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LL      BBBB8888  RRRRRRRR  MM      MM  SSSSSSSS  GGGGGGGG
LL      BBBB8888  RRRRRRRR  MM      MM  SSSSSSSS  GGGGGGGG
LL      BB      BB  RR      RR  MMMM  MMMM  SS      GG
LL      BB      BB  RR      RR  MMMM  MMMM  SS      GG
LL      BB      BB  RR      RR  MM  MM  SS      GG
LL      BB      BB  RR      RR  MM  MM  SS      GG
LL      BBBB8888  RRRRRRRR  MM      MM  SSSSSS   GG
LL      BBBB8888  RRRRRRRR  MM      MM  SSSSSS   GG
LL      BB      BB  RR  RR  MM      MM      SS  GG  GGGGGG
LL      BB      BB  RR  RR  MM      MM      SS  GG  GGGGGG
LL      BB      BB  RR      RR  MM      MM      SS  GG      GG
LL      BB      BB  RR      RR  MM      MM      SS  GG      GG
LLLLLLLLLLL BBBB8888  RR      RR  MM      MM  SSSSSSSS  GGGGGG  ....
LLLLLLLLLLL BBBB8888  RR      RR  MM      MM  SSSSSSSS  GGGGGG  ....

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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      II      SS
LLLLLLLLLLL IIIIII  SSSSSSSS
LLLLLLLLLLL IIIIII  SSSSSSSS

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Version: 'V04-000'

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MODIFIED BY:

V02-009	RPG0009	Bob Grosso	15-Apr-1982
	Add message to tell lbr\$output_help to interrupt its printing of help on the particular topic.		
V02-008	PCG0003	Peter George	23-Nov-1981
	Add message lbr\$_nohlplibs.		
V02-007	PCG0002	Peter George	09-Sep-1981
	Add message lbr\$_usrinperr.		
V02-006	RPG0025	Bob Grosso	16-Jul-1981
	Add message lbr\$_errclose.		
V02-005	RPG0024	Bob Grosso	12-Jun-1981
	Add messages for history		
V02-004	PCG0001	Peter George	07-May-1981
	Add error messages for LBR\$OUTPUT_HELP.		
V02-003	RPG0023	Bob Grosso	20-Mar-1981
	Place new messages at end		
V02-002	RPG0021	Bob Grosso	27-Feb-1981
	Add message code to signal internal code error.		
V02-001	RPG0014	Bob Grosso	30-Jan-1981
	Add messages codes for lbr\$flush lbr\$_badparam and lbr\$_writeerr		

```

57
58 +++
59
60 Return status codes for Librarian
61
62 *****
63 *
64 * Any changes here must be reflected in [lbr.com]lbrshrlnk.com *
65 *
66 *****
67 ---
68
69
70
71 Success codes (Severity level 1)
72
73 0000026 .FACILITY LBR,38 /SYSTEM /MACRO=$LBRMSG
74 .SEVERITY SUCCESS
75 .BASE 0
76
77 00268001 NORMAL <success>
78 00268009 KEYINDEX <key already in index>
79 00268011 KEYINS <key being inserted>
80 00268019 OLDLIBRARY <old format library opened>
81
82
83
84 Informational codes (Severity level 3)
85
86 .SEVERITY INFORMATIONAL
87 .BASE 128
88
89 00268403 NOHISTORY <library has no update history>
90 00268408 EMPTYHIST <library update history is empty>
91
92 Warning codes
93
94
95 .SEVERITY WARNING
96 .BASE 256
97
98 00268800 HDRTRUNC <header truncated>
99 00268808 NOUPDHIST <no update history found>
100 00268810 NULIDX <index is empty>
101 00268818 OLDMISMCH <old format library type mismatch>
102 00268820 RECTRUNC <record truncated>
103 00268828 STILLKEYS <keys still point at data>
104 00268830 TYPMISMCH <library type mismatch>
105 00268838 NOMTCHFOU <no match found>
106 00268840 ERRCLOSE <Error occurred during a previous write to library>
107 00268848 ENDTOPIC <Request LBR$OUTPUT_HELP terminate printing>
108
109
110 Error codes (Severity level 2)
111
112
113 .SEVERITY ERROR

```

	114	.BASE	512
	115		
00269002	116	ALLWRNGBLK	<wrong block allocated. Submit SPR>
0026900A	117	DUPKEY	<duplicate key in index>
00269012	118	ILLCTL	<illegal control index>
0026901A	119	ILLCREOPT	<illegal create options>
00269022	120	ILLIDXNUM	<illegal index number>
0026902A	121	ILLFMT	<illegal library format>
00269032	122	ILLFUNC	<illegal library function>
0026903A	123	ILLOP	<illegal operation for access requested>
00269042	124	ILLTYP	<illegal library type>
0026904A	125	INVKEY	<invalid key>
00269052	126	INVNAM	<invalid NAM block>
0026905A	127	INVRFA	<invalid RFA>
00269062	128	KEYNOTFND	<key not found>
0026906A	129	LIBNOTOPN	<library not open>
00269072	130	LKPNOTDON	<lookup has not been done>
0026907A	131	LIBOPN	<library already open>
00269082	132	NOFILNAM	<no file specification found>
0026908A	133	NOHLPTXT	<help text not found>
00269092	134	NOTHLPLIB	<not a HELP library>
0026909A	135	RECLNG	<illegal record length>
002690A2	136	REFCNTZERO	<module reference count zero>
002690AA	137	RFAPASTEOP	<VBN in map block request past EOF. Submit SPR>
002690B2	138	TOOMNYLIB	<too many libraries open>
002690BA	139	UPDURTRAV	<index update during traverse illegal>
002690C2	140	BADPARAM	<bad parameter>
002690CA	141	INTRNLERR	<LBR internal error. Please submit SPR>
002690D2	142	WRITEERR	<error writing library>
002690DA	143	ILLOUTROU	<output routine improperly specified or missing>
002690E2	144	ILLOUTWID	<output width improperly specified or missing>
002690EA	145	ILLINROU	<input routine improperly specified or missing>
002690F2	146	TOOMNYARG	<too many arguments>
002690FA	147	USRINPERR	<user input routine returned error status>
00269102	148	NOHLPLIBS	<no default help libraries can be opened>
	149		
	150	.END	

There were 0 errors, 0 warnings, and 0 informational messages issued.
 MESSAGE/NOTEXT/LIS=LIS\$:LBRMSG/OBJ=OBJ\$:LBRMSG MSRC\$:LBRMSG

OLDLIB
LIS

OPENCLOSE
LIS

OUTPUTLP
LIS

LBRMSG
LIS