

NNN		NNN	IIIIIIIIII		CCCCCCCCCCCC	NNN		NNN	FFFFFFFFFFFFFF
NNN		NNN	IIIIIIIIII		CCCCCCCCCCCC	NNN		NNN	FFFFFFFFFFFFFF
NNN		NNN	IIIIIIIIII		CCCCCCCCCCCC	NNN		NNN	FFFFFFFFFFFFFF
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	FFFFFFFFFFFF
NNN	NNN	NNN	III	CCC		NNN	NNN	NNN	FFFFFFFFFFFF
NNN	NNN	NNN	III	CCC		NNN	NNN	NNN	FFFFFFFFFFFF
NNN		NNNNNN	III	CCC		NNN	NNNNNN	NNN	FFF
NNN		NNNNNN	III	CCC		NNN	NNNNNN	NNN	FFF
NNN		NNNNNN	III	CCC		NNN	NNNNNN	NNN	FFF
NNN		NNN	III	CCC		NNN	NNN	NNN	FFF
NNN		NNN	III	CCC		NNN	NNN	NNN	FFF
NNN		NNN	III	CCC		NNN	NNN	NNN	FFF
NNN		NNN	III	CCC		NNN	NNN	NNN	FFF
NNN		NNN	IIIIIIIIII		CCCCCCCCCCCC	NNN		NNN	FFF
NNN		NNN	IIIIIIIIII		CCCCCCCCCCCC	NNN		NNN	FFF
NNN		NNN	IIIIIIIIII		CCCCCCCCCCCC	NNN		NNN	FFF

```

CCCCCCCC NN NN FFFFFFFF DDDDDDD EEEEEEEEE FFFFFFFF
CCCCCCCC NN NN FFFFFFFF DDDDDDD EEEEEEEEE FFFFFFFF
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 FFFFFFFF DD DD EEEEEEEE FFFFFFFF
CC 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 DD DD EEEEEEEEE FFFFFFFF
CCCCCCCC NN NN FF DD DD EEEEEEEEE FFFFFFFF

```

```

SSSSSSSS DDDDDDD LL
SSSSSSSS DDDDDDD LL
SS DD DD LL
SS DD DD LL
SS DD DD LL
SS SSSSSS DD DD LL
SSSSSS DD DD LL
SS DD DD LL
SS DD DD LL
SS DD DD LL
SSSSSSS DDDDDDD LLLLLLLLLL
SSSSSSS DDDDDDD LLLLLLLLLL

```



CNFDEF.SDL  
Ident 'V04-000'

```

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```

CREATED BY: Bob Grosso CREATION DATE: 15-Oct-1982

MODIFIED BY:

```
module CNFDEF;
```

```
    constant (
```

```
        NICE
        ,TRACE
        ,VM
```

```
    ) equals 0 increment 1 prefix DBG tag $C;
```

```
{
{
{
    Define incoming request block
```

```
aggregate IRBDEF structure prefix IRB$;
```

```
LINK          longword;          /* link to next in chain
BLINK         longword;          /* back link

SIZE          word;              /*
CHAN          word;              /*

IOSB          word;              /* First word of IO Status Block
IOSB1         word;              /* second word of IO Status Block
IOSB2         longword;          /* Second longword of IOSB

BNR_FLINK     longword;          /* Forward link to buffered NICE responses
BNR_BLINK     longword;          /* Backward link to buffered NICE responses

NICE_LEN      word;              /* Length of last NICE message transmitted
FREE_LEN      word;              /* Length to deallocate
NICE_ADR      longword;          /* Address of last NICE message transmitted

NCBLEN        byte;              /* Length of Network Control Block
NCB           character length 64; /* NCB
    constant MAXNCBLEN equals 64 prefix IRB$ tag C; /* maximum length of NCB

REQUEST       character length 250; /* request
    constant MAXRQSTLEN equals 250 prefix IRB$ tag C;
    constant 'LENGTH' equals . prefix IRB$ tag C; /* length of block

end IRBDEF;
```

```
{
{
{
    Define Buffered NICE Responses
```

```
aggregate BNRDEF structure prefix BNR$;
```

```
FLINK         longword;          /* link to next in chain
BLINK         longword;          /* back link

'LENGTH'      word;              /* size of header and message
FREE_LEN      word;
```



```
ADDRESS      longword;  
      constant 'LENGTH' equals . prefix BNR$ tag C; /* length of block  
end BNRDEF;
```

```
{
{
{
```

```
Define Circuit surveillance block
```

```
aggregate CIRDEF structure prefix CIRS;
```

```
LINK      longword;      /* link to next in chain
BLINK     longword;      /* back link

SIZE      word;          /*
SURVEIL   byte;          /* Mark that surveillance is enabled
/* Use NMASC_SUR_ENA and NMASC_SUR_DIS
SPARE     byte;          /* Mark that surveillance QIO has been cancelled

IOSB      word;          /* IO status block
IOSB1     word;
IOSB2     longword;

CHAN      word;          /* Channel for read QIO
CIRNAMLEN word;          /* Length of Network Control Block
CIRNAM    character length 16; /* NCB
constant MAXCIRLEN equals 16 prefix CIRS tag C; /* maximum length of NCB
DEVNAMLEN word;          /* Length of Network Control Block
DEVNAM    character length 6; /* NCB
constant MAXDEVLEN equals 6 prefix CIRS tag C; /* maximum length of NCB
ELAPSDTIM quadword;     /* Ammount of time circuit has been under surveillance

SYSIDMBUF longword;     /* Buffer to contain System Id Message
ADRTYPBUF longword;     /* Pointer to buffer to contain current address and message protocol type
SIDFLINK  longword;     /* List head for system id information gathered
SIDBLINK  longword;     /* List tail for system id information gathered
constant "LENGTH" equals . prefix CIRS tag C; /* length of block
```

```
end CIRDEF;
```



```
{
{
{
  Define System ID storage
  The pointer to list of SID's is contained in the CIR
```

```
aggregate SIDDEF structure prefix SID$;
```

```
LINK      longword;          /* link to next in chain
BLINK     longword;          /* back link
SIZE      word;              /*
HRDWADR   character length 6; /* Hardware address
CURADR    character length 6; /* Current address
          constant ADRLN equals 6 prefix SID$ tag C; /*
LSTREPORT quadword;         /* Time when last System ID was recieved
MOPVER    byte;              /* MOP version
MOPECO    byte;              /* MOP ECO
MOPUSRECO byte;              /* MOP User ECO
NUMFUNC   byte;              /*
FUNCTIONS word;              /*
          constant MAXFUNC equals 16 prefix SID$ tag C; /* Maximum number of Function codes permitted
DEVICE    byte;              /*
          constant "LENGTH" equals . prefix SID$ tag C; /* length of block
```

```
end SIDDEF;
```

```
{  
{  
{  
Describe the System ID Message buffer contents.
```

```
constant MOPVERTYP equals 1 prefix SIMS tag C; /*  
constant FUNCTNTYP equals 2 prefix SIMS tag C; /*  
constant HDWADRTYP equals 7 prefix SIMS tag C; /*  
constant DEVICETYP equals 100 prefix SIMS tag C; /*
```

```
end_module CNFDEF;
```



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