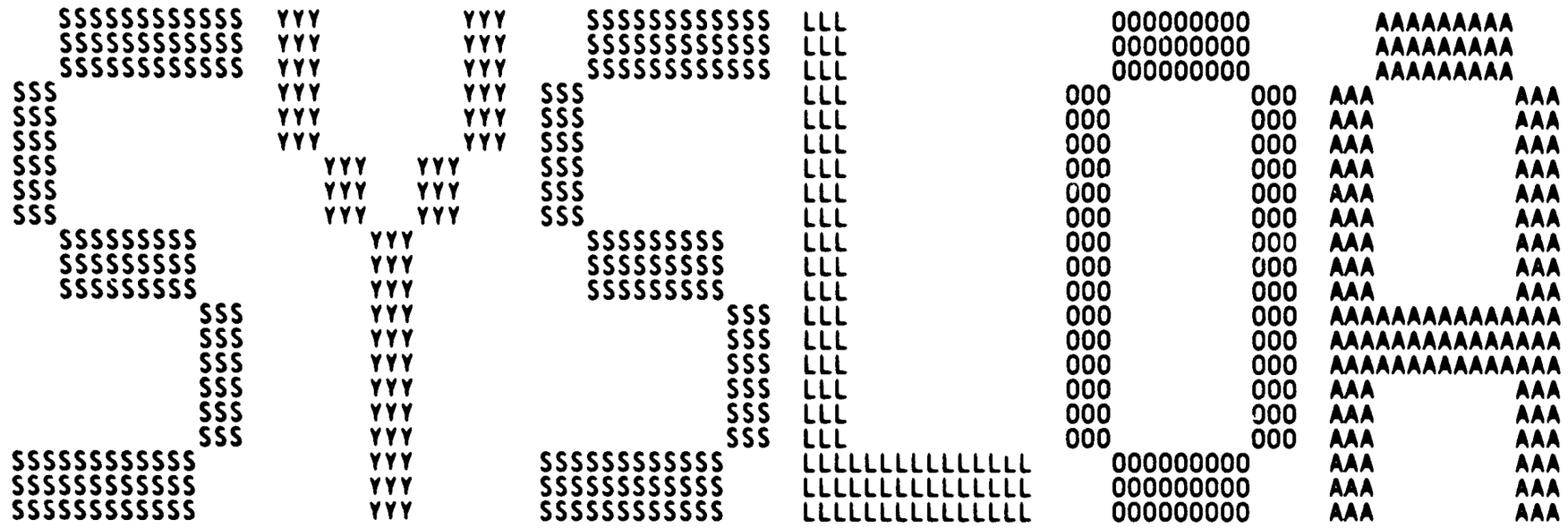
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SSS YYY YYY SSS LLL 000 000 AAA AAA
SSS YYY YYY SSS LLL 000 000 AAA AAA
SSS YYY YYY SSS LLL 000 000 AAA AAA
SSS YYY YYY SSS LLL 000 000 AAA AAA
SSS YYY YYY SSS LLL 000 000 AAA AAA
SSS YYY YYY SSS LLL 000 000 AAA AAA
SSSSSSSSS YYY SSSSSSSSS LLL 000 000 AAA AAA
SSSSSSSSS YYY SSSSSSSSS LLL 000 000 AAA AAA
SSSSSSSSS YYY SSSSSSSSS LLL 000 000 AAA AAA
SSS YYY SSS LLL 000 000 AAAAAAAAAAAAAAA
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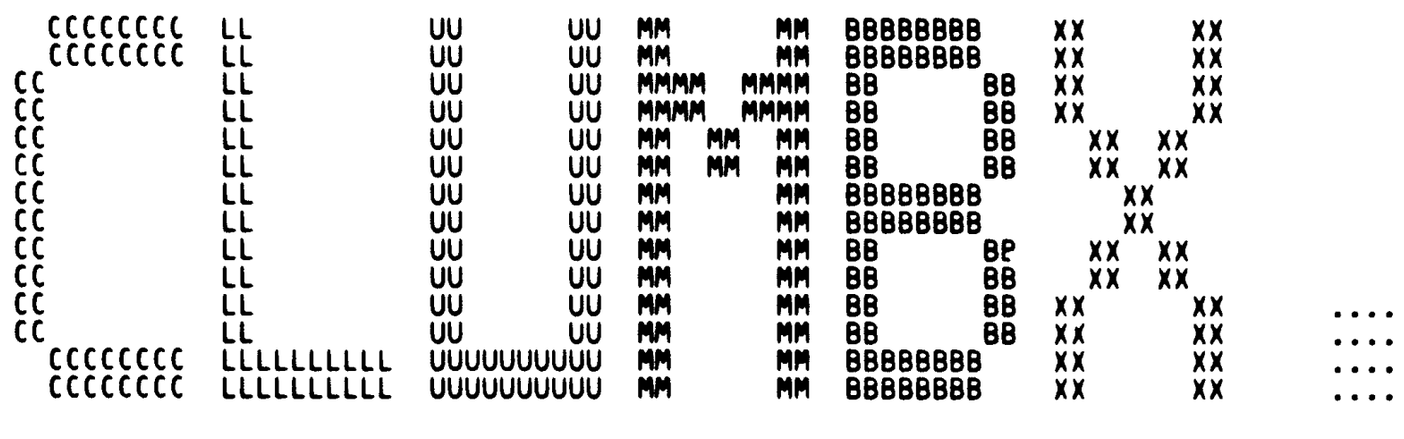
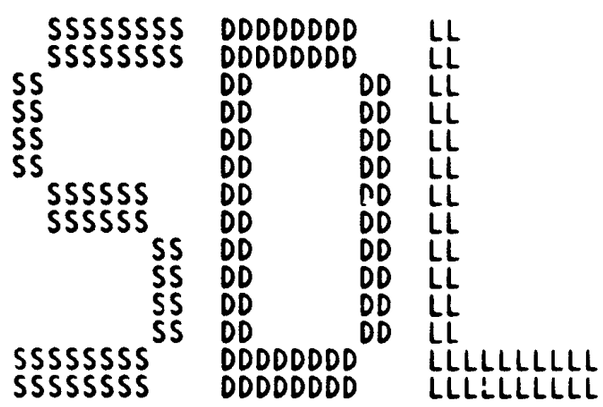
SSS YYY SSS LLL 000 000 AAAAAAAAAAAAAAA
SSS YYY SSS LLL 000 000 AAA AAA
SSS YYY SSS LLL 000 000 AAA AAA
SSS YYY SSS LLL 000 000 AAA AAA
SSSSSSSSSSS YYY SSSSSSSSSSS LLLLLLLLLLLLLLL 000000000 AAA AAA
SSSSSSSSSSS YYY SSSSSSSSSSS LLLLLLLLLLLLLLL 000000000 AAA AAA
SSSSSSSSSSS YYY SSSSSSSSSSS LLLLLLLLLLLLLLL 000000000 AAA AAA

FILEID**CLUMBX





```
{       CLUMBX.SDL
{
{ Version:      'V04-000'
{
{*****************************************************************************
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{*****************************************************************************

{++
{
{ FACILITY:  SYSLOA - System loadable code
{
{ ABSTRACT:
{
{       This file contains the SDL source for the definition of the cluster
{       state change messages sent to OPCOM.
{
{ ENVIRONMENT:
{
{       n/a
{
{--
{
{
{ AUTHOR:  Dave Thiel           CREATION DATE:  24-Aug-1983
{
{ MODIFIED BY:
{
{       V03-002 DWT0213         David W. Thiel          09-Apr-1984
{               Add ST_COMPLETE and ST_QUORUM subtype codes.
{               Mark ST_FORM and ST_RECNFIG subtype codes obsolete.
{
{       V03-001 DWT0129         David W. Thiel          8-Sep-1983
{               Add ST_NOQUORUM and ST_FORNDISK subtype codes.
{
```

```
module $CLUMBXDEF;
/++
/* CLUMBX - CLUSTER STATE CHANGE MAILBOX MESSAGE
/*
/*      THIS DEFINES THE FORMAT OF A CLUSTER STATE CHANGE MESSAGE
/*      WHICH IS SENT TO THE OPCOM MAILBOX
/*-

aggregate CLUMBXDEF structure prefix CLUMBX$;

    MSGTYPE word unsigned;              /* MESSAGE ID (MSG$_CLUMBX)
    SUBTYPE word unsigned;              /* MESSAGE SUB-TYPE
        constant (                      /*  DEFINE CLUSTER MESSAGE SUB-TYPES
                ST_NEWSYS,              /*      DISCOVERED NEW SYSTEM
                ST_CNX,                 /*      CONNECTED TO SYSTEM
                ST_RECNX,               /*      RECONNECTED TO SYSTEM
                ST_LOSTCNX,             /*      LOST CONNECTION TO SYSTEM
                ST_TIMCNX,              /*      TIMED-OUT BROKEN CONNECTION
                ST_INIFORM,             /*      INITIATING CLUSTER FORMATION
                ST_INIADD,              /*      INITIATING NODE ADDITION
                ST_INIRECNFJG,          /*      INITIATING CLUSTER RECONFIGURATION
                ST_MEMREQ,              /*      REQUESTING CLUSTER MEMBERSHIP
                ST_ABORT,               /*      ABORTING CLUSTER STATE TRANSITION
                ST_FORM,                /*      NEW CLUSTER FORMED (OBSOLETE)
                ST_ADD,                 /*      NODE ADDED TO CLUSTER
                ST_RECNFIG,             /*      CLUSTER RECONFIGURED (OBSOLETE)
                ST_NEWNODE,             /*      MEMBER OF NEW CLUSTER
                ST_DROPNODE,            /*      NODE REMOVED FROM CLUSTER
                ST_FORNCLUS,            /*      FOREIGN CLUSTER SEEN
                ST_INQUORUM,            /*      QUORUM REGAINED
                ST_LOSTDISK,            /*      CONNECTION TO QUORUM DISK LOST
                ST_GAINDISK,            /*      CONNECTION TO QUORUM DISK GAINED
                ST_DISKRDERR,           /*      ERROR READING QUORUM DISK
                ST_DISKWRERR,           /*      ERROR WRITING QUORUM DISK
                ST_DISKINVDAT,          /*      INVALID DATA READ FROM QUORUM DISK
                ST_DISKTIMEOUT,         /*      OPERATION TO QUORUM DISK TIMED-OUT
                ST_LOSTMSG,             /*      MESSAGES LOST
                ST_NOQUORUM,            /*      QUORUM LOST
                ST_FORNDISK,            /*      FOREIGN CLUSTER SEEN VIA QUORUM DISK
                ST_COMPLETE,            /*      CLUSTER STATE TRANSITION COMPLETE
                ST_QUORUM               /*      PROPOSED CHANGE OF QUORUM OR DISK MEMBERSHIP
            ) equals 1 increment 1;
    DS_VERSION byte unsigned;           /* VERSION OF DATA STRUCTURE
        constant DS_VERSION equals 1    /*  CURRENT DATA STRUCTURE VERSION
    FLAGS structure byte unsigned;      /* FLAG BITS
        BRDCST bitfield mask;           /*  BROADCAST MESSAGE TO ALL NODES
    end FLAGS;
    LENGTH word unsigned;               /* TOTAL MESSAGE LENGTH
    CSID_L longword unsigned;           /* LOCAL NODE CLUSTER SYSTEM ID
    SYSTEMID_L byte dimension 6.        /* LOCAL NODE SYSTEM ID
    FILL_1 word unsigned fill;          /* PAD TO LONGWORD BOUNDARY
    NODENAME_L character length 16;     /* LOCAL NODE NAME
    CSID_R longword unsigned;           /* REMOTE NODE CLUSTER SYSTEM ID
    SYSTEMID_R byte dimension 6;        /* REMOTE NODE SYSTEM ID
    FILL_2 word unsigned fill;          /* PAD TO LONGWORD BOUNDARY
    NODENAME_R character length 16;     /* REMOTE NODE NAME
```

```
    TIME quadword;                      /* TIME-STAMP
    constant "LENGTH" equals .;         /* LENGTH OF MESSAGE
end CLUMBXDEF;

END_MODULE $CLUMBXDEF;
```

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