```
MMM       MMM   OOOOOOOO    NNN          NNN   TTTTTTTTTTTTTTT        OOOOOOOO     RRRRRRRRRRRR
MMM       MMM   OOOOOOOO    NNN          NNN   TTTTTTTTTTTTTTT        OOOOOOOO     RRRRRRRRRRRR
MMM       MMM   OOOOOOOO    NNN          NNN   TTTTTTTTTTTTTTT        OOOOOOOO     RRRRRRRRRRRR
MMMMM   MMMMM   OOO    OOO  NNN          NNN         TTT         OOO       OOO     RRR        RRR
MMMMMM MMMMMM   OOO    OOO  NNN          NNN         TTT         OOO       OOO     RRR        RRR
MMMMMM MMMMMM   OOO    OOO  NNN          NNN         TTT         OOO       OOO     RRR        RRR
MMM MMM MMM     OOO    OOO  NNNNNN       NNN         TTT         OOO       OOO     RRR        RRR
MMM MMM MMM     OOO    OOO  NNNNNN       NNN         TTT         OOO       OOO     RRR        RRR
MMM  MMM MMM    OOO    OOO  NNN  NNN     NNN         TTT         OOO       OOO     RRRRRRRRRRRR
MMM     MMM     OOO    OOO  NNN   NNN    NNN         TTT         OOO       OOO     RRRRRRRRRRRR
MMM     MMM     OOO    OOO  NNN    NNN   NNN         TTT         OOO       OOO     RRRRRRRRRRRR
MMM     MMM     OOO    OOO  NNN     NNNNNN           TTT         OOO       OOO     RRR    RRR
MMM     MMM     OOO    OOO  NNN      NNNNNN          TTT         OOO       OOO     RRR     RRR
MMM     MMM     OOO    OOO  NNN       NNNNNN         TTT         OOO       OOO     RRR      RRR
MMM     MMM     OOO    OOO  NNN          NNN         TTT         OOO       OOO     RRR       RRR
MMM     MMM     OOO    OOO  NNN          NNN         TTT         OOO       OOO     RRR        RRR
MMM     MMM       OOOOOOOO  NNN          NNN         TTT           OOOOOOOO        RRR        RRR
MMM     MMM       OOOOOOOO  NNN          NNN         TTT           OOOOOOOO        RRR        RRR
MMM     MMM       OOOOOOOO  NNN          NNN         TTT           OOOOOOOO        RRR        RRR
```

```
MM      MM    000000    NN      NN   SSSSSSSS  UU      UU  BBBBBBBB
MM      MM    000000    NN      NN   SSSSSSSS  UU      UU  BBBBBBBB
MMMM  MMMM   00    00   NN      NN   SS        UU      UU  BB    BB
MMMM  MMMM   00    00   NN      NN   SS        UU      UU  BB    BB
MM  MM  MM   00    00   NNNN    NN   SS        UU      UU  BB    BB
MM  MM  MM   00    00   NNNN    NN   SS        UU      UU  BB    BB
MM      MM   00    00   NN  NN  NN   SSSSSS    UU      UU  BBBBBBBB
MM      MM   00    00   NN  NN  NN   SSSSSS    UU      UU  BBBBBBBB
MM      MM   00    00   NN    NNNN        SS   UU      UU  BB    BB
MM      MM   00    00   NN    NNNN        SS   UU      UU  BB    BB
MM      MM   00    00   NN      NN        SS   UU      UU  BB    BB
MM      MM   00           NN    NN        SS   UU      UU  BB    BB
MM      MM   000000    NN      NN   SSSSSSSS  UUUUUUUUUU  BBBBBBBB
MM      MM   000000    NN      NN   SSSSSSSS  UUUUUUUUUU  BBBBBBBB


LL             IIIIII    SSSSSSSS
LL             IIIIII    SSSSSSSS
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
LLLLLLLLLL     IIIIII    SSSSSSSS
LLLLLLLLLL     IIIIII    SSSSSSSS
```

```
 1  !
 2  ! Version:     'V04-000'
 3  !
 4  !*******************************************************************
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23  !*                                                                *
24  !*                                                                *
25  !*******************************************************************
26  !
27  !
28  !
29  ! MODIFIED BY:
30  !
31  !     V03-005 PRS1011        Paul R. Senn          29-Feb-1984      14:00
32  !             add /FLUSH_INTERVAL qualifier
33  !
34  !     V03-004 TLC1052        Thomas L. Cafarella   17-Feb-1984      11:00
35  !             Add /BY_NODE qualifier and change /INPUT to accept
36  !             a list (in support of multi-file summary capability).
37  !
38  !     V03-003 SPC0007        Stephen P. Carney     24-Jun-1983      16:00
39  !             Add EXECUTE subcommand.
40  !
41  !     V03-002 TLC1042        Thomas L. Cafarella   19-Jun-1983      15:00
42  !             Add /ITEM qualifier for homogeneous classes.
43  !
44  !     V03-001 TLC1031        Thomas L. Cafarella   25-Apr-1983      16:00
45  !             Identify routine name for SET command.
46  !
47  !
48
49  module                 MONSUB
50
51  define      verb       MONITOR
52       routine    MONITOR_CMD
53       parameter  P1,        label=CLASS_NAME,
54                             value (list)
55       qualifier  BEGINNING, nonnegatable,
56                             value
```

```
57          qualifier  ENDING,        nonnegatable,
58                                    value
59          qualifier  INTERVAL,      nonnegatable,
60                                    value
61          qualifier  FLUSH_INTERVAL,        nonnegatable,
62                                    value
63          qualifier  VIEWING_TIME,  nonnegatable,
64                                    value
65          qualifier  INPUT,         value (list)
66          qualifier  DISPLAY,       value, default
67          qualifier  RECORD,        value
68          qualifier  SUMMARY,       value
69          qualifier  COMMENT,       value
70          qualifier  BY_NODE
71
72          qualifier  ALL,           nonnegatable, placement=local
73          qualifier  CURRENT,       nonnegatable, placement=local
74          qualifier  AVERAGE,       nonnegatable, placement=local
75          qualifier  MINIMUM,       nonnegatable, placement=local
76          qualifier  MAXIMUM,       nonnegatable, placement=local
77
78          qualifier  TOPCPU,        nonnegatable, placement=local
79          qualifier  TOPDIO,        nonnegatable, placement=local
80          qualifier  TOPBIO,        nonnegatable, placement=local
81          qualifier  TOPFAULT,      nonnegatable, placement=local
82
83          qualifier  CPU,           placement=local
84
85          qualifier  PERCENT,       placement=local
86
87          qualifier  ITEM,          nonnegatable, placement=local
88                                    value (list)
89
90   define  syntax      SET_DEFAULT_SYNTAX
91          routine    SET_CMD
92          parameter  P1,            label=DEFAULT_KEYWORD,
93                                    value(required)
94          parameter  P2,            label=CLASS_NAME,
95                                    value (list)
96          qualifier  BEGINNING,     nonnegatable,
97                                    value
98          qualifier  ENDING,        nonnegatable,
99                                    value
100         qualifier  INTERVAL,      nonnegatable,
101                                   value
102         qualifier  FLUSH_INTERVAL,        nonnegatable,
103                                   value
104         qualifier  VIEWING_TIME,  nonnegatable,
105                                   value
106         qualifier  INPUT,         value (list)
107         qualifier  DISPLAY,       value, default
108         qualifier  RECORD,        value
109         qualifier  SUMMARY,       value
110         qualifier  COMMENT,       value
111         qualifier  BY_NODE
112
```

```
113        qualifier  ALL,          nonnegatable, placement=local
114        qualifier  CURRENT,      nonnegatable, placement=local
115        qualifier  AVERAGE,      nonnegatable, placement=local
116        qualifier  MINIMUM,      nonnegatable, placement=local
117        qualifier  MAXIMUM,      nonnegatable, placement=local
118
119        qualifier  TOPCPU,       nonnegatable, placement=local
120        qualifier  TOPDIO,       nonnegatable, placement=local
121        qualifier  TOPBIO,       nonnegatable, placement=local
122        qualifier  TOPFAULT,     nonnegatable, placement=local
123
124        qualifier  CPU,          placement=local
125
126        qualifier  PERCENT,      placement=local
127
128        qualifier  ITEM,         nonnegatable, placement=local
129                                 value (list)
130
131  define  type      SET_OPTIONS
132        keyword    DEFAULT,      syntax=SET_DEFAULT_SYNTAX
133
134  define  type      SHOW_OPTIONS
135        keyword    DEFAULT
136
137  define verb      SET
138        routine    SET_CMD
139        parameter P1,           label=SET_PARAMETER,
140                                value(required,type=SET_OPTIONS)
141
142  define     verb      INITIALIZE
143        routine    INIT_CMD
144
145  define     verb      SHOW
146        routine    SHODEF_CMD
147        parameter P1,           label=SHOW_PARAMETER,
148                                value(default=DEFAULT,type=SHOW_OPTIONS)
149
150  define     verb      HELP
151        routine    HELP_CMD
152        parameter P1,           label=HELP_KEYS,
153                                value (type=$REST_OF_LINE)
154
155  define     verb      EXIT
156        routine    EXIT_CMD
157
158  define     verb      EXECUTE
159        routine    EXECUTE_CMD
160        parameter P1,           label=EXEC_FILE,
161                                value(default=MONITOR.MON)


$ SET COMMAND/OBJ=OBJ$:/LIS=LIS$: SRC$:MONSUB
```

MONMSG
LIS

REQUEST
LIS

SHODEF
LIS

MONSUB
LIS

PREPOST
LIS

SUMMBUFF
LIS