

000333 IDENT DISPLAY SIMTSS 01689
PROGRAM LENGTH
BLOCKS

000000 000005 ABSOLUTE* ABSOLUTE
000000 000326 PROGRAM* LOCAL
000326 000005 LITERALS* LOCAL
000000 000052 CHANS COMMON

ENTRY POINTS

000000 C9INIT

EXTERNAL SYMBOLS

	C9CLOCK	PPCLOCK	THEEND	PRINTL	LINE	C9EXIT		
000004			ORG		4		SIMTSS	01690
000004	23032211202400000000	FILENAM	DATA	6LSSCRIPT			SIMTSS	01691
			USE	0			SIMTSS	01692
			ENTRY	C9INIT			SIMTSS	01693
000000	00000000000000000000	C9INIT	DATA	0			SIMTSS	01694
000001	5110000005 +	SA1	C9CALL				SIMTSS	01695
	5120000004	SA2	FILENAM				SIMTSS	01696
000002	10611	BX6	X1				SIMTSS	01697
	22752	LX7	X2				SIMTSS	01698
	5160000000 X	SA6	=XC9EXIT				SIMTSS	01699
000003	5170000112 +	SA7	SCRIPT				SIMTSS	01700
	43673	MX6	59				SIMTSS	01701
	20673	LX6	59				SIMTSS	01702
000004	5160000000 X	SA6	C9CLOCK				SIMTSS	01703
	0400000000 +	EQ	C9INIT				SIMTSS	01704
000005	0400000000 +	EQ	*+1				SIMTSS	01705
000006	5110000010 C	SA1	CHANSTAT+8				SIMTSS	01706
	0341000020 +	IR	X1,CHANGED	PRINT LINE			SIMTSS	01707
000007	0321000001 X	PL	X1,C9EXIT+1				SIMTSS	01708
	5120000026 C	SA2	CHANDATA+8				SIMTSS	01709
000010	5130000110 +	SA3	XC0ORD				SIMTSS	01710
	43066	MX0	54				SIMTSS	01711
	15720	BX7	-X0*X2				SIMTSS	01712
000011	13427	BX4	X2-X7				SIMTSS	01713
	21456	AX4	6				SIMTSS	01714
	73640	SX6	X4				SIMTSS	01715
	21403	AX4	3				SIMTSS	01716
000012	7244777771	SX4	X4-6				SIMTSS	01717
	0324000034 +	PL	X4,COORD				SIMTSS	01718
000013	5243000220 +	SA4	DSPLY+X3				SIMTSS	01719
	5253000221 +	SA5	DSPLY+X3+1				SIMTSS	01720
000014	54640	SA6	A4				SIMTSS	01721
	54750	SA7	A5				SIMTSS	01722
	37464	IX4	X6-X4				SIMTSS	01723
	37575	IX5	X7-X5				SIMTSS	01724
000015	7263000002	SX6	X3+2				SIMTSS	01725

54630
21606
000016 0316000032 +

SA6
AX6
NZ
A3
6
X6.0FLOW

UP CHAR PTR

SIMTSS 01726
SIMTSS 01727
SIMTSS 01728

	14611		BX6	-X1		SIMTSS	01729
	54610		SA6	A1	CHANNEL = EMPTY	SIMTSS	01730
000017	0400000001 X		EQ	C9EXIT+1		SIMTSS	01731
000020	5110000326 +	CHANGED	SA1	=10H0DISPLAY=		SIMTSS	01732
	10611		BX6	X1		SIMTSS	01733
000021	5160000000 X		SA6	=XLINE		SIMTSS	01734
	6110000007		SB1	7		SIMTSS	01735
000022	66200		SB2	B0	CHAR PTR	SIMTSS	01736
000023	6130000012	LOOP2	SB3	10	CHARS	SIMTSS	01737
	7160000000		SX6	0		SIMTSS	01738
000024	5112000220 +	LOOP3	SA1	DSPLY+B2		SIMTSS	01739
	20606		LX6	6		SIMTSS	01740
	12661		BX6	X6+X1	ADD CHARACTER	SIMTSS	01741
000025	6122000001		SB2	B2+1		SIMTSS	01742
	6133777776		SB3	B3-1		SIMTSS	01743
000026	0530000024 +		NZ	B3,LOOP3		SIMTSS	01744
	6111777776		SB1	B1-1		SIMTSS	01745
000027	5066000001		SA6	A6+1		SIMTSS	01746
	0510000023 +		NZ	B1,LOOP2		SIMTSS	01747
000030	0100000000 X		RJ	=XPRINTL		SIMTSS	01748
000031	0400000057 +		EQ	DCN8		SIMTSS	01749
000032	5110000327 +	OFLOW	SA1	=10HDSPLY X CO		SIMTSS	01750
	5120000330 +		SA2	=10HORD GT 64		SIMTSS	01751
000033	0400000000 X		EQ	=XTHEEND		SIMTSS	01752
000034	14611	COORD	BX6	-X1		SIMTSS	01753
	54610		SA6	A1	CHANNEL = EMPTY	SIMTSS	01754
	0314000000 X		NZ	X4,C9EXIT	IGNORE Y COORD	SIMTSS	01755
000035	21203		AX2	3	IGNORE LOW 3 BITS	SIMTSS	01756
	15620		BX6	-X0*X2		SIMTSS	01757
	54630		SA6	A3	NEW COORD	SIMTSS	01758
000036	0400000000 X		EQ	C9EXIT		SIMTSS	01759
000037	20567	C9FUNCT	LX5	48+3+3+1		SIMTSS	01760
	0335000044 +		NG	X5,REQINPUT		SIMTSS	01761
000040	5110000053 +		SA1	STALL2		SIMTSS	01762
	10611		BX6	X1		SIMTSS	01763
000041	5160000000 X		SA6	C9EXIT		SIMTSS	01764
	5110000000 X		SA1	=XPPCLOCK		SIMTSS	01765
000042	7160000012		SX6	10		SIMTSS	01766
	36661		IX6	X6+X1		SIMTSS	01767
000043	5160000000 X		SA6	=XC9CLOCK		SIMTSS	01768
	0260000000		JP	B6	RETURN	SIMTSS	01769
000044	5110000107 +	REQINPUT	SA1	DRPT		SIMTSS	01770
	0301000065 +		ZR	X1,FILLDR		SIMTSS	01771
000045	5120000106 +		SA2	DR		SIMTSS	01772
	20206		LX2	6		SIMTSS	01773
	43066		MX0	54		SIMTSS	01774
000046	10622		BX6	X2		SIMTSS	01775
	54620		SA6	A2		SIMTSS	01776
	15620		BX6	-X0*X2		SIMTSS	01777
000047	7271777776		SX7	X1-1		SIMTSS	01778
	5160000026 C		SA6	CHANDATA+8		SIMTSS	01779
000050	54710		SA7	A1		SIMTSS	01780
	43674		MX6	60	CHANNEL = FULL-INACTIVE	SIMTSS	01781
	5160000010 C		SA6	CHANSTAT+8		SIMTSS	01782

000051 5110000061 +
10611
000052 5160000000 X

SA1 STALL
BX6 X1
SA6 =XC9EXIT

SIMTSS 01783
SIMTSS 01784
SIMTSS 01785

000053	0400000054 +	0260000000	JP	B6	RETURN	SIMTSS	01786
000054	5110000010 C	STALL2	EQ	*+1		SIMTSS	01787
	0341000001 X		SA1	CHANSTAT+8		SIMTSS	01788
000055	5110000005 +		IR	X1,C9EXIT+1		SIMTSS	01789
	10611		SA1	C9CALL		SIMTSS	01790
000056	5160000000 X		BX6	X1		SIMTSS	01791
	0400000001 X		SA6	C9EXIT		SIMTSS	01792
000057	43673	DCN8	EQ	C9EXIT+1		SIMTSS	01793
	20673		MX6	59		SIMTSS	01794
	5160000000 X		LX6	59		SIMTSS	01795
000060	0400000001 X		SA6	C9CLOCK		SIMTSS	01796
000061	0400000062 +	STALL	EQ	C9EXIT+1		SIMTSS	01797
000062	5110000010 C		EQ	*+1		SIMTSS	01798
	0331000001 X		SA1	CHANSTAT+8		SIMTSS	01799
000063	5110000005 +		NG	X1,C9EXIT+1		SIMTSS	01800
	10611		SA1	C9CALL		SIMTSS	01801
000064	5160000000 X		BX6	X1		SIMTSS	01802
	0400000001 X		SA6	=XC9EXIT		SIMTSS	01803
000065	5130000115 +	FILLDR	EQ	C9EXIT+1		SIMTSS	01804
	5120000114 +		SA3	OUT		SIMTSS	01805
000066	7160000012		SA2	IN		SIMTSS	01806
	5160000107 +		SX6	10		SIMTSS	01807
000067	37223		SA6	DRPT		SIMTSS	01808
	0302000075 +		IX2	X2-X3		SIMTSS	01809
	53430		ZR	X2,READ	SENSE IN = OUT	SIMTSS	01810
000070	10644		SA4	X3	READ WORD	SIMTSS	01811
	5160000106 +		BX6	X4		SIMTSS	01812
000071	7273000001		SA6	DR		SIMTSS	01813
	5120000116 +		SX7	X3+1		SIMTSS	01814
000072	54730		SA2	LIMIT		SIMTSS	01815
	37227		SA7	A3	UPDATE OUT	SIMTSS	01816
	0312000044 +		IX2	X2-X7		SIMTSS	01817
000073	7170000117 +		NZ	X2,REQINPUT		SIMTSS	01818
	54730		SX7	B		SIMTSS	01819
	5120000116 +		SA7	A3	OUT = FIRST	SIMTSS	01820
000074	0400000044 +		EQ	REQINPUT		SIMTSS	01821
000075	5110000112 +	READ	SA1	SCRIPT		SIMTSS	01822
	7160000012		SX6	12B		SIMTSS	01823
000076	73210		SX2	X1		SIMTSS	01824
	13112		BX1	X1-X2		SIMTSS	01825
	12661		BX6	X6+X1		SIMTSS	01826
000077	20267		SA6	A1	CHECK EOR	SIMTSS	01827
	0332000104 +		LX2	55		SIMTSS	01828
000100	5110000001		NG	X2,EOR		SIMTSS	01829
	0311000100 +		SA1	1		SIMTSS	01830
000101	5120000111 +		NZ	X1,*		SIMTSS	01831
	10622		SA2	C10		SIMTSS	01832
	54610		BX6	X2		SIMTSS	01833
000102	5110000001		SA6	A1		SIMTSS	01834
	0311000102 +		SA1	1		SIMTSS	01835
000103	0400000065 +		NZ	X1,*		SIMTSS	01836
000104	5110000331 +	EOR	EQ	FILLDR		SIMTSS	01837
	5120000332 +		SA1	=10HEOR ON SCR		SIMTSS	01838
			SA2	=10HIPT FILE		SIMTSS	01839

000105	0400000000 X		EQ	THEEND		SIMTSS	01840
000106	00000000000000000000	DR	DATA	0		SIMTSS	01841
000107	00000000000000000000	DRPT	DATA	0		SIMTSS	01842

000110	00000000000000000000	XCOORD	DATA	0	SIMTSS	01843
000111	031117200000000000112	+ CIO	VFD	18/3HCIO,2/1,40/*+1	SIMTSS	01844
000112	00000000000000000000	SCRIPT	DATA	0	SIMTSS	01845
000113	000000000000000000117	+ FIRST	VFD	60/B	SIMTSS	01846
000114	000000000000000000117	+ IN	VFD	60/B	SIMTSS	01847
000115	000000000000000000117	+ OUT	VFD	60/B	SIMTSS	01848
000116	000000000000000000220	+ LIMIT	VFD	60/B+65	SIMTSS	01849
000117		B	BSSZ	65	SIMTSS	01850
000220		DSPLY	BSSZ	70	SIMTSS	01851
			USE	/CHANS/	SIMTSS	01852
000000		CHANSTAT	BSS	8	SIMTSS	01853
000010	00000000000000000000		DATA	0	SIMTSS	01854
000011			BSS	5	SIMTSS	01855
000016		CHANDATA	BSS	8	SIMTSS	01856
000026	00000000000000000000		DATA	0	SIMTSS	01857
000027			BSS	5	SIMTSS	01858
000034		CHANFNC	BSS	8	SIMTSS	01859
000044	000000000000000000037	+	VFD	60/C9FUNCT	SIMTSS	01860
000045			BSS	5	SIMTSS	01861
			USE	*	SIMTSS	01862
000333			END		SIMTSS	01863

022671

UNUSED STORAGE

175 STATEMENTS

36 SYMBOLS

SYMBOLIC REFERENCE TABLE

B	0000117	PROGRAM*	000073,	000113,	000114,	000115,	000116
CHANDATA	0000016	CHANS	000007,	000047			
CHANGED	0000020	PROGRAM*	000006				
CHANSTAT	0000000	CHANS	000006,	000050,	000054,	000062	
CIO	0000111	PROGRAM*	000101				
COORD	0000034	PROGRAM*	000012				
C9CALL	0000005	PROGRAM*	000001,	000055,	000063		
C9CLOCK	0000000	EXTERNAL*	000004,	000043,	000057		
C9EXIT	0000000	EXTERNAL*	000002,	000007,	000017,	000034,	000036,
			000056,	000060,	000062,	000064,	000064
C9FUNCT	0000037	PROGRAM*	000044				
C9INIT	0000000	PROGRAM*	000004				
DCN8	0000057	PROGRAM*	000031				
DR	0000106	PROGRAM*	000045,	000070			
DRPT	0000107	PROGRAM*	000044,	000066			
DSPY	0000220	PROGRAM*	000013,	000013,	000024		
ECR	0000104	PROGRAM*	000077				
FILENAM	0000004		000001				
FILLDR	0000065	PROGRAM*	000044,	000103			
IN	0000114	PROGRAM*	000065				
LIMIT	0000116	PROGRAM*	000071				
LINE	0000000	EXTERNAL*	000021				
LCOP2	0000023	PROGRAM*	000027				
LCOP3	0000024	PROGRAM*	000026				
OFLOW	0000032	PROGRAM*	000016				
OUT	0000115	PROGRAM*	000065				
PPCLOCK	0000000	EXTERNAL*	000041				
PRINTL	0000000	EXTERNAL*	000030				
READ	0000075	PROGRAM*	000067				
REQINPUT	0000044	PROGRAM*	000037,	000072,	000074		
SCRIPT	0000112	PROGRAM*	000003,	000075			
STALL	0000061	PROGRAM*	000051				
STALL2	0000053	PROGRAM*	000040				
TIEEND	0000000	EXTERNAL*	000033,	000105			
XCOORD	0000110	PROGRAM*	000010				