```
NNN          NNN     IIIIIIIII       CCCCCCCCCCC  NNN          NNN  FFFFFFFFFFFFFFF
NNN          NNN     IIIIIIIII       CCCCCCCCCCC  NNN          NNN  FFFFFFFFFFFFFFF
NNN          NNN     IIIIIIIII       CCCCCCCCCCC  NNN          NNN  FFFFFFFFFFFFFFF
NNN          NNN        III       CCC             NNN          NNN  FFF
NNN          NNN        III       CCC             NNN          NNN  FFF
NNN          NNN        III       CCC             NNN          NNN  FFF
NNNNNN       NNN        III       CCC             NNNNNN       NNN  FFF
NNNNNN       NNN        III       CCC             NNNNNN       NNN  FFF
NNNNNN       NNN        III       CCC             NNNNNN       NNN  FFF
NNN    NNN   NNN        III       CCC             NNN    NNN   NNN  FFFFFFFFFFF
NNN    NNN   NNN        III       CCC             NNN    NNN   NNN  FFFFFFFFFFF
NNN    NNN   NNN        III       CCC             NNN    NNN   NNN  FFFFFFFFFFF
NNN       NNNNNN        III       CCC             NNN       NNNNNN  FFF
NNN       NNNNNN        III       CCC             NNN       NNNNNN  FFF
NNN       NNNNNN        III       CCC             NNN       NNNNNN  FFF
NNN          NNN        III       CCC             NNN          NNN  FFF
NNN          NNN        III       CCC             NNN          NNN  FFF
NNN          NNN        III       CCC             NNN          NNN  FFF
NNN          NNN     IIIIIIIII       CCCCCCCCCCC  NNN          NNN  FFF
NNN          NNN     IIIIIIIII       CCCCCCCCCCC  NNN          NNN  FFF
NNN          NNN     IIIIIIIII       CCCCCCCCCCC  NNN          NNN  FFF
```

FILEID**CNFDEF

```
  CCCCCCCC  NN      NN  FFFFFFFFFF  DDDDDDDD    EEEEEEEEEE  FFFFFFFFFF
  CCCCCCCC  NN      NN  FFFFFFFFFF  DDDDDDDD    EEEEEEEEEE  FFFFFFFFFF
CC          NN      NN  FF          DD      DD  EE          FF
CC          NN      NN  FF          DD      DD  EE          FF
CC          NNNN    NN  FF          DD      DD  EE          FF
CC          NNNN    NN  FF          DD      DD  EE          FF
CC          NN  NN  NN  FFFFFFFF    DD      DD  EEEEEEEE    FFFFFFFF
CC          NN  NN  NN  FFFFFFFF    DD      DD  EEEEEEEE    FFFFFFFF
CC          NN    NNNN  FF          DD      DD  EE          FF
CC          NN    NNNN  FF          DD      DD  EE          FF
CC          NN      NN  FF          DD      DD  EE          FF              ....
CC          NN      NN  FF          DD      DD  EE          FF              ....
  CCCCCCCC  NN      NN  FF          DDDDDDDD    EEEEEEEEEE  FF              ....
  CCCCCCCC  NN      NN  FF          DDDDDDDD    EEEEEEEEEE  FF              ....

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
LLLLLLLLLL    IIIIII    SSSSSSSS
LLLLLLLLLL    IIIIII    SSSSSSSS
```

```
1   {       CNFDEF.SDL
2   {       Ident 'V04-000'
3   {
4   {*****************************************************************************
5   {*                                                                           *
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23  {*                                                                           *
24  {*                                                                           *
25  {*****************************************************************************
26  {
27  {   CREATED BY:         Bob Grosso      CREATION DATE:  15-Oct-1982
28  {
29  {   MODIFIED BY:
30  {
31  {
32
```



```
33  module CNFDEF;
34
35          constant (
36
37              NICE
38              ,TRACE
39              ,VM
40
41              ) equals 0 increment 1 prefix DBG tag $C;
42
43
44  {
45  {       Define incoming request block
46  {
47
48    aggregate IRBDEF structure prefix IRB$;
49
50      LINK        longword;                   /* link to next in chain
51      BLINK       longword;                   /* back link
52
53      SIZE        word;                       /*
54      CHAN        word;                       /*
55
56      IOSB        word;                       /* First word of IO Status Block
```

```
57        IOSB1       word;                                   /* second word of IO Status Block
58        IOSB2       longword;                               /* Second longword of IOSB
59
60        BNR_FLINK   longword;                               /* Forward link to bufferred NICE responses
61        BNR_BLINK   longword;                               /* Backward link to bufferred NICE responses
62
63        NICE_LEN    word;                                   /* Length of last NICE message transmitted
64        FREE_LEN    word;                                   /* Length to deallocate
65        NICE_ADR    longword;                               /* Address of last NICE message transmitted
66
67        NCBLEN      byte;                                   /* Length of Network Control Block
68        NCB         character length 64;                    /* NCB
69           constant MAXNCBLEN equals 64 prefix IRB$ tag C;  /* maximum length of NCB
70
71        REQUEST     character length 250;                   /* request
72           constant MAXRQSTLEN equals 250 prefix IRB$ tag C;
73           constant "LENGTH" equals . prefix IRB$ tag C;    /* length of block
74
75     end IRBDEF;
76
77
78  {
79  {       Define Bufferred NICE Responses
80  {
81
82     aggregate BNRDEF structure prefix BNR$;
83
84        FLINK       longword;                               /* link to next in chain
85        BLINK       longword;                               /* back link
86
87        "LENGTH"    word;                                   /* size of header and message
88        FREE_LEN    word;
89        ADDRESS     longword;
```



```
90
91           constant "LENGTH" equals . prefix BNR$ tag C;    /* length of block
92
93     end BNRDEF;
94
```



```
95  {
96  {       Define Circuit surveillance block
97  {
98
99     aggregate CIRDEF structure prefix CIR$;
100
101       LINK        longword;                               /* link to next in chain
102       BLINK       longword;                               /* back link
103
104       SIZE        word;                                   /*
105       SURVEIL     byte;                                   /* Mark that surveillance is enabled
106          /* Use NMA$C_SUR_ENA and NMA$C_SUR_DIS
107       SPARE       byte;                                   /* Mark that surveillance QIO has been cancelled
108
109       IOSB        word;                                   /* IO status block
110       IOSB1       word;
111       IOSB2       longword;
112
113       CHAN        word;                                   /* Channel for read QIO
```

```
114         CIRNAMLEN   word;                                   /* Length of Network Control Block
115         CIRNAM      character length 16;                    /* NCB
116            constant MAXCIRLEN equals 16 prefix CIR$ tag C;  /* maximum length of NCB
117         DEVNAMLEN word;                                     /* Length of Network Control Block
118         DEVNAM      character length 6;                     /* NCB
119            constant MAXDEVLEN equals 6 prefix CIR$ tag C;   /* maximum length of NCB
120         ELAPSDTIM   quadword;                               /* Ammount of time circuit has been under surveillance
121
122         SYSIDMBUF   longword;                               /* Buffer to contain System Id Message
123         ADRTYPBUF   longword;                               /* Pointer to buffer to contain current address and message protocol
124         SIDFLINK    longword;                               /* List head for system id information gathered
125         SIDBLINK    longword;                               /* List tail for system id information gathered
126            constant "LENGTH" equals . prefix CIR$ tag C;    /* length of block
127
128      end CIRDEF;
129
```



```
130   {
131   {        Define System ID storage
132   {        The pointer to list of SID's is contained in the CIR
133   {
134
135      aggregate SIDDEF structure prefix SID$;
136
137         LINK        longword;                               /* link to next in chain
138         BLINK       longword;                               /* back link
139         SIZE        word;                                   /*
140
141         HRDWADR     character length 6;                     /* Hardware address
142         CURADR      character length 6;                     /* Current address
143            constant ADRLEN equals 6 prefix SID$ tag C;      /*
144         LSTREPORT   quadword;                               /* Time when last System ID was recieved
145         MOPVER      byte;                                   /* MOP version
146         MOPECO      byte;                                   /* MOP ECO
147         MOPUSRECO   byte;                                   /* MOP User ECO
148         NUMFUNC     byte;                                   /*
149         FUNCTIONS   word;                                   /*
150            constant MAXFUNC equals 16 prefix SID$ tag C;    /* Maximum number of Function codes permitted
151         DEVICE      byte;                                   /*
152            constant "LENGTH" equals . prefix SID$ tag C;    /* length of block
153
154      end SIDDEF;
155
```



```
156
157   {
158   {        Describe the System ID Message buffer contents.
159   {
160
161            constant MOPVERTYP equals 1 prefix SIM$ tag C;          /*
162            constant FUNCTNTYP equals 2 prefix SIM$ tag C;          /*
163            constant HDWADRTYP equals 7 prefix SIM$ tag C;          /*
164            constant DEVICETYP equals 100 prefix SIM$ tag C;        /*
165
166
167   end_module CNFDEF;
```

NICNF

CNFDEF
SDL

CNFDEF
LIS

NETTRN
LIS

NICONFIG
MAP

NETTREE
LIS

CNFMAIN
LIS

CNFREQUES
LIS

SERVER
LIS

CNFINTRPT
LIS

CNFWQDEF
SDL

CNFPREFIX
REQ

CNFMSG
LIS