDIN_USE
00128284	SMGS_INVWIDARG
0012828C	SMGS_INVPAGARG
00128294	SMGS_INVCOLARG
0012829C	SMGS_DIALINNOT
001282A4	SMGS_TABID_MIS
001282AC	SMGS_UNDTERNAM
001282B4	SMGS_INVTERTAB
001282BC	SMGS_INVREQCOD
001282C4	SMGS_NOTBOOCAP
001282CC	SMGS_SYNERR
001282D4	SMGS_UNDTERTYP
001282DC	SMGS_MISTERNAM
001282E4	SMGS_IN/CTRL
001282EC	SMGS_ILLVAL
001282F4	SMGS_INVEXP

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Value	Symbols...
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001282FC	SMGS_ERRAT_LIN
00128304	SMGS_ERRLIN
0012830C	SMGS_UNDTERNOP
00128314	SMGS_UNDTERNOS
0012831C	SMGS_MISFILSPE
00128324	SMGS_UNRECSTA
0012832C	SMGS_FAIOPEFIL
00128334	SMGS_NO_ARGS
0012833C	SMGS_NOTNUMCAP
00128344	SMGS_NOTSTRCAP
0012834C	SMGS_MISENDSTA
00128354	SMGS_MISNAMREQ
0012835C	SMGS_ILLBATFNC
00128364	SMGS_INVDIR
0012836C	SMGS_TRMNOTANS
00128402	SMGS_EOF
0012840A	SMGS_KEYDEFPRO
00128412	SMGS_INVDEFATT
0012841A	SMGS_INVKEYNAM
00128422	SMGS_INVSTANAM
00129000	SMGS_KEYNOTDEF
00129008	SMGS_NOMOREKEYS
00129010	SMGS_STRTERESC
00129018	SMGS_GBLNOTCRE
00129020	SMGS_DELEXIGBL
0017800C	OTSS_INVSTRDES
00178014	OTSS_FATINTERR
0017801C	OTSS_INTDATCOR
00178024	OTSS_IO_CONCLO
0017802C	OTSS_INPCONERR
00178034	OTSS_OUTCONERR
0017803C	OTSS_STRIS_INT
00178044	OTSS_INSVIRMEM
0017804C	OTSS_WRONUMARG
00178400	OTSS_USEFLORES
00198001	COBS_NORMAL
00198044	COBS_GOTO_ALT
0019804C	COBS_RECACTPER
00198054	COBS_NESERRPER
0019805C	COBS_TIMOVOLON
00198064	COBS_OCCDEPOVE
0019806C	COBS_SUBOVOLON
00198074	COBS_ERRDURSOR
0019807C	COBS_UNEINSCON
00198084	COBS_CALFAI
0019808C	COBS_INVLINVAL
00198094	COBS_NO_USEPRO
0019809C	COBS_ERRON_FIL
001980A4	COBS_OPTMISOPE
001980AC	COBS_FILALRLOC
001980B4	COBS_FILALROPE
001980BC	COBS_FILCLOLOC

Value	Symbols...
001980C4	COBS_NO_SPACE
001980CC	COBS_FICNOTFOU
001980D4	COBS_OPTMISCLO
001980DC	COBS_FILALRCLO
001980E4	COBS_NO_NEXLOG
001980EC	COBS_OPTMISREA
001980F4	COBS_NO_NEXVAL
001980FC	COBS_RECLOCREA
00198104	COBS_RECLOC_OK
0019810C	COBS_REAUNOFIL
00198114	COBS_REAINCOPE
0019811C	COBS_WRIBEYBOU
00198124	COBS_WRIUNOFIL
0019812C	COBS_WRIINCOPE
00198134	COBS_REWNO_R_S
0019813C	COBS_REWUNDFIL
00198144	COBS_REWINCOPE
0019814C	COBS_RECNOTEXI
00198154	COBS_OPTMISSTA
0019815C	COBS_RECLOCSTA
00198164	COBS_STAUNOFIL
0019816C	COBS_STAINCOPE
00198174	COBS_RECLOCWRI
0019817C	COBS_RECLOCDEL
00198184	COBS_DELNO_R_S
0019818C	COBS_DELUNDFIL
00198194	COBS_DELINCOPE
0019819C	COBS_RECLOCREW
001981A4	COBS_WRIDUPKEY
001981AC	COBS_WRICREDUP
001981B4	COBS_WRIINOTASC
001981BC	COBS_WRIDUPALT
001981C4	COBS_REWCREDUP
001981CC	COBS_PRIKEYCHA
001981D4	COBS_REWDISDUP
001981DC	COBS_WRIDISDUP
001981E4	COBS_REASMAMIN
001981EC	COBS_EOFON_ACC
001981F4	COBS_ERRDURACC
001981FC	COBS_DISMORMAX
00198204	COBS_INTEXPVE
0019820C	COBS_INTEXPUND
00198214	COBS_INTRESOPE
0019821C	COBS_INTDIVZER
00198224	COBS_INVDECDIG
0019822C	COBS_UNDEF_EXP
00198234	COBS_WRISMAMIN
0019823C	COBS_REWSMAMIN
00198244	COBS_NAMNOTLIN
0019824C	COBS_INVCHANAM
00198254	COBS_ORGNOTMAT
0019825C	COBS_CANFAIL

Value	Symbols...
00198264	COB\$_INVARG
0019826C	COB\$_FAIGET VM
00198274	COB\$_FAIFREEVM
0019827C	COB\$_ERRDURDIS
00198284	COB\$_USE_EXIT
0019828C	COB\$_REACTUSE
00198294	COB\$_FATINTERR
0019829C	COB\$_FAIGET EF
001982A4	COB\$_SETEXTFAI
001982AC	COB\$_INVDECDAT
001982B4	COB\$_LSTHNDUSE
001982BC	COB\$_LSTHNDLDB
001982C4	COB\$_EXPDBOVER
001982CC	COB\$_KEYNOTMAT
001982D4	COB\$_UNLUNOFIL
001982DC	COB\$_RECNOTLOC
001982E4	COB\$_UNLNO_CUR
001982EC	COB\$_REAMP_D R
001982F4	COB\$_ERRDU9POS
001982FC	COB\$_INVDEFVAL
7FFFEDE18	SYSS\$LI
7FFFEDE48	SYSS\$ASCTIM
7FFFEDE58	SYSS\$BINTIM
7FFFEDEB0	SYSS\$CRELOG
7FFFEDF50	SYSS\$FAO
7FFFEDF58	SYSS\$FAOL
7FFFEDF78	SYSS\$GETTIM
7FFFEE058	SYSS\$TRNLOG
7FFFEE070	SYSS\$UNWIND
7FFFEE078	SYSS\$WAITFR
7FFFEE180	SYSS\$GET
7FFFEE188	SYSS\$PUT
7FFFEE1A8	SYSS\$WAIT
7FFFEE1C0	SYSS\$CONNECT
7FFFEE1C8	SYSS\$CREATE
7FFFEE208	SYSS\$OPEN
7FFFEE410	SYSS\$GETDVI

Key for special characters above:

```

+-----+
| * - Undefined |
| U - Universal  |
| R - Relocatable|
| X - External   |
+-----+

```

! Image Synopsis !

Virtual memory allocated: 00000000 000073FF 00007400 (29696. bytes, 58. pages)
 Stack size: 0. pages
 Image header virtual block limits: 1. (1. block)
 Image binary virtual block limits: 2. 59. (58. blocks)
 Image name and identification: COBRTL V04-000
 Number of files: 7.
 Number of modules: 45.
 Number of program sections: 13.
 Number of global symbols: 525.
 Number of cross references: 636.
 Number of image sections: 6.
 Number of code references to shareable images: 14.
 Image type: PIC, SHAREABLE. Global Section Match=LESS/EQUAL, Ident, Major=1, Minor=10
 Map format: FULL WITH CROSS REFERENCE in file _S255\$DUA28:[COBRTL.LIS]COBRTL.MAP;1
 Estimated map length: 139. blocks

! Link Run Statistics !

Performance Indicators	Page Faults	CPU Time	Elapsed Time
Command processing:	113	00:00:01.23	00:00:03.75
Pass 1:	228	00:00:02.79	00:00:50.59
Allocation/Relocation:	18	00:00:00.23	00:00:00.84
Pass 2:	76	00:00:02.17	00:00:54.04
Map data after object module synopsis:	8	00:00:02.09	00:00:02.37
Symbol table output:	0	00:00:00.06	00:00:00.45
Total run values:	443	00:00:08.57	00:01:52.04

Using a working set limited to 1350 pages and 118 pages of data storage (excluding image)

Total number object records read (both passes): 1353
of which 651 were in libraries and 2 were DEBUG data records containing 48 bytes

Number of modules extracted explicitly = 43
with 0 extracted to resolve undefined symbols

0 library searches were for symbols not in the library searched

A total of 7 global symbol table records was written

LINK/NOSYSLIB/SHARE=EXES:COBRTL/MAP=MAPS:COBRTL/FULL/CROSS COMS:COBRTLLNK/OPTIONS

! COBRTLLNK.OPT - Linker options file for building COBRTL.EXE

- ! 1-001 - Original. SBL 29-Oct-1982
- ! 1-002 - Add NAME and IDENT statements. SBL 11-May-1983
- ! 1-003 - Add entry for COB\$POS_ERASE and SMG\$\$ESCAPE_GENERATOR.
LEB 20-May-1983
- ! 1-004 - Added entries for all remaining COBOL code that could
be added to the shared image. LEB 23-May-1983
- ! 1-005 - No longer need to pull in OTSS\$CNVOUT - it is now shared

- in LIBRTL. LEB 23-May-1983
- 1-006 - Don't need COB\$\$RESTVA. LEB 24-May-1983
- 1-007 - Add in OT\$\$MSGDEF,LIB\$AB_CVTTP_U,LIB\$AB_CVTTP_O,LIB\$AB_CVT_O_U
LEB 25-May-1983.
- 1-008 - change ref to RTL.OLB to be COBRTL.OLB. refer to IMAGELIB in
SYSS\$LIBRARY. pick modules out of other OLB's as necessary.
MDL 15-Aug-1983
- 1-009 - add COB\$\$ONTROL KEY and SMG\$\$KEY_UTIL. MDL 25-Aug-1983
- 1-010 - add SMG\$MSGDEF, COB\$ACCEPT references it. MDL 26-Aug-1983
- 1-011 - add COB\$ACCECV, rename SMG\$\$ESCAPE_GENERATOR to
COB\$\$ESCAPE_GENERATOR. LGB 17-Feb-1984

Specify image name and ident. Note that this is not the same as the global section ident given with GSMATCH. IDENT should change each time COBRTL changes in a released version, such as a maintenance update. GSMATCH should change only when the vector is modified in an incompatible (backwards) fashion.

NAME=COBRTL
IDENT='V04-000'

Specify the order of the PSECTs. The vector comes first.

COLLECT=CLUSTER1,\$COB\$VECTOR, COB\$CODE, SMG\$CODE, _LIB\$CODE
COLLECT=CLUSTER2, _COB\$DATA, _SMG\$DATA, _LIB\$DATA

Specify modules to be included. The first must be COBVECTOR.

OBJ\$:COBVECTOR,LIB\$:COBRTL/INCLUDE=(-

- COB\$IOEXCEPTION,-
- COB\$\$INVOKE USE,-
- COB\$\$HANDLER,-
- COB\$DBEXCEPTION,-
- COB\$ERROR,-
- COB\$INTARI,-
- COB\$INTER,-
- COB\$ACC_DATE,-
- COB\$ACC_DAY,-
- COB\$ACC_DAYWEEK,-
- COB\$ACC_TIME,-
- COB\$ACCECV,-
- COB\$ACCEPT,-
- COB\$CVTDQ_R8,-
- COB\$CVTFQ_R8,-
- COB\$CVTQD_R8,-
- COB\$CVTQF_R8,-
- COB\$CVTRDQ_R8,-
- COB\$CVTRFQ_R8,-
- COB\$DISPLAY,-
- COB\$DIVQ_R8,-

COB\$EXPI -
COB\$LINAGE -
COB\$MULQ R8,-
COB\$PAUSE -
COB\$POS_ERASE,-
COB\$SET_SWITCH,-
COB\$SWITCH,-
COB\$CVTPQ_R9,-
COB\$CVTQP_R9,-
COB\$CVTRPQ_R9,-
COB\$CVTRQP_R9,-
COB\$\$CONTROL_KEY,-
COB\$\$ESCAPE_GENERATOR,-
COB\$MSGDEF)

RESOBJ\$:LIBRTL.OLB/INCLUDE=(-

LIB\$AB_CVTP_U,-
LIB\$AB_CVTP_O,-
LIB\$AB_CVT_O_U,-
OT\$\$MSGDEF)

RESOBJ\$:SMGRTL.OLB/INCLUDE=(-

SMG\$\$KEY_UTIL,-
SMG\$MSGDEF)

SYSS\$LIBRARY:STARLET/INCLUDE=(SYSS\$P1_VECTOR,SYSS\$SDEF)
SYSS\$LIBRARY:IMAGELIB/LIBRARY

! Set global section match values

GSMATCH=LEQUAL,1,10

TYPMAIN
LIS

COBPROLOG
REQ

COBACCDAT
LIS

COBACCDWK
LIS

UNLOCK
LIS

UTILSUBS
LIS

INTPAR
SDL

COBDEF
REQ

COBACCDAY
LIS

COBACCUCU
LIS

COBRTL

COBLNK
REQ

COBRTL
MAP