

IN,BI

OUT,BO

END,L

BOOTLODR

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$SGENLD	01/22/74	1551	SGLDR	TPROG SGIBUF BSTACK \$PUN \$PUB \$LUN \$LUB

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD00A1	01/22/74	36	D00A1	DRWE OF DRSTAT DRSKRD DRSFIL DRRITE DRREWD DRREAD

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD00A2	01/22/74	36	D00A2	DRWE OF DRSTAT DRSKRD DRSFIL DRRITE DRREWD DRREAD

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD00A5	01/24/74	36	D00A5	DRWE OF DRSTAT DRSKRD DRSFIL DRRITE DRREWD DRREAD

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD10A1	01/24/74	36	D10A1	DRWE OF DRSTAT DRSKRD DRSFIL DRRITE DRREWD DRREAD

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD10A2	01/24/74	36	D10A2	DRWE OF DRSTAT DRSKRD DRSFIL DRRITE DRREWD DRREAD

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD10A5	01/24/74	36	D10A5	DRWE OF DRSTAT DRSKRD DRSFIL DRRITE DRREWD DRREAD

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD20A1	01/24/74	36	D20A1	DRWE OF DRSTAT

DRSKRD DRSFIL
 DRRITE DRREWD

DRREAD

ID NAME DATE SIZE ENTRY NAMES
 VSD20A2 01/24/74 36 D20A2

EXTERNAL NAMES
 DRWEOF DRSTAT

DRSKRD DRSFIL
 DRRITE DRREWD
 DRREAD

ID NAME DATE SIZE ENTRY NAMES
 VSD20A5 01/24/74 36 D20A5

EXTERNAL NAMES
 DRWEOF DRSTAT

DRSKRD DRSFIL
 DRRITE DRREWD
 DRREAD

ID NAME DATE SIZE ENTRY NAMES
 VSD30A1 01/24/74 36 D30A1

EXTERNAL NAMES
 DRWEOF DRSTAT

DRSKRD DRSFIL
 DRRITE DRREWD
 DRREAD

ID NAME DATE SIZE ENTRY NAMES
 VSD30A2 01/24/74 36 D30A2

EXTERNAL NAMES
 DRWEOF DRSTAT

DRSKRD DRSFIL
 DRRITE DRREWD
 DRREAD

ID NAME DATE SIZE ENTRY NAMES
 VSD30A5 01/24/74 36 D30A5

EXTERNAL NAMES
 DRWEOF DRSTAT

DRSKRD DRSFIL
 DRRITE DRREWD
 DRREAD

ID NAME DATE SIZE ENTRY NAMES
 VSDRAE 01/22/74 256

EXTERNAL NAMES
 DRWEOF DRSTAT
 IOAS BIRS

DRSKRD DRSFIL
 DRRITE DRREWD

DRREAD

ID NAME DATE SIZE ENTRY NAMES
 VSD00B 01/22/74 30 D00B

EXTERNAL NAMES
 DMWEOF DMSTAT

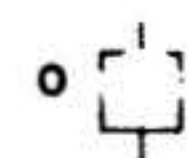
DMSKRD DMSFIL
 DMRITE DMREWD
 DMREAD DOBCT

ID NAME DATE SIZE ENTRY NAMES
 VSD01B 01/22/74 30 D01B

EXTERNAL NAMES
 DMWEOF DMSTAT

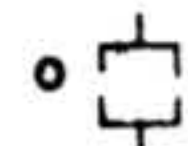
DMSKRD DMSFIL

176927



1298933

ID NAME	DATE	SIZE	ENTRY NAMES	DMRITE	DMREWD
VSD02B	01/24/74	30	D02B	DMREAD	D0BCT
				EXTERNAL	NAMES
				DMWEOF	DMSTAT
				DMSKRD	DMSFIL
ID NAME	DATE	SIZE	ENTRY NAMES	DMRITE	DMREWD
VSD03B	01/24/74	30	D03B	DMREAD	D0BCT
				EXTERNAL	NAMES
				DMWEOF	DMSTAT
				DMSKRD	DMSFIL
ID NAME	DATE	SIZE	ENTRY NAMES	DMRITE	DMREWD
VSD0BCT	01/22/74	6	D0BCT	DMREAD	D0BCT
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL	NAMES
VSD10B	01/24/74	30	D10B	DMWEOF	DMSTAT
				DMSKRD	DMSFIL
ID NAME	DATE	SIZE	ENTRY NAMES	DMRITE	DMREWD
VSD11B	01/24/74	30	D11B	DMREAD	D1BCT
				EXTERNAL	NAMES
				DMWEOF	DMSTAT
				DMSKRD	DMSFIL
ID NAME	DATE	SIZE	ENTRY NAMES	DMRITE	DMREWD
VSD12B	01/24/74	30	D12B	DMREAD	D1BCT
				EXTERNAL	NAMES
				DMWEOF	DMSTAT
				DMSKRD	DMSFIL
ID NAME	DATE	SIZE	ENTRY NAMES	DMRITE	DMREWD
VSD13B	01/24/74	30	D13B	DMREAD	D1BCT
				EXTERNAL	NAMES
				DMWEOF	DMSTAT
				DMSKRD	DMSFIL
ID NAME	DATE	SIZE	ENTRY NAMES	DMRITE	DMREWD
VSD1BCT	01/24/74	6	D1BCT	DMREAD	D1BCT
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL	NAMES
VSD20B	01/24/74	30	D20B	DMWEOF	DMSTAT
				DMSKRD	DMSFIL
				DMRITE	DMREWD
				DMREAD	D2BCT



A29F92F

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD21B	01/24/74	30	D21B	DMWEOF DMSTAT
				DMSKRD DMSFIL
				DMRITE DMREWD
				DMREAD D2BCT
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD22B	01/24/74	30	D22B	DMWEOF DMSTAT
				DMSKRD DMSFIL
				DMRITE DMREWD
				DMREAD D2BCT
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD23B	01/24/74	30	D23B	DMWEOF DMSTAT
				DMSKRD DMSFIL
				DMRITE DMREWD
				DMREAD D2BCT
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD2BCT	01/24/74	6	D2BCT	
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD30B	01/24/74	30	D30B	DMWEOF DMSTAT
				DMSKRD DMSFIL
				DMRITE DMREWD
				DMREAD D3BCT
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD31B	01/24/74	30	D31B	DMWEOF DMSTAT
				DMSKRD DMSFIL
				DMRITE DMREWD
				DMREAD D3BCT
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD32B	01/24/74	30	D32B	DMWEOF DMSTAT
				DMSKRD DMSFIL
				DMRITE DMREWD
				DMREAD D3BCT
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD33B	01/24/74	30	D33B	DMWEOF DMSTAT
				DMSKRD DMSFIL
				DMRITE DMREWD
				DMREAD D3BCT
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD3BCT	01/24/74	6	D3BCT	
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSDMAE	01/22/74	335	DMWEOF DMSTAT	IOAS BIRS

DMSKRD DMSFIL BIAS

DMRITE DMREWD

DMREAD

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD00C	01/24/74	36	D00C	DCWRIT DCSTAT

DCSKRD DCREWD

DCREAD DOCCT

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD01C	01/24/74	36	D01C	DCWRIT DCSTAT

DCSKRD DCREWD

DCREAD DOCCT

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD02C	07/30/74	36	D02C	DCWRIT DCSTAT

DCSKRD DCREWD

DCREAD DOCCT

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD03C	07/30/74	36	D03C	DCWRIT DCSTAT

DCSKRD DCREWD

DCREAD DOCCT

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD0CCT	01/24/74	6	DOCCT	

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD10C	01/24/74	36	D10C	DCWRIT DCSTAT

DCSKRD DCREWD

DCREAD D1CCT

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD11C	01/24/74	36	D11C	DCWRIT DCSTAT

DCSKRD DCREWD

DCREAD D1CCT

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD12C	07/30/74	36	D12C	DCWRIT DCSTAT

DCSKRD DCREWD

DCREAD D1CCT

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD13C	07/30/74	36	D13C	DCWRIT DCSTAT

DCSKRD DCREWD

DCREAD D1CCT

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD1CCT	01/24/74	6	D1CCT	

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD20C	07/30/74	36	D20C	DCWRIT DCSTAT

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES	DCSKRD	DCREWD
VSD21C	07/30/74	36	D21C	DCWRIT	DCSTAT	D2CCT
VSD22C	07/30/74	36	D22C	DCWRIT	DCSTAT	D2CCT
VSD23C	07/30/74	36	D23C	DCWRIT	DCSTAT	D2CCT
VSD2CCT	08/02/74	6	D2CCT	DCWRIT	DCSTAT	D2CCT
VSD30C	07/30/74	36	D30C	DCWRIT	DCSTAT	D3CCT
VSD31C	07/30/74	36	D31C	DCWRIT	DCSTAT	D3CCT
VSD32C	07/30/74	36	D32C	DCWRIT	DCSTAT	D3CCT
VSD33C	07/30/74	36	D33C	DCWRIT	DCSTAT	D3CCT
VSD3CCT	08/02/74	6	D3CCT	DCWRIT	DCSTAT	D3CCT
VSDMC	01/24/74	634	DCWRIT DCSTAT	IOAS	BIRS	
VSD00D	01/24/74	36	D00D	DDWRIT	DDSTAT	DDREWD

ID NAME	DATE	SIZE	ENTRY NAMES	DDREAD EXTERNAL	D0DCT NAMES
VSD01D	01/24/74	36	D01D	DDWRIT	DDSTAT
				DDSKRD	DDREWD
				DDREAD	D0DCT
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL	NAMES
VSD02D	01/24/74	36	D02D	DDWRIT	DDSTAT
				DDSKRD	DDREWD
				DDREAD	D0DCT
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL	NAMES
VSD03D	01/24/74	36	D03D	DDWRIT	DDSTAT
				DDSKRD	DDREWD
				DDREAD	D0DCT
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL	NAMES
VSD0DCT	01/24/74	6	D0DCT		
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL	NAMES
VSD10D	01/25/74	36	D10D	DDWRIT	DDSTAT
				DDSKRD	DDREWD
				DDREAD	D1DCT
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL	NAMES
VSD11D	01/24/74	36	D11D	DDWRIT	DDSTAT
				DDSKRD	DDREWD
				DDREAD	D1DCT
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL	NAMES
VSD12D	01/24/74	36	D12D	DDWRIT	DDSTAT
				DDSKRD	DDREWD
				DDREAD	D1DCT
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL	NAMES
VSD13D	01/24/74	36	D13D	DDWRIT	DDSTAT
				DDSKRD	DDREWD
				DDREAD	D1DCT
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL	NAMES
VSD1DCT	01/24/74	6	D1DCT		
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL	NAMES
VSD20D	01/24/74	36	D20D	DDWRIT	DDSTAT
				DDSKRD	DDREWD
				DDREAD	D2DCT
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL	NAMES
VSD21D	01/24/74	36	D21D	DDWRIT	DDSTAT
				DDSKRD	DDREWD
				DDREAD	D2DCT

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSD22D	01/24/74	36	D22D	DDWRIT DDSTAT DDSKRD DDREWD DDREAD D2DCT
VSD23D	01/24/74	36	D23D	DDWRIT DDSTAT DDSKRD DDREWD DDREAD D2DCT
VSD2DCT	01/24/74	6	D2DCT	
VSD30D	01/24/74	36	D30D	DDWRIT DDSTAT DDSKRD DDREWD DDREAD D3DCT
VSD31D	01/24/74	36	D31D	DDWRIT DDSTAT DDSKRD DDREWD DDREAD D3DCT
VSD32D	01/24/74	36	D32D	DDWRIT DDSTAT DDSKRD DDREWD DDREAD D3DCT
VSD33D	01/24/74	36	D33D	DDWRIT DDSTAT DDSKRD DDREWD DDREAD D3DCT
VSD3DCT	01/24/74	6	D3DCT	
VSDMD	01/24/74	576	DDWRIT DDSTAT DDSKRD DDREWD DDREAD	IOAS BTR\$ BIAS
VSTY00A	01/24/74	411	TY00A	WRT\$ TCK\$ STR\$ KNT\$ FCH\$ BL\$P STC01
VSMT00A	01/24/74	22	MT00A	MWR\$ MT\$0 MSR\$ MSF\$ MRW\$ MRD\$

A23-9224

ID NAME	DATE	SIZE	ENTRY NAMES	MEFS EXTERNAL	MCK\$ NAMES
VSMT01A	01/24/74	22	MT01A	MWR\$ MSR\$ MRW\$	MT\$0 MSF\$ MRD\$
VSMT10A	01/24/74	22	MT10A	MEFS MWR\$ MSR\$ MRW\$	MCK\$ MT\$1 MSF\$ MRD\$
VSMT\$0	01/24/74	47	MT\$0	MEFS MWR\$ MSR\$ MRW\$	MCK\$ MT\$1 MSF\$ MRD\$
VSMT11A	01/24/74	22	MT11A	MEFS MWR\$ MSR\$ MRW\$	MCK\$ MT\$1 MSF\$ MRD\$
VSMT\$1	01/24/74	47	MT\$1	MEFS MWR\$ MSR\$ MRW\$	MCK\$ MT\$1 MSF\$ MRD\$
VSMTAE	01/24/74	1011	MWR\$ MSR\$ MSF\$ MRW\$ MRD\$ MEFS	IOOK IOAS BISS BIRS BIAS	
V\$CR00A	01/24/74	37	CR00A	MEFS MWR\$ MSR\$ MRW\$	MCK\$ MT\$1 MSF\$ MRD\$
V\$CRIE	01/24/74	430	CRD\$\$ CCK\$\$	IOOK IOAS	
V\$PT00A	01/24/74	465	PT00A	WRT\$ STR\$ RDC\$ LASS HCK\$ FCH\$ DIM\$ BL\$P \$HC37	
V\$LP00A	01/24/74	30	LP00A	LWR\$ LPL\$ LCK\$	
V\$LPD24	04/16/75	161	LWR\$ LPL\$ LCK\$	IOOK IOAS	

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$LP00D	01/24/74	30	LP00D	WRIT STUS
				STFN
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$LPS31	01/24/74	1676	WRIT STUS	IOOK IOAS
				STFN
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$KNIS	01/24/74	17	KNIS	WRTS
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$RDCS	01/24/74	56	RDCS	IOAS
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$HC37	01/24/74	35	\$HC37	
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
HCK\$	01/25/74	24	HCK\$	
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$DIMS	01/25/74	17	DIMS	
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$LASS	01/25/74	13	LASS	
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$WRTS	01/25/74	14	WRTS	SWRS
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$STR\$	01/25/74	26	STR\$	
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$SWRS	01/25/74	7	SWRS	
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$BL\$P	01/25/74	31	BL\$P	
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$FCH\$	01/25/74	20	FCH\$	
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$TCK\$	01/25/74	24	TCK\$	
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$IC01	01/25/74	36	\$IC01	
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$IOAS	01/25/74	35	IOAS	\$MPR
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$BICA	01/25/74	120	BISS BIR\$	
			BTAS	
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$IOOK	01/25/74	4	IOOK	
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$MPR	01/25/74	55	\$MPR	

106627

CTL,PART0001

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$SGEN1	04/09/75	11644	SGEN1	IOCS EXIT

CTL,PART0002

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$SGEN2	08/05/75	15367	SGEN2	IOCS EXIT

SLM,INIT

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$LMEMBK	03/04/75	500	V\$IM V\$CRDR V\$CAM	V\$UTB V\$TFC V\$TR V\$PTVR V\$PFUP V\$PFDN V\$OPBF V\$MPJP V\$MPER V\$LUT3 V\$LUT2 V\$LUT1 V\$LUNT V\$LRSK V\$LIT V\$JPRF V\$IOST V\$IOC V\$FPP V\$FLRS V\$EXEC V\$DSTR V\$COTA V\$CLOK V\$BVN V\$BFC TIDBSL TIDBOC TIDBJP TIDBER #\$SCV #\$PST #\$NCTR #\$LCNT #\$FREE #\$CTMS #\$CRDM #\$CKH #\$1MIN

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
I\$DA	01/22/74	1013	I\$DA	V\$TFC V\$DISP #DSYS #BSYS

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
I\$DB	01/22/74	1106	I\$DB	V\$TFC V\$DISP #DSYS #BSYS

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
I\$DC	01/22/74	1107	I\$DC	V\$TFC V\$DISP #DSYS #BSYS

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
I\$DD	01/22/74	1101	I\$DD	V\$TFC V\$DISP #DSYS #BSYS

END

SLM, VORTEX

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$GFCRS	01/22/74	243	V\$OPBF	V\$JPBF
			V\$GFCB	SSFCB
			SIFCB	POFCB
			PIFCB	LOFCB
			GOFCB	BOFCB
			BIFCB	

TDF, TIDSL2, V\$SAL, 0, 047401, 26

TDF, TIDRSL, V\$SAL, 0, 047401, 25

TDF, TIDBER, V\$EROR, 0, 047401, 25

TDF, TIDIWP, C52IWP, 0, 07401, 25

TDF, TBD0A, VZDA, 0, 047401, 24

TDF, TBD1A, VZDA, 0, 047401, 24

TDF, TBD2A, VZDA, 0, 047401, 24

TDF, TBD3A, VZDA, 0, 047401, 24

TDF, TBD0B, VZDB, 0, 047401, 24

TDF, TBD1B, VZDB, 0, 047401, 24

TDF, TBD2B, VZDB, 0, 047401, 24

TDF, TBD3B, VZDB, 0, 047401, 24

TDF, TBD0C, VZDC, 0, 047401, 24

TDF, TBD1C, VZDC, 0, 047401, 24

TDF, TBD2C, VZDC, 0, 047401, 24

TDF, TBD3C, VZDC, 0, 047401, 24

TDF, TBD0D, VZDD, 0, 047401, 24

TDF, TBD1D, VZDD, 0, 047401, 24

TDF, TBD2D, VZDD, 0, 047401, 24

TDF, TBD3D, VZDD, 0, 047401, 24

TDF, TIDTEX, TC\$CEX, 0, 07401, 24

TDF, TBIC0A, VT\$TCQ, 0, 047401, 24

TDF, TBMX0A, VT\$IOC, 0, 047401, 24

TDF, TBMX1A, VT\$IOC, 0, 047401, 24

TDF, TBMX2A, VT\$IOC, 0, 047401, 24

TDF, TBMX3A, VT\$IOC, 0, 047401, 24

TDF, TIDCEX, CC\$CEX, 0, 07401, 24

TDF, TBTY0A, V\$TYA, CTTY0A, 047411, 23

TDF, TBTY1A, V\$TYA, CTTY1A, 047411, 23

TDF, TBTY2A, V\$TYA, CTTY2A, 047411, 23

TDF, TBTY3A, V\$TYA, CTTY3A, 047411, 23

TDF, TBTY4A, V\$TYA, CTTY4A, 047411, 23

TDF, TBTY5A, V\$TYA, CTTY5A, 047411, 23

TDF,TBTY6A,VSTYA,CTTY6A,047411,23
 TDF,TBCT0A,VSTYA,CTCT0A,047411,23
 TDF,TBCT1A,VSTYA,CTCT1A,047411,23
 TDF,TBCT2A,VSTYA,CTCT2A,047411,23
 TDF,TBCT3A,VSTYA,CTCT3A,047411,23
 TDF,TBCT4A,VSTYA,CTCT4A,047411,23
 TDF,TBCT5A,VSTYA,CTCT5A,047411,23
 TDF,TBCT6A,VSTYA,CTCT6A,047411,23
 TDF,TIDBPT,VSSCPT,0,03401,23
 TDF,TBMT0A,VZMTA,0,047401,22
 TDF,TBMT1A,VZMTA,0,047401,22
 TDF,TBMT2A,VZMTA,0,047401,22
 TDF,TBMT3A,VZMTA,0,047401,22
 TDF,TBCR0A,VZCRA,0,047401,22
 TDF,TBLP0A,VZLPA,0,047401,22
 TDF,TBLP1A,VZLPA,0,047401,22
 TDF,TBLP2A,VZLPA,0,047401,22
 TDF,TBLP3A,VZLPA,0,047401,22
 TDF,TBLP0B,VZLPB,0,047401,22
 TDF,TBLP1B,VZLPB,0,047401,22
 TDF,TBLP0D,V\$CLPS,0,047401,22
 TDF,TBLP1D,V\$CLPS,0,047401,22
 TDF,TBLP2D,V\$CLPS,0,047401,22
 TDF,TBLP0E,V\$CLPS,0,047401,22
 TDF,TBLP1E,V\$CLPS,0,047401,22
 TDF,TBLP2E,V\$CLPS,0,047401,22
 TDF,TBLP0G,V\$CLPS,0,047401,22
 TDF,TBLP1G,V\$CLPS,0,047401,22
 TDF,TBLP2G,V\$CLPS,0,047401,22
 TDF,TBLP0H,V\$CLPS,0,047401,22
 TDF,TBLP1H,V\$CLPS,0,047401,22
 TDF,TBLP2H,V\$CLPS,0,047401,22
 TDF,TBLP0J,V\$CLPS,0,047401,22
 TDF,TBLP1J,V\$CLPS,0,047401,22
 TDF,TBLP2J,V\$CLPS,0,047401,22
 TDF,TBPT0A,VZPTA,0,047401,22
 TDF,TBPT1A,VZPTA,0,047401,22
 TDF,TBCP0A,VZCPA,0,047401,22
 TDF,TBC00A,VZCOA,0,047401,22
 TDF,TBC01A,VZCOA,0,047401,22
 TDF,TBC02A,VZCOA,0,047401,22

TDF,TBC03A,VZCOA,0,047401,22
 TDF,TBC04A,VZCOA,0,047401,22
 TDF,TBC05A,VZCOA,0,047401,22
 TDF,TBC06A,VZCOA,0,047401,22
 TDF,TBC07A,VZCOA,0,047401,22
 TDF,TBCI0A,VZCIA,0,047401,22
 TDF,TBCI1A,VZCIA,0,047401,22
 TDF,TBCI2A,VZCIA,0,047401,22
 TDF,TBCI3A,VZCIA,0,047401,22
 TDF,TBCI4A,VZCIA,0,047401,22
 TDF,TBCI5A,VZCIA,0,047401,22
 TDF,TBCI6A,VZCIA,0,047401,22
 TDF,TBCI7A,VZCIA,0,047401,22
 TDF,TBWCS,WCSRLD,0,005400,22
 TDF,TBSP0A,VZSP0A,CTSP0A,047401,22
 TDF,TBSP1A,VZSP1A,CTSP1A,047401,22
 TDF,TBSP2A,VZSP2A,CTSP2A,047401,22
 TDF,TBSP3A,VZSP3A,CTSP3A,047401,22
 TDF,TBSP4A,VZSP4A,CTSP4A,047401,22
 TDF,TBSP5A,VZSP5A,CTSP5A,047401,22
 TDF,TBSP6A,VZSP6A,CTSP6A,047401,22
 TDF,TBSP7A,VZSP7A,CTSP7A,047401,22
 TDF,TIDLST,V\$SPLP,0,07401,21
 TDF,TIDBOC,V\$OPCM,0,045400,10
 TDF,TIDOCL,CC\$OCL,0,047401,02
 TDF,TIDOCCT,TC\$OCT,0,047401,02

TDF,TIDBJP,JCP,0,044400,1

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTTY0A	06/11/74	26	CTTY0A	TBTY0A #LTY0A

#ITY0A #ATY0A
!TY00

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTTY1A	06/11/74	26	CTTY1A	TBTY1A #LTY1A

#ITY1A #ATY1A
!TY10

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTTY2A	06/11/74	26	CTTY2A	TBTY2A #LTY2A

#ITY2A #ATY2A
!TY20

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTTY3A	06/11/74	26	CTTY3A	TBTY3A #LTY3A

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTTY4A	06/11/74	26	CTTY4A	#ITY3A #ATY3A !TY30 TBTY4A #LTY4A #ITY4A #ATY4A
CTTY5A	06/11/74	26	CTTY5A	!TY40 TBTY5A #LTY5A #ITY5A #ATY5A
CTTY6A	06/11/74	26	CTTY6A	!TY50 TBTY6A #LTY6A #ITY6A #ATY6A
CTCT0A	06/11/74	26	CTCT0A	!TY60 TBCT0A #LCT0A #ICT0A #ACT0A
CTCT1A	06/11/74	26	CTCT1A	!CT00 TBCT1A #LCT1A #ICT1A #ACT1A
CTCT2A	06/11/74	26	CTCT2A	!CT10 TBCT2A #LCT2A #ICT2A #ACT2A
CTCT3A	06/11/74	26	CTCT3A	!CT20 TBCT3A #LCT3A #ICT3A #ACT3A
CTCT4A	06/11/74	26	CTCT4A	!CT30 TBCT4A #LCT4A #ICT4A #ACT4A
CTCT5A	06/11/74	26	CTCT5A	!CT40 TBCT5A #LCT5A #ICT5A #ACT5A
CTCT6A	06/11/74	26	CTCT6A	!CT50 TBCT6A #LCT6A #ICT6A #ACT6A

A28593F

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTCR0A	06/07/74	144	CTCR0A	!CT60 TBCR0A #ACR0A !BCR0A
CTCP0A	01/25/74	146	CTCP0A	EXTERNAL NAMES TBCP0A #ACP0A !BCP0A
CTPT0A	01/25/74	25	CTPT0A	EXTERNAL NAMES TBPT0A #APT0A
CTPT1A	01/25/74	25	CTPT1A	EXTERNAL NAMES TBPT1A #APT1A
CTLPOA	06/11/74	55	CTLPOA	EXTERNAL NAMES TBLPOA #ALPOA !BLPOA
CTLPIA	06/11/74	55	CTLPIA	EXTERNAL NAMES TBLPIA #ALPIA !BLPIA
CTLPA2A	03/24/75	55	CTLPA2A	EXTERNAL NAMES TBLPA2A #ALPA2A !BLPA2A
CTLPA3A	03/24/75	55	CTLPA3A	EXTERNAL NAMES TBLPA3A #ALPA3A !BLPA3A
CTLPOD	07/27/74	210	CTLPOD	EXTERNAL NAMES V\$WRIT V\$SWOD TBLPOD #ALPOD !BLPOD
CTLPID	07/27/74	210	CTLPID	EXTERNAL NAMES V\$WRIT V\$SW1D TBLPID #ALPID !BLPID
CTLPOD	07/27/74	210	CTLPOD	EXTERNAL NAMES V\$WRIT V\$SW2D TBLPOD #ALPOD !BLPOD
CTLPOE	07/27/74	210	CTLPOE	EXTERNAL NAMES V\$SWOE TBLPOE #ALPOE !BLPOE
CTLPIE	07/27/74	210	CTLPIE	EXTERNAL NAMES V\$SW1E TBLPIE #ALPIE !BLPIE

A29F937

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTLP2E	07/27/74	210	CTLP2E	V\$SW0G TBLP2E
				#ALP2E !BLP2E
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTLP0G	07/27/74	210	CTLP0G	V\$SW0G TBLP0G
				#ALP0G !BLP0G
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTLP1G	07/27/74	210	CTLP1G	V\$SW1G TBLP1G
				#ALP1G !BLP1G
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTLP2G	07/27/74	210	CTLP2G	V\$SW2G TBLP2G
				#ALP2G !BLP2G
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTLP0H	07/27/74	210	CTLP0H	V\$SW0H TBLP0H
				#ALP0H !BLP0H
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTLP1H	07/27/74	210	CTLP1H	V\$SW1H TBLP1H
				#ALP1H !BLP1H
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTLP2H	07/27/74	210	CTLP2H	V\$SW2H TBLP2H
				#ALP2H !BLP2H
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTLP0J	07/27/74	261	CTLP0J	V\$SW0J TBLP0J
				#ALP0J !BLP0J
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTLP1J	07/27/74	261	CTLP1J	V\$SW1J TBLP1J
				#ALP1J !BLP1J
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTLP2J	07/27/74	261	CTLP2J	V\$SW2J TBLP2J
				#ALP2J !BLP2J
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTMT0A	01/25/74	23	CTMT0A	TBMT0A #TMT0A
				#AMT0A !BMT0A
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTMT1A	01/25/74	23	CTMT1A	TBMT1A #TMT1A
				#AMT1A !BMT1A
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTMT2A	01/25/74	23	CTMT2A	TBMT2A #TMT2A
				#AMT2A !BMT2A
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTMT3A	01/25/74	23	CTMT3A	TBMT3A #TMT3A

ID NAME	DATE	SIZE	ENTRY NAMES	#AMT3A EXTERNAL	!BMT3A NAMES
CTD0A	01/25/74	240	CTD0A	TBD0A #AD0A !PD02A !PD00A	#TD0A !PD03A !PD01A !BD0A
CTD1A	01/25/74	240	CTD1A	TBD1A #AD1A !PD12A !PD10A	#TD1A !PD13A !PD11A !BD1A
CTD2A	01/25/74	240	CTD2A	TBD2A #AD2A !PD22A !PD20A	#TD2A !PD23A !PD21A !BD2A
CTD3A	01/25/74	240	CTD3A	TBD3A #AD3A !PD32A !PD30A	#TD3A !PD33A !PD31A !BD3A
CTD0B	01/25/74	242	CTD0B	TBD0B #AD0B !PD02B !PD00B	#TD0B !PD03B !PD01B !BD0B
CTD1B	01/25/74	242	CTD1B	TBD1B #AD1B !PD12B !PD10B	#TD1B !PD13B !PD11B !BD1B
CTD2B	01/25/74	242	CTD2B	TBD2B #AD2B !PD22B !PD20B	#TD2B !PD23B !PD21B !BD2B
CTD3B	01/25/74	242	CTD3B	TBD3B #AD3B !PD32B !PD30B	#TD3B !PD33B !PD31B !BD3B

A29674

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTD0C	01/25/74	253	CTD0C	TBD0C #TD0C #AD0C !PD03C !PD02C !PD01C !PD00C !RD0C
CTD1C	01/25/74	253	CTD1C	TBD1C #TD1C #AD1C !PD13C !PD12C !PD11C !PD10C !RD1C
CTD2C	07/19/74	253	CTD2C	TBD2C #TD2C #AD2C !PD23C !PD22C !PD21C !PD20C !RD2C
CTD3C	07/19/74	253	CTD3C	TBD3C #TD3C #AD3C !PD33C !PD32C !PD31C !PD30C !RD3C
CTD0D	01/25/74	250	CTD0D	TBD0D #TD0D #AD0D !PD03D !PD02D !PD01D !PD00D !RD0D
CTD1D	01/25/74	250	CTD1D	TBD1D #TD1D #AD1D !PD13D !PD12D !PD11D !PD10D !RD1D
CTD2D	01/25/74	250	CTD2D	TBD2D #TD2D #AD2D !PD23D !PD22D !PD21D !PD20D !RD2D
CTD3D	01/25/74	250	CTD3D	TBD3D #TD3D #AD3D !PD33D !PD32D !PD31D !PD30D !RD3D
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES

CTCI0A	08/01/74	21	CTCI0A	TBCI0A #MCI0A
				#DCI0A #ACI0A
				!BCI0A
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTCI1A	08/01/74	21	CTCI1A	TBCI1A #MCI1A
				#DCI1A #ACT1A
				!BCI1A
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTCI2A	08/01/74	21	CTCI2A	TBCI2A #MCI2A
				#DCI2A #ACI2A
				!BCI2A
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTCI3A	08/01/74	21	CTCI3A	TBCI3A #MCI3A
				#DCI3A #ACI3A
				!BCI3A
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTCI4A	03/25/75	21	CTCI4A	TBCI4A #MCI4A
				#DCI4A #ACI4A
				!BCI4A
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTCI5A	03/25/75	21	CTCI5A	TBCI5A #MCI5A
				#DCI5A #ACI5A
				!BCI5A
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTCI6A	03/25/75	21	CTCI6A	TBCI6A #MCI6A
				#DCI6A #ACI6A
				!BCI6A
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTCI7A	03/25/75	21	CTCI7A	TBCI7A #MCI7A
				#DCI7A #ACI7A
				!BCI7A
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTC00A	08/01/74	32	CTC00A	TBC00A #AC00A
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTC01A	08/01/74	32	CTC01A	TBC01A #AC01A
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTC02A	08/01/74	32	CTC02A	TBC02A #AC02A
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTC03A	08/01/74	32	CTC03A	TBC03A #AC03A
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTC04A	04/21/75	32	CTC04A	TBC04A #AC04A

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTC05A	04/21/75	32	CTC05A	TBC05A #AC05A
CTC06A	04/21/75	32	CTC06A	TBC06A #AC06A
CTC07A	04/21/75	32	CTC07A	TBC07A #AC07A
CTSP0A	03/18/75	541	V\$SPIN CTSP0A	V\$SPST V\$SPMT

V\$SPMC V\$SPMB
V\$SPIR V\$LEVT
V\$IOST V\$IOC
V\$FNR V\$EXEC
V\$ERR TBSP0A

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTSP1A	03/18/75	315	CTSP1A	V\$SPIR V\$IOC

TBSP1A

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTSP2A	03/18/75	541	CTSP2A	V\$SPIR V\$IOC

TBSP2A

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTSP3A	03/18/75	315	CTSP3A	V\$SPIR V\$IOC

TBSP3A

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTSP4A	03/18/75	541	CTSP4A	V\$SPIR V\$IOC

TBSP4A

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTSP5A	03/18/75	315	CTSP5A	V\$SPIR V\$IOC

TBSP5A

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTSP6A	03/18/75	541	CTSP6A	V\$SPIR V\$IOC

TBSP6A

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTSP7A	04/16/75	315	CTSP7A	V\$SPIR V\$IOC

TBSP7A

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTWCS	01/29/74	110	V\$WCSO V\$WCSI	V\$EXEC #AWCS

V\$WCSF V\$WCSE
V\$WCS CTWCS

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTTC0A	06/23/75	446	VT\$LTT TC\$TCD	TYWRIT TYREAD
			TC\$OCM CTTC0A	TYFUNC TRTC0A

ID NAME	DATE	SIZE	ENTRY NAMES	#ATCOA	EXTERNAL NAMES
CCSCBS	04/17/75	125	CCSCBS CCSCBF	CCSSTR	CCSFLG
				CCSFIL	CCSEND
				CCSEMT	

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTMX0A	06/24/74	27	CTMX0A	VSLCW0 TRMX0A
				C52XMT C52SST
				C52RCV C52PL0
				C52LLT C52FUN
				BCTX0A #AMX0A

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTMX1A	06/24/74	27	CTMX1A	VSLCW1 TRMX1A
				C52XMT C52SST
				C52RCV C52PL1
				C52LLT C52FUN
				BCTX1A #AMX1A

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTMX2A	06/24/74	27	CTMX2A	VSLCW2 TRMX2A
				C52XMT C52SST
				C52RCV C52PL2
				C52LLT C52FUN
				BCTX2A #AMX2A

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CTMX3A	06/24/74	27	CTMX3A	VSLCW3 TRMX3A
				C52XMT C52SST
				C52RCV C52PL3
				C52LLT C52FUN
				BCTX3A #AMX3A

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
HSSFLG	03/11/74	1	HSSFLG	
HSCOMN	04/30/74	45	H\$XQLN H\$XMTQ	
			H\$TRSZ H\$RDST	
			H\$RCVQ H\$PUST	
			H\$PRST H\$OUST	
			H\$OPCU H\$OIST	

A25194R

H\$UDST H\$NPUS
H\$NPRS H\$NODS

H\$NIDS H\$MAP
H\$INST H\$CPMN
H\$COMB H\$BZ3

H\$BZ2 H\$BZ1

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$IOC	07/23/75	2053	V\$IOST V\$IOC	V\$EXEC V\$DISP

V\$FNRM V\$FNR
V\$ERR V\$BIC
IOFOOD

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$SERV	05/23/75	1415	V\$TBSR V\$EXEC V\$ALTB	V\$DP1 V\$DISP TIDSL2 SSFCB

SIFCB POFCB
PIFCB LOFCB
GOFCB BOFCB

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$SYTASK	04/22/75	2550	V\$SAL V\$FNIS V\$EROR V\$EMP	V\$IOST V\$IOC V\$EXEC V\$DP1 V\$DISP TIDSL2

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$FUNC	07/23/75	1604	V\$PFUP V\$PFDN V\$MPJP V\$MPER V\$IHD V\$FPP	V\$LHD V\$IOST V\$IOC V\$EXEC V\$END V\$EMP

V\$DP1 V\$DISP
V\$CLOK IFLAG
DISP1

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$STWD	03/17/75	43	V\$STWD V\$SCPT	V\$EXEC

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$SPLC	01/31/74	1143	V\$SPTT V\$SPTB V\$SPST V\$SPLP V\$SPIR	V\$SPRS V\$SPRM V\$SPQT V\$SPQB V\$SPPB V\$SPEM

V\$SPDT V\$SPDB
V\$SPAR V\$SPAM
V\$EXEC

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$SPRM	01/31/74	451	V\$SPSB V\$SPRS V\$SPRM V\$SPQT	V\$SPTT V\$SPTB V\$SPST V\$EXEC

V\$SPQS V\$SPQB
 V\$SPPB V\$SPMT
 V\$SPMC V\$SPMB
 V\$SPEM V\$SPDT
 V\$SPDB V\$SPAR

V\$SPAM

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VSTYA	07/14/75	1614	VSTYA	V\$FNRM V\$FNR V\$EXEC V\$ERR H\$SFLG
VZDA	01/29/74	1545	VZDA	V\$IOST V\$IOC V\$FNR V\$EXEC V\$ERR V\$BIC
VZMTA	01/29/74	1024	VZMTA	V\$FNR V\$EXEC V\$ERR V\$BIC
VZDB	02/22/74	1750	VZDB	V\$IOST V\$IOC V\$FNR V\$EXEC V\$ERR V\$BIC
VZDC	01/29/74	2324	VZDC	V\$IOST V\$IOC V\$FNR V\$EXEC V\$ERR V\$BIC
VZDD	03/26/75	2273	VZDD	V\$IOST V\$IOC V\$FNR V\$EXEC V\$ERR V\$BIC
VZCRA	03/04/75	646	VZCRA	V\$FNR V\$EXEC V\$ERR V\$BIC
VZLPA	08/14/74	511	VZLPA	V\$FNR V\$EXEC V\$ERR V\$BIC
VZLPDX	11/04/74	1142	V\$WRIT	V\$TOFM V\$STEP V\$STBO V\$SPAC
V\$CLPS	12/12/74	1573	V\$TOFM V\$STPL V\$STEP V\$STBO	V\$FNR V\$EXEC V\$ERR V\$BIC

A29894P

ID NAME	DATE	SIZE	V\$SPAC ENTRY NAMES	V\$CLPS EXTERNAL NAMES
VZCPA	04/09/75	653	VZCPA	V\$FNR V\$EXEC V\$ERR V\$BIC
VZPTA	04/29/74	744	VZPTA	V\$FNR V\$EXEC V\$ERR
VZCIA	07/30/74	434	VZCIA	V\$FNR V\$EXEC V\$ERR V\$BIC
VZCOA	01/30/74	223	VZCOA	V\$FNR V\$EXEC V\$ERR
VZSPA	03/18/75	227	VZSP7A VZSP6A VZSP5A VZSP4A VZSP3A VZSP2A VZSP1A VZSP0A V\$LEVT	V\$SPSB V\$SPQS V\$SPIN V\$IOST V\$IOC V\$FNR V\$EXEC V\$ERR
TC\$CEX	07/07/75	705	TC\$FWR TC\$FRR TC\$FRQ TC\$CRQ TC\$CEX TC\$BRQ	V\$IOC V\$EXEC TC\$TCD
TYREAD	06/30/75	3232	TYWRIT TYREAD TYFUNC	VT\$PTM VT\$MP1 VT\$GTM V\$EXEC TC\$FWR TC\$FRR TC\$CRQ TC\$BRQ
VT\$TCQ	06/13/75	437	VT\$TCQ TC\$OCT	VT\$PTM VT\$MP1 VT\$LTT VT\$GTM V\$FNRM V\$EXEC V\$ERR TIDTEX TIDOC TC\$OCM TC\$FRQ TC\$CRQ TC\$BRQ
VT\$PTM	03/04/74	37	VT\$PTM	V\$EXEC
VT\$GTM	03/04/74	47	VT\$GTM	V\$EXEC

VT\$BMT ID NAME	03/04/74 DATE	70 SIZE	VT\$BMT ENTRY NAMES	V\$EXEC EXTERNAL NAMES
C52CIH	03/04/74	56	C52CIH	VTSTAK VTPUSH VTPOP CCSMET
				EXTERNAL NAMES
C52FUN	04/17/75	1050	C52FUN	VTPUSH V\$POLL CC\$SCW CC\$ORQ CC\$FCW CC\$CRQ
				C52SST C52RCW
				EXTERNAL NAMES
C52IWP	07/08/74	301	C52IWP	V\$DISP CC\$RCF CC\$MET CC\$CBF CC\$ACE
				EXTERNAL NAMES
C52LIP	05/18/75	734	C52LIP	V\$DISP TIDIWP CC\$MET CC\$CBS
				EXTERNAL NAMES
C52RCR	03/04/74	60	C52RCR	
C52RCV	03/07/74	314	C52RCV	VTPUSH CC\$SCW CC\$FRR CC\$FCW CC\$CRQ C52SST C52RCW
C52RCW	03/04/74	36	C52RCW	
C52SST	04/17/75	100	C52SST	VTSTAK VTPOP C52RCR
				EXTERNAL NAMES
C52XMT	05/02/75	230	C52XMT	VTPUSH CC\$SCW CC\$FWR CC\$FCW CC\$CRQ C52SST C52RCW
				EXTERNAL NAMES
CC\$ACE	03/22/73	15	CC\$ACE	TIDCEX
CC\$CEX	03/07/74	340	CC\$RCF CC\$CEX	V\$EXEC CC\$LSD
				EXTERNAL NAMES
CC\$CRQ	07/02/75	166	CC\$ORQ CC\$CRQ	
CC\$FCW	03/07/74	21	CC\$FCW	VTSTAK VTPOP

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CC\$FRR	03/07/74	51	CC\$FWR CC\$FRR	
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CC\$OCL	04/17/75	14	CC\$OCL	V\$EXEC
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CC\$SCW	04/17/75	271	CC\$SCW	VTSTAK VTPUSH VTPOP CC\$FCW
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VT\$IOC	04/17/75	434	VT\$IOC	VTSTAK VTPUSH VTPOP V\$FNRM TIDOCCL CC\$RCF CC\$ORQ CC\$OCM CC\$CRQ CC\$ACE
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VTPOP	03/07/74	41	VTPOP	VTVOLA VTSTAK
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
VTPUSH	03/07/74	37	VTPUSH	VTVOLA VTSTAK
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$RERS	07/28/75	7130	V\$RERS V\$RERR V\$RFRN V\$RER1	V\$EXEC SSFCB SIFCB POFCB PIFCB LOFCB GOFCB BOFCB BIFCB
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$RERF	07/28/75	6541	V\$RERR V\$RERN V\$RERF V\$RER1	V\$EXEC SSFCB SIFCB POFCB PIFCB LOFCB GOFCB BOFCB BIFCB
END				
CTL,PART0003				
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$SGEN3	03/02/74	10731	SGEN3	IOCS EXIT
SLM,FV\$OPC TID,V\$OPCM,2,8,106				
ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$OPCOM	01/30/74	37	V\$OPCM OSERR OSER00 OSCLR OCOUNT	V\$EXEC
ESB				
OVL,OPPRO				

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$OPPRO	01/30/74	511	OPPRO	V\$EXEC USER00 OCOUNT

ESB
OVL,OASSGN

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$OASSGN	03/10/75	625	OASSGN	OSERR OSER00 OSCLR OCOUNT

ESB
OVL,OIOLST

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$IOLST	01/30/74	636	OIOLST	V\$IIOC OSERR OSER00 OSCLR OCOUNT

ESB
OVL,OSTAT

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$OSTAT	01/30/74	404	OSTAT	V\$TBSR V\$IIOC OSERR OSCLR OCOUNT

ESB
OVL,OABORT

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$OABORT	03/13/75	637	OABORT	V\$TBSR V\$EXEC OSERR OSER00 USCLR OCOUNT

ESB
OVL,OTIME

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$OTIME	03/13/75	634	OTIME	V\$IIOC OSERR OSCLR OCOUNT

ESB

OVL,OSCHD

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$OSCHD	02/04/74	611	OSCHD	V\$EXEC OSERR OSCLR OCOUNT

ESB

OVL,OTSCH

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$OTSCH	01/30/74	623	OTSCH	V\$TBSR V\$EXEC V\$ALTB OSERR

OSCLR OCOUNT

ESB

END

SLM,FJPDUM

TID,JPDUMP,2,0,106

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$JPDUMP	01/30/74	1022	V\$DUMP	V\$IOC V\$EXEC

ESB

END

SLM,FRAZI

TID,RAZI,2,0,106

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$RAZI	02/23/74	7462	RAZI	V\$IOST V\$IOC V\$EXEC

ESB

END

SLM,FWCSRL

TID,WCSRLD,2,0,106

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
WCSRLD	01/29/74	600		V\$WCSO V\$WCSI V\$WCSF V\$WCSF V\$WCS V\$IOST V\$IOC V\$EXEC

ESB

END

SLM,FMIUTI

TID,MIUTIL,2,0,106

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
MIUTIL	03/05/75	6456	MIUTIL	V\$WCSO V\$WCSI V\$WCSF V\$WCSE V\$WCS V\$EXEC SIFCB PIFCB LOFCB INTRST INTR BTFCB \$SYST \$LUT \$JOB \$DATE

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V	01/31/74	65	V\$LLUP INTRST INTR INLINK EXIT \$SYST \$LUT \$JOB	V\$IOST V\$IOC V\$EXEC

SELOC SDATE

ESB

END

SLM,FPATCH

TID,PATCH,2,0,106

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
PATCH	06/12/75	6473		V\$STWD V\$LUT1 V\$IOST V\$IOC V\$EXEC MOVE CA2B

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CA2B	06/04/75	175	FETCH CA2B	
MOVE	03/11/75	61	MOVE	

ESB

END

SLM,BTPTC

TID,BTPTCH,2,0,106

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
BTPTCH	04/30/75	516		V\$STWD V\$IOST V\$IOC V\$EXEC

ESB

END

SLM,BJCP

TID,JCP,1,0,105

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$JCP	03/04/75	4212	V\$JCP	V\$IOST V\$IOC V\$EXEC SSFCB SIFCB POFCB PIFCB LOFCB GOFCB BOFCB BIFCB

ESB

END

SLM,BLMGEN

TID,LMGEN,1,0,105

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$LMGEN	06/11/74	15777	LMGEN	V\$IOST V\$IOC V\$EXEC SSFCB SIFCB POFCB PIFCB LOFCB

166562W

GOFCB BOFCB
BIFCB

ESB
END
SLM,BFMAIN

TID,FMAIN,1,0,105

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$FMAIN	05/19/75	16173	FMWR FMWLI	V\$IOST V\$IOC
			FMWL FMVH	V\$EXEC SSFCB
			FMRR FMPT	SIFCB POFCB
			FMMV FMLF	PIFCB LOFCB
			FMEN FMCR	GOFCB BOFCB
			FMBF FMBA	BIFCB
			FMAIN	

ESB
END
SLM,BDASMR

TID,DASMR,1,0,105

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$DASMR	06/12/75	20227	DASMR	V\$IOST V\$IOC
				V\$EXEC SSFCB
				SIFCB POFCB
				PIFCB LOFCB
				GOFCB BOFCB

ESB
END

SLM,BFORT

TID,FORT,1,5,105

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$FORT	07/23/75	10622	FORT	V\$IOST V\$IOC
				V\$EXEC SIFCB
				PIFCB LOFCB
				GOFCB BOFCB

ESB
OVL,V\$FORO

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$FORO	07/23/75	10510		V\$IOST V\$IOC
				V\$EXEC SIFCB
				PIFCB LOFCB
				GOFCB BOFCB

ESB

1296952

OVL,V\$FOR1

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$FOR1	07/23/75	3601		V\$IOST V\$IOC V\$EXEC SIFCB PIFCB LOFCB GOFCB BOFCB

ESB

OVL,V\$FOR2

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$FOR2	07/30/75	10010		V\$IOST V\$IOC V\$EXEC SIFCB PIFCB LOFCB GOFCB BOFCB

ESB

OVL,V\$FOR3

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$FOR3	07/23/75	1106		V\$IOST V\$IOC V\$EXEC SIFCB PIFCB LOFCB GOFCB BOFCB

ESB

OVL,V\$FOR4

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$FOR4	07/23/75	423		V\$IOST V\$IOC V\$EXEC SIFCB PIFCB LOFCB GOFCB BOFCB

ESB

END

SLM,BSMAIN

TID,SMAIN,1,0,105

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$SMAIN	01/30/74	15777	SMAIN	V\$IOC V\$EXEC

ESB

END

SLM,BSEDIT

TID,SEdit,1,0,105

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$SEdit	02/04/74	17614	SEdit	V\$IOST V\$IOC V\$EXEC SSFCB SIFCB POFCB

A225953

PIFCB LOFCB
GOFCB BOFCB
BIFCB

ESB
END

SLM,BCONC

TID,CONC,1,0,105

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$CONC	09/24/74	15547	CONC	V\$IOST V\$IOC V\$EXEC SSFCB LOFCB

ESB
END

SLM,BIOUTI

TID,IOUTIL,1,0,105

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$IOUTIL	04/14/75	7025	V\$IUTL	V\$IOC V\$EXEC SSFCB SIFCB POFCB PIFCB LOFCB GOFCB BOFCB BIFCB

ESB
END

SLM,BVSORT

TID,VSORT,1,0,105

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
MERGE	07/02/75	4264	XSF3 XSF2 XSF1 XIT1 WRT5 TLFC SRTC S3CB S3CA S2CLS S2CB S2CA S1CLS S1CB S1CA OFCLS OFCA OFCA MOVE LUSB LUS IFRD IFCLS IFCB IFCA CTLS COMP CLR5 BTOA	XIT2 V\$IOST V\$IOC V\$EXEC SRT1 SINI

123095

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
Sort	07/02/75	6200	XIT2 SRT1	XSF2 XSF1
			SINI	XIT1 WRT5
				V\$IOST V\$IOC
				V\$EXEC TLFC
				SRTC SIFCB
				S3CB S3CA
				S2CLS S2CB
				S2CA S1CLS
				S1CB S1CA
				OFCB OFCA
				MOVE LUSB
				LU5 IFRD
				IFCB IFCA
				GOFB CTLS
				COMP CLR5
				BTOA

ESB
END
SLM,BRPGC

TID,RPGC,1,0,105

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
RPGC	07/30/74	13612	RPGC	V\$IOST V\$IOC
				V\$EXEC PIFCB
				LOFCB BOFCB

ESB

END

SLM,BRPGRT

TID,RPGRT,1,0,105

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
RPGRT	06/14/75	14000	RPGRT	V\$IOST V\$IOC
				V\$EXEC GOFB

ESB

END

SLM,BMIDAS

TID,MIDAS,1,0,105

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
MIDAS	02/02/74	17110	MIDAS	V\$IOST V\$IOC
				V\$EXEC SSFCB
				SIFCB POFCB
				PIFCB LOFCB

BOFCB

ESB

END

SLM,BMICSI

TID,MICSIM,1,0,105

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
MICSIM	04/29/75	15677	SMLTR EXC	MMEM EMEM
				V\$LLUP PIFCB INTRST INLINK BIFCB \$LUT \$ELOC \$DRM1D \$DRM1B \$DBUF
				SIFCB LOFCB INTR EXIT \$SYST \$JOB \$DRM2 \$DRM1C \$DRM1 \$DATE

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
CCSMDL	03/21/75	4200	\$DRM2 \$DRM1C \$DRM1	\$DRM1D \$DRM1B \$DBUF
V	01/31/74	65	V\$LLUP INTR EXIT \$LUT \$ELOC	INTRST INLINK \$SYST \$JOB \$DATE

ESB

END

CTL,PART0004

ID NAME	DATE	SIZE	ENTRY NAMES	EXTERNAL NAMES
V\$SGEN4	05/05/75	4772	SGEN4	IOCS EXIT

CTL,ENDOFSGL

15:44:13 /LOAD,JSEDT

*BLD

```

1  * * E O F * * NO 1
2  /JOB,BSCOM
3  /KPMODE,0
4  /C, LOAD THE BASIC OM MODULES
5  /C, EXECUTE--TO LOAD THE BASIC OM LIBRARY ROUTINES(OM IS INITIALIZED)
6  /C, TO BYPASS JOB STREAM SKIP 2 FILES
7  /ASSIGN,SI,OC
8  /ASSIGN,BI,SI
9  /FMAIN
10 INIT,OM,D
11 INPUT,BI
12 ADD,OM,D

```

*****	V\$FORTIO	*	07/18/75	*****
*****	\$DO	*	06/24/74	*****
*****	\$CG	*	06/24/74	*****
*****	\$SE	*	06/24/74	*****
*****	STOPAUS	*	07/10/75	*****
*****	V\$FORTDA	*	07/10/75	*****
*****	V\$EE	*	06/24/74	*****
*****	V\$SNAP	*	04/28/75	*****
*****	V\$DEBUG	*	05/30/75	*****
*****	FMULDIV	*	06/24/74	*****
*****	FADDSUB	*	06/24/74	*****
*****	SEPMANTI	*	06/24/74	*****
*****	FNORMAL	*	06/24/74	*****
*****	XDDIVH	*	06/24/74	*****
*****	XDMULTH	*	06/24/74	*****
*****	XDADD	*	06/24/74	*****
*****	XDSUR	*	06/24/74	*****
*****	XDCOMP	*	07/17/75	*****
*****	XMUL	*	06/24/74	*****
*****	XDIV	*	06/24/74	*****
*****	SQRTH	*	08/09/74	*****
*****	IF	*	06/24/74	*****
*****	CHEB	*	06/24/74	*****
*****	RLOADAC	*	06/24/74	*****
*****	SINGLE	*	06/24/74	*****
*****	DOUBLE	*	06/24/74	*****
*****	DBLECOMP	*	06/24/74	*****
*****	AC	*	07/08/75	*****
*****	OVLAY	*	06/24/74	*****
*****	DELAY	*	06/24/74	*****
*****	LDELAY	*	06/11/75	*****
*****	PMSK	*	06/24/74	*****
*****	ALOC	*	06/24/74	*****
*****	RESUME	*	06/24/74	*****
*****	SUSPND	*	06/24/74	*****

A209957


```

***** EXIT * 06/24/74 *****
***** TIME * 06/24/74 *****
***** SCHED * 06/24/74 *****
***** ABORT * 06/24/74 *****
***** PASS * 06/24/74 *****
***** $RTENM * 06/24/74 *****
***** A2MT * 06/24/74 *****
***** MT2A * 06/24/74 *****
***** CB2A * 07/25/75 *****
***** CA2B * 06/04/75 *****
***** MOVE * 03/11/75 *****
***** CTIME * 03/11/75 *****
***** V$OPIO * 07/25/74 *****
***** V$IOR * 06/24/74 *****
***** V$ISHF * 06/24/74 *****
***** V$NOT * 06/24/74 *****
***** V$IEOR * 06/24/74 *****
***** V$IAND * 06/24/74 *****

13 * * E O F * * NO 2
14 /FINI
15 * * E O F * * NO 3
16 /JOB,V$RERS
17 /KPMODE,0
18 /C, LOAD THE OM VERSION OF V$RERR, NO FIRMWARE CALLS
19 /C, EXECUTE--ONLY IF V$RERR IS NOT IN THE NUCLEUS AND V$RERR IS
20 /C, NOT TO MAKE FIRMWARE CALLS (NOT USING FPAOM).
21 /C, TO BYPASS JOB STREAM SKIP 2 FILES
22 /ASSIGN,SI,OC
23 /ASSIGN,BI,SI
24 /FMAIN
25 INPUT,BI
26 ADD,OM,D

***** V$RERS * 07/28/75 *****
27 * * E O F * * NO 4
28 /FINI
29 * * E O F * * NO 5
30 /JOB,V$RERF
31 /KPMODE,0
32 /C, LOAD THE OM VERSION OF V$RERR, WITH FIRMWARE CALLS
33 /C, EXECUTE--ONLY IF V$RERR IS NOT IN THE NUCLEUS AND V$RERR IS
34 /C, TO MAKE FIRMWARE CALLS (FPAOM OM VERSION ONLY)
35 /C, TO BYPASS JOB STREAM SKIP 2 FILES
36 /ASSIGN,SI,OC
37 /ASSIGN,BI,SI
38 /FMAIN
39 INPUT,BI
40 ADD,OM,D

***** V$RERF * 07/28/75 *****
41 * * E O F * * NO 6
42 /FINI
43 * * E O F * * NO 7

```


44 /JOB,SFTOM
 45 /KPMODE,0
 46 /C, LOAD THE SOFTWARE MATH OM MODULES
 47 /C, EXECUTE--ONLY IF NOT USING FPP OR WCS OM VERSIONS
 48 /C, TO BYPASS JOB STREAM SKIP 2 FILES
 49 /ASSIGN,SI,OC
 50 /ASSIGN,BI,SI
 51 /FMAIN
 52 INPUT,BI
 53 ADD,OM,D

*****	\$3S	*	07/23/75	*****
*****	SINCOS	*	08/16/74	*****
*****	\$9E	*	07/25/74	*****
*****	VS8G	*	07/08/75	*****
*****	REAL	*	07/08/75	*****
*****	CSQRT	*	07/08/75	*****
*****	CRMATH	*	07/08/75	*****
*****	CSINCCOS	*	07/08/75	*****
*****	CLOGCEXP	*	07/08/75	*****
*****	CCMATH	*	07/08/75	*****
*****	\$XE	*	07/25/74	*****
*****	\$YE	*	07/25/74	*****
*****	\$ZE	*	07/25/74	*****
*****	DATAN2	*	07/25/74	*****
*****	DLOG10	*	07/25/74	*****
*****	DMOD	*	07/25/74	*****
*****	DINT	*	07/25/74	*****
*****	DABS	*	07/25/74	*****
*****	DMAX1	*	07/25/74	*****
*****	DMIN1	*	07/25/74	*****
*****	DSIGN	*	11/18/74	*****
*****	\$YK	*	07/25/74	*****
*****	\$YL	*	07/25/74	*****
*****	\$YM	*	07/25/74	*****
*****	\$YN	*	07/25/74	*****
*****	DBLE	*	07/25/74	*****
*****	\$XC	*	07/25/74	*****
*****	TANH	*	07/25/74	*****
*****	ATAN2	*	07/25/74	*****
*****	ALOG10	*	07/25/74	*****
*****	AMOD	*	07/25/74	*****
*****	AINI	*	07/25/74	*****
*****	AMAX0	*	07/25/74	*****
*****	AMAX1	*	07/25/74	*****
*****	AMIN0	*	07/25/74	*****
*****	AMIN1	*	07/25/74	*****
*****	DIM	*	07/25/74	*****
*****	FLOAT	*	07/25/74	*****
*****	SNGL	*	07/25/74	*****
*****	MAX0	*	07/25/74	*****
*****	MAX1	*	07/25/74	*****

1244359

*****	MINO	*	07/25/74	*****
*****	MINI	*	07/25/74	*****
*****	MOD	*	07/25/74	*****
*****	INT	*	07/25/74	*****
*****	IDIM	*	07/25/74	*****
*****	IFIX	*	07/25/74	*****
*****	\$JC	*	07/25/74	*****
*****	\$HE	*	07/23/75	*****
*****	\$PE	*	07/29/74	*****
*****	\$QE	*	07/23/75	*****
*****	ALOG	*	08/09/74	*****
*****	EXP	*	08/09/74	*****
*****	ATAN	*	07/23/75	*****
*****	\$FLOAI	*	07/23/75	*****
*****	\$IFIX	*	07/23/75	*****
*****	IARS	*	07/23/75	*****
*****	ABS	*	07/23/75	*****
*****	ISIGN	*	07/23/75	*****
*****	SIGN	*	07/23/75	*****
*****	\$HMH	*	07/23/75	*****
*****	\$HMH	*	07/23/75	*****
*****	\$FA	*	07/23/75	*****
*****	DSINCOS	*	09/30/74	*****
*****	DATAN	*	05/20/75	*****
*****	DEXP	*	09/30/74	*****
*****	DLOG	*	09/30/74	*****
*****	DSQRT	*	04/21/75	*****
*****	POLY	*	07/23/75	*****
*****	\$DFR	*	07/23/75	*****
*****	IDINT	*	07/18/75	*****
*****	DMULT	*	07/23/75	*****
*****	DDIVIDE	*	07/23/75	*****
*****	DADDSUR	*	07/23/75	*****
*****	DNORMAL	*	07/23/75	*****
*****	DLOADAC	*	07/23/75	*****
*****	DSTOREAC	*	07/23/75	*****
*****	DIADDSUB	*	07/11/75	*****
*****	DIMULDIV	*	07/18/75	*****
*****	\$FC	*	07/06/75	*****
*****	\$D2	*	07/04/75	*****
*****	\$TC	*	07/06/75	*****
*****	\$TE	*	07/05/75	*****
*****	\$GC	*	07/10/75	*****
*****	\$6F	*	07/10/75	*****
*****	\$4C	*	07/14/75	*****
*****	\$DE	*	07/16/75	*****
*****	\$4E	*	07/14/75	*****

54 * * E O F * * NO R

55 /FINI

56 * * E O F * * NO 9

57 /JOB,ACLOM


```

58 /KPMODE,0
59 /C,      LOAD THE FLOATING POINT FIRMWARE AND ACCELLERATOR MATH OM
60 /C,      EXECUTE--ONLY IF 512 WORD WCS AND NO FPP
61 /C,      TO BYPASS JOB STREAM SKIP 2 FILES
62 /ASSIGN,SI,OC
63 /ASSIGN,BI,SI
64 /FMAIN
65 INPUT,BI
66 ADD,OM,D

```

*****	\$3S	*	07/23/74	*****
*****	SINCOS	*	08/16/74	*****
*****	\$9E	*	07/25/74	*****
*****	V\$RG	*	07/08/75	*****
*****	REAL	*	07/08/75	*****
*****	CSQRT	*	07/08/75	*****
*****	CRMATH	*	07/08/75	*****
*****	CSINCCOS	*	07/08/75	*****
*****	CLOGCEXP	*	07/08/75	*****
*****	CCMATH	*	07/08/75	*****
*****	\$XE	*	07/25/74	*****
*****	\$YE	*	07/25/74	*****
*****	\$ZE	*	07/25/74	*****
*****	DATAN2	*	07/25/74	*****
*****	DLOG10	*	07/25/74	*****
*****	DMOD	*	07/25/74	*****
*****	DINT	*	07/25/74	*****
*****	DARS	*	07/25/74	*****
*****	DMAX1	*	07/25/74	*****
*****	DMIN1	*	07/25/74	*****
*****	DSIGN	*	11/18/74	*****
*****	\$YK	*	07/25/74	*****
*****	\$YL	*	07/25/74	*****
*****	\$YM	*	07/25/74	*****
*****	\$YN	*	07/25/74	*****
*****	DBLE	*	07/25/74	*****
*****	\$XC	*	07/25/74	*****
*****	TANH	*	07/25/74	*****
*****	ATAN2	*	07/25/74	*****
*****	ALOG10	*	07/25/74	*****
*****	AMOD	*	07/25/74	*****
*****	AINI	*	07/25/74	*****
*****	AMAX0	*	07/25/74	*****
*****	AMAX1	*	07/25/74	*****
*****	AMIN0	*	07/25/74	*****
*****	AMIN1	*	07/25/74	*****
*****	DIM	*	07/25/74	*****
*****	FLOAT	*	07/25/74	*****
*****	SNGL	*	07/25/74	*****
*****	MAX0	*	07/25/74	*****
*****	MAX1	*	07/25/74	*****
*****	MIN0	*	07/25/74	*****

*****	MIN1	*	07/25/74	*****
*****	MOD	*	07/25/74	*****
*****	INT	*	07/25/74	*****
*****	IDIM	*	07/25/74	*****
*****	IFIX	*	07/25/74	*****
*****	\$JC	*	07/25/74	*****
*****	\$HE	*	07/23/74	*****
*****	\$PE	*	07/29/74	*****
*****	\$QE	*	07/23/74	*****
*****	ALOG	*	08/09/74	*****
*****	EXP	*	08/09/74	*****
*****	ATAN	*	07/23/74	*****
*****	\$FLOAT	*	07/23/74	*****
*****	\$FIX	*	07/23/74	*****
*****	IARS	*	07/23/74	*****
*****	ABS	*	07/23/74	*****
*****	ISTGN	*	07/23/74	*****
*****	SIGN	*	07/23/74	*****
*****	\$HNH	*	07/23/74	*****
*****	\$MH	*	07/23/74	*****
*****	\$FA	*	07/23/74	*****
*****	DSINCOS	*	09/30/74	*****
*****	DEXP	*	09/30/74	*****
*****	DATAN	*	05/20/75	*****
*****	DLOG	*	09/30/74	*****
*****	DSQRT	*	04/21/75	*****
*****	POLY	*	07/23/74	*****
*****	\$DFR	*	07/23/74	*****
*****	IDINT	*	07/18/75	*****
*****	DMULT	*	07/23/74	*****
*****	DDIVIDE	*	07/23/74	*****
*****	DADDSUR	*	07/23/74	*****
*****	DNORMAL	*	07/23/74	*****
*****	DLOADAC	*	07/23/74	*****
*****	DSTOREAC	*	07/23/74	*****
*****	DIADDSUB	*	07/11/75	*****
*****	DIMULDIV	*	07/18/75	*****
*****	\$FC	*	07/06/75	*****
*****	\$D2	*	07/04/75	*****
*****	\$TC	*	07/06/75	*****
*****	\$TE	*	07/05/75	*****
*****	\$GC	*	07/10/75	*****
*****	\$6E	*	07/10/75	*****
*****	\$4C	*	07/14/75	*****
*****	\$DE	*	07/16/75	*****
*****	\$4E	*	07/14/75	*****

67 * * E O F * * NO 10

68 CREATE,OM,D,WCSIMG,120,20

69 /C, USE MIUTIL TO LOAD WCS, THUS -

70 /C,

71 /C, ENTER ';ASSIGN,RI,XX' WHERE XX IS THE JOB STREAM DEVICE


```

72 /C, ' :SCHED,MIUTIL,10,FL,F'
73 /C,
74 /C, THE MICRO-UTILITY PROGRAM WILL BE LOADED, AND WILL OUTPUT
75 /C, A DEBUG PROMPT MESSAGE, TO WHICH AN 'N' IS ENTERED.
76 /C,
77 /C, MIUTIL WILL THEN OUTPUT THE PROMPT MESSAGE 'MU**', AT WHICH TIME
78 /C, THE 2 DIRECTIVES: 'LC'
79 /C, 'R' MUST BE ENTERED
80 /C, THESE WILL CAUSE MIUTIL TO LOAD WCS AND EXIT
81 /FINI

```

```

***** V1WCSFTE * 05/05/75 *****
82 * * E O F * * NO 11

```

```

83 /JOB,FPPOM
84 /KPMODE,0
85 /C, LOAD THE FLOATING POINT PROCESSOR MATH OM MODULES
86 /C, EXECUTE--ONLY IF USING FPP AND NOT USING WCS
87 /C, TO BYPASS JOB STREAM SKIP 2 FILES
88 /ASSIGN,SI,OC
89 /ASSIGN,BI,SI
90 /FMAIN
91 INPUT,BI
92 ADD,OM,D

```

*****	\$3S	*	06/24/74	*****
*****	SINCOS	*	08/16/74	*****
*****	\$9E	*	07/15/74	*****
*****	V\$8G	*	07/08/75	*****
*****	REAL	*	07/08/75	*****
*****	CSQRT	*	07/08/75	*****
*****	CRMATH	*	07/08/75	*****
*****	CSINCCOS	*	07/08/75	*****
*****	CLOGCEXP	*	07/08/75	*****
*****	CCMATH	*	07/08/75	*****
*****	\$XE	*	07/15/74	*****
*****	\$YE	*	07/15/74	*****
*****	\$ZE	*	07/15/74	*****
*****	DATAN2	*	07/15/74	*****
*****	DLOG10	*	07/15/74	*****
*****	DMOD	*	07/15/74	*****
*****	DINT	*	07/15/74	*****
*****	DABS	*	07/15/74	*****
*****	DMAX1	*	07/15/74	*****
*****	DMIN1	*	07/15/74	*****
*****	DSIGN	*	11/18/74	*****
*****	\$YK	*	07/15/74	*****
*****	\$YL	*	07/15/74	*****
*****	\$YM	*	07/15/74	*****
*****	\$YN	*	07/15/74	*****
*****	DBLE	*	07/15/74	*****
*****	\$XC	*	07/15/74	*****
*****	TANH	*	07/15/74	*****
*****	ATAN2	*	07/15/74	*****

*****	ALOG10	*	07/15/74	*****
*****	AMOD	*	07/15/74	*****
*****	AINI	*	07/15/74	*****
*****	AMAX0	*	07/15/74	*****
*****	AMAX1	*	07/15/74	*****
*****	AMINO	*	07/15/74	*****
*****	AMINI	*	07/15/74	*****
*****	DIM	*	07/15/74	*****
*****	FLOAT	*	07/15/74	*****
*****	SNGL	*	07/15/74	*****
*****	MAX0	*	07/15/74	*****
*****	MAX1	*	07/15/74	*****
*****	MIN0	*	07/15/74	*****
*****	MIN1	*	07/15/74	*****
*****	MOD	*	07/15/74	*****
*****	INT	*	07/15/74	*****
*****	IDIM	*	07/15/74	*****
*****	IFIX	*	07/15/74	*****
*****	\$JC	*	07/15/74	*****
*****	\$HE	*	06/24/74	*****
*****	\$PE	*	07/29/74	*****
*****	\$QE	*	06/25/74	*****
*****	ALOG	*	08/09/74	*****
*****	EXP	*	08/09/74	*****
*****	ATAN	*	07/16/74	*****
*****	\$FLOAT	*	06/24/74	*****
*****	\$IFIX	*	06/24/74	*****
*****	IABS	*	06/24/74	*****
*****	ABS	*	06/24/74	*****
*****	ISIGN	*	06/24/74	*****
*****	SIGN	*	06/24/74	*****
*****	\$HNH	*	06/24/74	*****
*****	\$HMH	*	06/24/74	*****
*****	ISFA	*	06/24/74	*****
*****	DSINCOS	*	09/30/74	*****
*****	DEXP	*	09/30/74	*****
*****	DATAN	*	05/20/75	*****
*****	DLOG	*	09/30/74	*****
*****	DSQRT	*	04/21/75	*****
*****	POLY	*	06/24/74	*****
*****	\$DFR	*	06/24/74	*****
*****	IDINT	*	07/18/75	*****
*****	DMULT	*	06/24/74	*****
*****	DDIVIDE	*	06/24/74	*****
*****	DADDSUB	*	06/24/74	*****
*****	DNORMAL	*	06/24/74	*****
*****	DLOADAC	*	06/24/74	*****
*****	DSTOREAC	*	06/24/74	*****
*****	DIADDSUB	*	07/11/75	*****
*****	DIMULDIV	*	07/18/75	*****
*****	\$FC	*	07/06/75	*****

*****	\$DZ	*	07/04/75	*****
*****	\$TC	*	07/06/75	*****
*****	\$TE	*	07/05/75	*****
*****	\$GC	*	07/10/75	*****
*****	\$6E	*	07/10/75	*****
*****	\$4C	*	07/14/75	*****
*****	\$DE	*	07/16/75	*****
*****	\$4F	*	07/14/75	*****

93 * * E O F * * NO 12

94 /FINI

95 * * E O F * * NO 13

96 /JOB,FPAOM

97 /KPMODE,0

98 /C, LOAD THE FLOATING POINT PROCESSOR WITH FORTRAN ENHANCEMENTS

99 /C, MATH OM

100 /C, EXECUTE--ONLY IF USING FPP AND 512 WORD WCS

101 /C, TO BYPASS JOB STREAM SKIP 2 FILES

102 /ASSIGN,SI,OC

103 /ASSIGN,BI,SI

104 /FMAIN

105 INPUT,BI

106 ADD,OM,D

*****	\$3S	*	07/19/74	*****
*****	SINCOS	*	08/16/74	*****
*****	\$9E	*	07/22/74	*****
*****	V\$8G	*	07/08/75	*****
*****	REAL	*	07/08/75	*****
*****	CSQRT	*	07/08/75	*****
*****	CRMATH	*	07/08/75	*****
*****	CSINCCOS	*	07/08/75	*****
*****	CLOGCEXP	*	07/08/75	*****
*****	CCMATH	*	07/08/75	*****
*****	\$XF	*	07/22/74	*****
*****	\$YE	*	07/22/74	*****
*****	\$ZE	*	07/22/74	*****
*****	DATAN2	*	07/22/74	*****
*****	DLOG10	*	07/22/74	*****
*****	DMOD	*	07/22/74	*****
*****	DINT	*	07/22/74	*****
*****	DABS	*	07/22/74	*****
*****	DMAX1	*	07/22/74	*****
*****	DMIN1	*	07/22/74	*****
*****	DSIGN	*	11/18/74	*****
*****	\$YK	*	07/22/74	*****
*****	\$YL	*	07/22/74	*****
*****	\$YM	*	07/22/74	*****
*****	\$YN	*	07/22/74	*****
*****	DBLE	*	07/22/74	*****
*****	\$XC	*	07/22/74	*****
*****	TANH	*	07/22/74	*****
*****	ATAN2	*	07/22/74	*****

*****	ALOG10	*	07/22/74	*****
*****	AMOD	*	07/22/74	*****
*****	AINI	*	07/22/74	*****
*****	AMAX0	*	07/22/74	*****
*****	AMAX1	*	07/22/74	*****
*****	AMINO	*	07/22/74	*****
*****	AMIN1	*	07/22/74	*****
*****	DIM	*	07/22/74	*****
*****	FLOAT	*	07/22/74	*****
*****	SNGL	*	07/22/74	*****
*****	MAX0	*	07/22/74	*****
*****	MAX1	*	07/22/74	*****
*****	MIN0	*	07/22/74	*****
*****	MIN1	*	07/22/74	*****
*****	MOD	*	07/22/74	*****
*****	INT	*	07/22/74	*****
*****	IDIM	*	07/22/74	*****
*****	IFIX	*	07/22/74	*****
*****	\$JC	*	07/22/74	*****
*****	\$HF	*	07/19/74	*****
*****	\$PE	*	07/29/74	*****
*****	\$QE	*	07/19/74	*****
*****	ALOG	*	10/09/74	*****
*****	EXP	*	10/09/74	*****
*****	ATAN	*	07/19/74	*****
*****	\$FLOAT	*	07/19/74	*****
*****	\$IFIX	*	07/19/74	*****
*****	IABS	*	07/19/74	*****
*****	ABS	*	07/19/74	*****
*****	ISIGN	*	07/19/74	*****
*****	SIGN	*	07/19/74	*****
*****	\$HNH	*	07/19/74	*****
*****	\$HMH	*	07/19/74	*****
*****	ISFA	*	07/19/74	*****
*****	DSINCOS	*	09/30/74	*****
*****	DEXP	*	09/30/74	*****
*****	DATAN	*	05/20/75	*****
*****	DLOG	*	09/30/74	*****
*****	DSQRT	*	04/21/75	*****
*****	POLY	*	07/19/74	*****
*****	\$DFR	*	07/19/74	*****
*****	IDINT	*	07/18/75	*****
*****	DMULT	*	07/19/74	*****
*****	DDIVIDE	*	07/19/74	*****
*****	DADDSUB	*	07/19/74	*****
*****	DNORMAL	*	07/19/74	*****
*****	DLOADAC	*	07/19/74	*****
*****	DSTOREAC	*	07/19/74	*****
*****	DIADDSUB	*	07/11/75	*****
*****	DIMULDIV	*	07/18/75	*****
*****	\$FC	*	07/06/75	*****

*****	\$D2	*	07/04/75	*****
*****	\$TC	*	07/06/75	*****
*****	\$TE	*	07/05/75	*****
*****	\$TE	*	07/05/75	*****
*****	\$TE	*	07/05/75	*****
*****	\$GC	*	07/10/75	*****
*****	\$6E	*	07/10/75	*****
*****	\$4C	*	07/14/75	*****
*****	\$DE	*	07/16/75	*****
*****	\$4E	*	07/14/75	*****

```

107  * * E O F * * NO 14
108 CREATE,OM,D,WCSIMG,120,20
109 /C, USE MIUTIL TO LOAD WCS, THUS -
110 /C,
111 /C, ENTER ';ASSIGN,BI,XX' WHERE XX IS THE JOB STREAM DEVICE
112 /C, ';SCHED,MIUTIL,10,FL,F'
113 /C,
114 /C, THE MICRO-UTILITY PROGRAM WILL BE LOADED, AND WILL OUTPUT
115 /C, A DEBUG PROMPT MESSAGE, TO WHICH AN 'N' IS ENTERED.
116 /C,
117 /C,MIUTIL WILL THEN OUTPUT THE PROMPT MESSAGE 'MU**',AT WHICH TIME
118 /C, THE 2 DIRECTIVES: 'LC'
119 /C, 'R' MUST BE ENTERED
120 /C, THESE WILL CAUSE MIUTIL TO LOAD WCS AND EXIT
121 /FINI

```

*****	FPPWCS	*	07/09/75	*****
-------	--------	---	----------	-------

```

122  * * E O F * * NO 15
123 /JOB,VTMOM
124 /KPMODE,0
125 /C, THE FOLLOWING JOB STREAMS SHOULD BE EXECUTED ONLY IF VTAM HAS
126 /C, BEEN INCLUDED IN THE SYSTEM.
127 /C, TO BYPASS JOB STREAM SKIP 15 FILES
128 /ASSIGN,SI,OC
129 /C,
130 /C, FMAIN IS CALLED TO CREATE THE FILES VT$DFL AND VT$DFT, WHICH
131 /C, ARE USED BY NDM TO STORE THE TERMINAL AND LINE PROTOTYPE TABLES
132 /C, IF THE FILES ARE ALREADY PRESENT IN THE FOREGROUND LIBRARY
133 /C, FMAIN WILL ISSUE A **FM02 DIAGNOSTIC WHICH THE OPERATOR SHOULD
134 /C, IGNORE BY TYPING THE LETTER 'C' ON THE 'SO' LOGICAL UNIT.
135 /C, SEE THE VORTEX REFERENCE MANUAL FOR A DETAILED DESCRIPTION
136 /C, OF FMAIN OPERATION.
137 /FMAIN
138 CREATE,FL,F,VT$DFL,120,11
139 CREATE,FL,F,VT$DFT,120,4
140 /ASSIGN,BI,SI
141 /LMGEN
142 TIDB,NDM,1,3
143 LD,BI

```

*****	NDL	*	12/21/74	*****
*****	ADVANC	*	12/21/74	*****
*****	BACKUP	*	12/21/74	*****

*****	BITSET	*	03/07/74	*****
*****	COMPAR	*	05/01/75	*****
*****	DIAG	*	12/21/74	*****
*****	GETCHR	*	12/21/74	*****
*****	GETLSD	*	12/21/74	*****
*****	HEADER	*	12/21/74	*****
*****	NUMBER	*	12/21/74	*****
*****	PUTLSD	*	12/21/74	*****
*****	PUTTCD	*	12/21/74	*****
*****	SHRINK	*	12/21/74	*****
*****	TUID	*	12/21/74	*****

144 * * E O F * * NO 16

145 LIB
146 OV,CLEAR
147 LD,BI

*****	CLEAR	*	12/21/74	*****
-------	-------	---	----------	-------

148 * * E O F * * NO 17
149 LIB

150 OV,PARSE
151 LD,BI

*****	PARSE	*	05/01/75	*****
-------	-------	---	----------	-------

152 * * E O F * * NO 18

153 LIB
154 OV,REPORT
155 LD,BI

*****	REPORT	*	12/21/74	*****
-------	--------	---	----------	-------

156 * * E O F * * NO 19

157 LIB
158 END,BL,E

159 /C, THE FOLLOWING JOB ENTERS THE EXTERNAL NAMES 'VT\$LTT' AND 'TC\$TCD'
160 /C, INTO THE OM LIBRARY. THESE EXTERNALS ARE NEEDED BY THE LOAD MODULE
161 /C, GENERATION FOR NCM, WHEN A TCM IS NOT INCLUDED IN THE VTAM SYSGEN.
162 /FINI

163 /JOB,ADDOM
164 /KPMODE,0

165 /C, THIS JOB ENTERS THE EXTERNALS 'VT\$LTT' AND 'TC\$TCD' INTO OM.

166 /ASSIGN,BI,SI
167 /FMAIN
168 INPUT,BI

169 ADD,OM,D

*****		*	07/11/73	*****
-------	--	---	----------	-------

170 * * F O F * * NO 20

171 /ENDJOB

172 /C, THE FOLLOWING JOB LOADS THE NETWORK CONTROL MODULE.

173 /FINI

174 /JOB,LOADNCM

175 /KPMODE,0

176 /C, LOAD THE NETWORK CONTROL MODULE ON TO THE FOREGROUND LIBRARY.

177 /ASSIGN,BI,SI

178 /LMGEN

179 TIDR,NCM,2,0

180 LD,RI

***** NCM

* 03/04/74 *****

181 * * E O F * * NO 21

182 LIB

183 END,FL,F

184 /C, THE FOLLOWING JOB LOADS THE LINE OPEN/CLOSE TASK

185 /FINI

186 /JOB,LOADOCL

187 /KPMODE,0

188 /C, LOAD THE LINE OPEN/CLOSE TASK ON TO THE FOREGROUND LIBRARY.

189 /ASSIGN,BI,SI

190 /LMGEN

191 TIDR,VT\$OCL,2,0

192 LD,RI

***** VT\$OCL

* 03/04/74 *****

193 * * E O F * * NO 22

194 LIB

195 END,FL,F

196 /C, THE FOLLOWING JOB LOADS THE OPEN/CLOSE JCP DIRECTIVE PROCESSORS.

197 /FINI

198 /JOB,LOADJOC

199 /KPMODE,0

200 /C, LOAD THE JCP /OPEN AND /CLOSE DIRECTIVE PROCESSORS ON TO

201 /C, THE BACKGROUND LIBRARY.

202 /ASSIGN,BI,SI

203 /LMGEN

204 TIDR,OPEN,1,0

205 LD,RI

***** OPEN

* 03/04/74 *****

206 * * E O F * * NO 23

207 LIB

208 END,BL,E

209 TIDR,CLOSE,1,0

210 LD,RI

***** CLOSE

* 03/04/74 *****

211 * * E O F * * NO 24

212 LIB

213 END,BL,F

214 /C, THE FOLLOWING JOB LOADS THE VTAM FORTRAN OBJECT TIME MODULES.

215 /FINI

216 /JOB,LOADFOC

217 /C, LOAD THE FORTRAN OBJECT TIME MODULES TO OPEN AND CLOSE

218 /C, TERMINALS AND LINES ON TO THE OM LIBRARY.

219 /ASSIGN,BI,SI

220 /FMAIN

221 INPUT,BI

222 ADD,OM,D

***** VT\$UPN

* 03/04/74 *****

223 * * E O F * * NO 25

224 ADD,UM,D

***** VT\$CLS

* 03/04/74 *****


```

225  * * F O F * * NO 26
226 /ENDJOB
227 /C,*****
228 /C, THE FOLLOWING JOB SHOULD NOT BE RUN FOR VTAM SYSTEMS WITHOUT A TCM.
229 /C, IF THIS IS THE CASE THEN THIS COMPLETES THE VTAM JOB STREAM
230 /C,*****
231 /C, THE FOLLOWING JOB STREAM LOADS THE TERMINAL OPEN/CLOSE TASK
232 /C, ON TO THE FOREGROUND LIBRARY.
233 /FINI
234 /JOB,LOADOCT
235 /C, LOAD THE TERMINAL OPEN/CLOSE TASK AND OVERLAYS ON TO THE
236 /C, FOREGROUND LIBRARY
237 /ASSIGN,BT,SI
238 /LMGEN
239 TIDR,VT$OCT,2,2
240 LD,RI
          ***** VT$OCT * 05/02/75 *****
241  * * F O F * * NO 27
242 LIB
243 OV,TIYTCM
244 LD,RI
          ***** TIYTCM * 03/04/74 *****
245  * * E O F * * NO 28
246 LIB
247 OV,DUMMY
248 LD,RI
          ***** DUMMYT * 03/04/74 *****
249  * * E O F * * NO 29
250 LIB
251 END,FL,F
252 /C, THIS COMPLETES THE VTAM JOB STREAM
253 /FINI
254  * * F O F * * NO 30
255 /JOB,BDPOM
256 /KPMODE,0
257 /C, LOAD THE BASIC DATA PLOT OM MODULES
258 /C, EXECUTE--ALWAYS IF DATA PLOT IS DESIRED
259 /C, TO BYPASS JOB STREAM SKIP 2 FILES
260 /ASSIGN,SI,OC
261 /ASSIGN,BI,SI
262 /FMAIN
263 INPUT,BI
264 ADD,UM,D
          ***** PLOTS * 08/12/74 *****
          ***** PLOT * 08/12/74 *****
          ***** V$DPCN * 08/12/74 *****
          ***** APPEND * 08/12/74 *****
          ***** DPSORT * 08/12/74 *****
          ***** DPLOT * 08/12/74 *****
          ***** MATRIX * 08/12/74 *****
265  * * F O F * * NO 31

```


266 /FINI
 267 * * E O F * * NO 32
 268 /JOB,VDPOM
 269 /KPMODE,0
 270 /C, THIS JOB STREAM SHOULD BE RUN IF THE VORTEX COMPATABLE
 271 /C, DATA PLOT ROUTINES ARE TO BE LOADED INTO THE OM LIBRARY
 272 /C, NOTE--THIS SHOULD NOT BE RUN IF THE MOS COMPATABLE ROUTINES
 273 /C, JOB STREAM IS TO BE RUN
 274 /C, TO BYPASS JOB STREAM SKIP 2 FILES
 275 /ASSIGN,SI,OC
 276 /ASSIGN,BI,SI
 277 /FMAIN
 278 INPUT,BI
 279 ADD,OM,D

*****	AXISV	*	12/21/74	*****
*****	LINEV	*	12/21/74	*****
*****	NUMBRV	*	12/21/74	*****
*****	SCALEV	*	12/21/74	*****
*****	SYMBOLV	*	08/12/74	*****

280 * * E O F * * NO 33

281 /FINI

282 * * E O F * * NO 34

283 /JOB,MDPOM

284 /KPMODE,0

285 /C, THIS JOB STREAM SHOULD BE RUN IF THE MOS COMPATABLE

286 /C, DATA PLOT ROUTINES ARE TO BE LOADED INTO THE OM LIBRARY

287 /C, NOTE--THIS SHOULD NOT BE RUN IF THE VORTEX COMPATABLE ROUTINE

288 /C, JOB STREAM IS TO BE RUN

289 /C, THIS JOB STREAM ENDS THE SGL

290 /ASSIGN,SI,OC

291 /ASSIGN,BI,SI

292 /FMAIN

293 INPUT,BI

294 ADD,OM,D

*****	SCALFM	*	12/21/74	*****
*****	DATAM	*	12/21/74	*****
*****	SYMBLM	*	12/21/74	*****
*****	AXISM	*	12/21/74	*****
*****	NUMBRM	*	12/21/74	*****
*****	CHARM	*	08/12/74	*****

295 * * E O F * * NO 35

296 /FINI

297 * * E O F * * NO 36

298 * * E O F * * NO 37

** F I N I **