

7030 DPS

SMFI -5B
File No. JB AX5B

SMFI-5
I-Box 5 Program
JB AX 5
April 5, 1961

1. Programs becoming obsolete: none
2. Used to provide a test of the Central Processor I-Box

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1. PURPOSE

The I-Box 5 Program provides the maintenance engineer with a test of the time clock, interval timer, mask and indicator registers, interrupt system, boundary control, execute instructions, Look-Ahead forwarding, and the proper truncation of addresses for those instructions which use only part of their address field.

2. PROGRAM INTRODUCTION

2.1. This program has been designed for use after the I-Box 1, I-Box 2, I-Box 3, and I-Box 4 programs have been run successfully.

2.2. The program operates under the control of the Sense Switch Interrogation Program (SSIP).

3. OPERATING PROCEDURE

3.1. The Sense Switch Interrogation

Program must be in the machine.

3.2. Loading Procedure (PUNFUL Cards)

3.2.1. At the maintenance console:

- 1) Depress Master Reset
- 2) Depress Start Clock
- 3) Depress IPL
- 4) Enable Maintenance Mode, Time Clock, and Interrupt.

3.2.2. Place binary deck in card reader.

3.2.3. Depress Start on card reader, the program will start itself.

3.3. Error Indications

The program operates under Sense Switch Interrogation

Program (SSIP) control, all error indication options of the SSIP Program apply to this program. Refer to the SSIP write-up.

3.4. Success Indications

All success indication options of the SSIP Program apply to this program. Refer to the SSIP write-up.

3.5. Operation Options

Refer to the SSIP write-up for all operation options.

4.0 PROGRAM PHILOSOPHY

This program is designed to test I-Box instructions and associated hardware. The entire program is under control of SSIP. Below are listed all of the routines that are part of this program, and a brief description of what each tests:

1262 Checks EX and EXIC.

1268 Checks DF and IF close to data store for all three memories. (Internal, External, and Index Memories).

1274 Checks that those instructions which can have a 19 bit address but use only 18 bits do in fact truncate the nineteenth bit.

1258 Checks the Interval Timer and Time Clock.

1260 Checks the mask register, the Interrupt Address register, the ability to interrupt, the Indicator register, unique interruption for bits 0-47, I-Box indicators, Upper and Lower Bounds registers and address monitoring and "NOP-ing" of illegal instructions.

7030 DPS

PROGRAM WRITEUP ADDENDUM

Program I-Box 5B

File No. JB AX5B

MAINTENANCE TAPE CONTROL CARD

Location/s of Exit Branch/es

1.	<u>2</u>	<u>4</u>	<u>4</u>	<u>6</u>	<u>3</u>	<u>4</u>
2.	_____	_____	_____	_____	_____	_____
3.	_____	_____	_____	_____	_____	_____
4.	_____	_____	_____	_____	_____	_____
5.	_____	_____	_____	_____	_____	_____
6.	_____	_____	_____	_____	_____	_____

Pre-Loading Manual Intervention Required ? Yes _____ No x

Pre-Loading Procedure (If Any)

SLC,64.0

000100.00

PUNID, SMFI-5B

SMFI-5B

END,64.0

100.00

000100.00

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1
0
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1

PUNID, RENKER SMFI-5B

RENKER

-APRIL 6, 1961

-FILE NUMBER JB AX5B

SLC,%8#13777.0

013777.00

PUNFUL

PRNS

SEM,6,C,G

-START SMFI-5B, MAKE DUMMY PASS TO
-SSIP FOR HOUSEKEEPING PURPOSES.

START	XW,%8#14000.0,BIT63+1.00-START,0,2	14000.00 20 214440.00 00	013777.00
	B,\$+1.0	14001.10 00	014000.00
	BD,\$+1.32	14002.04 00	014000.40
	SIC,SENO+.32	1311.40 80	014001.00
	B,SSW	1301.10 00	014001.40

----1258---CHK TIME CLOCK AND INTERVAL TIMER.

-THIS TEST IS COMPOSED OF TWO ROUTINES
-WHICH CHECK THE FOLLOWING FUNCTIONS.

-TEST 1 IS A CURSORY CHECK OF
-THE TIME CLOCK TO SEE THAT
-IT STEPS CORRECTLY WITHIN
-THE CORRECT INTERVAL OF TIME.

-TEST 2 CHECKS THAT THE INTERVAL
-TIMER STEPS WITHIN THE
-ALLOTTED AMOUNT OF TIME, AND
-THAT EACH POSITION CAN HOLD
-BOTH A ONE AND A ZERO.

158	LX,\$X1,158ID	-UPDATE IDENT.	14005.02 10	014002.00
	SX,\$X1,DPETI3		1437.03 10	014002.40
	SIC,RET		1306.40 80	014003.00
	B,IDF1		1443.10 00	014003.40
	Z,IC258		14006.22 00	014004.00
	BD,1581		14012.04 00	014004.40
	CNOP			

158ID %IQSZ#DD%BU,64,8#,1258 Z 014005.00

IC258	XW,0,0,0	-CONTINUITY REG 1258.	0.00 00 000000.00 00	014006.00
ICK258	XW,%8#600000.00,0,0		600000.00 00 000000.00 00	014007.00
158K1	XW,%8#777777.40,0,0		777777.40 00 000000.00 00	014010.00
158K2	XW,%8#1.77,0,0		1.77 00 000000.00 00	014011.00

1581	LXI,\$XI,256	-TEST I, CHECK TIME CLOCK STEPPING.	400.03 02	014012.00
	LX,\$X0,1.0		1.00 10	014012.40
	Z,\$X2		22.22 00	014013.00
	Z,\$X4		24.22 00	014013.40
	Z,\$X3		23.22 00	014014.00
	Z,\$X5		25.22 00	014014.40
	SR,\$X0,\$X2		22.01 70	014015.00
	SC,\$X0,\$X3		23.01 50	014015.40
1582	LX,\$X0,1.0		1.00 10	014016.00
	SR,\$X0,\$X4		24.01 70	014016.40
	KV,\$X4,\$X2		22.10 90	014017.00
	BZXE,1583	-IT STEPPED.	14022.32 C0	014017.40
	CB,\$XI,1582		14016.02 48	014020.00
	SIC,SEN		1310.00 80	014020.40
	B,SERS	-TIME CLOCK FAILS TO STEP IN 1 MSEC.	1304.10 00	014021.00
	B,1586		14030.10 00	014021.40
1583	SC,\$X0,\$X5		25.01 50	014022.00
	VFI,\$X2,1.0		1.05 05	014022.40
	BZXVZ,1584		14024.31 40	014023.00
	C+I,\$X3,1.0		1.07 00	014023.40
1584	KV,\$X2,\$X4		24.04 90	014024.00
	BXE,1585		14026.32 C2	014024.40
	SIC,SEN	-BITS 46-63 ARE NOT CORRECT AFTER	1310.00 80	014025.00
	B,SERS	-TIME CLOCK STEPPED.	1304.10 00	014025.40
1585	KV,\$X3,\$X5		25.06 90	014026.00
	BXE,1586		14030.32 C2	014026.40
	SIC,SEN	-BITS 28-45 ARE NOT CORRECT AFTER	1310.00 80	014027.00
	B,SERS	-TIME CLOCK STEPPED.	1304.10 00	014027.40
1586	B,\$+1.0		14031.10 00	014030.00
	BD,1581		14012.04 00	014030.40
	SIC,SEN0+.32		1311.40 80	014031.00
	B,SSW	-TO SSIP.	1301.10 00	014031.40
	BD,\$+.32		14032.44 00	014032.00
	LX,\$X13,IC258	-UPDATE CONTINUITY CHECK.	14006.32 10	014032.40
	V+,\$X13,BIT0		24522.32 B0	014033.00
	SX,\$X13,IC258		14006.33 10	014033.40

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1587	LX,\$X0,BIT18 SV,\$X0,1.0 LCI,\$X1,256	-TEST 2	24544.00 10 1.01 30 400.03 02	014034.00 014034.40 014035.00
1587A	KV,\$X0,1.0 BZXE,1588 CB,\$X1,1587A		1.00 90 14040.72 C0 14035.42 48	014035.40 014036.00 014036.40
1587B	SIC,SEN B,SERS B,15813	-INTERVAL TIMER FAILS TO STEP IN -ONE MILLISEC, TERMINATE TEST 2.	1310.00 80 1304.10 00 14055.50 00	014037.00 014037.40 014040.00
1588	LX,\$X1,1.0 KV,\$X1,100Z SIC,SEN BZXE,SERS	-INTERVAL TIMER FAILS TO STEP -FROM 000000.4 TO 000000.0. IX 1 -CONTAINS ITS NEW VALUE, 0-18.	1.02 10 24502.02 90 1310.00 80 1304.32 C0	014040.40 014041.00 014041.40 014042.00
1589	LX,\$X0,100Z SV,\$X0,1.0 LCI,\$X4,256 LX,\$X2,1.0 BZXVZ,15810 CB,\$X4,1589 B,1587B		24502.00 10 1.01 30 400.11 02 1.04 10 14046.31 40 14044.10 48 14037.10 00	014042.40 014043.00 014043.40 014044.00 014044.40 014045.00 014045.40
15810	KV,\$X2,158K1 SIC,SEN BZXE,SERS	-INTERVAL TIMER FAILS TO STEP -FROM 000000.0 TO 777777.40. IX 2 -CONTAINS ITS NEW VALUE, 0-18.	14010.04 90 1310.00 80 1304.32 C0	014046.00 014046.40 014047.00
15811	LX,\$X0,158K2 SV,\$X0,1.0 LCI,\$X3,256 KV,\$X0,1.0 BZXE,15812 CB,\$X3,15811 B,1587B		14011.00 10 1.01 30 400.07 02 1.00 90 14053.32 C0 14051.06 48 14037.10 00	014047.40 014050.00 014050.40 014051.00 014051.40 014052.00 014052.40
15812	LX,\$X3,1.0 KV,\$X3,BIT17 BXE,15813 SIC,SEN B,SERS	-INTERVAL TIMER FAILS TO STEP -FROM 000001.77 TO 000001.00. IX 3 -CONTAINS ITS NEW VALUE, 0-23.	1.06 10 24543.06 90 14055.72 C2 1310.00 80 1304.10 00	014053.00 014053.40 014054.00 014054.40 014055.00
15813	B,\$+1.0 BD,1587 SIC,SEN0+.32 B,SSW BD,\$+.32		14056.50 00 14034.04 00 1311.40 80 1301.10 00 14060.04 00	014055.40 014056.00 014056.40 014057.00 014057.40
	LX,\$X13,IC258 V+,\$X13,BIT1 SX,\$X13,IC258	-UPDATE CONTINUITY CHECK.	14006.32 10 24523.32 B0 14006.33 10	014060.00 014060.40 014061.00
	LX,\$X13,IC258 KV,\$X13,ICK258 SIC,SEN BZXE,SERS B,160	-UPDATE CONTINUITY CHECK. -CONTINUITY ERROR.	14006.32 10 14007.32 90 1310.00 80 1304.32 C0 14064.10 00	014061.40 014062.00 014062.40 014063.00 014063.40

-----I260---CHECK MASK, INDICATOR, AND INTERRUPT.

-THIS PROGRAM IS COMPOSED OF A SERIES OF
-TESTS WHICH CHECK THE FOLLOWING FUNCTIONS.

-TEST 1 CHECKS THAT THE PROGRAMMABLE
-BITS OF THE MASK REGISTER CAN
-BE SET TO BOTH ONE AND ZERO,
-THAT BITS 0-19 ARE ONE, AND
-THAT BITS 48-63 ARE ZERO.

-TEST 2 CHECKS DATA IN INTERRUPT
-ADDRESS REGISTER.

-TEST 3 CHECKS THE ABILITY TO INTERRUPT,
-AND THAT ANY 2 OF THE THREE
-NECESSARY CONDITIONS WILL NOT
-PERMIT AN INTERRUPT.

-TEST 4 CHECKS THE ABILITY OF
-IND REG BITS 20-63 TO
-CONTAIN A ONE AND ZERO.

-TEST 5 CHKS THAT AN INTERRUPT WILL
-OCCUR CORRECTLY WHEN BITS 0-47
-ARE INDIVIDUALLY SET.

-TEST 6 CHKS THAT THE FREE INTERRUPT
-INSTRUCTION IS IN FACT FREE, AND
-THAT I BOX INDS SET ONLY THE
-CORRECT INDICATORS.

-TEST 7 CHECKS DATA IN THE UPPER AND
-LOWER BOUNDARY REGISTERS AND
-CHECKS THE BOUNDARY CONTROL.

-TEST 8 IS AN ELEMENTARY CHECK TO DET-
-ERMINE THAT THE CORRECT INDICATORS
-AD, DS, DF, IF ARE TURNED ON AND
-THAT CORRECT TERMINATIONS AND
-SUPPRESSIONS OCCUR WHEN VARIOUS
-ILLEGAL ADDRESSES ARE USED WITH
-MASK BITS SET TO BOTH ONE AND
-ZERO.

9	160	LX,\$X1,I60ID	-UPDATE IDENT.	14067.02 10	014064.00
		SX,\$X1,DPET13		1437.03 10	014064.40
8		SIC,RET		1306.40 80	014065.00
		B,IDF1	-PRINT ID.	1443.10 00	014065.40
7		Z,I260		22737.22 00	014066.00
		BD,I601		14070.04 00	014066.40
6		CNOP			
5	160ID	%IQSZ=DD%BU,64,8=,I260	Z		014067.00

1601	LX,\$X0,100Z SX,\$X0,12.0 TI,1,0,12.0 TI,1,12.0,\$X0 KV,\$X0,BIT24 BXH,1602 SIC,SEN B,SERS LX,\$X13,IC260 V+,\$X13,BIT0 V+,\$X13,BIT1 V+,\$X13,BIT2 SX,\$X13,IC260 BD,16041	-TEST 1A, CHECK THAT BITS 0-19 OF -MASK REGISTER ARE ALWAYS ONES. -BIT 24 OF MASK REG STUCK ON 1,UNABLE -TO TEST ANY FURTHER BITS. -UPDATE CONTINUITY CHECK.	24502.00 10 14.01 10 0.00 80 000014.02 A0 14.00 80 000020.02 A0 24552.00 90 14100.33 42 1310.00 80 1304.10 00 22737.32 10 24522.32 B0 24523.32 B0 24524.32 B0 22737.33 10 14556.04 00	014070.00 014070.40 014071.00 014072.00 014073.00 014073.40 014074.00 014074.40 014075.00 014075.40 014076.00 014076.40 014077.00 014077.40
1602	Z,BIT0-1.0 LVI,\$X0,BIT0-1.0 SVA,\$X0,1603 V+,\$X0,1.00 SVA,\$X0,1603+.32 LCI,\$X2,20 LVI,\$X0,160B1	-BITS 0-19.	24521.22 00 24521.01 01 14105.01 D0 1.01 05 14105.41 D0 24.05 02 14113.01 01	014100.00 014100.40 014101.00 014101.40 014102.00 014102.40 014103.00
1605	SVA,\$X0,1604 TI,1,12.0,\$X1		14106.41 D0 14.00 80 000021.02 A0	014103.40 014104.00
1603	V+,\$X1,0 KV,\$X1,0 BZXL,\$+1.0		0.02 B0 0.02 90 14107.32 40	014105.00 014105.40 014106.00
1604	\$B,0		0.10 00	014106.40
	C-1,\$X2,1.0 BXCZ,1606 V+,\$X0,2.0 LV,\$X2,1603+.32 SVA,\$X2,1603 V-1,\$X2,1.0 SVA,\$X2,1603+.32 B,1605	-SUB TO INCCREMENT, BIT 24 IS 2.	1.05 08 14163.30 42 2.01 05 14105.44 30 14105.05 D0 1.05 0D 14105.45 D0 14103.50 00	014107.00 014107.40 014110.00 014110.40 014111.00 014111.40 014112.00 014112.40
160B1	SIC,SEN B,SERS B,1606 NOP	-YOU CAME TO THIS ERROR TABLE FROM 1604 -BIT 00 OF MASK REG NOT ONE. -UNABLE TO TEST ANY FURTHER BITS.	1310.00 80 1304.10 00 14163.10 00 0.30 00	014113.00 014113.40 014114.00 014114.40
	SIC,SEN B,SERS B,1606 NOP	-BIT 01 OF MASK REG NOT ONE. -UNABLE TO TEST ANY FURTHER BITS.	1310.00 80 1304.10 00 14163.10 00 0.30 00	014115.00 014115.40 014116.00 014116.40
	SIC,SEN B,SERS B,1606 NOP	-BIT 02 OF MASK REG NOT ONE. -UNABLE TO TEST ANY FURTHER BITS.	1310.00 80 1304.10 00 14163.10 00 0.30 00	014117.00 014117.40 014120.00 014120.40
	SIC,SEN B,SERS B,1606 NOP	-BIT 03 OF MASK REG NOT ONE. -UNABLE TO TEST ANY FURTHER BITS.	1310.00 80 1304.10 00 14163.10 00 0.30 00	014121.00 014121.40 014122.00 014122.40

	SIC,SEN	-BIT 04 OF MASK REG NOT ONE.	1310.00	80	014123.00
	B,SERS	-UNABLE TO TEST ANY FURTHER BITS.	1304.10	00	014123.40
	B,1606		14163.10	00	014124.00
	NOP		0.30	00	014124.40
	SIC,SEN	-BIT 05 OF MASK REG NOT ONE.	1310.00	80	014125.00
	B,SERS	-UNABLE TO TEST ANY FURTHER BITS.	1304.10	00	014125.40
	B,1606		14163.10	00	014126.00
	NOP		0.30	00	014126.40
	SIC,SEN	-BIT 06 OF MASK REG NOT ONE.	1310.00	80	014127.00
	B,SERS	-UNABLE TO TEST ANY FURTHER BITS.	1304.10	00	014127.40
	B,1606		14163.10	00	014130.00
	NOP		0.30	00	014130.40
	SIC,SEN	-BIT 07 OF MASK REG NOT ONE.	1310.00	80	014131.00
	B,SERS	-UNABLE TO TEST ANY FURTHER BITS.	1304.10	00	014131.40
	B,1606		14163.10	00	014132.00
	NOP		0.30	00	014132.40
	SIC,SEN	-BIT 08 OF MASK REG NOT ONE.	1310.00	80	014133.00
	B,SERS	-UNABLE TO TEST ANY FURTHER BITS.	1304.10	00	014133.40
	B,1606		14163.10	00	014134.00
	NOP		0.30	00	014134.40
	SIC,SEN	-BIT 09 OF MASK REG NOT ONE.	1310.00	80	014135.00
	B,SERS	-UNABLE TO TEST ANY FURTHER BITS.	1304.10	00	014135.40
	B,1606		14163.10	00	014136.00
	NOP		0.30	00	014136.40
	SIC,SEN	-BIT 10 OF MASK REG NOT ONE.	1310.00	80	014137.00
	B,SERS	-UNABLE TO TEST ANY FURTHER BITS.	1304.10	00	014137.40
	B,1606		14163.10	00	014140.00
	NOP		0.30	00	014140.40
	SIC,SEN	-BIT 11 OF MASK REG NOT ONE.	1310.00	80	014141.00
	B,SERS	-UNABLE TO TEST ANY FURTHER BITS.	1304.10	00	014141.40
	B,1606		14163.10	00	014142.00
	NOP		0.30	00	014142.40
12	SIC,SEN	-BIT 12 OF MASK REG NOT ONE.	1310.00	80	014143.00
11	B,SERS	-UNABLE TO TEST ANY FURTHER BITS.	1304.10	00	014143.40
	B,1606		14163.10	00	014144.00
10	NOP		0.30	00	014144.40
	SIC,SEN	-BIT 13 OF MASK REG NOT ONE.	1310.00	80	014145.00
9	B,SERS	-UNABLE TO TEST ANY FURTHER BITS.	1304.10	00	014145.40
8	B,1606		14163.10	00	014146.00
7	NOP		0.30	00	014146.40

	SIC,SEN	-BIT 14 OF MASK REG NOT ONE.	1310.00	80	014147.00
	B,SERS	-UNABLE TO TEST ANY FURTHER BITS.	1304.10	00	014147.40
	B,I606		14163.10	00	014150.00
	NOP		0.30	00	014150.40
	SIC,SEN	-BIT 15 OF MASK REG NOT ONE.	1310.00	80	014151.00
	B,SERS	-UNABLE TO TEST ANY FURTHER BITS.	1304.10	00	014151.40
	B,I606		14163.10	00	014152.00
	NOP		0.30	00	014152.40
	SIC,SEN	-BIT 16 OF MASK REG NOT ONE.	1310.00	80	014153.00
	B,SERS	-UNABLE TO TEST ANY FURTHER BITS.	1304.10	00	014153.40
	B,I606		14163.10	00	014154.00
	NOP		0.30	00	014154.40
	SIC,SEN	-BIT 17 OF MASK REG NOT ONE.	1310.00	80	014155.00
	B,SERS	-UNABLE TO TEST ANY FURTHER BITS.	1304.10	00	014155.40
	B,I606		14163.10	00	014156.00
	NOP		0.30	00	014156.40
	SIC,SEN	-BIT 18 OF MASK REG NOT ONE.	1310.00	80	014157.00
	B,SERS	-UNABLE TO TEST ANY FURTHER BITS.	1304.10	00	014157.40
	B,I606		14163.10	00	014160.00
	NOP		0.30	00	014160.40
	SIC,SEN	-BIT 19 OF MASK REG NOT ONE.	1310.00	80	014161.00
	B,SERS	-UNABLE TO TEST ANY FURTHER BITS.	1304.10	00	014161.40
	B,I606		14163.10	00	014162.00
	NOP		0.30	00	014162.40
1606	B,\$+1.0		14164.10	00	014163.00
	BD,I601		14070.04	00	014163.40
	SIC,SEN0+.32		1311.40	80	014164.00
	B,SSW		1301.10	00	014164.40
	BD,\$+.32		14165.44	00	014165.00
	LX,\$X13,IC260	-UPDATE CONTINUITY CHECK.	22737.32	10	014165.40
	V+,\$X13,BIT0		24522.32	80	014166.00
	SX,\$X13,IC260		22737.33	10	014166.40

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1607	LVI,\$X0,BIT3 SVA,\$X0,1608	-TEST IB, CHECK THAT BITS 48-63 OF -MASK REG ARE ALWAYS ZERO.	24525.01 01 14202.01 D0	014167.00 014167.40
	LVI,\$X0,160B2 SVA,\$X0,1609		14207.41 01 14203.01 D0	014170.00 014170.40
1607B	LXI,\$X1,16 LX,\$X2,1000		20.03 02 24503.04 10	014171.00 014171.40
	TI,1,\$X2,12.0 NOP		22.00 80 000014.02 A0 0.30 00	014172.00 014173.00
	NOP TI,1,12.0,\$X2		0.30 00 14.00 80 000022.02 A0	014173.40 014174.00
	SR,\$X2,\$X2 NOP		22.05 70 0.30 00	014175.00 014175.40
	LXI,\$X3,3.0	-DELETE ANY BITS IN 0 AND 1.	3.07 02	014176.00
1607A	KV,\$X2,BIT2 BZXH,1608		24524.04 90 14202.33 40	014176.40 014177.00
	V+,\$X2,BIT1 CB,\$X3,1607A		24523.04 B0 14176.46 48	014177.40 014200.00
	SIC,SEN B,SERS	-BITS 0 AND 1 OF IX 2 CANT BE -FORCED TO 00 CONDITION.	1310.00 80 1304.10 00	014200.40 014201.00
	B,16010	-TERMINATE.	14247.50 00	014201.40
1608	KV,\$X2,0 BXL,\$+1.0		0.04 90 14203.72 42	014202.00 014202.40
1609	\$B,0		0.10 00	014203.00
	C-1,\$X1,1.0 BXCZ,16010		1.03 08 14247.70 42	014203.40 014204.00
	LV,\$X3,1608 V-1,\$X3,1.0	-SUB TO INCREMENT, BIT 24 IS 1.0	14202.06 30 1.07 0D	014204.40 014205.00
	SVA,\$X3,1608 V+1,\$X0,2.0		14202.07 D0 2.01 05	014205.40 014206.00
	SVA,\$X0,1609 B,1607B		14203.01 D0 14171.50 00	014206.40 014207.00
160B2	SIC,SEN B,SERS	-YOU CAME TO THIS ERROR TABLE FROM 1609 -BIT 48 OF MASK REG NOT ZERO. -UNABLE TO TEST ANY FURTHER BITS.	1310.00 80 1304.10 00	014207.40 014210.00
	B,16010 NOP		14247.50 00 0.30 00	014210.40 014211.00
12				
11	SIC,SEN B,SERS	-BIT 49 OF MASK REG NOT ZERO. -UNABLE TO TEST ANY FURTHER BITS.	1310.00 80 1304.10 00	014211.40 014212.00
	B,16010 NOP		14247.50 00 0.30 00	014212.40 014213.00
10				
9	SIC,SEN B,SERS	-BIT 50 OF MASK REG NOT ZERO. -UNABLE TO TEST ANY FURTHER BITS.	1310.00 80 1304.10 00	014213.40 014214.00
	B,16010 NOP		14247.50 00 0.30 00	014214.40 014215.00
8				
7				
6	SIC,SEN B,SERS	-BIT 51 OF MASK REG NOT ZERO. -UNABLE TO TEST ANY FURTHER BITS.	1310.00 80 1304.10 00	014215.40 014216.00
	B,16010 NOP		14247.50 00 0.30 00	014216.40 014217.00
5				
4	SIC,SEN B,SERS	-BIT 52 OF MASK REG NOT ZERO. -UNABLE TO TEST ANY FURTHER BITS.	1310.00 80 1304.10 00	014217.40 014220.00
	B,16010 NOP		14247.50 00 0.30 00	014220.40 014221.00
3				
2				
	SIC,SEN	-BIT 53 OF MASK REG NOT ZERO.	1310.00 80	014221.40

	B,SERS	-UNABLE TO TEST ANY FURTHER BITS.	1304.10 00	014222.00
	B,I6010		14247.50 00	014222.40
	NOP		0.30 00	014223.00
	SIC,SEN	-BIT 54 OF MASK REG NOT ZERO.	1310.00 80	014223.40
	B,SERS	-UNABLE TO TEST ANY FURTHER BITS.	1304.10 00	014224.00
	B,I6010		14247.50 00	014224.40
	NOP		0.30 00	014225.00
	SIC,SEN	-BIT 55 OF MASK REG NOT ZERO.	1310.00 80	014225.40
	B,SERS	-UNABLE TO TEST ANY FURTHER BITS.	1304.10 00	014226.00
	B,I6010		14247.50 00	014226.40
	NOP		0.30 00	014227.00
	SIC,SEN	-BIT 56 OF MASK REG NOT ZERO.	1310.00 80	014227.40
	B,SERS	-UNABLE TO TEST ANY FURTHER BITS.	1304.10 00	014230.00
	B,I6010		14247.50 00	014230.40
	NOP		0.30 00	014231.00
	SIC,SEN	-BIT 57 OF MASK REG NOT ZERO.	1310.00 80	014231.40
	B,SERS	-UNABLE TO TEST ANY FURTHER BITS.	1304.10 00	014232.00
	B,I6010		14247.50 00	014232.40
	NOP		0.30 00	014233.00
	SIC,SEN	-BIT 58 OF MASK REG NOT ZERO.	1310.00 80	014233.40
	B,SERS	-UNABLE TO TEST ANY FURTHER BITS.	1304.10 00	014234.00
	B,I6010		14247.50 00	014234.40
	NOP		0.30 00	014235.00
	SIC,SEN	-BIT 59 OF MASK REG NOT ZERO.	1310.00 80	014235.40
	B,SERS	-UNABLE TO TEST ANY FURTHER BITS.	1304.10 00	014236.00
	B,I6010		14247.50 00	014236.40
	NOP		0.30 00	014237.00
	SIC,SEN	-BIT 60 OF MASK REG NOT ZERO.	1310.00 80	014237.40
	B,SERS	-UNABLE TO TEST ANY FURTHER BITS.	1304.10 00	014240.00
	B,I6010		14247.50 00	014240.40
	NOP		0.30 00	014241.00
	SIC,SEN	-BIT 61 OF MASK REG NOT ZERO.	1310.00 80	014241.40
	B,SERS	-UNABLE TO TEST ANY FURTHER BITS.	1304.10 00	014242.00
	B,I6010		14247.50 00	014242.40
	NOP		0.30 00	014243.00
12	SIC,SEN	-BIT 62 OF MASK REG NOT ZERO.	1310.00 80	014243.40
11	B,SERS	-UNABLE TO TEST ANY FURTHER BITS.	1304.10 00	014244.00
10	B,I6010		14247.50 00	014244.40
	NOP		0.30 00	014245.00
9	SIC,SEN	-BIT 63 OF MASK REG NOT ZERO.	1310.00 80	014245.40
8	B,SERS	-UNABLE TO TEST ANY FURTHER BITS.	1304.10 00	014246.00
	B,I6010		14247.50 00	014246.40
	NOP		0.30 00	014247.00
7	I6010	B,\$+1.0	14250.50 00	014247.40
6		BD,I607	14167.04 00	014250.00
		SIC,SEN0+.32	1311.40 80	014250.40
5		B,SSW	1301.10 00	014251.00
		BD,\$+.32	14252.04 00	014251.40
4		LX,\$X13,IC260	22737.32 10	014252.00
3		V+,\$X13,BIT1	24523.32 80	014252.40
		SX,\$X13,IC260	22737.33 10	014253.00
2				

16011	LVI,\$X2,160B3 LCI,\$X2,5.0 LVI,\$X3,BIT20	-TEST IC,CHECK THAT BITS 20-47 OF -MASK REG CAN BE SET TO 1 OR0. -TEST 20-24.	14272.45 01 5.05 02 24546.07 01	014253.40 014254.00 014254.40
16012	SVA,\$X2,16014 SVA,\$X3,16013 Z,12.0		14264.05 D0 14256.47 D0 14.22 00	014255.00 014255.40 014256.00
16013	LX,\$X1,0 TI,1,\$X1,12.0 KCI,\$X2,1.0 BZXE,\$+1.32 LV,\$X1,160K15 B,\$+1.0 V+,\$X1,160K1 NOP KV,\$X1,12.0 BXE,\$+1.0	-SENSE BIT 24 SPECIAL CASE.	0.02 10 21.00 80 000014.02 A0 1.05 0A 14262.32 C0 23060.02 30 14262.50 00 23042.02 B0 0.30 00 14.02 90 14264.72 C2	014256.40 014257.00 014260.00 014260.40 014261.00 014261.40 014262.00 014262.40 014263.00 014263.40
16014	\$B,0 V+1,\$X2,2.0 SVA,\$X2,16015 Z,12.0 TI,1,12.0,\$X4 KV,\$X4,160K1 BXE,\$+1.0		0.10 00 2.05 05 14270.05 D0 14.22 00 14.00 80 000024.02 A0 23042.10 90 14270.72 C2	014264.00 014264.40 014265.00 014265.40 014266.00 014267.00 014267.40
16015	\$B,0 V+1,\$X2,2.0 V+1,\$X3,1.0 CB,\$X2,16012 BD,16016		0.10 00 2.05 05 1.07 05 14255.04 48 14316.44 00	014270.00 014270.40 014271.00 014271.40 014272.00
160B3	SIC,SEN B,SERS B,16014+.32 NOP	-YOU CAME TO THIS ERROR TABLE FROM 16015 -MASK BIT 20 TO ONE FAILURE.	1310.00 80 1304.10 00 14264.50 00 0.30 00	014272.40 014273.00 014273.40 014274.00
12	SIC,SEN B,SERS B,16015+.32 NOP	-MASK BIT 20 TO ZERO FAILURE.	1310.00 80 1304.10 00 14270.50 00 0.30 00	014274.40 014275.00 014275.40 014276.00
11	SIC,SEN B,SERS B,16014+.32 NOP	-MASK BIT 21 TO ONE FAILURE.	1310.00 80 1304.10 00 14264.50 00 0.30 00	014276.40 014277.00 014277.40 014300.00
10	SIC,SEN B,SERS B,16014+.32 NOP	-MASK BIT 21 TO ZERO FAILURE.	1310.00 80 1304.10 00 14270.50 00 0.30 00	014300.40 014301.00 014301.40 014302.00
9	SIC,SEN B,SERS B,16015+.32 NOP	-MASK BIT 22 TO ONE FAILURE.	1310.00 80 1304.10 00 14264.50 00 0.30 00	014302.40 014303.00 014303.40 014304.00
8	SIC,SEN B,SERS B,16014+.32 NOP	-MASK BIT 22 TO ZERO FAILURE.	1310.00 80 1304.10 00 14270.50 00 0.30 00	014304.40 014305.00 014305.40 014306.00
7	SIC,SEN B,SERS B,16015+.32 NOP		1310.00 80 1304.10 00 14270.50 00 0.30 00	014304.40 014305.00 014305.40 014306.00
6	SIC,SEN B,SERS B,16014+.32 NOP		1310.00 80 1304.10 00 14270.50 00 0.30 00	014304.40 014305.00 014305.40 014306.00
5	SIC,SEN B,SERS B,16015+.32 NOP		1310.00 80 1304.10 00 14270.50 00 0.30 00	014304.40 014305.00 014305.40 014306.00
4	SIC,SEN B,SERS B,16014+.32 NOP		1310.00 80 1304.10 00 14270.50 00 0.30 00	014304.40 014305.00 014305.40 014306.00
3	SIC,SEN B,SERS B,16015+.32 NOP		1310.00 80 1304.10 00 14270.50 00 0.30 00	014304.40 014305.00 014305.40 014306.00
2	SIC,SEN B,SERS B,16014+.32 NOP		1310.00 80 1304.10 00 14270.50 00 0.30 00	014304.40 014305.00 014305.40 014306.00

	SIC,SEN	-MASK BIT 23 TO ONE FAILURE.	1310.00	80		014306.40
	B,SERS		1304.10	00		014307.00
	B,I6014+.32		14264.50	00		014307.40
	NOP		0.30	00		014310.00
	SIC,SEN	-MASK BIT 23 TO ZERO FAILURE.	1310.00	80		014310.40
	B,SERS		1304.10	00		014311.00
	B,I6015+.32		14270.50	00		014311.40
	NOP		0.30	00		014312.00
	SIC,SEN	-MASK BIT 24 TO ONE FAILURE.	1310.00	80		014312.40
	B,SERS		1304.10	00		014313.00
	B,I6014+.32		14264.50	00		014313.40
	NOP		0.30	00		014314.00
	SIC,SEN	-MASK BIT 24 TO ZERO FAILURE.	1310.00	80		014314.40
	B,SERS		1304.10	00		014315.00
	B,I6015+.32		14270.50	00		014315.40
	NOP		0.30	00		014316.00
16016	LVI,\$X2,I60B4	-CHK BITS 46 AND 47.	14337.45	01		014316.40
	LCI,\$X2,2.0		2.05	02		014317.00
	LVI,\$X3,BIT46		24600.07	01		014317.40
16017	SVA,\$X2,I6019		14330.45	D0		014320.00
	SVA,\$X3,I6018		14322.07	D0		014320.40
	TI,1,0,12.0		0.00	80	000014.02 A0	014321.00
16018	LX,\$X1,0		0.02	10		014322.00
	TI,1,\$X1,12.0		21.00	80	000014.02 A0	014322.40
	NOP		0.30	00		014323.40
	TI,1,12.0,\$X5		14.00	80	000025.02 A0	014324.00
	SR,\$X5,\$X6		26.13	70		014325.00
	V+I,\$X3,1.0		1.07	05		014325.40
	SVA,\$X3,\$+.32		14326.47	D0		014326.00
	LX,\$X1,0		0.02	10		014326.40
	SR,\$X1,\$X1		21.03	70		014327.00
	KV,\$X6,\$X1		21.14	90		014327.40
	BXH,\$+1.0		14331.33	42		014330.00
16019	\$B,0		0.10	00		014330.40
	V+I,\$X2,2.0		2.05	05		014331.00
12	SVA,\$X2,I6020		14335.45	D0		014331.40
	Z,12.0		14.22	00		014332.00
11	LX,\$X7,12.0		14.16	10		014332.40
	SR,\$X7,\$X7		27.17	70		014333.00
10	NOP		0.30	00		014333.40
	KV,\$X7,\$X1		21.16	90		014334.00
9	BXL,\$+1.32		14336.32	42		014334.40
	BXE,\$+1.0		14336.32	C2		014335.00
8	16020 \$B,0		0.10	00		014335.40
7	V+I,\$X2,2.0		2.05	05		014336.00
6	CB,\$X2,I6017		14320.04	48		014336.40
	BD,I6021		14347.44	00		014337.00

		-YOU CAME TO THIS ERROR TABLE FROM I6019				
160B4	SIC,SEN	-MASK BIT 46 TO ONE FAILURE.	1310.00	80		014337.40
	B,SERS		1304.10	00		014340.00
	B,I6019+.32		14331.10	00		014340.40
	NOP		0.30	00		014341.00
	SIC,SEN	-MASK BIT 46 TO ZERO FAILURE.	1310.00	80		014341.40
	B,SERS		1304.10	00		014342.00
	B,I6020+.32		14336.10	00		014342.40
	NOP		0.30	00		014343.00
	SIC,SEN	-MASK BIT 47 TO ONE FAILURE.	1310.00	80		014343.40
	B,SERS		1304.10	00		014344.00
	B,I6019+.32		14331.10	00		014344.40
	NOP		0.30	00		014345.00
	SIC,SEN	-MASK BIT 47 TO ZERO FAILURE.	1310.00	80		014345.40
	B,SERS		1304.10	00		014346.00
	B,I6020+.32		14336.10	00		014346.40
	NOP		0.30	00		014347.00
16021	LVI,\$X4,I60B5	-CHK BITS 28-45.	14371.51	01		014347.40
	LCT,\$X4,18.0		22.11	02		014350.00
	LVI,\$X5,BIT 28		24556.13	01		014350.40
	SVA,\$X5,I6022		14353.13	D0		014351.00
	SVA,\$X5,I6025		14365.53	D0		014351.40
	SVA,\$X4,I6024		14361.51	D0		014352.00
	Z,12.0		14.22	00		014352.40
16022	LX,\$X1,0	-ACTUAL BIT.	0.02	10		014353.00
	TI,1,\$X1,12.0		21.00	80	000014.02 A0	014353.40
	V+I,\$X5,1.0	-NEXT BIT.	1.13	05		014354.40
	SVA,\$X5,I6023		14357.53	D0		014355.00
	Z,I60DMP		23301.22	00		014355.40
	TI,1,12.0,\$X1		14.00	80	000021.02 A0	014356.00
	SC,\$X1,I60DMP		23301.03	50		014357.00
16023	LX,\$X2,0	-LOWER ORDER, NEXT, BIT.	0.04	10		014357.40
	SC,\$X2,\$X2		22.05	50		014360.00
	KV,\$X2,I60DMP		23301.04	90		014360.40
	BXL,\$+1.0		14362.32	42		014361.00
16024	\$B,0		0.10	00		014361.40
	V+I,\$X4,2.0		2.11	05		014362.00
	SVA,\$X4,I6026		14367.51	D0		014362.40
	TI,1,0,12.0		0.00	80	000014.02 A0	014363.00
	TI,1,12.0,\$X1		14.00	80	000021.02 A0	014364.00
	SC,\$X1,\$X1		21.03	50		014365.00
16025	LX,\$X6,0		0.14	10		014365.40
	SC,\$X6,\$X6		26.15	50		014366.00
	KV,\$X1,\$X6		26.02	90		014366.40
	BXL,\$+1.0		14370.32	42		014367.00
16026	\$B,0		0.10	00		014367.40
	V+I,\$X4,2.0		2.11	05		014370.00
	CB,\$X4,I6021+1.32		14351.10	48		014370.40
	BD,I6027		14501.44	00		014371.00

		-YOU CAME TO THIS ERROR TABLE FROM 16026				
160B5	SIC,SEN	-MASK BIT 28 TO ONE FAILURE.	1310.00	80	014371.40	
	B,SERS		1304.10	00	014372.00	
	B,16024+.32		14362.10	00	014372.40	
	NOP		0.30	00	014373.00	
	SIC,SEN	-MASK BIT 28 TO ZERO FAILURE.	1310.00	80	014373.40	
	B,SERS		1304.10	00	014374.00	
	B,16026+.32		14370.10	00	014374.40	
	NOP		0.30	00	014375.00	
	SIC,SEN	-MASK BIT 29 TO ONE FAILURE.	1310.00	80	014375.40	
	B,SERS		1304.10	00	014376.00	
	B,16024+.32		14362.10	00	014376.40	
	NOP		0.30	00	014377.00	
	SIC,SEN	-MASK BIT 29 TO ZERO FAILURE.	1310.00	80	014377.40	
	B,SERS		1304.10	00	014400.00	
	B,16026+.32		14370.10	00	014400.40	
	NOP		0.30	00	014401.00	
	SIC,SEN	-MASK BIT 30 TO ONE FAILURE.	1310.00	80	014401.40	
	B,SERS		1304.10	00	014402.00	
	B,16024+.32		14362.10	00	014402.40	
	NOP		0.30	00	014403.00	
	SIC,SEN	-MASK BIT 30 TO ZERO FAILURE.	1310.00	80	014403.40	
	B,SERS		1304.10	00	014404.00	
	B,16026+.32		14370.10	00	014404.40	
	NOP		0.30	00	014405.00	
	SIC,SEN	-MASK BIT 31 TO ONE FAILURE.	1310.00	80	014405.40	
	B,SERS		1304.10	00	014406.00	
	B,16024+.32		14362.10	00	014406.40	
	NOP		0.30	00	014407.00	
	SIC,SEN	-MASK BIT 31 TO ZERO FAILURE.	1310.00	80	014407.40	
	B,SERS		1304.10	00	014410.00	
	B,16026+.32		14370.10	00	014410.40	
	NOP		0.30	00	014411.00	
12	SIC,SEN	-MASK BIT 32 TO ONE FAILURE.	1310.00	80	014411.40	
	B,SERS		1304.10	00	014412.00	
	B,16024+.32		14362.10	00	014412.40	
	NOP		0.30	00	014413.00	
11	SIC,SEN	-MASK BIT 32 TO ZERO FAILURE.	1310.00	80	014413.40	
	B,SERS		1304.10	00	014414.00	
	B,16026+.32		14370.10	00	014414.40	
	NOP		0.30	00	014415.00	
10	SIC,SEN	-MASK BIT 33 TO ONE FAILURE.	1310.00	80	014415.40	
	B,SERS		1304.10	00	014416.00	
	B,16024+.32		14362.10	00	014416.40	
	NOP		0.30	00	014417.00	
9	SIC,SEN	-MASK BIT 33 TO ZERO FAILURE.	1310.00	80	014417.40	
	B,SERS		1304.10	00	014420.00	
	B,16026+.32		14370.10	00	014420.40	
	NOP		0.30	00	014421.00	
8	SIC,SEN	-MASK BIT 34 TO ONE FAILURE.	1310.00	80	014421.40	
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	B,SERS		1304.10 00	014422.00
	B,16024+.32		14362.10 00	014422.40
	NOP		0.30 00	014423.00
	SIC,SEN	-MASK BIT 34 TO ZERO FAILURE.	1310.00 80	014423.40
	B,SERS		1304.10 00	014424.00
	B,16026+.32		14370.10 00	014424.40
	NOP		0.30 00	014425.00
	SIC,SEN	-MASK BIT 35 TO ONE FAILURE.	1310.00 80	014425.40
	B,SERS		1304.10 00	014426.00
	B,16024+.32		14362.10 00	014426.40
	NOP		0.30 00	014427.00
	SIC,SEN	-MASK BIT 35 TO ZERO FAILURE.	1310.00 80	014427.40
	B,SERS		1304.10 00	014430.00
	B,16026+.32		14370.10 00	014430.40
	NOP		0.30 00	014431.00
	SIC,SEN	-MASK BIT 36 TO ONE FAILURE.	1310.00 80	014431.40
	B,SERS		1304.10 00	014432.00
	B,16024+.32		14362.10 00	014432.40
	NOP		0.30 00	014433.00
	SIC,SEN	-MASK BIT 36 TO ZERO FAILURE.	1310.00 80	014433.40
	B,SERS		1304.10 00	014434.00
	B,16026+.32		14370.10 00	014434.40
	NOP		0.30 00	014435.00
	SIC,SEN	-MASK BIT 37 TO ONE FAILURE.	1310.00 80	014435.40
	B,SERS		1304.10 00	014436.00
	B,16024+.32		14362.10 00	014436.40
	NOP		0.30 00	014437.00
	SIC,SEN	-MASK BIT 37 TO ZERO FAILURE.	1310.00 80	014437.40
	B,SERS		1304.10 00	014440.00
	B,16026+.32		14370.10 00	014440.40
	NOP		0.30 00	014441.00
	SIC,SEN	-MASK BIT 38 TO ONE FAILURE.	1310.00 80	014441.40
	B,SERS		1304.10 00	014442.00
	B,16024+.32		14362.10 00	014442.40
	NOP		0.30 00	014443.00
12	SIC,SEN	-MASK BIT 38 TO ZERO FAILURE.	1310.00 80	014443.40
	B,SERS		1304.10 00	014444.00
11	B,16026+.32		14370.10 00	014444.40
10	NOP		0.30 00	014445.00
	SIC,SEN	-MASK BIT 39 TO ONE FAILURE.	1310.00 80	014445.40
9	B,SERS		1304.10 00	014446.00
8	B,16024+.32		14362.10 00	014446.40
	NOP		0.30 00	014447.00
7	SIC,SEN	-MASK BIT 39 TO ZERO FAILURE.	1310.00 80	014447.40
	B,SERS		1304.10 00	014450.00
6	B,16026+.32		14370.10 00	014450.40
5	NOP		0.30 00	014451.00
	SIC,SEN	-MASK BIT 40 TO ONE FAILURE.	1310.00 80	014451.40
4	B,SERS		1304.10 00	014452.00
3	B,16024+.32		14362.10 00	014452.40
	NOP		0.30 00	014453.00
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	SIC,SEN	-MASK BIT 40 TO ZERO FAILURE.	1310.00	80	014453.40
	B,SERS		1304.10	00	014454.00
	B,16026+.32		14370.10	00	014454.40
	NOP		0.30	00	014455.00
	SIC,SEN	-MASK BIT 41 TO ONE FAILURE.	1310.00	80	014455.40
	B,SERS		1304.10	00	014456.00
	B,16024+.32		14362.10	00	014456.40
	NOP		0.30	00	014457.00
	SIC,SEN	-MASK BIT 41 TO ZERO FAILURE.	1310.00	80	014457.40
	B,SERS		1304.10	00	014460.00
	B,16026+.32		14370.10	00	014460.40
	NOP		0.30	00	014461.00
	SIC,SEN	-MASK BIT 42 TO ONE FAILURE.	1310.00	80	014461.40
	B,SERS		1304.10	00	014462.00
	B,16024+.32		14362.10	00	014462.40
	NOP		0.30	00	014463.00
	SIC,SEN	-MASK BIT 42 TO ZERO FAILURE.	1310.00	80	014463.40
	B,SERS		1304.10	00	014464.00
	B,16026+.32		14370.10	00	014464.40
	NOP		0.30	00	014465.00
	SIC,SEN	-MASK BIT 43 TO ONE FAILURE.	1310.00	80	014465.40
	B,SERS		1304.10	00	014466.00
	B,16024+.32		14362.10	00	014466.40
	NOP		0.30	00	014467.00
	SIC,SEN	-MASK BIT 43 TO ZERO FAILURE.	1310.00	80	014467.40
	B,SERS		1304.10	00	014470.00
	B,16026+.32		14370.10	00	014470.40
	NOP		0.30	00	014471.00
	SIC,SEN	-MASK BIT 44 TO ONE FAILURE.	1310.00	80	014471.40
	B,SERS		1304.10	00	014472.00
	B,16024+.32		14362.10	00	014472.40
	NOP		0.30	00	014473.00
12	SIC,SEN	-MASK BIT 44 TO ZERO FAILURE.	1310.00	80	014473.40
	B,SERS		1304.10	00	014474.00
11	B,16026+.32		14370.10	00	014474.40
	NOP		0.30	00	014475.00
10	SIC,SEN	-MASK BIT 45 TO ONE FAILURE.	1310.00	80	014475.40
	B,SERS		1304.10	00	014476.00
9	B,16024+.32		14362.10	00	014476.40
	NOP		0.30	00	014477.00
8	SIC,SEN	-MASK BIT 45 TO ZERO FAILURE.	1310.00	80	014477.40
	B,SERS		1304.10	00	014500.00
7	B,16026+.32		14370.10	00	014500.40
	NOP		0.30	00	014501.00
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16027	LX,\$X0,BIT25	-CHK BITS 25-27.	24553.00	10			014501.40
	TI,1,\$X0,12.0		20.00	80	000014.02	A0	014502.00
	NOP		0.30	00			014503.00
	Z,\$IND		13.22	00			014503.40
	TI,1,12.0,\$X0		14.00	80	000020.02	A0	014504.00
	LX,\$X0,\$X0		20.00	10			014505.00
	BXF,\$+1.32		14507.23	42			014505.40
	SIC,SEN	-MASK REG BIT 25 TO ONE FAILURE.	1310.00	80			014506.00
	B,SERS		1304.10	00			014506.40
	TI,1,0,12.0		0.00	80	000014.02	A0	014507.00
	TI,1,12.0,\$X0		14.00	80	000020.02	A0	014510.00
	LX,\$X0,\$X0		20.00	10			014511.00
	BZXF,\$+1.32		14513.23	40			014511.40
	SIC,SEN	-MASK REG BIT 25 TO ZERO FAILURE.	1310.00	80			014512.00
	B,SERS		1304.10	00			014512.40
	LX,\$X0,160K2	-CHK 27 LOST	23043.00	10			014513.00
	TI,1,\$X0,12.0		20.00	80	000014.02	A0	014513.40
	LX,\$X1,1000		24503.02	10			014514.40
	Z,160DMP		23301.22	00			014515.00
	Z,\$X0		20.22	00			014515.40
	TI,1,12.0,\$X0		14.00	80	000020.02	A0	014516.00
	LV,\$X0,160K2		23043.00	30			014517.00
	SX,\$X0,16028		14521.01	10			014517.40
	LV,\$X0,160K2+.32		23043.40	30			014520.00
	SV,\$X0,16028+.32		14521.41	30			014520.40
	CNOP						
16028	XW,0,0,0		0.00	00	000000.00	00	014521.00
	LX,\$X0,160DMP		23301.00	10			014522.00
	BZXVZ,\$+1.32		14524.31	40			014522.40
	SIC,SEN		1310.00	80			014523.00
	B,SERS	-MASK REG BIT 27 TO ONE FAILURE.	1304.10	00			014523.40
	LX,\$X0,160K3	-CHK 26 AND 27 SPUR.	23044.00	10			014524.00
	TI,1,\$X0,12.0		20.00	80	000014.02	A0	014524.40
	LX,\$X1,1000		24503.02	10			014525.40
	Z,160DMP		23301.22	00			014526.00
	Z,\$X0		20.22	00			014526.40
	TI,1,12.0,\$X0		14.00	80	000020.02	A0	014527.00
	LV,\$X0,160K3		23044.00	30			014530.00
12	SX,\$X0,16029		14532.01	10			014530.40
	LV,\$X0,160K3+.32		23044.40	30			014531.00
11	SV,\$X0,16029+.32		14532.41	30			014531.40
	CNOP						
10	16029	XW,0,0,0	0.00	00	000000.00	00	014532.00
	LX,\$X0,160DMP		23301.00	10			014533.00
9	BXVZ,16031	-ALL OK	14537.31	42			014533.40
8	BXCZ,16030	-BOTH SPUR	14536.30	42			014534.00
7	SIC,SEN		1310.00	80			014534.40
	B,SERS	-MASK REG BIT 27 TO ZERO FAILURE.	1304.10	00			014535.00
6	B,\$+1.32		14537.10	00			014535.40
5	16030	SIC,SEN	1310.00	80			014536.00
4	B,SERS	-MASK REG BITS 26 AND 27 TO ZERO -FAILURE.	1304.10	00			014536.40
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16031	LX,\$X0,160K4	-CHK 26 LOST.	23045.00	10		014537.00
	TI,1,\$X0,12.0		20.00	80	000014.02 A0	014537.40
	LX,\$X1,1000		24503.02	10		014540.40
	Z,160DMP		23301.22	00		014541.00
	Z,\$X0		20.22	00		014541.40
	TI,1,12.0,\$X0		14.00	80	000020.02 A0	014542.00
	LV,\$X0,160K4		23045.00	30		014543.00
	SX,\$X0,16032		14545.01	10		014543.40
	LV,\$X0,160K4+.32		23045.40	30		014544.00
	SV,\$X0,16032+.32		14545.41	30		014544.40
	CNOP					
16032	XW,0,0,0		0.00	00	000000.00 00	014545.00
	LX,\$X0,160DMP		23301.00	10		014546.00
	BXCZ,\$+2.0		14550.70	42		014546.40
	SIC,SEN		1310.00	80		014547.00
	B,SERS	-MASK REG BIT 26 TO ONE FAILURE.	1304.10	00		014547.40
	B,\$+2.0		14552.10	00		014550.00
	BZXVZ,\$+1.32		14552.31	40		014550.40
	SIC,SEN	-MASK REG BITS 26 AND 27 TO ONE	1310.00	80		014551.00
	B,SERS	-FAILURE, BOTH	1304.10	00		014551.40
	B,\$+1.0		14553.10	00		014552.00
	BD,16011		14253.44	00		014552.40
	SIC,SEN0+.32		1311.40	80		014553.00
	B,SSW	-TO SSIP	1301.10	00		014553.40
	BD,\$+.32		14554.44	00		014554.00
	LX,\$X13,TC260	-UPDATE CONTINUITY CHECK.	22737.32	10		014554.40
	V+,\$X13,BIT2		24524.32	B0		014555.00
	SX,\$X13,TC260		22737.33	10		014555.40

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16041	LVI,\$X1,0.0	-TEST 2, CHK DATA IN IA.	0.03 01	014556.00
	LCI,\$X1,18		22.03 02	014556.40
	LVI,\$X2,0.0		0.05 01	014557.00
16041A	LV,\$X3,BIT0%\$X1		24522.06 31	014557.40
	SV,\$X3,\$IA		2.07 30	014560.00
	NOP		0.30 00	014560.40
	NOP		0.30 00	014561.00
	KV,\$X3,\$IA		2.06 90	014561.40
	BXE,\$+1.0		14563.32 C2	014562.00
	B,160B6%\$X2		14564.50 02	014562.40
16042	V+I,\$X2,1.32		1.45 05	014563.00
	CB+,\$X1,16041A		14557.43 48	014563.40
	BD,16043		14617.44 00	014564.00
160B6	SIC,SEN	-IA DATA FAILURE, BIT 0.	1310.00 80	014564.40
	BD,SERS		1304.04 00	014565.00
	BD,16042		14563.04 00	014565.40
	SIC,SEN	-IA DATA FAILURE, BIT 1.	1310.00 80	014566.00
	BD,SERS		1304.04 00	014566.40
	BD,16042		14563.04 00	014567.00
	SIC,SEN	-IA DATA FAILURE, BIT 2.	1310.00 80	014567.40
	BD,SERS		1304.04 00	014570.00
	BD,16042		14563.04 00	014570.40
	SIC,SEN	-IA DATA FAILURE, BIT 3.	1310.00 80	014571.00
	BD,SERS		1304.04 00	014571.40
	BD,16042		14563.04 00	014572.00
	SIC,SEN	-IA DATA FAILURE, BIT 4.	1310.00 80	014572.40
	BD,SERS		1304.04 00	014573.00
	BD,16042		14563.04 00	014573.40
	SIC,SEN	-IA DATA FAILURE, BIT 5.	1310.00 80	014574.00
	BD,SERS		1304.04 00	014574.40
	BD,16042		14563.04 00	014575.00
	SIC,SEN	-IA DATA FAILURE, BIT 6.	1310.00 80	014575.40
	BD,SERS		1304.04 00	014576.00
	BD,16042		14563.04 00	014576.40
	SIC,SEN	-IA DATA FAILURE, BIT 7.	1310.00 80	014577.00
	BD,SERS		1304.04 00	014577.40
	BD,16042		14563.04 00	014600.00
	SIC,SEN	-IA DATA FAILURE, BIT 8.	1310.00 80	014600.40
	BD,SERS		1304.04 00	014601.00
	BD,16042		14563.04 00	014601.40

	SIC,SEN	-IA DATA FAILURE, BIT 9.	1310.00 80	014602.00
	BD,SERS		1304.04 00	014602.40
	BD,I6042		14563.04 00	014603.00
	SIC,SEN	-IA DATA FAILURE, BIT 10.	1310.00 80	014603.40
	BD,SERS		1304.04 00	014604.00
	BD,I6042		14563.04 00	014604.40
	SIC,SEN	-IA DATA FAILURE, BIT 11.	1310.00 80	014605.00
	BD,SERS		1304.04 00	014605.40
	BD,I6042		14563.04 00	014606.00
	SIC,SEN	-IA DATA FAILURE, BIT 12.	1310.00 80	014606.40
	BD,SERS		1304.04 00	014607.00
	BD,I6042		14563.04 00	014607.40
	SIC,SEN	-IA DATA FAILURE, BIT 13.	1310.00 80	014610.00
	BD,SERS		1304.04 00	014610.40
	BD,I6042		14563.04 00	014611.00
	SIC,SEN	-IA DATA FAILURE, BIT 14.	1310.00 80	014611.40
	BD,SERS		1304.04 00	014612.00
	BD,I6042		14563.04 00	014612.40
	SIC,SEN	-IA DATA FAILURE, BIT 15.	1310.00 80	014613.00
	BD,SERS		1304.04 00	014613.40
	BD,I6042		14563.04 00	014614.00
	SIC,SEN	-IA DATA FAILURE, BIT 16.	1310.00 80	014614.40
	BD,SERS		1304.04 00	014615.00
	BD,I6042		14563.04 00	014615.40
	SIC,SEN	-IA DATA FAILURE, BIT 17.	1310.00 80	014616.00
	BD,SERS		1304.04 00	014616.40
	BD,I6042		14563.04 00	014617.00
16043	B,\$+I.0		14620.50 00	014617.40
	BD,I6041		14556.04 00	014620.00
	SIC,SEN0+.32		1311.40 80	014620.40
	B,SSW	-TO SSIP.	1301.10 00	014621.00
	BD,\$+.32		14622.04 00	014621.40
1	LX,\$X13,IC260	-UPDATE CONTINUITY CHECK.	22737.32 10	014622.00
0	V+,\$X13,BIT3		24525.32 80	014622.40
	SX,\$X13,IC260		22737.33 10	014623.00
9	BD,\$+.32		14624.04 00	014623.40
	LCI,\$X1,16.0		20.03 02	014624.00
8	LVI,\$X1,0.0		0.03 01	014624.40
	Z,0.0,%\$X1		0.22 01	014625.00
7	CB+,\$X1,\$-.32		14625.03 48	014625.40

16033	LX,\$X1,160XW1 LX,\$X0,160K5	-TEST 3, CHECK THE ABILITY TO -INTERRUPT.	23065.02 10 23046.00 10		014626.00 014626.40
16034	SX,\$X0,160IT%\$X1 CB+,\$X1,16034 LVI,\$X1,160IT SVA,\$X1,\$IA LVI,\$X2,16035+.32 SVA,\$X2,16035 KV,\$X1,\$IA BXE,\$+2.0 SIC,SEN B,SERS BD,16040	-UNABLE TO SVA CORRECTLY INTO -INTERRUPT ADDRESS, TERMINATE -INTERRUPT TESTING.	23201.01 11 14627.03 48 23201.03 01 2.03 D0 14642.45 01 14642.05 D0 2.02 90 14634.72 C2 1310.00 80 1304.10 00 14703.44 00		014627.00 014627.40 014630.00 014630.40 014631.00 014631.40 014632.00 014632.40 014633.00 014633.40 014634.00
	TI,1,1000,12.0 TI,1,1000,11.0 BE,\$+.32 LCI,\$X1,4096 CB,\$X1,\$ BD,\$+.32 SIC,SEN B,SERS BD,16040 16035 BD,\$+.32	-NO INTERRUPT WHEN BITS 20-63 OF -IND AND 0-47 OF MASK SET TO -ONE, TERMINATE THIS TEST. -TST 3 INTERRUPTS ENTER HERE.	24503.00 80 000014.02 A0 24503.00 80 000013.02 A0 14637.00 00 10000.03 02 14637.42 48 14640.44 00 1310.00 80 1304.10 00 14703.44 00 14642.44 00		014634.40 014635.40 014636.40 014637.00 014637.40 014640.00 014640.40 014641.00 014641.40 014642.00
	LVI,\$X1,16036 SVA,\$X1,16035 TI,1,1000,11.0 TI,1,1000,12.0 LCI,\$X1,256 CB,\$X1,\$ B,\$+1.32 16036 SIC,SEN BD,SERS	-INTERRUPTED WHEN MASK AND IND WERE -ONES AND SYSTEM DISABLED.	14647.03 01 14642.03 D0 24503.00 80 000013.02 A0 24503.00 80 000014.02 A0 400.03 02 14646.02 48 14650.10 00 1310.00 80 1304.04 00		014642.40 014643.00 014643.40 014644.40 014645.40 014646.00 014646.40 014647.00 014647.40
	TI,1,0,11.0 TI,1,0,12.0 SIC,160SX1 BD,160S1 TI,1,11.0,\$X1 KV,\$X1,BIT19 SIC,160SX1 BZXL,160S1 TI,1,11.0,\$X1 KV,\$X1,BIT19 BXL,\$+2.0 SIC,SEN B,SERS B,16038	-UNABLE TO CLR 0-19 OF IND REG. -DELETE CHK OF IND ZERO, MASK -ONE AND SYSTEM ENABLED.	0.00 80 000013.02 A0 0.00 80 000014.02 A0 23041.00 80 22741.04 00 13.00 80 000021.02 A0 24545.02 90 23041.00 80 22741.32 40 13.00 80 000021.02 A0 24545.02 90 14661.32 42 1310.00 80 1304.10 00 14674.50 00		014650.00 014651.00 014652.00 014652.40 014653.00 014654.00 014654.40 014655.00 014655.40 014656.40 014657.00 014657.40 014660.00 014660.40
	TI,1,0,11.0 TI,1,11.0,\$X1 L%BU,\$X1 BRZ,\$+2.0 SIC,SEN B,SERS B,16038	-UNABLE TO CLR IND REG, 0-63, DELETE -CHK OF IND ZERO, MASK ONE, AND -SYSTEM ENABLED.	0.00 80 000013.02 A0 13.00 80 000021.02 A0 21.00 80 000000.20 50 14666.34 C2 1310.00 80 1304.10 00 14674.50 00		014661.00 014662.00 014663.00 014664.00 014664.40 014665.00 014665.40

	LVI,\$X1,16037		14673.03 01	014666.00
	SVA,\$X1,16035		14642.03 D0	014666.40
	TI,1,1000,12.0		24503.00 80 000014.02 A0	014667.00
	TI,1,0,11.0		0.00 80 000013.02 A0	014670.00
	BE,\$+.32		14671.40 00	014671.00
	LCI,\$X1,256		400.03 02	014671.40
	CB,\$X1,\$		14672.02 48	014672.00
	BD,\$+2.0		14674.44 00	014672.40
16037	SIC,SEN	-INTERRUPTED WHEN IND ZERO, MASK	1310.00 80	014673.00
	B,SERS	-ONE, AND SYSTEM ENABLED.	1304.10 00	014673.40
	BD,\$+.32		14674.44 00	014674.00
16038	SIC,160SX1		23041.00 80	014674.40
	BD,160S1		22741.04 00	014675.00
	TI,1,0,12.0		0.00 80 000014.02 A0	014675.40
	TI,1,1000,11.0		24503.00 80 000013.02 A0	014676.40
	LVI,\$X1,16039		14702.43 01	014677.40
	SVA,\$X1,16035		14642.03 D0	014700.00
	BE,\$+.32		14701.00 00	014700.40
	LCI,\$X1,256		400.03 02	014701.00
	CB,\$X1,\$		14701.42 48	014701.40
	BD,\$+1.32		14703.44 00	014702.00
16039	SIC,SEN	-INTERRUPTED WHEN MASK 20-63 ZERO,	1310.00 80	014702.40
	B,SERS	-IND 20-63 ONE, AND SYSTEM ENABLED.	1304.10 00	014703.00
16040	BD,\$+.32		14704.04 00	014703.40
	B,\$+1.0		14705.10 00	014704.00
	BD,16033		14626.04 00	014704.40
	SIC,SEN0+.32		1311.40 80	014705.00
	B,SSW	-TO SSIP.	1301.10 00	014705.40
	BD,\$+.32		14706.44 00	014706.00
	LX,\$X13,IC260	-UPDATE CONTINUITY CHECK.	22737.32 10	014706.40
	V+,\$X13,BIT4		24526.32 B0	014707.00
	SX,\$X13,IC260		22737.33 10	014707.40

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16044	LVI,\$X1,0.0	-TEST 4, CHK IND REG BITS 20-63,	0.03	01	014710.00
	LVI,\$X2,0.0	-CHK 20-24.	0.05	01	014710.40
	LCT,\$X1,5		5.03	02	014711.00
	TI,1,0,12.0		0.00	80	000014.02 A0
16045	LX,\$X0,BIT20%\$X1□		24546.00	11	014712.40
	SIC,160SX1		23041.00	80	014713.00
	BD,160S1		22741.04	00	014713.40
	SX,\$X0,11.0		13.01	10	014714.00
	NOP		0.30	00	014714.40
	NOP		0.30	00	014715.00
	LX,\$X0,11.0		13.00	10	014715.40
	KVI,\$X1,4.0	-BIT 24 SPECIAL CASE.	4.03	04	014716.00
	BXE,16045A		14720.72	C2	014716.40
	KV,\$X0,BIT20%\$X1□		24546.00	91	014717.00
16045B	BXE,16046		14723.72	C2	014717.40
	B,160B7%\$X2□		14732.50	02	014720.00
16045A	LX,\$X0,160K14		23057.00	10	014720.40
	SX,\$X0,11.0		13.01	10	014721.00
	Z,\$X0		20.22	00	014721.40
	LX,\$X0,11.0		13.00	10	014722.00
	KV,\$X0,160K14		23057.00	90	014722.40
	B,16045B		14717.50	00	014723.00
16046	Z,\$IND		13.22	00	014723.40
	NOP		0.30	00	014724.00
	NOP		0.30	00	014724.40
	KVI,\$X1,4.0	-BIT 24 SPECIAL CASE.	4.03	04	014725.00
	BXE,16046A		14730.32	C2	014725.40
	LX,\$X0,11.0		13.00	10	014726.00
	KV,\$X0,BIT20%\$X1□		24546.00	91	014726.40
16046B	BXL,16047		14731.32	42	014727.00
	BD,160B8%\$X2□		14742.04	02	014727.40
16046A	KVI,\$X0,1.0		1.01	04	014730.00
	B,16046B		14727.10	00	014730.40
16047	V+, \$X2,1.32		1.45	05	014731.00
	CB+,\$X1,16045		14712.43	48	014731.40
	BD,16048		14751.44	00	014732.00
160B7	SIC,SEN	-CANT SET TO 1 IND REG BIT 20,	1310.00	80	014732.40
	B,SERS	-OR HIGHER ORDER BITS.	1304.10	00	014733.00
	B,16046		14723.50	00	014733.40
11	SIC,SEN	-CANT SET TO 1 IND REG BIT 21,	1310.00	80	014734.00
	B,SERS	-OR HIGHER ORDER BITS.	1304.10	00	014734.40
	B,16046		14723.50	00	014735.00
9	SIC,SEN	-CANT SET TO 1 IND REG BIT 22,	1310.00	80	014735.40
	B,SERS	-OR HIGHER ORDER BITS.	1304.10	00	014736.00
	B,16046		14723.50	00	014736.40
7	SIC,SEN	-CANT SET TO 1 IND REG BIT 23,	1310.00	80	014737.00
	B,SERS	-OR HIGHER ORDER BITS.	1304.10	00	014737.40
	B,16046		14723.50	00	014740.00
5	SIC,SEN	-CANT SET TO 1 IND REG BIT 24,	1310.00	80	014740.40
	B,SERS	-OR HIGHER ORDER BITS.	1304.10	00	014741.00
	B,16046		14723.50	00	014741.40

160B8	SIC,SEN B,SERS B,16047	-CANT SET TO 0 IND REG BIT 20, -OR HIGHER ORDER BITS.	1310.00 80 1304.10 00 14731.10 00	014742.00 014742.40 014743.00
	SIC,SEN B,SERS B,16047	-CANT SET TO 0 IND REG BIT 21, -OR HIGHER ORDER BITS.	1310.00 80 1304.10 00 14731.10 00	014743.40 014744.00 014744.40
	SIC,SEN B,SERS B,16047	-CANT SET TO 0 IND REG BIT 22, -OR HIGHER ORDER BITS.	1310.00 80 1304.10 00 14731.10 00	014745.00 014745.40 014746.00
	SIC,SEN B,SERS B,16047	-CANT SET TO 0 IND REG BIT 23, -OR HIGHER ORDER BITS.	1310.00 80 1304.10 00 14731.10 00	014746.40 014747.00 014747.40
	SIC,SEN B,SERS B,16047	-CANT SET TO 0 IND REG BIT 24, -OR HIGHER ORDER BITS.	1310.00 80 1304.10 00 14731.10 00	014750.00 014750.40 014751.00
16048	LX,\$X1,BIT25 SX,\$X1,11.0 NOP NOP Z,\$X1 LX,\$X1,11.0 BXF,\$+1.32 SIC,SEN B,SERS	-CHK 25. -CANT SET IND BIT 25 TO ONE.	24553.02 10 13.03 10 0.30 00 0.30 00 21.22 00 13.02 10 14756.23 42 1310.00 80 1304.10 00	014751.40 014752.00 014752.40 014753.00 014753.40 014754.00 014754.40 014755.00 014755.40
	Z,\$IND LX,\$X1,BIT25 LX,\$X1,\$IND BZXF,\$+1.32 SIC,SEN B,SERS	 -CANT SET IND BIT 25 TO ZERO.	13.22 00 24553.02 10 13.02 10 14761.23 40 1310.00 80 1304.10 00	014756.00 014756.40 014757.00 014757.40 014760.00 014760.40
	LVI,\$X1,0.0 LCI,\$X1,18 LVI,\$X2,0.0 SIC,160SX1 B,160S1	-CHK 28-45. 	0.03 01 22.03 02 0.05 01 23041.00 80 22741.10 00	014761.00 014761.40 014762.00 014762.40 014763.00
16049	Z,\$IND TI,1,BIT28%\$X1□,\$IND NOP NOP NOP NOP TI,1,\$IND,\$X3 KC,\$X3,BIT0%\$X1□ BXE,\$+1.0 B,160B9%\$X2□	 -LOST BIT.	13.22 00 24556.00 81 000013.02 A0 0.30 00 0.30 00 0.30 00 0.30 00 13.00 80 000023.02 A0 24522.07 91 14771.72 C2 14777.10 02	014763.40 014764.00 014765.00 014765.40 014766.00 014766.40 014767.00 014770.00 014770.40 014771.00
16049A	Z,\$IND NOP NOP TI,1,\$IND,\$X3 KC,\$X3,BIT0%\$X1□ BXL,\$+1.0 B,160B10%\$X2□	 -SPUR BIT.	13.22 00 0.30 00 0.30 00 13.00 80 000023.02 A0 24522.07 91 14775.72 42 15032.10 02	014771.40 014772.00 014772.40 014773.00 014774.00 014774.40 014775.00

16050	V+, \$X2, 1.32 CB+, \$X1, 16049 BD, 16051		1.45 05 14763.43 48 15065.04 00	014775.40 014776.00 014776.40
		-YOU CAME TO THIS ERROR TABLE FROM 16049 A		
160B9	SIC, SEN B, SERS B, 16049A	-CANT SET TO 1 IND BIT 28.	1310.00 80 1304.10 00 14771.50 00	014777.00 014777.40 015000.00
	SIC, SEN B, SERS B, 16049A	-CANT SET TO 1 IND BIT 29.	1310.00 80 1304.10 00 14771.50 00	015000.40 015001.00 015001.40
	SIC, SEN B, SERS B, 16049A	-CANT SET TO 1 IND BIT 30.	1310.00 80 1304.10 00 14771.50 00	015002.00 015002.40 015003.00
	SIC, SEN B, SERS B, 16049A	-CANT SET TO 1 IND BIT 31.	1310.00 80 1304.10 00 14771.50 00	015003.40 015004.00 015004.40
	SIC, SEN B, SERS B, 16049A	-CANT SET TO 1 IND BIT 32.	1310.00 80 1304.10 00 14771.50 00	015005.00 015005.40 015006.00
	SIC, SEN B, SERS B, 16049A	-CANT SET TO 1 IND BIT 33.	1310.00 80 1304.10 00 14771.50 00	015006.40 015007.00 015007.40
	SIC, SEN B, SERS B, 16049A	-CANT SET TO 1 IND BIT 34.	1310.00 80 1304.10 00 14771.50 00	015010.00 015010.40 015011.00
	SIC, SEN B, SERS B, 16049A	-CANT SET TO 1 IND BIT 35.	1310.00 80 1304.10 00 14771.50 00	015011.40 015012.00 015012.40
	SIC, SEN B, SERS B, 16049A	-CANT SET TO 1 IND BIT 36.	1310.00 80 1304.10 00 14771.50 00	015013.00 015013.40 015014.00
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	SIC, SEN B, SERS B, 16049A	-CANT SET TO 1 IND BIT 37.	1310.00 80 1304.10 00 14771.50 00	015014.40 015015.00 015015.40
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	SIC, SEN B, SERS B, 16049A	-CANT SET TO 1 IND BIT 38.	1310.00 80 1304.10 00 14771.50 00	015016.00 015016.40 015017.00
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	SIC, SEN B, SERS B, 16049A	-CANT SET TO 1 IND BIT 39.	1310.00 80 1304.10 00 14771.50 00	015017.40 015020.00 015020.40
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	SIC, SEN B, SERS B, 16049A	-CANT SET TO 1 IND BIT 40.	1310.00 80 1304.10 00 14771.50 00	015021.00 015021.40 015022.00
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	SIC, SEN B, SERS B, 16049A	-CANT SET TO 1 IND BIT 41.	1310.00 80 1304.10 00 14771.50 00	015022.40 015023.00 015023.40
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	SIC,SEN	-CANT SET TO 1 IND BIT 42.	1310.00 80	015024.00
	B,SERS		1304.10 00	015024.40
	B,I6049A		14771.50 00	015025.00
	SIC,SEN	-CANT SET TO 1 IND BIT 43.	1310.00 80	015025.40
	B,SERS		1304.10 00	015026.00
	B,I6049A		14771.50 00	015026.40
	SIC,SEN	-CANT SET TO 1 IND BIT 44.	1310.00 80	015027.00
	B,SERS		1304.10 00	015027.40
	B,I6049A		14771.50 00	015030.00
	SIC,SEN	-CANT SET TO 1 IND BIT 45.	1310.00 80	015030.40
	B,SERS		1304.10 00	015031.00
	B,I6049A		14771.50 00	015031.40
160B10	SIC,SEN	-CANT SET TO 0 IND BIT 28.	1310.00 80	015032.00
	B,SERS		1304.10 00	015032.40
	B,I6050		14775.50 00	015033.00
	SIC,SEN	-CANT SET TO 0 IND BIT 29.	1310.00 80	015033.40
	B,SERS		1304.10 00	015034.00
	B,I6050		14775.50 00	015034.40
	SIC,SEN	-CANT SET TO 0 IND BIT 30.	1310.00 80	015035.00
	B,SERS		1304.10 00	015035.40
	B,I6050		14775.50 00	015036.00
	SIC,SEN	-CANT SET TO 0 IND BIT 31.	1310.00 80	015036.40
	B,SERS		1304.10 00	015037.00
	B,I6050		14775.50 00	015037.40
	SIC,SEN	-CANT SET TO 0 IND BIT 32.	1310.00 80	015040.00
	B,SERS		1304.10 00	015040.40
	B,I6050		14775.50 00	015041.00
	SIC,SEN	-CANT SET TO 0 IND BIT 33.	1310.00 80	015041.40
	B,SERS		1304.10 00	015042.00
	B,I6050		14775.50 00	015042.40
12	SIC,SEN	-CANT SET TO 0 IND BIT 34.	1310.00 80	015043.00
	B,SERS		1304.10 00	015043.40
11	B,I6050		14775.50 00	015044.00
10	SIC,SEN	-CANT SET TO 0 IND BIT 35.	1310.00 80	015044.40
	B,SERS		1304.10 00	015045.00
9	B,I6050		14775.50 00	015045.40
8	SIC,SEN	-CANT SET TO 0 IND BIT 36.	1310.00 80	015046.00
	B,SERS		1304.10 00	015046.40
7	B,I6050		14775.50 00	015047.00
6	SIC,SEN	-CANT SET TO 0 IND BIT 37.	1310.00 80	015047.40
	B,SERS		1304.10 00	015050.00
5	B,I6050		14775.50 00	015050.40
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SIC,SEN	-CANT SET TO 0 IND BIT 38.	1310.00 80	015051.00
B,SERS		1304.10 00	015051.40
B,I6050		14775.50 00	015052.00
SIC,SEN	-CANT SET TO 0 IND BIT 39.	1310.00 80	015052.40
B,SERS		1304.10 00	015053.00
B,I6050		14775.50 00	015053.40
SIC,SEN	-CANT SET TO 0 IND BIT 40.	1310.00 80	015054.00
B,SERS		1304.10 00	015054.40
B,I6050		14775.50 00	015055.00
SIC,SEN	-CANT SET TO 0 IND BIT 41.	1310.00 80	015055.40
B,SERS		1304.10 00	015056.00
B,I6050		14775.50 00	015056.40
SIC,SEN	-CANT SET TO 0 IND BIT 42.	1310.00 80	015057.00
B,SERS		1304.10 00	015057.40
B,I6050		14775.50 00	015060.00
SIC,SEN	-CANT SET TO 0 IND BIT 43.	1310.00 80	015060.40
B,SERS		1304.10 00	015061.00
B,I6050		14775.50 00	015061.40
SIC,SEN	-CANT SET TO 0 IND BIT 44.	1310.00 80	015062.00
B,SERS		1304.10 00	015062.40
B,I6050		14775.50 00	015063.00
SIC,SEN	-CANT SET TO 0 IND BIT 45.	1310.00 80	015063.40
B,SERS		1304.10 00	015064.00
B,I6050		14775.50 00	015064.40

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16051	LVI,\$X1,0.0	-CHK 46-63.	0.03	01		015065.00
	LCI,\$X1,18		22.03	02		015065.40
	LVI,\$X2,0.0		0.05	01		015066.00
	SIC,160SX1		23041.00	80		015066.40
	B,160S1		22741.10	00		015067.00
	TI,1,0,12.0		0.00	80	000014.02 A0	015067.40
16052	LX,\$X0,BIT46%\$X1		24600.00	11		015070.40
	TI,1,\$X0,11.0		20.00	80	000013.02 A0	015071.00
	NOP		0.30	00		015072.00
	NOP		0.30	00		015072.40
	TI,1,11.0,\$X3		13.00	80	000023.02 A0	015073.00
	SR,\$X3,\$X3		23.07	70		015074.00
	NOP		0.30	00		015074.40
	NOP		0.30	00		015075.00
	KV,\$X3,BIT0%\$X1		24522.06	91		015075.40
	BXE,\$+1.0		15077.32	C2		015076.00
	B,160B11%\$X2	-LOST BIT.	15105.10	02		015076.40
16053	Z,\$IND		13.22	00		015077.00
	TI,1,\$IND,\$X3		13.00	80	000023.02 A0	015077.40
	SR,\$X3,\$X3		23.07	70		015100.40
	NOP		0.30	00		015101.00
	NOP		0.30	00		015101.40
	KV,\$X3,BIT0%\$X1		24522.06	91		015102.00
	BXL,\$+1.0		15103.72	42		015102.40
	B,160B12%\$X2		15140.10	02		015103.00
16054	V+1,\$X2,1.32		1.45	05		015103.40
	CB+,\$X1,16052		15070.43	48		015104.00
	BD,16055		15173.04	00		015104.40
-YOU CAME TO THIS ERROR TABLE FROM 16053						
160B11	SIC,SEN	-CANT SET TO 1 IND BIT 46.	1310.00	80		015105.00
	B,SERS		1304.10	00		015105.40
	B,16053		15077.10	00		015106.00
	SIC,SEN	-CANT SET TO 1 IND BIT 47.	1310.00	80		015106.40
	B,SERS		1304.10	00		015107.00
	B,16053		15077.10	00		015107.40
12	SIC,SEN	-CANT SET TO 1 IND BIT 48.	1310.00	80		015110.00
	B,SERS		1304.10	00		015110.40
11	B,16053		15077.10	00		015111.00
10	SIC,SEN	-CANT SET TO 1 IND BIT 49.	1310.00	80		015111.40
	B,SERS		1304.10	00		015112.00
9	B,16053		15077.10	00		015112.40
8	SIC,SEN	-CANT SET TO 1 IND BIT 50.	1310.00	80		015113.00
	B,SERS		1304.10	00		015113.40
7	B,16053		15077.10	00		015114.00
6	SIC,SEN	-CANT SET TO 1 IND BIT 51.	1310.00	80		015114.40
	B,SERS		1304.10	00		015115.00
5	B,16053		15077.10	00		015115.40
4	SIC,SEN	-CANT SET TO 1 IND BIT 52.	1310.00	80		015116.00
	B,SERS		1304.10	00		015116.40
3	B,16053		15077.10	00		015117.00
2	SIC,SEN	-CANT SET TO 1 IND BIT 53.	1310.00	80		015117.40
	B,SERS		1304.10	00		015120.00

B,16053

15077.10 00

015120.40

SIC,SEN
B,SERS
B,16053

-CANT SET TO I IND BIT 54.

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1310.00 80
1304.10 00
15077.10 00

015121.00
015121.40
015122.00

SIC,SEN
B,SERS
B,16053

-CANT SET TO I IND BIT 55.

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1310.00 80
1304.10 00
15077.10 00

015122.40
015123.00
015123.40

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	SIC,SEN	-CANT SET TO 1 IND BIT 56.	1310.00 80	015124.00
	B,SERS		1304.10 00	015124.40
	B,16053		15077.10 00	015125.00
	SIC,SEN	-CANT SET TO 1 IND BIT 57.	1310.00 80	015125.40
	B,SERS		1304.10 00	015126.00
	B,16053		15077.10 00	015126.40
	SIC,SEN	-CANT SET TO 1 IND BIT 58.	1310.00 80	015127.00
	B,SERS		1304.10 00	015127.40
	B,16053		15077.10 00	015130.00
	SIC,SEN	-CANT SET TO 1 IND BIT 59.	1310.00 80	015130.40
	B,SERS		1304.10 00	015131.00
	B,16053		15077.10 00	015131.40
	SIC,SEN	-CANT SET TO 1 IND BIT 60.	1310.00 80	015132.00
	B,SERS		1304.10 00	015132.40
	B,16053		15077.10 00	015133.00
	SIC,SEN	-CANT SET TO 1 IND BIT 61.	1310.00 80	015133.40
	B,SERS		1304.10 00	015134.00
	B,16053		15077.10 00	015134.40
	SIC,SEN	-CANT SET TO 1 IND BIT 62.	1310.00 80	015135.00
	B,SERS		1304.10 00	015135.40
	B,16053		15077.10 00	015136.00
	SIC,SEN	-CANT SET TO 1 IND BIT 63.	1310.00 80	015136.40
	B,SERS		1304.10 00	015137.00
	B,16053		15077.10 00	015137.40
160B12	SIC,SEN	-CANT SET TO 0 IND BIT 46.	1310.00 80	015140.00
	B,SERS		1304.10 00	015140.40
	B,16054		15103.50 00	015141.00
	SIC,SEN	-CANT SET TO 0 IND BIT 47.	1310.00 80	015141.40
	B,SERS		1304.10 00	015142.00
	B,16054		15103.50 00	015142.40
2	SIC,SEN	-CANT SET TO 0 IND BIT 48.	1310.00 80	015143.00
	B,SERS		1304.10 00	015143.40
1	B,16054		15103.50 00	015144.00
0	SIC,SEN	-CANT SET TO 0 IND BIT 49.	1310.00 80	015144.40
	B,SERS		1304.10 00	015145.00
9	B,16054		15103.50 00	015145.40
8	SIC,SEN	-CANT SET TO 0 IND BIT 50.	1310.00 80	015146.00
	B,SERS		1304.10 00	015146.40
7	B,16054		15103.50 00	015147.00
6	SIC,SEN	-CANT SET TO 0 IND BIT 51.	1310.00 80	015147.40
	B,SERS		1304.10 00	015150.00
5	B,16054		15103.50 00	015150.40
4	SIC,SEN	-CANT SET TO 0 IND BIT 52.	1310.00 80	015151.00
	B,SERS		1304.10 00	015151.40
3	B,16054		15103.50 00	015152.00
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SIC,SEN	-CANT SET TO 0 IND BIT 53.	1310.00 80	015152.40
B,SERS		1304.10 00	015153.00
B,16054		15103.50 00	015153.40
SIC,SEN	-CANT SET TO 0 IND BIT 54.	1310.00 80	015154.00
B,SERS		1304.10 00	015154.40
B,16054		15103.50 00	015155.00
SIC,SEN	-CANT SET TO 0 IND BIT 55.	1310.00 80	015155.40
B,SERS		1304.10 00	015156.00
B,16054		15103.50 00	015156.40
SIC,SEN	-CANT SET TO 0 IND BIT 56.	1310.00 80	015157.00
B,SERS		1304.10 00	015157.40
B,16054		15103.50 00	015160.00
SIC,SEN	-CANT SET TO 0 IND BIT 57.	1310.00 80	015160.40
B,SERS		1304.10 00	015161.00
B,16054		15103.50 00	015161.40
SIC,SEN	-CANT SET TO 0 IND BIT 58.	1310.00 80	015162.00
B,SERS		1304.10 00	015162.40
B,16054		15103.50 00	015163.00
SIC,SEN	-CANT SET TO 0 IND BIT 59.	1310.00 80	015163.40
B,SERS		1304.10 00	015164.00
B,16054		15103.50 00	015164.40
SIC,SEN	-CANT SET TO 0 IND BIT 60.	1310.00 80	015165.00
B,SERS		1304.10 00	015165.40
B,16054		15103.50 00	015166.00
SIC,SEN	-CANT SET TO 0 IND BIT 61.	1310.00 80	015166.40
B,SERS		1304.10 00	015167.00
B,16054		15103.50 00	015167.40
SIC,SEN	-CANT SET TO 0 IND BIT 62.	1310.00 80	015170.00
B,SERS		1304.10 00	015170.40
B,16054		15103.50 00	015171.00
SIC,SEN	-CANT SET TO 0 IND BIT 63.	1310.00 80	015171.40
B,SERS		1304.10 00	015172.00
B,16054		15103.50 00	015172.40

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16055	LX,\$X0,160K2	-CHK 26,27.	23043.00	10		015173.00
	TI,1,\$X0,11.0		20.00	80	000013.02 A0	015173.40
	LX,\$X1,1000		24503.02	10		015174.40
	Z,160DMP		23301.22	00		015175.00
	Z,\$X0		20.22	00		015175.40
	TI,1,11.0,\$X0		13.00	80	000020.02 A0	015176.00
	LV,\$X0,160K2		23043.00	30		015177.00
	SX,\$X0,16056		15201.01	10		015177.40
	LV,\$X0,160K2+.32		23043.40	30		015200.00
	SV,\$X0,16056+.32		15201.41	30		015200.40
	CNOP					
16056	XW,0,0,0		0.00	00	000000.00 00	015201.00
	LX,\$X0,160DMP		23301.00	10		015202.00
	BZXVZ,\$+1.32		15204.31	40		015202.40
	SIC,SEN		1310.00	80		015203.00
	B,SERS	-UNABLE TO SET IND BIT 27 TO 1.	1304.10	00		015203.40
	LX,\$X0,160K3	-26 AND 27 SPUR.	23044.00	10		015204.00
	TI,1,\$X0,11.0		20.00	80	000013.02 A0	015204.40
	LX,\$X1,1000		24503.02	10		015205.40
	Z,160DMP		23301.22	00		015206.00
	Z,\$X0		20.22	00		015206.40
	TI,1,11.0,\$X0		13.00	80	000020.02 A0	015207.00
	LV,\$X0,160K3		23044.00	30		015210.00
	SX,\$X0,16057		15212.01	10		015210.40
	LV,\$X0,160K3+.32		23044.40	30		015211.00
	SV,\$X0,16057+.32		15212.41	30		015211.40
	CNOP					
16057	XW,0,0,0		0.00	00	000000.00 00	015212.00
	LX,\$X0,160DMP		23301.00	10		015213.00
	BXVZ,16059	-ALL OK	15217.31	42		015213.40
	BXCZ,16058	-BOTH SPUR	15216.30	42		015214.00
	SIC,SEN		1310.00	80		015214.40
	B,SERS	-IND REG BIT 27 SPUR.	1304.10	00		015215.00
	B,\$+1.32		15217.10	00		015215.40
	LX,\$X0,160K4	-CHK 26 LOST.	23045.00	10		015217.00
	TI,1,\$X0,11.0		20.00	80	000013.02 A0	015217.40
	LX,\$X1,1000		24503.02	10		015220.40
	Z,160DMP		23301.22	00		015221.00
	Z,\$X0		20.22	00		015221.40
	TI,1,11.0,\$X0		13.00	80	000020.02 A0	015222.00
	LV,\$X0,160K4		23045.00	30		015223.00
	SX,\$X0,16060		15225.01	10		015223.40
	LV,\$X0,160K4+.32		23045.40	30		015224.00
	SV,\$X0,16060+.32		15225.41	30		015224.40
	CNOP					
16060	XW,0,0,0		0.00	00	000000.00 00	015225.00
	LX,\$X0,160DMP		23301.00	10		015226.00
	BXCZ,\$+2.0		15230.70	42		015226.40
	SIC,SEN		1310.00	80		015227.00
	B,SERS	-CANT SET IND REG BIT 26 TO 1.	1304.10	00		015227.40
	B,\$+2.0		15232.10	00		015230.00
	BZXVZ,\$+1.32		15232.31	40		015230.40
	SIC,SEN	-IND REG BITS 26 AND 27 UNABLE TO	1310.00	80		015231.00
	B,SERS	-BE SET TO 1.	1304.10	00		015231.40
	B,\$+1.0		15233.10	00		015232.00

BD,16044
SIC,SENO+.32
B,SSW
BD,\$+.32

-TO SSIP

14710.04 00
1311.40 80
1301.10 00
15234.44 00

015232.40
015233.00
015233.40
015234.00

LX,\$X13,IC260
V+,\$X13,BIT5
SX,\$X13,IC260

-UPDATE CONTINUITY CHECK.

22737.32 10
24527.32 80
22737.33 10

015234.40
015235.00
015235.40

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16061	BD,\$+.32	-TEST 5, CHK INT, BIT BY BIT.	15236.44	00	015236.00
	LX,\$X1,160XW4	-SETUP INT TBL FOR THIS RTN.	23070.02	10	015236.40
	LX,\$X2,160K6		23047.04	10	015237.00
	SX,\$X2,160INT	-HI,BEFORE.	23100.05	10	015237.40
	V+I,\$X2,0.32		0.45	05	015240.00
	SX,\$X2,160INT+I	-OK,AT.	23101.05	10	015240.40
	V+I,\$X2,0.32		0.45	05	015241.00
	V+I,\$X1,1.0		1.03	06	015241.40
	SX,\$X2,160INT+1.0%\$X1	-LO,AFTER.	23101.05	11	015242.00
	CB+,\$X1,\$-.32		15242.03	48	015242.40
	LVI,\$X1,16088	-SETUP CPUS AND RESERVD	21400.43	01	015243.00
	SVA,\$X1,16064+5.0	-BIND ADDRESS.	15260.03	D0	015243.40
	SVA,\$X1,16064+14.0		15271.03	D0	015244.00
	LX,\$X1,160XW2		23066.02	10	015244.40
	LX,\$X6,100Z		24502.14	10	015245.00
16063	LVI,\$X2,160INT+1.0		23101.05	01	015245.40
	SVA,\$X2,\$IA		2.05	D0	015246.00
	LVI,\$X13,%8#777777.0	-PUT LARGE VALUE IN INT TIMER.	777777.33	01	015246.40
	SV,\$X13,1.0		1.33	30	015247.00
	LX,\$X2,16064%\$X1	-SET PROPER BIND INSTRUCTION	15253.04	11	015247.40
	SX,\$X2,16093A		21742.05	10	015250.00
	KVI,\$X1,20.0	-BIT 0-19.	24.03	04	015250.40
	BXL,\$+1.0	-YES	15252.32	42	015251.00
	B,16087	-NO	21376.50	00	015251.40
	B,16064%\$X1	-IS BIT ON	15253.10	01	015252.00
	CNOP		0.30	00	015252.40
16064	BMK,16088	-SEE IF TND ON.	21400.40	42	015253.00
	B,16065		15357.10	00	015253.40
	BIT,16088		21400.40	C2	015254.00
	B,16065		15357.10	00	015254.40
	BITJ,16088		21400.41	42	015255.00
	B,16065		15357.10	00	015255.40
	BEK,16088		21400.41	C2	015256.00
	B,16065		15357.10	00	015256.40
	BTS,16088		21400.42	42	015257.00
	B,16065		15357.10	00	015257.40
12	%8#DD%BU,32,8#1302	-CPUS			00000001302 015260.00
	B,16065		15357.10	00	015260.40
11	BEKJ,16088		21400.43	42	015261.00
	B,16065		15357.10	00	015261.40
10	BUNRJ,16088		21400.43	C2	015262.00
	B,16065		15357.10	00	015262.40
9	BCBJ,16088		21400.44	42	015263.00
	B,16065		15357.10	00	015263.40
8	BEPGK,16088		21400.44	C2	015264.00
	B,16065		15357.10	00	015264.40
7	BUK,16088		21400.45	42	015265.00
	B,16065		15357.10	00	015265.40
6	BEE,16088		21400.45	C2	015266.00
	B,16065		15357.10	00	015266.40
5	BEOP,16088		21400.46	42	015267.00
	B,16065		15357.10	00	015267.40
4	BCS,16088		21400.46	C2	015270.00
	B,16065		15357.10	00	015270.40
3	%8#DD%BU,32,8#3502	-RES			00000003502 015271.00
	B,16065		15357.10	00	015271.40
2	BOP,16088		21400.47	C2	015272.00
	B,16065		15357.10	00	015272.40

	BAD,16088	21400.50	42	015273.00
	B,16065	15357.10	00	015273.40
	BUSA,16088	21400.50	C2	015274.00
	B,16065	15357.10	00	015274.40
	BEXE,16088	21400.51	42	015275.00
	B,16065	15357.10	00	015275.40
	BDS,16088	21400.51	C2	015276.00
	B,16065	15357.10	00	015276.40
	BDF,\$	15277.12	42	015277.00
	B,\$	15277.50	00	015277.40
	BIF,\$	15300.12	C2	015300.00
	B,\$	15300.50	00	015300.40
	BLC,\$	15301.13	42	015301.00
	B,\$	15301.50	00	015301.40
	BPF,\$	15302.13	C2	015302.00
	B,\$	15302.50	00	015302.40
	BZD,\$	15303.14	42	015303.00
	B,\$	15303.50	00	015303.40
	BTR,\$	15304.14	C2	015304.00
	B,\$	15304.50	00	015304.40
	BLS,\$	15305.15	42	015305.00
	B,\$	15305.50	00	015305.40
	BPSH,\$	15306.15	C2	015306.00
	B,\$	15306.50	00	015306.40
	BXPFP,\$	15307.16	42	015307.00
	B,\$	15307.50	00	015307.40
	BXPO,\$	15310.16	C2	015310.00
	B,\$	15310.50	00	015310.40
	BXPH,\$	15311.17	42	015311.00
	B,\$	15311.50	00	015311.40
	BXPL,\$	15312.17	C2	015312.00
	B,\$	15312.50	00	015312.40
	BXPU,\$	15313.20	42	015313.00
	B,\$	15313.50	00	015313.40
	BZM,\$	15314.20	C2	015314.00
	B,\$	15314.50	00	015314.40
	BRU,\$	15315.21	42	015315.00
	B,\$	15315.50	00	015315.40
	BTF,\$	15316.21	C2	015316.00
	B,\$	15316.50	00	015316.40
	BUF,\$	15317.22	42	015317.00
	B,\$	15317.50	00	015317.40
	BVF,\$	15320.22	C2	015320.00
	B,\$	15320.50	00	015320.40
12	BXF,\$	15321.23	42	015321.00
	B,\$	15321.50	00	015321.40
11	BBTR,\$	15322.23	C2	015322.00
	B,\$	15322.50	00	015322.40
10	BDTR,\$	15323.24	42	015323.00
	B,\$	15323.50	00	015323.40
9	BPG0,\$	15324.24	C2	015324.00
	B,\$	15324.50	00	015324.40
8	BPG1,\$	15325.25	42	015325.00
	B,\$	15325.50	00	015325.40
7	BPG2,\$	15326.25	C2	015326.00
	B,\$	15326.50	00	015326.40
6	BPG3,\$	15327.26	42	015327.00
	B,\$	15327.50	00	015327.40
5	BPG4,\$	15330.26	C2	015330.00
	B,\$	15330.50	00	015330.40
4	BPG5,\$	15331.27	42	015331.00
	B,\$	15331.50	00	015331.40
3	BPG6,\$	15332.27	C2	015332.00
	B,\$	15332.50	00	015332.40
2	BXCZ,\$	15333.30	42	015333.00
	B,\$	15333.50	00	015333.40

BXVLZ,\$	15334.30	C2	015334.00
B,\$	15334.50	00	015334.40
BXVZ,\$	15335.31	42	015335.00
B,\$	15335.50	00	015335.40
BXVGZ,\$	15336.31	C2	015336.00
B,\$	15336.50	00	015336.40
BXL,\$	15337.32	42	015337.00
B,\$	15337.50	00	015337.40
BXE,\$	15340.32	C2	015340.00
B,\$	15340.50	00	015340.40
BXH,\$	15341.33	42	015341.00
B,\$	15341.50	00	015341.40
BMOP,\$	15342.33	C2	015342.00
B,\$	15342.50	00	015342.40
BRLZ,\$	15343.34	42	015343.00
B,\$	15343.50	00	015343.40
BRZ,\$	15344.34	C2	015344.00
B,\$	15344.50	00	015344.40
BRGZ,\$	15345.35	42	015345.00
B,\$	15345.50	00	015345.40
BRN,\$	15346.35	C2	015346.00
B,\$	15346.50	00	015346.40
BAL,\$	15347.36	42	015347.00
B,\$	15347.50	00	015347.40
BAE,\$	15350.36	C2	015350.00
B,\$	15350.50	00	015350.40
BAH,\$	15351.37	42	015351.00
B,\$	15351.50	00	015351.40
BNM,\$	15352.37	C2	015352.00
B,\$	15352.50	00	015352.40
NOP	0.30	00	015353.00
NOP	0.30	00	015353.40
NOP	0.30	00	015354.00
NOP	0.30	00	015354.40
NOP	0.30	00	015355.00
NOP	0.30	00	015355.40
NOP	0.30	00	015356.00
NOP	0.30	00	015356.40

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16065	B,16066%\$X1□ CNOP	-BIT NOT ON, GO RURN ON IF CAN.	15360.10 01 0.30 00	015357.00 015357.40
16066	B,16067 NOP	-TURN ON MK.	15403.50 00 0.30 00	015360.00 015360.40
	B,16068 NOP	-TURN ON IK.	15504.10 00 0.30 00	015361.00 015361.40
	B,16069 NOP	-TURN ON IJ.	15605.10 00 0.30 00	015362.00 015362.40
	B,16070 NOP	-TURN ON EK.	15706.10 00 0.30 00	015363.00 015363.40
	B,16071 NOP	-TURN ON TS.	16007.10 00 0.30 00	015364.00 015364.40
	B,16072 NOP	-TURN ON CPUS.	16013.10 00 0.30 00	015365.00 015365.40
	B,16073 NOP	-TURN ON EKJ.	16114.10 00 0.30 00	015366.00 015366.40
	B,16074 NOP	-TURN ON UNRJ.	16215.10 00 0.30 00	015367.00 015367.40
	B,16075 NOP		16316.10 00 0.30 00	015370.00 015370.40
	B,16076 NOP	-TURN ON EPGK.	16417.10 00 0.30 00	015371.00 015371.40
	B,16077 NOP	-TURN ON UK.	16520.10 00 0.30 00	015372.00 015372.40
	B,16078 NOP	-TURN ON EE.	16621.10 00 0.30 00	015373.00 015373.40
	B,16079 NOP	-TURN ON EOP.	16722.10 00 0.30 00	015374.00 015374.40
	B,16080 NOP	-TURN ON CS.	17023.10 00 0.30 00	015375.00 015375.40
	B,16081 NOP	-TURN ON RESRV.	17124.10 00 0.30 00	015376.00 015376.40
	B,16082 NOP	-TURN ON OP.	17225.10 00 0.30 00	015377.00 015377.40
	B,16083 NOP	-TURN ON AD.	17232.10 00 0.30 00	015400.00 015400.40
	B,16084 NOP	-TURN ON USA.	17235.10 00 0.30 00	015401.00 015401.40
	B,16085 NOP	-TURN ON EXE.	21247.50 00 0.30 00	015402.00 015402.40
	B,16086	-TURN ON DS.	21365.10 00	015403.00
16067	B,16093 CNOP	-MK -CANT TURN ON.	21734.10 00	015403.40
	DR%BU,64,8□,64		100.00	015404.00
16068	B,16093 CNOP	-IK -CANT TURN ON.	21734.10 00 0.30 00	015504.00 015504.40
	DR%BU,64,8□,64		100.00	015505.00
16069	B,16093 CNOP	-IJ -CANT TURN ON.	21734.10 00 0.30 00	015605.00 015605.40
	DR%BU,64,8□,64		100.00	015606.00
16070	B,16093 CNOP	-EK -CANT TURN ON.	21734.10 00 0.30 00	015706.00 015706.40
	DR%BU,64,8□,64		100.00	015707.00

16071	LX,\$X4,BIT18 SV,\$X4,1.0 LCI,\$X4,512 CB,\$X4,\$ BTS,16088 SIC,SEN B,SERS B,16093	-TS -UNABLE TO TURN TS ON.	24544.10 10 1.11 30 1000.11 02 16010.50 48 21400.42 42 1310.00 80 1304.10 00 21734.10 00	016007.00 016007.40 016010.00 016010.40 016011.00 016011.40 016012.00 016012.40
16072	B,16093 CNOP DR%BU,64,8□,64	-CPUS -CANT TURN ON.	21734.10 00 0.30 00 100.00	016013.00 016013.40 016014.00
16073	B,16093 CNOP DR%BU,64,8□,64	-EKJ -CANT TURN ON	21734.10 00 0.30 00 100.00	016114.00 016114.40 016115.00
16074	B,16093 CNOP DR%BU,64,8□,64	-UNRJ -CANT TURN ON.	21734.10 00 0.30 00 100.00	016215.00 016215.40 016216.00
16075	B,16093 CNOP DR%BU,64,8□,64	-CBJ -CANT TURN ON.	21734.10 00 0.30 00 100.00	016316.00 016316.40 016317.00
16076	B,16093 CNOP DR%BU,64,8□,64	-EPGK -CANT TURN ON.	21734.10 00 0.30 00 100.00	016417.00 016417.40 016420.00
16077	B,16093 CNOP DR%BU,64,8□,64	-UK -CANT TURN ON.	21734.10 00 0.30 00 100.00	016520.00 016520.40 016521.00
16078	B,16093 CNOP DR%BU,64,8□,64	-EE -CANT TURN ON.	21734.10 00 0.30 00 100.00	016621.00 016621.40 016622.00
16079	B,16093 CNOP DR%BU,64,8□,64	-EOP -CANT TURN ON.	21734.10 00 0.30 00 100.00	016722.00 016722.40 016723.00
16080	B,16093 CNOP DR%BU,64,8□,64	-CS -CANT TURN ON.	21734.10 00 0.30 00 100.00	017023.00 017023.40 017024.00
16081	B,16093 CNOP DR%BU,64,8□,64	-RESRVD -CANT TURN ON.	21734.10 00 0.30 00 100.00	017124.00 017124.40 017125.00
16082	LX,\$X4,160K7 SX,\$X4,16082A NOP NOP CNOP	-OP	23050.10 10 17227.11 10 0.30 00 0.30 00	017225.00 017225.40 017226.00 017226.40
16082A	XW,0,0,0 BOP,16088 SIC,SEN B,SERS B,16093	 -UNABLE TO TURN OP ON.	0.00 00 000000.00 00 21400.47 C2 1310.00 80 1304.10 00 21734.10 00	017227.00 017230.00 017230.40 017231.00 017231.40
16083	SV,\$X4,1.32 NOP	-AD	1.51 30 0.30 00	017232.00 017232.40

BAD,16088
SIC,SEN
B,SERS
B,16093

-UNABLE TO TURN AD ON.

21400.50 42
1310.00 80
1304.10 00
21734.10 00

017233.00
017233.40
017234.00
017234.40

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16084	LX,\$X4,USAWD	-USA	23076.10	10	017235.00
	LX,\$X5,USALVE		23077.12	10	017235.40
	SX,\$X5,16084A%\$X4		17245.13	14	017236.00
	CB+,\$X4,\$-.32		17236.11	48	017236.40
	LX,\$X4,USAWD		23076.10	10	017237.00
	LVI,\$X13,16084A+.32		17245.73	01	017237.40
	SVA,\$X13,16084A%\$X4		17245.33	D4	017240.00
	V+I,\$X13,0.32		0.73	05	017240.40
	SVA,\$X13,16084A+.32%\$X4		17245.73	D4	017241.00
	V+I,\$X13,0.32		0.73	05	017241.40
	CB+,\$X4,\$-2.0		17240.11	48	017242.00
	LVI,\$X4,16084C		21245.51	01	017242.40
	SVA,\$X4,16084B		21245.11	D0	017243.00
	LVE,\$X13,16084A		17245.33	B0	017243.40
	B,16084C		21245.50	00	017244.00
	CNOP		0.30	00	017244.40
16084A	DR%BU,64,8,1024		2000.00		017245.00
16084B	B,16084C		21245.50	00	021245.00
16084C	BUSA,16088		21400.50	C2	021245.40
	SIC,SEN		1310.00	80	021246.00
	B,SERS	-1024 LVE FAILS TO SET USA.	1304.10	00	021246.40
	B,16093		21734.10	00	021247.00
16085	SV,\$X4,1.32	-EXE	1.51	30	021247.40
	NOP		0.30	00	021250.00
	BAD,16085A		21252.50	42	021250.40
	SIC,SEN	-UNABLE TO TURN AD ON, CANT TURN	1310.00	80	021251.00
	B,SERS	-EXE ON AS A RESULT.	1304.10	00	021251.40
	B,16085E		21363.10	00	021252.00
16085A	LX,\$X4,16082A-1.0	-SET UP NOP INT TBL.	17226.10	10	021252.40
	LCI,\$X5,64		100.13	02	021253.00
	LVI,\$X5,0.0		0.13	01	021253.40
	SX,\$X4,16085B%\$X5		21261.11	15	021254.00
	CB+,\$X5,\$-.32		21254.13	48	021254.40
	LV,\$X4,\$1A		2.10	30	021255.00
	LVI,\$X5,16085B		21261.13	01	021255.40
	SVA,\$X5,\$1A		2.13	D0	021256.00
	EX,16085D		21257.52	00	021256.40
	BD,\$+.32		21257.44	00	021257.00
12	16085D		21260.04	00	021257.40
	BD,16085C		21361.04	00	021260.00
11			0.30	00	021260.40
	CNOP				
10	16085B	DR%BU,64,8,64	100.00		021261.00
	16085C	BEXE,16085F	21363.51	42	021361.00
	SIC,SEN	-EX OF A B DOES NOT SET EXE.	1310.00	80	021361.40
9			1304.10	00	021362.00
	B,SERS		1304.10	00	021362.00
	SV,\$X4,\$1A		2.11	30	021362.40
8	16085E	B,16093	21734.10	00	021363.00
	16085F	SV,\$X4,\$1A	2.11	30	021363.40
7		BADZ,\$+.32	21364.50	46	021364.00
	B,16088		21400.50	00	021364.40
6					
	CNOP				
5	16086	SV,\$X4,1.00	1.11	30	021365.00
	%DD%BU,32,8,3740	-ILLEGAL OP, FP 31.			00000003740 021365.40
4		SV,\$X4,1.32	1.51	30	021366.00
	LX,\$X4,16086	-TURN ON \$AD ON	21365.10	10	021366.40
3		SX,\$X4,16085B+15.0	21300.11	10	021367.00
	LX,\$X4,160K16		23061.10	10	021367.40
2		SX,\$X4,16085B+16.0	21301.11	10	021370.00
	LV,\$X4,\$1A		2.10	30	021370.40

	LVI,\$X5,16085B		21261.13 01	021371.00
	SVA,\$X5,\$1A		2.13 D0	021371.40
	BE,16086A		21372.40 00	021372.00
16086A	BD,\$+.32		21373.04 00	021372.40
	SVA,\$X4,\$1A		2.11 D0	021373.00
	BDS,16086B		21375.51 C2	021373.40
	STC,SEN		1310.00 80	021374.00
	B,SERS	-SV TO 1.0 FAILS TO SET	1304.10 00	021374.40
	B,16093	-DS WHEN ENABLED.	21734.10 00	021375.00
			-	
16086B	BADZ,\$+.32		21376.10 46	021375.40
	B,16088		21400.50 00	021376.00

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16087	SIC,160SX1 B,160S1	-TURN ON BIT 20-47.	23041.00 80	021376.40
			22741.10 00	021377.00
	TI,1,BIT0%\$X1%,\$IND	-SET ONE OF 20-47	24522.00 81 000013.02 A0	021377.40 ✓
16088	TI,1,BIT0%\$X1%,\$MASK	-SET MASK BIT OF TEST IND BIT	24522.00 81 000014.02 A0	021400.40
	BE,\$+.32	-ENABLE AND AWAIT INTERRUPT	21402.00 00	021401.40
	BD,160B13%\$X6%		21402.44 00	021402.00
160B13	SIC,SEN	-FAILED TO INTERRUPT ON IND MK	1310.00 80	021402.40
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021403.00
	BD,16093		21734.04 00	021403.40
	SIC,SEN	-FAILED TO INTERRUPT ON IND IK	1310.00 80	021404.00
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021404.40
	BD,16093		21734.04 00	021405.00
	SIC,SEN	-FAILED TO INTERRUPT ON IND IJ	1310.00 80	021405.40
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021406.00
	BD,16093		21734.04 00	021406.40
	SIC,SEN	-FAILED TO INTERRUPT ON IND EK	1310.00 80	021407.00
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021407.40
	BD,16093		21734.04 00	021410.00
	SIC,SEN	-FAILED TO INTERRUPT ON IND TS	1310.00 80	021410.40
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021411.00
	BD,16093		21734.04 00	021411.40
	SIC,SEN	-FAILED TO INTERRUPT ON IND CPUS	1310.00 80	021412.00
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021412.40
	BD,16093		21734.04 00	021413.00
	SIC,SEN	-FAILED TO INTERRUPT ON IND EKJ	1310.00 80	021413.40
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021414.00
	BD,16093		21734.04 00	021414.40
	SIC,SEN	-FAILED TO INTERRUPT ON IND UNRJ	1310.00 80	021415.00
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021415.40
	BD,16093		21734.04 00	021416.00
	SIC,SEN	-FAILED TO INTERRUPT ON IND CBJ	1310.00 80	021416.40
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021417.00
	BD,16093		21734.04 00	021417.40
	SIC,SEN	-FAILED TO INTERRUPT ON IND EPGK	1310.00 80	021420.00
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021420.40
	BD,16093		21734.04 00	021421.00
	SIC,SEN	-FAILED TO INTERRUPT ON IND UK	1310.00 80	021421.40
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021422.00
	BD,16093		21734.04 00	021422.40
	SIC,SEN	-FAILED TO INTERRUPT ON IND EE	1310.00 80	021423.00
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021423.40
	BD,16093		21734.04 00	021424.00
	SIC,SEN	-FAILED TO INTERRUPT ON IND EOP	1310.00 80	021424.40
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021425.00
	BD,16093		21734.04 00	021425.40
	SIC,SEN	-FAILED TO INTERRUPT ON IND CS	1310.00 80	021426.00
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021426.40
	BD,16093		21734.04 00	021427.00

	SIC,SEN	-FAILED TO INTERRUPT ON IND RESRVD	1310.00 80	021427.40
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021430.00
	BD,16093		21734.04 00	021430.40
	SIC,SEN	-FAILED TO INTERRUPT ON IND OP	1310.00 80	021431.00
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021431.40
	BD,16093		21734.04 00	021432.00
	SIC,SEN	-FAILED TO INTERRUPT ON IND AD	1310.00 80	021432.40
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021433.00
	BD,16093		21734.04 00	021433.40
	SIC,SEN	-FAILED TO INTERRUPT ON IND USA	1310.00 80	021434.00
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021434.40
	BD,16093		21734.04 00	021435.00
	SIC,SEN	-FAILED TO INTERRUPT ON IND EXE	1310.00 80	021435.40
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021436.00
	BD,16093		21734.04 00	021436.40
	SIC,SEN	-FAILED TO INTERRUPT ON IND DS	1310.00 80	021437.00
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021437.40
	BD,16093		21734.04 00	021440.00
	SIC,SEN	-FAILED TO INTERRUPT ON IND DF	1310.00 80	021440.40
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021441.00
	BD,16093		21734.04 00	021441.40
	SIC,SEN	-FAILED TO INTERRUPT ON IND IF	1310.00 80	021442.00
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021442.40
	BD,16093		21734.04 00	021443.00
	SIC,SEN	-FAILED TO INTERRUPT ON IND LC	1310.00 80	021443.40
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021444.00
	BD,16093		21734.04 00	021444.40
	SIC,SEN	-FAILED TO INTERRUPT ON IND PF	1310.00 80	021445.00
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021445.40
	BD,16093		21734.04 00	021446.00
12	SIC,SEN	-FAILED TO INTERRUPT ON IND ZD	1310.00 80	021446.40
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021447.00
11	BD,16093		21734.04 00	021447.40
10	SIC,SEN	-FAILED TO INTERRUPT ON IND IR	1310.00 80	021450.00
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021450.40
9	BD,16093		21734.04 00	021451.00
8	SIC,SEN	-FAILED TO INTERRUPT ON IND LS	1310.00 80	021451.40
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021452.00
7	BD,16093		21734.04 00	021452.40
6	SIC,SEN	-FAILED TO INTERRUPT ON IND PSH	1310.00 80	021453.00
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021453.40
5	BD,16093		21734.04 00	021454.00
4	SIC,SEN	-FAILED TO INTERRUPT ON IND XPPF	1310.00 80	021454.40
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021455.00
3	BD,16093		21734.04 00	021455.40
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	SIC,SEN	-FAILED TO INTERRUPT ON IND XPO	1310.00 80	021456.00
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021456.40
	BD,16093		21734.04 00	021457.00
	SIC,SEN	-FAILED TO INTERRUPT ON IND XPH	1310.00 80	021457.40
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021460.00
	BD,16093		21734.04 00	021460.40
	SIC,SEN	-FAILED TO INTERRUPT ON IND XPL	1310.00 80	021461.00
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021461.40
	BD,16093		21734.04 00	021462.00
	SIC,SEN	-FAILED TO INTERRUPT ON IND XPU	1310.00 80	021462.40
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021463.00
	BD,16093		21734.04 00	021463.40
	SIC,SEN	-FAILED TO INTERRUPT ON IND ZM	1310.00 80	021464.00
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021464.40
	BD,16093		21734.04 00	021465.00
	SIC,SEN	-FAILED TO INTERRUPT ON IND RU	1310.00 80	021465.40
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021466.00
	BD,16093		21734.04 00	021466.40
	SIC,SEN	-FAILED TO INTERRUPT ON IND TF	1310.00 80	021467.00
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021467.40
	BD,16093		21734.04 00	021470.00
	SIC,SEN	-FAILED TO INTERRUPT ON IND UF	1310.00 80	021470.40
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021471.00
	BD,16093		21734.04 00	021471.40
	SIC,SEN	-FAILED TO INTERRUPT ON IND VF	1310.00 80	021472.00
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021472.40
	BD,16093		21734.04 00	021473.00
	SIC,SEN	-FAILED TO INTERRUPT ON IND XF	1310.00 80	021473.40
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021474.00
	BD,16093		21734.04 00	021474.40
12	SIC,SEN	-FAILED TO INTERRUPT ON IND BTR	1310.00 80	021475.00
11	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021475.40
	BD,16093		21734.04 00	021476.00
10	SIC,SEN	-FAILED TO INTERRUPT ON IND DTR	1310.00 80	021476.40
9	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021477.00
	BD,16093		21734.04 00	021477.40
8	SIC,SEN	-FAILED TO INTERRUPT ON IND PG0	1310.00 80	021500.00
7	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021500.40
	BD,16093		21734.04 00	021501.00
6	SIC,SEN	-FAILED TO INTERRUPT ON IND PG1	1310.00 80	021501.40
5	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021502.00
	BD,16093		21734.04 00	021502.40
4	SIC,SEN	-FAILED TO INTERRUPT ON IND PG2	1310.00 80	021503.00
3	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021503.40
	BD,16093		21734.04 00	021504.00
2	SIC,SEN	-FAILED TO INTERRUPT ON IND PG3	1310.00 80	021504.40
	BD,SERS	-IN 1 MILLISEC.	1304.04 00	021505.00

	BD,16093			21734.04 00	021505.40
	SIC,SEN	-FAILED TO INTERRUPT ON IND PG4		1310.00 80	021506.00
	BD,SERS	-IN I MILLISEC.		1304.04 00	021506.40
	BD,16093			21734.04 00	021507.00
	SIC,SEN	-FAILED TO INTERRUPT ON IND PG5		1310.00 80	021507.40
	BD,SERS	-IN I MILLISEC.		1304.04 00	021510.00
	BD,16093			21734.04 00	021510.40
	SIC,SEN	-FAILED TO INTERRUPT ON IND PG6		1310.00 80	021511.00
	BD,SERS	-IN I MILLISEC.		1304.04 00	021511.40
	BD,16093			21734.04 00	021512.00
16090	BD,160B14%\$X6□	-HI,BEFORE,INTRPTS ENTER HERE.		21514.04 06	021512.40
	BD,16093	-OK, AT INTRPTS ENTER HERE.		21734.04 00	021513.00
	BD,160B15%\$X6□	-LO,AFTER,INTRPTS ENTER HERE.		21624.04 06	021513.40
160B14	SIC,SEN	-INTERRUPT TAKEN ON IND MK		1310.00 80	021514.00
	BD,SERS	-RECVD HIGHER PRIORITY.		1304.04 00	021514.40
	BD,16093			21734.04 00	021515.00
	SIC,SEN	-INTERRUPT TAKEN ON IND IK		1310.00 80	021515.40
	BD,SERS	-RECVD HIGHER PRIORITY.		1304.04 00	021516.00
	BD,16093			21734.04 00	021516.40
	SIC,SEN	-INTERRUPT TAKEN ON IND IJ		1310.00 80	021517.00
	BD,SERS	-RECVD HIGHER PRIORITY.		1304.04 00	021517.40
	BD,16093			21734.04 00	021520.00
	SIC,SEN	-INTERRUPT TAKEN ON IND EK		1310.00 80	021520.40
	BD,SERS	-RECVD HIGHER PRIORITY.		1304.04 00	021521.00
	BD,16093			21734.04 00	021521.40
	SIC,SEN	-INTERRUPT TAKEN ON IND TS		1310.00 80	021522.00
	BD,SERS	-RECVD HIGHER PRIORITY.		1304.04 00	021522.40
	BD,16093			21734.04 00	021523.00
	SIC,SEN	-INTERRUPT TAKEN ON IND CPUS		1310.00 80	021523.40
	BD,SERS	-RECVD HIGHER PRIORITY.		1304.04 00	021524.00
	BD,16093			21734.04 00	021524.40
1	SIC,SEN	-INTERRUPT TAKEN ON IND EKJ		1310.00 80	021525.00
	BD,SERS	-RECVD HIGHER PRIORITY.		1304.04 00	021525.40
	BD,16093			21734.04 00	021526.00
9	SIC,SEN	-INTERRUPT TAKEN ON IND UNRJ		1310.00 80	021526.40
	BD,SERS	-RECVD HIGHER PRIORITY.		1304.04 00	021527.00
	BD,16093			21734.04 00	021527.40
7	SIC,SEN	-INTERRUPT TAKEN ON IND CBJ		1310.00 80	021530.00
	BD,SERS	-RECVD HIGHER PRIORITY.		1304.04 00	021530.40
	BD,16093			21734.04 00	021531.00
5	SIC,SEN	-INTERRUPT TAKEN ON IND EPGK		1310.00 80	021531.40
	BD,SERS	-RECVD HIGHER PRIORITY.		1304.04 00	021532.00
	BD,16093			21734.04 00	021532.40
3	SIC,SEN	-INTERRUPT TAKEN ON IND UK		1310.00 80	021533.00
	BD,SERS	-RECVD HIGHER PRIORITY.		1304.04 00	021533.40
	BD,16093			21734.04 00	021534.00
	SIC,SEN	-INTERRUPT TAKEN ON IND EE		1310.00 80	021534.40

	BD,SERS BD,16093	-RECVD HIGHER PRIORITY.	1304.04 00 21734.04 00	021535.00 021535.40
	SIC,SEN BD,SERS BD,16093	-INTERRUPT TAKEN ON IND EOP -RECVD HIGHER PRIORITY.	1310.00 80 1304.04 00 21734.04 00	021536.00 021536.40 021537.00
	SIC,SEN BD,SERS BD,16093	-INTERRUPT TAKEN ON IND CS -RECVD HIGHER PRIORITY.	1310.00 80 1304.04 00 21734.04 00	021537.40 021540.00 021540.40
	SIC,SEN BD,SERS BD,16093	-INTERRUPT TAKEN ON IND RESRVD -RECVD HIGHER PRIORITY.	1310.00 80 1304.04 00 21734.04 00	021541.00 021541.40 021542.00
	SIC,SEN BD,SERS BD,16093	-INTERRUPT TAKEN ON IND OP -RECVD HIGHER PRIORITY.	1310.00 80 1304.04 00 21734.04 00	021542.40 021543.00 021543.40
	SIC,SEN BD,SERS BD,16093	-INTERRUPT TAKEN ON IND AD -RECVD HIGHER PRIORITY.	1310.00 80 1304.04 00 21734.04 00	021544.00 021544.40 021545.00
	SIC,SEN BD,SERS BD,16093	-INTERRUPT TAKEN ON IND USA -RECVD HIGHER PRIORITY.	1310.00 80 1304.04 00 21734.04 00	021545.40 021546.00 021546.40
	SIC,SEN BD,SERS BD,16093	-INTERRUPT TAKEN ON IND EXE -RECVD HIGHER PRIORITY.	1310.00 80 1304.04 00 21734.04 00	021547.00 021547.40 021550.00
	SIC,SEN BD,SERS BD,16093	-INTERRUPT TAKEN ON IND DS -RECVD HIGHER PRIORITY.	1310.00 80 1304.04 00 21734.04 00	021550.40 021551.00 021551.40
	SIC,SEN BD,SERS BD,16093	-INTERRUPT TAKEN ON IND DF -RECVD HIGHER PRIORITY.	1310.00 80 1304.04 00 21734.04 00	021552.00 021552.40 021553.00
	SIC,SEN BD,SERS BD,16093	-INTERRUPT TAKEN ON IND IF -RECVD HIGHER PRIORITY.	1310.00 80 1304.04 00 21734.04 00	021553.40 021554.00 021554.40
12	SIC,SEN BD,SERS BD,16093	-INTERRUPT TAKEN ON IND LC -RECVD HIGHER PRIORITY.	1310.00 80 1304.04 00 21734.04 00	021555.00 021555.40 021556.00
11	SIC,SEN BD,SERS BD,16093	-INTERRUPT TAKEN ON IND PF -RECVD HIGHER PRIORITY.	1310.00 80 1304.04 00 21734.04 00	021556.40 021557.00 021557.40
10	SIC,SEN BD,SERS BD,16093	-INTERRUPT TAKEN ON IND ZD -RECVD HIGHER PRIORITY.	1310.00 80 1304.04 00 21734.04 00	021560.00 021560.40 021561.00
9	SIC,SEN BD,SERS BD,16093	-INTERRUPT TAKEN ON IND IR -RECVD HIGHER PRIORITY.	1310.00 80 1304.04 00 21734.04 00	021561.40 021562.00 021562.40
8	SIC,SEN BD,SERS BD,16093	-INTERRUPT TAKEN ON IND LS -RECVD HIGHER PRIORITY.	1310.00 80 1304.04 00 21734.04 00	021563.00 021563.40 021564.00
7	SIC,SEN BD,SERS BD,16093	-INTERRUPT TAKEN ON IND PSH -RECVD HIGHER PRIORITY.	1310.00 80 1304.04 00	021564.40 021565.00

	SIC,SEN	-INTERRUPT TAKEN ON IND XPPF	1310.00 80	021566.00
	BD,SERS	-RECVD HIGHER PRIORITY.	1304.04 00	021566.40
	BD,16093		21734.04 00	021567.00
	SIC,SEN	-INTERRUPT TAKEN ON IND XPO	1310.00 80	021567.40
	BD,SERS	-RECVD HIGHER PRIORITY.	1304.04 00	021570.00
	BD,16093		21734.04 00	021570.40
	SIC,SEN	-INTERRUPT TAKEN ON IND XPH	1310.00 80	021571.00
	BD,SERS	-RECVD HIGHER PRIORITY.	1304.04 00	021571.40
	BD,16093		21734.04 00	021572.00
	SIC,SEN	-INTERRUPT TAKEN ON IND XPL	1310.00 80	021572.40
	BD,SERS	-RECVD HIGHER PRIORITY.	1304.04 00	021573.00
	BD,16093		21734.04 00	021573.40
	SIC,SEN	-INTERRUPT TAKEN ON IND XPU	1310.00 80	021574.00
	BD,SERS	-RECVD HIGHER PRIORITY.	1304.04 00	021574.40
	BD,16093		21734.04 00	021575.00
	SIC,SEN	-INTERRUPT TAKEN ON IND ZM	1310.00 80	021575.40
	BD,SERS	-RECVD HIGHER PRIORITY.	1304.04 00	021576.00
	BD,16093		21734.04 00	021576.40
	SIC,SEN	-INTERRUPT TAKEN ON IND RU	1310.00 80	021577.00
	BD,SERS	-RECVD HIGHER PRIORITY.	1304.04 00	021577.40
	BD,16093		21734.04 00	021600.00
	SIC,SEN	-INTERRUPT TAKEN ON IND TF	1310.00 80	021600.40
	BD,SERS	-RECVD HIGHER PRIORITY.	1304.04 00	021601.00
	BD,16093		21734.04 00	021601.40
	SIC,SEN	-INTERRUPT TAKEN ON IND UF	1310.00 80	021602.00
	BD,SERS	-RECVD HIGHER PRIORITY.	1304.04 00	021602.40
	BD,16093		21734.04 00	021603.00
	SIC,SEN	-INTERRUPT TAKEN ON IND VF	1310.00 80	021603.40
	BD,SERS	-RECVD HIGHER PRIORITY.	1304.04 00	021604.00
	BD,16093		21734.04 00	021604.40
12	SIC,SEN	-INTERRUPT TAKEN ON IND XF	1310.00 80	021605.00
11	BD,SERS	-RECVD HIGHER PRIORITY.	1304.04 00	021605.40
	BD,16093		21734.04 00	021606.00
10	SIC,SEN	-INTERRUPT TAKEN ON IND BTR	1310.00 80	021606.40
9	BD,SERS	-RECVD HIGHER PRIORITY.	1304.04 00	021607.00
	BD,16093		21734.04 00	021607.40
8	SIC,SEN	-INTERRUPT TAKEN ON IND DTR	1310.00 80	021610.00
7	BD,SERS	-RECVD HIGHER PRIORITY.	1304.04 00	021610.40
	BD,16093		21734.04 00	021611.00
6	SIC,SEN	-INTERRUPT TAKEN ON IND PGO	1310.00 80	021611.40
5	BD,SERS	-RECVD HIGHER PRIORITY.	1304.04 00	021612.00
	BD,16093		21734.04 00	021612.40
4	SIC,SEN	-INTERRUPT TAKEN ON IND PGI	1310.00 80	021613.00
3	BD,SERS	-RECVD HIGHER PRIORITY.	1304.04 00	021613.40
	BD,16093		21734.04 00	021614.00
2	SIC,SEN	-INTERRUPT TAKEN ON IND PG2	1310.00 80	021614.40
	BD,SERS	-RECVD HIGHER PRIORITY.	1304.04 00	021615.00

	SIC,SEN	-INTERRUPT TAKEN ON IND PG3	1310.00	80	021616.00
	BD,SERS	-RECVD HIGHER PRIORITY.	1304.04	00	021616.40
	BD,16093		21734.04	00	021617.00
	SIC,SEN	-INTERRUPT TAKEN ON IND PG4	1310.00	80	021617.40
	BD,SERS	-RECVD HIGHER PRIORITY.	1304.04	00	021620.00
	BD,16093		21734.04	00	021620.40
	SIC,SEN	-INTERRUPT TAKEN ON IND PG5	1310.00	80	021621.00
	BD,SERS	-RECVD HIGHER PRIORITY.	1304.04	00	021621.40
	BD,16093		21734.04	00	021622.00
	SIC,SEN	-INTERRUPT TAKEN ON IND PG6	1310.00	80	021622.40
	BD,SERS	-RECVD HIGHER PRIORITY.	1304.04	00	021623.00
	BD,16093		21734.04	00	021623.40
160B15	SIC,SEN	-INTERRUPT TAKEN ON IND MK	1310.00	80	021624.00
	BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021624.40
	BD,16093		21734.04	00	021625.00
	SIC,SEN	-INTERRUPT TAKEN ON IND TK	1310.00	80	021625.40
	BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021626.00
	BD,16093		21734.04	00	021626.40
	SIC,SEN	-INTERRUPT TAKEN ON IND TJ	1310.00	80	021627.00
	BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021627.40
	BD,16093		21734.04	00	021630.00
	SIC,SEN	-INTERRUPT TAKEN ON IND EK	1310.00	80	021630.40
	BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021631.00
	BD,16093		21734.04	00	021631.40
	SIC,SEN	-INTERRUPT TAKEN ON IND TL	1310.00	80	021632.00
	BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021632.40
	BD,16093		21734.04	00	021633.00
	SIC,SEN	-INTERRUPT TAKEN ON IND CPUS	1310.00	80	021633.40
	BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021634.00
	BD,16093		21734.04	00	021634.40
12	SIC,SEN	-INTERRUPT TAKEN ON IND EKJ	1310.00	80	021635.00
	BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021635.40
11	BD,16093		21734.04	00	021636.00
10	SIC,SEN	-INTERRUPT TAKEN ON IND UNRJ	1310.00	80	021636.40
	BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021637.00
9	BD,16093		21734.04	00	021637.40
8	SIC,SEN	-INTERRUPT TAKEN ON IND CBJ	1310.00	80	021640.00
	BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021640.40
7	BD,16093		21734.04	00	021641.00
6	SIC,SEN	-INTERRUPT TAKEN ON IND EPGK	1310.00	80	021641.40
	BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021642.00
5	BD,16093		21734.04	00	021642.40
4	SIC,SEN	-INTERRUPT TAKEN ON IND UK	1310.00	80	021643.00
	BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021643.40
3	BD,16093		21734.04	00	021644.00
2	SIC,SEN	-INTERRUPT TAKEN ON IND EE	1310.00	80	021644.40
	BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021645.00

SIC,SEN	-INTERRUPT TAKEN ON IND EOP	1310.00 80	021646.00
BD,SERS	-RECVD LOWER PRIORITY.	1304.04 00	021646.40
BD,16093		21734.04 00	021647.00
SIC,SEN	-INTERRUPT TAKEN ON IND CS	1310.00 80	021647.40
BD,SERS	-RECVD LOWER PRIORITY.	1304.04 00	021650.00
BD,16093		21734.04 00	021650.40
SIC,SEN	-INTERRUPT TAKEN ON IND RESRVD	1310.00 80	021651.00
BD,SERS	-RECVD LOWER PRIORITY.	1304.04 00	021651.40
BD,16093		21734.04 00	021652.00
SIC,SEN	-INTERRUPT TAKEN ON IND OP	1310.00 80	021652.40
BD,SERS	-RECVD LOWER PRIORITY.	1304.04 00	021653.00
BD,16093		21734.04 00	021653.40
SIC,SEN	-INTERRUPT TAKEN ON IND AD	1310.00 80	021654.00
BD,SERS	-RECVD LOWER PRIORITY.	1304.04 00	021654.40
BD,16093		21734.04 00	021655.00
SIC,SEN	-INTERRUPT TAKEN ON IND USA	1310.00 80	021655.40
BD,SERS	-RECVD LOWER PRIORITY.	1304.04 00	021656.00
BD,16093		21734.04 00	021656.40
SIC,SEN	-INTERRUPT TAKEN ON IND EXE	1310.00 80	021657.00
BD,SERS	-RECVD LOWER PRIORITY.	1304.04 00	021657.40
BD,16093		21734.04 00	021660.00
SIC,SEN	-INTERRUPT TAKEN ON IND DS	1310.00 80	021660.40
BD,SERS	-RECVD LOWER PRIORITY.	1304.04 00	021661.00
BD,16093		21734.04 00	021661.40
SIC,SEN	-INTERRUPT TAKEN ON IND DF	1310.00 80	021662.00
BD,SERS	-RECVD LOWER PRIORITY.	1304.04 00	021662.40
BD,16093		21734.04 00	021663.00
SIC,SEN	-INTERRUPT TAKEN ON IND IF	1310.00 80	021663.40
BD,SERS	-RECVD LOWER PRIORITY.	1304.04 00	021664.00
BD,16093		21734.04 00	021664.40
SIC,SEN	-INTERRUPT TAKEN ON IND LC	1310.00 80	021665.00
BD,SERS	-RECVD LOWER PRIORITY.	1304.04 00	021665.40
BD,16093		21734.04 00	021666.00
SIC,SEN	-INTERRUPT TAKEN ON IND PF	1310.00 80	021666.40
BD,SERS	-RECVD LOWER PRIORITY.	1304.04 00	021667.00
BD,16093		21734.04 00	021667.40
SIC,SEN	-INTERRUPT TAKEN ON IND ZD	1310.00 80	021670.00
BD,SERS	-RECVD LOWER PRIORITY.	1304.04 00	021670.40
BD,16093		21734.04 00	021671.00
SIC,SEN	-INTERRUPT TAKEN ON IND IR	1310.00 80	021671.40
BD,SERS	-RECVD LOWER PRIORITY.	1304.04 00	021672.00
BD,16093		21734.04 00	021672.40

SIC,SEN	-INTERRUPT TAKEN ON IND LS	1310.00	80	021673.00
BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021673.40
BD,16093		21734.04	00	021674.00
SIC,SEN	-INTERRUPT TAKEN ON IND PSH	1310.00	80	021674.40
BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021675.00
BD,16093		21734.04	00	021675.40
SIC,SEN	-INTERRUPT TAKEN ON IND XFPF	1310.00	80	021676.00
BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021676.40
BD,16093		21734.04	00	021677.00
SIC,SEN	-INTERRUPT TAKEN ON IND XPO	1310.00	80	021677.40
BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021700.00
BD,16093		21734.04	00	021700.40
SIC,SEN	-INTERRUPT TAKEN ON IND XPH	1310.00	80	021701.00
BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021701.40
BD,16093		21734.04	00	021702.00
SIC,SEN	-INTERRUPT TAKEN ON IND XPL	1310.00	80	021702.40
BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021703.00
BD,16093		21734.04	00	021703.40
SIC,SEN	-INTERRUPT TAKEN ON IND XPU	1310.00	80	021704.00
BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021704.40
BD,16093		21734.04	00	021705.00
SIC,SEN	-INTERRUPT TAKEN ON IND ZM	1310.00	80	021705.40
BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021706.00
BD,16093		21734.04	00	021706.40
SIC,SEN	-INTERRUPT TAKEN ON IND RU	1310.00	80	021707.00
BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021707.40
BD,16093		21734.04	00	021710.00
SIC,SEN	-INTERRUPT TAKEN ON IND TF	1310.00	80	021710.40
BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021711.00
BD,16093		21734.04	00	021711.40

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	SIC,SEN	-INTERRUPT TAKEN ON IND UF	1310.00	80	021712.00
	BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021712.40
	BD,16093		21734.04	00	021713.00
	SIC,SEN	-INTERRUPT TAKEN ON IND VF	1310.00	80	021713.40
	BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021714.00
	BD,16093		21734.04	00	021714.40
	SIC,SEN	-INTERRUPT TAKEN ON IND XF	1310.00	80	021715.00
	BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021715.40
	BD,16093		21734.04	00	021716.00
	SIC,SEN	-INTERRUPT TAKEN ON IND BTR	1310.00	80	021716.40
	BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021717.00
	BD,16093		21734.04	00	021717.40
	SIC,SEN	-INTERRUPT TAKEN ON IND DTR	1310.00	80	021720.00
	BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021720.40
	BD,16093		21734.04	00	021721.00
	SIC,SEN	-INTERRUPT TAKEN ON IND PGO	1310.00	80	021721.40
	BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021722.00
	BD,16093		21734.04	00	021722.40
	SIC,SEN	-INTERRUPT TAKEN ON IND PGI	1310.00	80	021723.00
	BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021723.40
	BD,16093		21734.04	00	021724.00
	SIC,SEN	-INTERRUPT TAKEN ON IND PG2	1310.00	80	021724.40
	BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021725.00
	BD,16093		21734.04	00	021725.40
	SIC,SEN	-INTERRUPT TAKEN ON IND PG3	1310.00	80	021726.00
	BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021726.40
	BD,16093		21734.04	00	021727.00
	SIC,SEN	-INTERRUPT TAKEN ON IND PG4	1310.00	80	021727.40
	BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021730.00
	BD,16093		21734.04	00	021730.40
12	SIC,SEN	-INTERRUPT TAKEN ON IND PG5	1310.00	80	021731.00
11	BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021731.40
	BD,16093		21734.04	00	021732.00
10	SIC,SEN	-INTERRUPT TAKEN ON IND PG6	1310.00	80	021732.40
9	BD,SERS	-RECVD LOWER PRIORITY.	1304.04	00	021733.00
	BD,16093		21734.04	00	021733.40
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16093	BXFZ,16093C KVI,\$X1,38.0	-CHECK XF IND ON	21736.23 46 46.03 04	021734.00 021734.40
	BZXEZ,16093D BD,16095		21737.32 C4 22054.04 00	021735.00 021735.40
16093C	KVI,\$X1,38.0 BXEZ,16093B		46.03 04 21743.72 C6	021736.00 021736.40
16093D	LVI,\$X2,INT SVA,\$X2,\$1A LVI,\$X2,16093B SVA,\$X2,16093A LVI,\$X2,16095 SVA,\$X2,16093A+.32 CNOP	-RESTORE AND CHK BIT ON	1353.05 01 2.05 D0 21743.45 01 21742.05 D0 22054.05 01 21742.45 D0	021737.00 021737.40 021740.00 021740.40 021741.00 021741.40
16093A	XW,0,0,0 BD,16095	-BIND	0.00 00 000000.00 00 22054.04 00	021742.00 021743.00
16093B	BD,16094%\$X6		21744.04 06	021743.40
16094	SIC,SEN BD,SERS BD,16095	-AFTR INTRPT, OR IND NOT ON, IND MK -FOUND ON.	1310.00 80 1304.04 00 22054.04 00	021744.00 021744.40 021745.00
	SIC,SEN BD,SERS BD,16095	-AFTR INTRPT, OR IND NOT ON, IND IK -FOUND ON.	1310.00 80 1304.04 00 22054.04 00	021745.40 021746.00 021746.40
	SIC,SEN BD,SERS BD,16095	-AFTR INTRPT, OR IND NOT ON, IND IJ -FOUND ON.	1310.00 80 1304.04 00 22054.04 00	021747.00 021747.40 021750.00
	SIC,SEN BD,SERS BD,16095	-AFTR INTRPT, OR IND NOT ON, IND EK -FOUND ON.	1310.00 80 1304.04 00 22054.04 00	021750.40 021751.00 021751.40
	SIC,SEN BD,SERS BD,16095	-AFTR INTRPT, OR IND NOT ON, IND TS -FOUND ON.	1310.00 80 1304.04 00 22054.04 00	021752.00 021752.40 021753.00
	SIC,SEN BD,SERS BD,16095	-AFTR INTRPT, OR IND NOT ON, IND CPUS -FOUND ON.	1310.00 80 1304.04 00 22054.04 00	021753.40 021754.00 021754.40
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11	SIC,SEN BD,SERS BD,16095	-AFTR INTRPT, OR IND NOT ON, IND EKJ -FOUND ON.	1310.00 80 1304.04 00 22054.04 00	021755.00 021755.40 021756.00
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9	SIC,SEN BD,SERS BD,16095	-AFTR INTRPT, OR IND NOT ON, IND UNRJ -FOUND ON.	1310.00 80 1304.04 00 22054.04 00	021756.40 021757.00 021757.40
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7	SIC,SEN BD,SERS BD,16095	-AFTR INTRPT, OR IND NOT ON, IND CBJ -FOUND ON.	1310.00 80 1304.04 00 22054.04 00	021760.00 021760.40 021761.00
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5	SIC,SEN BD,SERS BD,16095	-AFTR INTRPT, OR IND NOT ON, IND EPGK -FOUND ON.	1310.00 80 1304.04 00 22054.04 00	021761.40 021762.00 021762.40
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3	SIC,SEN BD,SERS BD,16095	-AFTR INTRPT, OR IND NOT ON, IND UK -FOUND ON.	1310.00 80 1304.04 00 22054.04 00	021763.00 021763.40 021764.00
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SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND EE	1310.00 80	021764.40
BD,SERS	-FOUND ON.	1304.04 00	021765.00
BD,I6095		22054.04 00	021765.40
SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND EOP	1310.00 80	021766.00
BD,SERS	-FOUND ON.	1304.04 00	021766.40
BD,I6095		22054.04 00	021767.00
SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND CS	1310.00 80	021767.40
BD,SERS	-FOUND ON.	1304.04 00	021770.00
BD,I6095		22054.04 00	021770.40
SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND RESRVD	1310.00 80	021771.00
BD,SERS	-FOUND ON.	1304.04 00	021771.40
BD,I6095		22054.04 00	021772.00
SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND OP	1310.00 80	021772.40
BD,SERS	-FOUND ON.	1304.04 00	021773.00
BD,I6095		22054.04 00	021773.40

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	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND AD	1310.00	80	021774.00
	BD,SERS	-FOUND ON.	1304.04	00	021774.40
	BD,16095		22054.04	00	021775.00
	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND USA	1310.00	80	021775.40
	BD,SERS	-FOUND ON.	1304.04	00	021776.00
	BD,16095		22054.04	00	021776.40
	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND EXE	1310.00	80	021777.00
	BD,SERS	-FOUND ON.	1304.04	00	021777.40
	BD,16095		22054.04	00	022000.00
	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND DS	1310.00	80	022000.40
	BD,SERS	-FOUND ON.	1304.04	00	022001.00
	BD,16095		22054.04	00	022001.40
	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND DF	1310.00	80	022002.00
	BD,SERS	-FOUND ON.	1304.04	00	022002.40
	BD,16095		22054.04	00	022003.00
	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND IF	1310.00	80	022003.40
	BD,SERS	-FOUND ON.	1304.04	00	022004.00
	BD,16095		22054.04	00	022004.40
	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND LC	1310.00	80	022005.00
	BD,SERS	-FOUND ON.	1304.04	00	022005.40
	BD,16095		22054.04	00	022006.00
	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND PF	1310.00	80	022006.40
	BD,SERS	-FOUND ON.	1304.04	00	022007.00
	BD,16095		22054.04	00	022007.40
	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND ZD	1310.00	80	022010.00
	BD,SERS	-FOUND ON.	1304.04	00	022010.40
	BD,16095		22054.04	00	022011.00
	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND IR	1310.00	80	022011.40
	BD,SERS	-FOUND ON.	1304.04	00	022012.00
	BD,16095		22054.04	00	022012.40
12	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND LS	1310.00	80	022013.00
	BD,SERS	-FOUND ON.	1304.04	00	022013.40
11	BD,16095		22054.04	00	022014.00
10	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND PSH	1310.00	80	022014.40
	BD,SERS	-FOUND ON.	1304.04	00	022015.00
9	BD,16095		22054.04	00	022015.40
8	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND XPFP	1310.00	80	022016.00
	BD,SERS	-FOUND ON.	1304.04	00	022016.40
7	BD,16095		22054.04	00	022017.00
6	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND XPO	1310.00	80	022017.40
	BD,SERS	-FOUND ON.	1304.04	00	022020.00
5	BD,16095		22054.04	00	022020.40
4	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND XPH	1310.00	80	022021.00
	BD,SERS	-FOUND ON.	1304.04	00	022021.40
3	BD,16095		22054.04	00	022022.00
2	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND XPL	1310.00	80	022022.40
	BD,SERS	-FOUND ON.	1304.04	00	022023.00

BD,16095

22054.04 00

022023.40

SIC,SEN
BD,SERS
BD,16095

-AFTR INTRPT, OR IND NOT ON, IND XPU
-FOUND ON.

1310.00 80
1304.04 00
22054.04 00

022024.00
022024.40
022025.00

SIC,SEN
BD,SERS
BD,16095

-AFTR INTRPT, OR IND NOT ON, IND ZM
-FOUND ON.

1310.00 80
1304.04 00
22054.04 00

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022026.00
022026.40

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	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND RU	1310.00	80		022027.00
	BD,SERS	-FOUND ON.	1304.04	00		022027.40
	BD,16095		22054.04	00		022030.00
	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND TF	1310.00	80		022030.40
	BD,SERS	-FOUND ON.	1304.04	00		022031.00
	BD,16095		22054.04	00		022031.40
	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND UF	1310.00	80		022032.00
	BD,SERS	-FOUND ON.	1304.04	00		022032.40
	BD,16095		22054.04	00		022033.00
	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND VF	1310.00	80		022033.40
	BD,SERS	-FOUND ON.	1304.04	00		022034.00
	BD,16095		22054.04	00		022034.40
	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND XF	1310.00	80		022035.00
	BD,SERS	-FOUND ON.	1304.04	00		022035.40
	BD,16095		22054.04	00		022036.00
	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND BTR	1310.00	80		022036.40
	BD,SERS	-FOUND ON.	1304.04	00		022037.00
	BD,16095		22054.04	00		022037.40
	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND DTR	1310.00	80		022040.00
	BD,SERS	-FOUND ON.	1304.04	00		022040.40
	BD,16095		22054.04	00		022041.00
	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND PG0	1310.00	80		022041.40
	BD,SERS	-FOUND ON.	1304.04	00		022042.00
	BD,16095		22054.04	00		022042.40
	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND PG1	1310.00	80		022043.00
	BD,SERS	-FOUND ON.	1304.04	00		022043.40
	BD,16095		22054.04	00		022044.00
	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND PG2	1310.00	80		022044.40
	BD,SERS	-FOUND ON.	1304.04	00		022045.00
	BD,16095		22054.04	00		022045.40
12	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND PG3	1310.00	80		022046.00
	BD,SERS	-FOUND ON.	1304.04	00		022046.40
11	BD,16095		22054.04	00		022047.00
10	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND PG4	1310.00	80		022047.40
	BD,SERS	-FOUND ON.	1304.04	00		022050.00
9	BD,16095		22054.04	00		022050.40
8	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND PG5	1310.00	80		022051.00
	BD,SERS	-FOUND ON.	1304.04	00		022051.40
7	BD,16095		22054.04	00		022052.00
6	SIC,SEN	-AFTR INTRPT, OR IND NOT ON, IND PG6	1310.00	80		022052.40
	BD,SERS	-FOUND ON.	1304.04	00		022053.00
5	BD,16095		22054.04	00		022053.40
4	16095	V+1,\$X6,1.32	1.55	05		022054.00
3		TBI,2,160INT+1.0%\$X1□,160INT+2.0%\$X1□	23101.00	81	023102.05 A1	022054.40
		CB+,\$X1,16063	15245.43	48		022055.40
2		B,\$+1.0	22057.10	00		022056.00
		BD,16061	15236.04	00		022056.40

SIC,SENO+.32
B,SSW
BD,\$+.32

-TO SSIP.

1311.40 80
1301.10 00
22060.44 00

022057.00
022057.40
022060.00

LX,\$X13,IC260
V+,\$X13,BIT6
SX,\$X13,IC260

-UPDATE CONTINUITY CHECK.

22737.32 10
24530.32 80
22737.33 10

022060.40
022061.00
022061.40

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16096	SIC, I60SX1 B, I60S1 TI, I, BIT38, \$MASK	-TEST 6 CHKS THAT FREE INSTRUCTION -IS IN FACT FREE, AND THAT I-BOX -INDS SET ONLY CORRECT INDS.	23041.00 80 22741.10 00 24570.00 80 000014.02 A0	022062.00 022062.40 022063.00
	LX, \$X1, I60XW1 LX, \$X2, I6082A-1.0 SX, \$X2, I60IT%\$X1 CB+, \$X1, \$-.32 SR, \$X1, \$IA LX, \$X1, I60K8 SX, \$X1, I60IT+39.0 Z, \$IND BE, \$+.32 LX, \$X1, BIT25	-2 NOPS	23065.02 10 17226.04 10 23201.05 11 22065.03 48 2.03 70 23051.02 10 23250.03 10 13.22 00 22070.40 00 24553.02 10	022064.00 022064.40 022065.00 022065.40 022066.00 022066.40 022067.00 022067.40 022070.00 022070.40
16097	NOP BD, I6098 SIC, SEN B, SERS	-FULL CONTROL GIVEN TO FREE INST.	0.30 00 22073.04 00 1310.00 80 1304.10 00	022071.00 022071.40 022072.00 022072.40
16098	Z, \$IND LX, \$X0, I60K9 TI, I, \$IND, \$X1 SR, \$X1, \$X1 NOP NOP KVI, \$X1, %8=140000.0 BXE, \$+1.32 SIC, SEN B, SERS	-XCZ AND XVLZ -XCZ AND XVLZ NOT SET CORRECTLY.	13.22 00 23052.00 10 13.00 80 000021.02 A0 21.03 70 0.30 00 0.30 00 140000.03 04 22100.72 C2 1310.00 80 1304.10 00	022073.00 022073.40 022074.00 022075.00 022075.40 022076.00 022076.40 022077.00 022077.40 022100.00
	Z, \$IND LX, \$X0, I00Z TI, I, \$IND, \$X1 SR, \$X1, \$X1 KVI, \$X1, %8=120000.0 SIC, SEN BZXE, SERS	-XCZ AND XVZ -XCZ AND XVZ NOT SET CORRECTLY.	13.22 00 24502.00 10 13.00 80 000021.02 A0 21.03 70 120000.03 04 1310.00 80 1304.32 C0	022100.40 022101.00 022101.40 022102.40 022103.00 022103.40 022104.00
	TI, I, I000, \$IND LX, \$X0, I60K10 TI, I, \$IND, \$X1 SR, \$X1, \$X1 KVI, \$X1, %8=617777.0 SIC, SEN BZXE, SERS	-CLR XCZ AND XVLZ, XVZ. -ABOVE 3 INDS NOT CLRD CORRECTLY.	24503.00 80 000013.02 A0 23053.00 10 13.00 80 000021.02 A0 21.03 70 617777.03 04 1310.00 80 1304.32 C0	022104.40 022105.40 022106.00 022107.00 022107.40 022110.00 022110.40
	Z, \$IND LX, \$X0, I60K11 TI, I, \$IND, \$X1 SR, \$X1, \$X1 NOP NOP KVI, \$X1, %8=40000.0 SIC, SEN BZXE, SERS	-XVLZ -XVLZ NOT SET CORRECTLY.	13.22 00 23054.00 10 13.00 80 000021.02 A0 21.03 70 0.30 00 0.30 00 40000.03 04 1310.00 80 1304.32 C0	022111.00 022111.40 022112.00 022113.00 022113.40 022114.00 022114.40 022115.00 022115.40
	Z, \$IND LX, \$X0, BIT30 TI, I, \$IND, \$X1 SR, \$X1, \$X1 NOP NOP	-XVZ 	13.22 00 24560.00 10 13.00 80 000021.02 A0 21.03 70 0.30 00 0.30 00	022116.00 022116.40 022117.00 022120.00 022120.40 022121.00

	KVI,\$X1,%8#20000.0		20000.03	04		022121.40
	SIC,SEN		1310.00	80		022122.00
	BZXE,SERS	-XVZ NOT SET CORRECTLY.	1304.32	C0		022122.40
	Z,\$IND	-XVGV	13.22	00		022123.00
	LX,\$X0,160K10		23053.00	10		022123.40
	TI,1,\$IND,\$X1		13.00	80	000021.02 A0	022124.00
	SR,\$X1,\$X1		21.03	70		022125.00
	NOP		0.30	00		022125.40
	NOP		0.30	00		022126.00
	KVI,\$X1,%8#10000.0		10000.03	04		022126.40
	SIC,SEN		1310.00	80		022127.00
	BZXE,SERS	-XVGZ NOT SET CORRECTLY.	1304.32	C0		022127.40
	TI,1,1000,\$IND	-CLR XVLZ AND XVZ.	24503.00	80	000013.02 A0	022130.00
	LX,\$X0,160K10		23053.00	10		022131.00
	TI,1,\$IND,\$X1		13.00	80	000021.02 A0	022131.40
	SR,\$X1,\$X1		21.03	70		022132.40
	NOP		0.30	00		022133.00
	NOP		0.30	00		022133.40
	KVI,\$X1,%8#617777.0		617777.03	04		022134.00
	SIC,SEN		1310.00	80		022134.40
	BZXE,SERS	-XVLZ AND XVD NOT CLRD OK.	1304.32	C0		022135.00
	TI,1,1000,\$IND	-CLR XVLZ AND XVGZ.	24503.00	80	000013.02 A0	022135.40
	LX,\$X0,BIT30		24560.00	10		022136.40
	TI,1,\$IND,\$X1		13.00	80	000021.02 A0	022137.00
	SR,\$X1,\$X1		21.03	70		022140.00
	NOP		0.30	00		022140.40
	NOP		0.30	00		022141.00
	KVI,\$X1,%8#627777.0		627777.03	04		022141.40
	SIC,SEN		1310.00	80		022142.00
	BZXE,SERS	-XVLZ AND XVGZ NOT CLRD OK.	1304.32	C0		022142.40
	TI,1,1000,\$IND	-CLR XVZ AND XVGZ	24503.00	80	000013.02 A0	022143.00
	LX,\$X0,160K11		23054.00	10		022144.00
	TI,1,\$IND,\$X1		13.00	80	000021.02 A0	022144.40
	SR,\$X1,\$X1		21.03	70		022145.40
	NOP		0.30	00		022146.00
	NOP		0.30	00		022146.40
	KVI,\$X1,%8#647777.0		647777.03	04		022147.00
	SIC,SEN		1310.00	80		022147.40
	BZXE,SERS	-XVZ AND XVGZ NOT CLRD OK.	1304.32	C0		022150.00
12	LX,\$X1,BIT17	-XL.	24543.02	10		022150.40
11	LX,\$X2,BIT16		24542.04	10		022151.00
	Z,\$IND		13.22	00		022151.40
10	KV,\$X1,BIT16		24542.02	90		022152.00
	TI,1,\$IND,\$X3		13.00	80	000023.02 A0	022152.40
9	SR,\$X3,\$X3		23.07	70		022153.40
	NOP		0.30	00		022154.00
8	NOP		0.30	00		022154.40
	KVI,\$X3,%8#4000.0		4000.07	04		022155.00
7	SIC,SEN		1310.00	80		022155.40
	BZXE,SERS	-XL NOT SET OK.	1304.32	C0		022156.00
6	Z,\$IND	-XE	13.22	00		022156.40
5	KV,\$X1,BIT17		24543.02	90		022157.00
	TI,1,\$IND,\$X3		13.00	80	000023.02 A0	022157.40
4	SR,\$X3,\$X3		23.07	70		022160.40
	NOP		0.30	00		022161.00
3	NOP		0.30	00		022161.40
	KVI,\$X3,%8#2000.0		2000.07	04		022162.00
2	SIC,SEN		1310.00	80		022162.40
	BZXE,SERS	-XE NOT SET OK.	1304.32	C0		022163.00

Z,\$IND	-XH	13.22 00	022163.40
KV,\$X2,BIT17		24543.04 90	022164.00
TI,1,\$IND,\$X3		13.00 80 000023.02 A0	022164.40
SR,\$X3,\$X3		23.07 70	022165.40
NOP		0.30 00	022166.00
NOP		0.30 00	022166.40
KVI,\$X3,%8□1000.0		1000.07 04	022167.00
SIC,SEN		1310.00 80	022167.40
BZXE,SERS	-XH NOT SET OK.	1304.32 C0	022170.00

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TI,I,1000,\$IND	-CLR XL AND XE.	24503.00	80	000013.02	A0	022170.40
KV,\$X2,BIT17		24543.04	90			022171.40
TI,I,\$IND,\$X3		13.00	80	000023.02	A0	022172.00
SR,\$X3,\$X3		23.07	70			022173.00
NOP		0.30	00			022173.40
NOP		0.30	00			022174.00
KVI,\$X3,%8#771777.0		771777.07	04			022174.40
SIC,SEN		1310.00	80			022175.00
BZXE,SERS	-XL AND XE NOT CLRD OK.	1304.32	C0			022175.40
TI,I,1000,\$IND	-CLR XL AND XH.	24503.00	80	000013.02	A0	022176.00
KV,\$X1,BIT17		24543.02	90			022177.00
TI,I,\$IND,\$X3		13.00	80	000023.02	A0	022177.40
SR,\$X3,\$X3		23.07	70			022200.40
NOP		0.30	00			022201.00
NOP		0.30	00			022201.40
KVI,\$X3,%8#772777.0		772777.07	04			022202.00
SIC,SEN		1310.00	80			022202.40
BZXE,SERS	-XL AND XH NOT CLRD OK	1304.32	C0			022203.00
TI,I,1000,\$IND	-CLR XE AND XH.	24503.00	80	000013.02	A0	022203.40
KV,\$X1,BIT16		24542.02	90			022204.40
TI,I,\$IND,\$X3		13.00	80	000023.02	A0	022205.00
SR,\$X3,\$X3		23.07	70			022206.00
NOP		0.30	00			022206.40
NOP		0.30	00			022207.00
KVI,\$X3,%8#774777.0		774777.07	04			022207.40
SIC,SEN		1310.00	80			022210.00
BZXE,SERS	-XE + XH NOT CLRD OK.	1304.32	C0			022210.40
B,\$+1.0		22212.10	00			022211.00
BD,16096		22062.04	00			022211.40
SIC,SEN0+.32		1311.40	80			022212.00
B,SSW	-TO SSIP.	1301.10	00			022212.40
BD,\$+.32		22213.44	00			022213.00
LX,\$X13,IC260	-UPDATE CONTINUITY CHECK.	22737.32	10			022213.40
V+,\$X13,BIT7		24531.32	B0			022214.00
SX,\$X13,IC260		22737.33	10			022214.40

16099	LVI,\$X1,0.0	-TEST 7 CHKS BOUNDARY CONTROL.	0.03 01	022215.00
	LCI,\$X1,18	-CHK UPPER BOUNDARY DATA.	22.03 02	022215.40
	LVI,\$X3,0.0		0.07 01	022216.00
160100	Z,\$MASK		14.22 00	022216.40
	LV,\$X2,BIT0%\$X1		24522.04 31	022217.00
	SV,\$X2,\$UB		3.05 30	022217.40
	NOP		0.30 00	022220.00
	NOP		0.30 00	022220.40
	NOP		0.30 00	022221.00
	NOP		0.30 00	022221.40
	LV,\$X2,\$UB		3.04 30	022222.00
	KV,\$X2,BIT0%\$X1		24522.04 91	022222.40
	BXE,\$+1.0		22224.32 C2	022223.00
	B,160B17%\$X3	-DATA ERROR.	22231.50 03	022223.40
160101	V+,\$X3,1.32		1.47 05	022224.00
	CB+,\$X1,160100		22216.43 48	022224.40
	B,\$+1.0		22226.10 00	022225.00
	BD,16099		22215.04 00	022225.40
	SIC,SEN0+.32		1311.40 80	022226.00
	B,\$SW	-TO SSIP	1301.10 00	022226.40
	BD,\$+.32		22227.44 00	022227.00
	LX,\$X13,IC260	-UPDATE CONTINUITY CHECK.	22737.32 10	022227.40
	V+,\$X13,BIT8		24532.32 B0	022230.00
	SX,\$X13,IC260		22737.33 10	022230.40
	BD,160102		22264.44 00	022231.00
160B17	SIC,SEN	-UPPER BOUNDARY DATA FAILURE, BIT 0.	1310.00 80	022231.40
	B,SERS		1304.10 00	022232.00
	BD,160101		22224.04 00	022232.40
	SIC,SEN	-UPPER BOUNDARY DATA FAILURE, BIT 1.	1310.00 80	022233.00
	B,SERS		1304.10 00	022233.40
	BD,160101		22224.04 00	022234.00
	SIC,SEN	-UPPER BOUNDARY DATA FAILURE, BIT 2.	1310.00 80	022234.40
	B,SERS		1304.10 00	022235.00
	BD,160101		22224.04 00	022235.40
12	SIC,SEN	-UPPER BOUNDARY DATA FAILURE, BIT 3.	1310.00 80	022236.00
	B,SERS		1304.10 00	022236.40
11	BD,160101		22224.04 00	022237.00
10	SIC,SEN	-UPPER BOUNDARY DATA FAILURE, BIT 4.	1310.00 80	022237.40
	B,SERS		1304.10 00	022240.00
9	BD,160101		22224.04 00	022240.40
8	SIC,SEN	-UPPER BOUNDARY DATA FAILURE, BIT 5.	1310.00 80	022241.00
	B,SERS		1304.10 00	022241.40
7	BD,160101		22224.04 00	022242.00
6	SIC,SEN	-UPPER BOUNDARY DATA FAILURE, BIT 6.	1310.00 80	022242.40
	B,SERS		1304.10 00	022243.00
5	BD,160101		22224.04 00	022243.40
4	SIC,SEN	-UPPER BOUNDARY DATA FAILURE, BIT 7.	1310.00 80	022244.00
	B,SERS		1304.10 00	022244.40
3	BD,160101		22224.04 00	022245.00
2	SIC,SEN	-UPPER BOUNDARY DATA FAILURE, BIT 8.	1310.00 80	022245.40
	B,SERS		1304.10 00	022246.00

BD,160101

22224.04 00

022246.40

SFC,SEN

-UPPER BOUNDARY DATA FAILURE, BIT 9.

1310.00 80

022247.00

B,SERS

1304.10 00

022247.40

BD,160101

22224.04 00

022250.00

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SIC,SEN	-UPPER BOUNDARY DATA FAILURE, BIT10.	1310.00	80	022250.40
B,SERS		1304.10	00	022251.00
BD,160101		22224.04	00	022251.40
-				
SIC,SEN	-UPPER BOUNDARY DATA FAILURE, BIT11.	1310.00	80	022252.00
B,SERS		1304.10	00	022252.40
BD,160101		22224.04	00	022253.00
-				
SIC,SEN	-UPPER BOUNDARY DATA FAILURE, BIT12.	1310.00	80	022253.40
B,SERS		1304.10	00	022254.00
BD,160101		22224.04	00	022254.40
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SIC,SEN	-UPPER BOUNDARY DATA FAILURE, BIT13.	1310.00	80	022255.00
B,SERS		1304.10	00	022255.40
BD,160101		22224.04	00	022256.00
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SIC,SEN	-UPPER BOUNDARY DATA FAILURE, BIT14.	1310.00	80	022256.40
B,SERS		1304.10	00	022257.00
BD,160101		22224.04	00	022257.40
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SIC,SEN	-UPPER BOUNDARY DATA FAILURE, BIT15.	1310.00	80	022260.00
B,SERS		1304.10	00	022260.40
BD,160101		22224.04	00	022261.00
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SIC,SEN	-UPPER BOUNDARY DATA FAILURE, BIT16.	1310.00	80	022261.40
B,SERS		1304.10	00	022262.00
BD,160101		22224.04	00	022262.40
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SIC,SEN	-UPPER BOUNDARY DATA FAILURE, BIT17.	1310.00	80	022263.00
B,SERS		1304.10	00	022263.40
BD,160101		22224.04	00	022264.00

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160102	LVI,\$X1,0.0	-CHK LOWER BOUNDARY DATA.	0.03	01	022264.40
	LCI,\$X1,18		22.03	02	022265.00
	LVI,\$X2,0.0		0.05	01	022265.40
160103	Z,\$MASK		14.22	00	022266.00
	LV,\$X3,BIT0%\$X1		24522.06	31	022266.40
	SV,\$X3,\$LB		3.47	30	022267.00
	NOP		0.30	00	022267.40
	NOP		0.30	00	022270.00
	NOP		0.30	00	022270.40
	NOP		0.30	00	022271.00
	LV,\$X3,\$LB		3.46	30	022271.40
	KV,\$X3,BIT0%\$X1		24522.06	91	022272.00
	BXE,\$+1.0		22273.72	C2	022272.40
	B,160B18%\$X2	-DATA ERROR.	22313.50	02	022273.00
160104	V+1,\$X2,1.32		1.45	05	022273.40
	CB+,\$X1,160103		22266.03	48	022274.00
	LX,\$X1,BIT57	-CHK BOUNDARY CONTROL BIT.	24613.02	10	022274.40
	SX,\$X1,\$SUB		3.03	10	022275.00
	NOP		0.30	00	022275.40
	NOP		0.30	00	022276.00
	NOP		0.30	00	022276.40
	NOP		0.30	00	022277.00
	LX,\$X1,\$SUB		3.02	10	022277.40
	SR,\$X1,\$X1		21.03	70	022300.00
	KV,\$X1,BIT11		24535.02	90	022300.40
	SIC,SEN		1310.00	80	022301.00
	BZXE,SERS	-UNABLE TO SET BNDRY CNTRL TO 1.	1304.32	C0	022301.40
	Z,\$SUB		3.22	00	022302.00
	NOP		0.30	00	022302.40
	NOP		0.30	00	022303.00
	NOP		0.30	00	022303.40
	NOP		0.30	00	022304.00
	LX,\$X1,\$SUB		3.02	10	022304.40
	SR,\$X1,\$X1		21.03	70	022305.00
	KV,\$X1,100Z		24502.02	90	022305.40
	SIC,SEN		1310.00	80	022306.00
	BZXE,SERS	-UNABLE TO SET BNDRY CNTRL TO 0.	1304.32	C0	022306.40
	B,\$+1.0		22310.10	00	022307.00
	BD,160102		22264.44	00	022307.40
	SIC,SEN0+.32		1311.40	80	022310.00
	B,SSW	-TO SSIP.	1301.10	00	022310.40
	BD,\$+.32		22311.44	00	022311.00
	LX,\$X13,IC260	-UPDATE CONTINUITY CHECK.	22737.32	10	022311.40
	V+,\$X13,BIT9		24533.32	B0	022312.00
	SX,\$X13,IC260		22737.33	10	022312.40
	BD,160105		22346.44	00	022313.00

160B18	SIC,SEN B,SERS B,160104	-LOWER BOUNDARY DATA FAILURE BIT 32.	1310.00 80 1304.10 00 22273.50 00	022313.40 022314.00 022314.40
	SIC,SEN B,SERS B,160104	-LOWER BOUNDARY DATA FAILURE BIT 33.	1310.00 80 1304.10 00 22273.50 00	022315.00 022315.40 022316.00
	SIC,SEN B,SERS B,160104	-LOWER BOUNDARY DATA FAILURE BIT 34.	1310.00 80 1304.10 00 22273.50 00	022316.40 022317.00 022317.40
	SIC,SEN B,SERS B,160104	-LOWER BOUNDARY DATA FAILURE BIT 35.	1310.00 80 1304.10 00 22273.50 00	022320.00 022320.40 022321.00
	SIC,SEN B,SERS B,160104	-LOWER BOUNDARY DATA FAILURE BIT 36.	1310.00 80 1304.10 00 22273.50 00	022321.40 022322.00 022322.40
	SIC,SEN B,SERS B,160104	-LOWER BOUNDARY DATA FAILURE BIT 37.	1310.00 80 1304.10 00 22273.50 00	022323.00 022323.40 022324.00
	SIC,SEN B,SERS B,160104	-LOWER BOUNDARY DATA FAILURE BIT 38.	1310.00 80 1304.10 00 22273.50 00	022324.40 022325.00 022325.40
	SIC,SEN B,SERS B,160104	-LOWER BOUNDARY DATA FAILURE BIT 39.	1310.00 80 1304.10 00 22273.50 00	022326.00 022326.40 022327.00
	SIC,SEN B,SERS B,160104	-LOWER BOUNDARY DATA FAILURE BIT 40.	1310.00 80 1304.10 00 22273.50 00	022327.40 022330.00 022330.40

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SIC,SEN	-LOWER BOUNDARY DATA FAILURE BIT 41.	1310.00	80	022331.00
B,SERS		1304.10	00	022331.40
B,160104		22273.50	00	022332.00
SIC,SEN	-LOWER BOUNDARY DATA FAILURE BIT 42.	1310.00	80	022332.40
B,SERS		1304.10	00	022333.00
B,160104		22273.50	00	022333.40
SIC,SEN	-LOWER BOUNDARY DATA FAILURE BIT 43.	1310.00	80	022334.00
B,SERS		1304.10	00	022334.40
B,160104		22273.50	00	022335.00
SIC,SEN	-LOWER BOUNDARY DATA FAILURE, BIT 44.	1310.00	80	022335.40
B,SERS		1304.10	00	022336.00
B,160104		22273.50	00	022336.40
SIC,SEN	-LOWER BOUNDARY DATA FAILURE, BIT 45.	1310.00	80	022337.00
B,SERS		1304.10	00	022337.40
B,160104		22273.50	00	022340.00
SIC,SEN	-LOWER BOUNDARY DATA FAILURE, BIT 46.	1310.00	80	022340.40
B,SERS		1304.10	00	022341.00
B,160104		22273.50	00	022341.40
SIC,SEN	-LOWER BOUNDARY DATA FAILURE, BIT 47.	1310.00	80	022342.00
B,SERS		1304.10	00	022342.40
B,160104		22273.50	00	022343.00
SIC,SEN	-LOWER BOUNDARY DATA FAILURE, BIT 48.	1310.00	80	022343.40
B,SERS		1304.10	00	022344.00
B,160104		22273.50	00	022344.40
SIC,SEN	-LOWER BOUNDARY DATA FAILURE, BIT 49.	1310.00	80	022345.00
B,SERS		1304.10	00	022345.40
BD,160104		22273.44	00	022346.00

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160105	LX,\$X1,160XW1	-TEST THE COMPARE CKTS, SETUP	23065.02	10		022346.40
	LX,\$X2,160K12	-INTERRUPT TAFLE. UB HAS X, LB HAS	23055.04	10		022347.00
	SX,\$X2,160IT%\$X1	-X-2. TETCH FROM X+1 TO CHK YB COMP,	23201.05	11		022347.40
	CB+,\$X1,\$-.32	-FROM X-3 TO CHK LB COMP, AND FROM	22347.43	48		022350.00
	LVI,\$X1,INT	-X-1 TO CHECK WITHIN. RANGE OF X IS	1353.03	01		022350.40
	LX,\$X2,160XW3	-FROM 000040 THRU 777777 OCTAL.	23067.04	10		022351.00
	Z,BOUND0		23302.22	00		022351.40
	LX,\$X13,BIT57		24613.32	10		022352.00
	SX,\$X13,BOUND1		23303.33	10		022352.40
	LVI,\$X3,160107		22372.07	01		022353.00
	SVA,\$X3,160IT+16		23211.07	00		022353.40
	SIC,160SX1	-CLEAR INDS 0-19	23041.00	80		022354.00
	B,160S1		22741.10	00		022354.40
	Z,160AD1	-CLEAR FIRST INTERRUPT INDICATORS	23063.22	00		022355.00
	Z,160AD3		23064.22	00		022355.40
160106	LVI,\$X3,160107+.32		22372.47	01		022356.00
	SVA,\$X3,160107		22372.07	00		022356.40
	BZB,4.60,160122		4.74	80	022506.74 00	022357.00
	LVI,\$X3,160109		22376.47	01		022360.00
	SVA,\$X3,16010A		22371.47	00		022360.40
	BD,\$+.32		22361.44	00		022361.00
	Z,\$MASK	-SETUP UB + LB.	14.22	00		022361.40
	SV,\$X2,BOUND0+.32	-LOWER BOUND	23302.45	30		022362.00
	SV,\$X2,BOUND1+.32		23303.45	30		022362.40
	V+1,\$X2,2.0		2.05	05		022363.00
	SV,\$X2,BOUND0	-UPPER BOUND	23302.05	30		022363.40
	SV,\$X2,BOUND1		23303.05	30		022364.00
	Z,\$IND		13.22	00		022364.40
	BDFZ,\$+.32		22365.52	46		022365.00
	TI,1,BOUND1,3.0		23303.00	80	000003.02 A0	022365.40
	SR,\$X1,\$1A		2.03	70		022366.40
	BE,\$+.32		22367.40	00		022367.00
	LX,\$X13,0%\$X2	-FETCH FROM UB, BC IS 1.	0.32	12		022367.40
	BD,\$+.32		22370.44	00		022370.00
	SV,\$X1,\$1A		2.03	30		022370.40
	BD,160109		22376.44	00		022371.00
16010A	BD,\$+.32	-ALL INTRPTS EXCEPT AD ENTER HERE.	22372.04	00		022371.40
160107	BD,\$+.32	-AD INTRPTS ENTER HERE.	22372.44	00		022372.00
	SV,\$X1,\$1A		2.03	30		022372.40
	LV,\$X13,160AD1	-DID WE INTRPT LAST TIME THRU.	23063.32	30		022373.00
	BXVZ,160108		22375.31	42		022373.40
	LX,\$X15,3.0	-INTERRUPTED TWICE ON A FETCH ABOVE	3.36	10		022374.00
		-UB, ASSUMING OUT W F MEMWRY, IX 15				
		-CWNTAINS CONTENTS NF BVUND. CNTL				
		-REGISTERS WHEN LEAVING COMPARE TESTS.				
	B,160122		22506.50	00		022374.40
160108	V+1,\$X13,%8		777777.73	05		022375.00
	SV,\$X13,160AD1		23063.33	30		022375.40
	B,160111	-UB FROM AD.	22414.10	00		022376.00
160109	BDFZ,160110		22401.52	46		022376.40
	B,\$+1.0		22400.10	00		022377.00
	BD,160106		22356.04	00		022377.40
	SIC,SENO+.32		1311.40	80		022400.00
	B,\$SSW	-TO SSIP.	1301.10	00		022400.40
	BD,160122	-TERMINATE.	22506.44	00		022401.00

160110	Z,\$X13	-CLR INT 1.	35.22 00	022401.40
	SV,\$X13,160AD1		23063.33 30	022402.00
	TI,1,BOUND1,3.0		23303.00 80 000003.02 A0	022402.40
	LVI,\$X13,160210		22412.73 01	022403.40
	SVA,\$X13,160107		22372.33 D0	022404.00
	LVI,\$X3,16011A		22407.47 01	022404.40
	SVA,\$X3,16010A		22371.47 D0	022405.00
	V-1,\$X2,1.0		1.05 0D	022405.40
	SR,\$X1,\$1A	-RESTORE MY INT.	2.03 70	022406.00
	BE,\$+.32		22407.00 00	022406.40
	LX,\$X13,0%\$X2	-FETCH FROM UB-1, BC IS 1.	0.32 12	022407.00
16011A	BD,\$+.32		22410.04 00	022407.40
	SV,\$X1,\$1A	-RESTORE SSIP INT.	2.03 30	022410.00
	BZDFZ,160111		22414.12 44	022410.40
	SIC,SEN	-FETCH FROM UB-1, BC 1,	1310.00 80	022411.00
	B,SERS	-CAUSES DF TO BE SET.	1304.10 00	022411.40
	B,160111		22414.10 00	022412.00
160210	SIC,SEN	-FETCH FROM UB-1, BC 1,	1310.00 80	022412.40
	B,SERS	-CAUSES AD INTERRUPT.	1304.10 00	022413.00
	SV,\$X1,\$1A	-RESTORE SSIP INT.	2.03 30	022413.40
160111	LVI,\$X13,160112		22424.33 01	022414.00
	SVA,\$X13,160107		22372.33 D0	022414.40
	LVI,\$X3,160114		22431.07 01	022415.00
	SVA,\$X3,16010A		22371.47 D0	022415.40
	BDFZ,\$+.32		22416.52 46	022416.00
	Z,\$MASK		14.22 00	022416.40
	Z,\$IND		13.22 00	022417.00
	TI,1,BOUND1,3.0		23303.00 80 000003.02 A0	022417.40
	V-1,\$X2,2.0		2.05 0D	022420.40
	SR,\$X1,\$1A		2.03 70	022421.00
	BE,\$+.32		22422.00 00	022421.40
	LX,\$X13,0%\$X2	-FETCH FROM LB-1, BC IS 1.	0.32 12	022422.00
	BD,\$+.32		22423.04 00	022422.40
	SV,\$X1,\$1A		2.03 30	022423.00
	BD,160114		22431.04 00	022423.40
160112	SV,\$X1,\$1A		2.03 30	022424.00
	LV,\$X13,160AD2	-DID WE INTRPT LAST TIME THRU.	23063.72 30	022424.40
	BXVZ,160113		22427.71 42	022425.00
	LX,\$X15,3.0		3.36 10	022425.40
	SIC,SEN	-INTERRUPTED TWICE ON A FETCH BELOW	1310.00 80	022426.00
	B,SERS	-LB,IX 15 CONTAINS CONTENTS OF	1304.10 00	022426.40
	B,160122	-LOCN 3.0 AT TIME OF FETCH.	22506.50 00	022427.00
160113	V+1,\$X13,%8=777777.40		777777.73 05	022427.40
	SV,\$X13,160AD2	-AD INTERRUPT ONCE ON FETCH	23063.73 30	022430.00
	B,160116	-BELOW LB.	22436.50 00	022430.40
160114	BDFZ,160115		22435.52 46	022431.00
	LX,\$X15,3.0	-LB COMP FAILED. FETCH FROM LB-1	3.36 10	022431.40
	SIC,SEN	-FAILS TO SET DF. IX 15 CONTAINS	1310.00 80	022432.00
	B,SERS	-LOCN 3.0 AT TIME OF FITCH.	1304.10 00	022432.40
	B,\$+1.0		22434.10 00	022433.00
	BD,160111		22414.04 00	022433.40
	SIC,SEN0+.32		1311.40 80	022434.00
	B,SSW	-TO SSIP	1301.10 00	022434.40
	BD,160122		22506.44 00	022435.00

160115	Z,\$X13	-CLR INT 2.	35.22 00	022435.40
	SV,\$X13,160AD2		23063.73 30	022436.00
160116	LVI,\$X13,160117		22446.73 01	022436.40
	SVA,\$X13,160107		22372.33 D0	022437.00
	LVI,\$X3,160119		22453.47 01	022437.40
	SVA,\$X3,16010A		22371.47 D0	022440.00
	BDFZ,\$+.32		22441.12 46	022440.40
	Z,\$MASK		14.22 00	022441.00
	Z,\$IND		13.22 00	022441.40
	SR,\$X1,\$IA		2.03 70	022442.00
	TI,1,BOUND0,3.0		23302.00 80	022442.40
	V+1,\$X2,2.0		2.05 05	022443.40
	BE,\$+.32		22444.40 00	022444.00
	LX,\$X13,0%\$X2	-FETCH FRM LB+1, UB-1, BC IS 0.	0.32 12	022444.40
	BD,\$+.32		22445.44 00	022445.00
	SV,\$X1,\$IA		2.03 30	022445.40
	BD,160119		22453.44 00	022446.00
160117	SV,\$X1,\$IA		2.03 30	022446.40
	LV,\$X13,160AD3	-DID WE INTRPT LAST TIME THRU.	23064.32 30	022447.00
	BXVZ,160118		22452.31 42	022447.40
	LX,\$X15,3.0		3.36 10	022450.00
	SIC,SEN	-INTERRUPTED TWICE ON A FETCH BETWEEN	1310.00 80	022450.40
	B,SERS	-UB AND LB, IX 15 CONTAINS CONTENTS OF	1304.10 00	022451.00
	B,160122	-LOCN 3.0 AT TIME OF FETCH.	22506.50 00	022451.40
160118	V+1,\$X13,%8#777777.40		777777.73 05	022452.00
	SV,\$X14,160AD3	-AD INTERRUPT ONCE ON FETCH	23064.35 30	022452.40
	B,160121	-BETWEEN UB AND LB.	22461.10 00	022453.00
160119	BDFZ,160120		22460.12 46	022453.40
	LX,\$X15,3.0	-BETWEEN UB AND LB COMP FAILED. FETCH	3.36 10	022454.00
	SIC,SEN	-BETWEEN THE TWO FAILS TO SET DF. IX 15	1310.00 80	022454.40
	B,SERS	-CONTAINS LOCN 3.0 AT TIME OF FETCH.	1304.10 00	022455.00
	B,\$+1.0		22456.50 00	022455.40
	BD,160116		22436.44 00	022456.00
	SIC,SEN0+.32		1311.40 80	022456.40
	B,\$SW	-TO SSIP.	1301.10 00	022457.00
	B,160122	-TERMINATE.	22506.50 00	022457.40
160120	Z,\$X13	-CLR INT 3.	35.22 00	022460.00
	SV,\$X13,160AD3		23064.33 30	022460.40

160121	LVI,\$X13,160211		22470.73	01		022461.00
	SVA,\$X13,160107		22372.33	D0		022461.40
	LVI,\$X3,16012A		22466.07	01		022462.00
	SVA,\$X3,16010A		22371.47	D0		022462.40
	TI,I,BOUNDI,3.0		23303.00	80	000003.02 A0	022463.00
	SR,\$X1,\$IA	-RESTORE MY INT.	2.03	70		022464.00
	BE,\$+.32		22465.00	00		022464.40
	LX,\$X13,0%\$X2H	-FETCH FRM LB+1, UB-1, BC IS 1.	0.32	12		022465.00
	BD,\$+.32		22466.04	00		022465.40
16012A	SV,\$X1,\$IA	-RESTORE INT.	2.03	30		022466.00
	BZDFZ,160212		22472.52	44		022466.40
	SIC,SEN	-FETCH BETWEEN UB AND LB,	1310.00	80		022467.00
	B,SERS	-BC I, CAUSES DF TO SET.	1304.10	00		022467.40
	B,160212		22472.50	00		022470.00
160211	SV,\$X1,\$IA	-RESTORE INT.	2.03	30		022470.40
	SIC,SEN	-FETCH BETWEEN UB AND LB, BC I,	1310.00	80		022471.00
	B,SERS	-CAUSES AD INTERRUPT, TESTING DONE.	1304.10	00		022471.40
	B,160122		22506.50	00		022472.00
160212	LVI,\$X13,160213		22502.73	01		022472.40
	SVA,\$X13,160107		22372.33	D0		022473.00
	LVI,\$X3,16021B		22500.07	01		022473.40
	SVA,\$X3,16010A		22371.47	D0		022474.00
	TI,I,BOUND0,3.0		23302.00	80	000003.02 A0	022474.40
	V+I,\$X2,2.0		2.05	05		022475.40
	SR,\$X1,\$IA	-RESTORE MY INT.	2.03	70		022476.00
	BE,\$+.32		22477.00	00		022476.40
	LX,\$X13,0%\$X2H		0.32	12		022477.00
	BD,\$+.32		22500.04	00		022477.40
16021B	SV,\$X1,\$IA	-RESTORE INT.	2.03	30		022500.00
	BZDFZ,160214		22504.52	44		022500.40
	SIC,SEN	-FETCH FROM UB+1, BC 0, CAUSES	1310.00	80		022501.00
	B,SERS	-DF TO BE SET.	1304.10	00		022501.40
	BD,160214		22504.44	00		022502.00
160213	SV,\$X1,\$IA	-RESTORE INT.	2.03	30		022502.40
	SIC,SEN	-FETCH FROM UB+1, BC 0, CAUSES AD	1310.00	80		022503.00
	B,SERS	-INTERRUPT, TESTING DONE	1304.10	00		022503.40
	B,160122		22506.50	00		022504.00
160214	LV,\$X2,\$X2	-DONE ALL COMPS.	22.04	30		022504.40
	BXVZ,160122	-YES	22506.71	42		022505.00
	V-I,\$X2,2.0	-NO	2.05	0D		022505.40
	BD,160106		22356.04	00		022506.00
160122	Z,3.0	-CLR BOUNDS REG.	3.22	00		022506.40
	B,\$+1.0		22510.10	00		022507.00
	BD,160105		22346.44	00		022507.40
	SIC,SEN0+.32		1311.40	80		022510.00
	B,SSW	-TO SSIP.	1301.10	00		022510.40
	BD,\$+.32		22511.44	00		022511.00
	LX,\$X13,IC260	-UPDATE CONTINUITY CHECK.	22737.32	10		022511.40
	V+,\$X13,BIT10		24534.32	80		022512.00
	SX,\$X13,IC260		22737.33	10		022512.40

160123	LX,\$X1,160XW1	-SETUP BD, 160107 INTERRUPT TABLE	23065.02	10		022513.00
	LX,\$X2,160K17	-FOR TESTS 8B, 8C, 8D	23062.04	10		022513.40
	SX,\$X2,160IT%\$X1		23201.05	11		022514.00
	CB+,\$X1,\$-.32		22514.03	48		022514.40
	Z,\$MASK		14.22	00		022515.00
160125	BD,\$+.32	-TEST 8B CHKS DS WITH SYSTEMS	22516.04	00		022515.40
	LX,\$X1,BIT57	-DISABLED, AND ENABLED.	24613.02	10		022516.00
	SX,\$X1,3.0		3.03	10		022516.40
	BDSZ,\$+.32		22517.51	C6		022517.00
	SX,\$X1,160AD1		23063.03	10		022517.40
	BZDSZ,\$+1.32		22521.51	C4		022520.00
	SIC,SEN	-SX OUT OF BOUNDS SETS DS WHEN	1310.00	80		022520.40
	B,SERS	-SYSTEM DISABLED.	1304.10	00		022521.00
	LVI,\$X1,INT		1353.03	01		022521.40
	LRI,\$X1,160IT		23201.03	03		022522.00
	LX,\$X2,BIT57		24613.04	10		022522.40
	SX,\$X2,3.0		3.05	10		022523.00
	LVI,\$X2,160126		22537.05	01		022523.40
	SVA,\$X2,160107		22372.05	D0		022524.00
	LVI,\$X2,160K11		23054.05	01		022524.40
	SV,\$X2,\$UB		3.05	30		022525.00
	SIC,160SX1		23041.00	80		022525.40
	BD,160S1		22741.04	00		022526.00
	Z,\$IND		13.22	00		022526.40
	L%BU, \$IND		13.00	80	000000.20 50	022527.00
	BRZ,\$+2.0		22532.34	C2		022530.00
	SIC,SEN	-UNABLE TO CLR IND REGS MUST	1310.00	80		022530.40
	B,SERS	-TERMINATE THIS TEST.	1304.10	00		022531.00
	B,160Z1		22542.10	00		022531.40
	SR,\$X1,\$IA		2.03	70		022532.00
	Z,\$IND		13.22	00		022532.40
	Z,160AD1		23063.22	00		022533.00
	LX,\$X2,1000		24503.04	10		022533.40
	BE,\$+.32		22534.40	00		022534.00
	SX,\$X2,160AD1		23063.05	10		022534.40
	BD,\$+.32		22535.44	00		022535.00
	SV,\$X1,\$IA		2.03	30		022535.40
12	SIC,SEN	-NO INTERRUPT OCCURED ON AN	1310.00	80		022536.00
11	B,SERS	-SX ABOVE UB.	1304.10	00		022536.40
10	160126	L%BU, 160AD1	23063.00	80	000000.20 50	022537.00
9		BRZ,\$+1.32	22541.74	C2		022540.00
8		SIC,SEN	1310.00	80		022540.40
7		B,SERS	1304.10	00		022541.00
6		SV,\$X1,\$IA	2.03	30		022541.40
5	160Z1	B,\$+1.0	22543.10	00		022542.00
4		BD,160123	22513.04	00		022542.40
3		SIC,SEN0+.32	1311.40	80		022543.00
2		B,SSW	1301.10	00		022543.40
1		BD,\$+.32	22544.44	00		022544.00
0		LX,\$X13,IC260	22737.32	10		022544.40
		V+,\$X13,BIT11	24535.32	B0		022545.00
		SX,\$X13,IC260	22737.33	10		022545.40

160127	LVI,\$X1,160AD1	-TEST 8C CHECKS DF + IF UNDER 4 CONDS,	23063.03 01	022546.00
	LX,\$X2,BIT57	-1. DISABL MASK 0 FETCH OK IND NO INT	24613.04 10	022546.40
	SX,\$X2,3.0	-2. DIAABL MASK I FETCH OK NO IND NO INT	3.05 10	022547.00
	Z,160AD3	-3. ENABLE MASK 0 FETCH OK IND ON NO INT	23064.22 00	022547.40
	BD,\$+.32	-4. ENABLE MASK I NO FETCH IND ON INTRPT	22550.44 00	022550.00
	Z,\$MASK		14.22 00	022550.40
	SIC,160SX1		23041.00 80	022551.00
	B,160S1		22741.10 00	022551.40
	Z,\$IND		13.22 00	022552.00
	LVI,\$X3,%8□777777.40		777777.47 01	022552.40
	LVI,\$X4,INT		1353.11 01	022553.00
	LRI,\$X4,160IT		23201.11 03	022553.40
	LVI,\$X5,160128		22560.53 01	022554.00
	SVA,\$X5,160107		22372.13 00	022554.40
	SV,\$X1,\$UB		3.03 30	022555.00
	SR,\$X4,\$IA		2.11 70	022555.40
	LV,\$X3,160AD3		23064.06 30	022556.00
	BZDFZ,\$+1.32		22560.12 44	022556.40
	SIC,SEN	-FETCH ABOVE UB, DISABLED, MASK 0,	1310.00 80	022557.00
	B,SERS	-CAUSES DF TO BE SET, NO INT.	1304.10 00	022557.40
	BD,\$+1.32		22561.44 00	022560.00
160128	SIC,SEN	-ENTER HERE FROM INT.	1310.00 80	022560.40
	B,SERS	-INT ON DF, DISABLED MASK 0, FETCH	1304.10 00	022561.00
		-ABOVE UB.		
	SV,\$X4,\$IA		2.11 30	022561.40
	LX,\$X3,\$X3		23.06 10	022562.00
	BXVZ,\$+1.32		22564.31 42	022562.40
	SIC,SEN	-UNABLE TO FETCH ABOVE UB WITH	1310.00 80	022563.00
	B,SERS	-MASK 0, SYSTEM DISABLED.	1304.10 00	022563.40
	LVI,\$X2,160129		22571.05 01	022564.00
	SV,\$X2,\$LB		3.45 30	022564.40
	LVI,\$X2,160130		22573.05 01	022565.00
	SVA,\$X2,160107		22372.05 00	022565.40
	SR,\$X4,\$IA		2.11 70	022566.00
	LVI,\$X2,%8□777777.0		777777.05 01	022566.40
	SV,\$X2,\$UB		3.05 30	022567.00
	CNOP		0.30 00	022567.40
	LX,\$X2,0		0.04 10	022570.00
	NOP		0.30 00	022570.40
160129	BZIFZ,160131		22574.12 C4	022571.00
	SIC,SEN	-INSTRUCT FETCH BELOW LB SETS	1310.00 80	022571.40
	B,SERS	-IF, NO INT, MASK 0, DISABLED.	1304.10 00	022572.00
	BD,160131		22574.04 00	022572.40

160130	SIC,SEN B,SERS	-INSTRUCT FETCH BELOW LB CAUSES -INT, MASK 0, DISABLED.	1310.00 80 1304.10 00	022573.00 022573.40
160131	SV,\$X4,\$IA LX,\$X2,\$X2 BXVZ,\$+1.32		2.11 30 22.04 10 22576.71 42	022574.00 022574.40 022575.00
	SIC,SEN B,SERS	-INSTRUCT FETCHED BELOW LB, DISABLED, -MASK 0, WAS NOPED.	1310.00 80 1304.10 00	022575.40 022576.00
	B,\$+1.0 BD,I60127 SIC,SEN0+.32		22577.50 00 22546.04 00 1311.40 80	022576.40 022577.00 022577.40
	B,SSW BD,\$+.32.		1301.10 00 22601.04 00	022600.00 022600.40
	LX,\$X13,IC260 V+,\$X13,BIT12 SX,\$X13,IC260	-UPDATE CONTINUITY CHECK.	22737.32 10 24536.32 80 22737.33 10	022601.00 022601.40 022602.00

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160132	BD,\$+.32	-TEST 8C, CASE 2.	22603.04 00	022602.40
	LVI,\$X1,160AD1		23063.03 01	022603.00
	LX,\$X2,BIT57		24613.04 10	022603.40
	SX,\$X2,3.0		3.05 10	022604.00
	Z,160AD3		23064.22 00	022604.40
	BD,\$+.32		22605.44 00	022605.00
	LX,\$X2,BIT20		24546.04 10	022605.40
	SX,\$X2,\$MASK		14.05 10	022606.00
	SIC,160SX1		23041.00 80	022606.40
	B,160S1		22741.10 00	022607.00
	Z,\$IND		13.22 00	022607.40
	LVI,\$X3,%8□777777.40		777777.47 01	022610.00
	LVI,\$X4,INT		1353.11 01	022610.40
	LRI,\$X4,160IT		23201.11 03	022611.00
	LVI,\$X5,160I33		22616.13 01	022611.40
	SVA,\$X5,160107		22372.13 D0	022612.00
	SV,\$X1,\$UB		3.03 30	022612.40
	SR,\$X4,\$IA		2.11 70	022613.00
	LV,\$X3,160AD3		23064.06 30	022613.40
	BZDFZ,\$+1.32		22615.52 44	022614.00
	SIC,SEN	-FETCH ABOVE UB, DISABLED, MASK 1,	1310.00 80	022614.40
	B,SERS	-CAUSES DF TO BE SET, NO INT.	1304.10 00	022615.00
	BD,\$+1.32		22617.04 00	022615.40
160133	SIC,SEN	-FETCH ABOVE UB, DISABLED, MASK 1, CAUSES	1310.00 80	022616.00
	B,SERS	-INTERRUPT.	1304.10 00	022616.40
	SV,\$X4,\$IA		2.11 30	022617.00
	LX,\$X3,\$X3		23.06 10	022617.40
	BXVZ,\$+1.32		22621.71 42	022620.00
	SIC,SEN	-UNABLE TO FETCH ABOVE UB WITH	1310.00 80	022620.40
	B,SERS	-MASK 1, SYSTEM DISABLED.	1304.10 00	022621.00
	LVI,\$X2,160I34		22627.05 01	022621.40
	SV,\$X2,\$LB		3.45 30	022622.00
	LX,\$X2,BIT21		24547.04 10	022622.40
	SX,\$X2,\$MASK		14.05 10	022623.00
	LVI,\$X2,160I35		22631.05 01	022623.40
	SVA,\$X2,160107		22372.05 D0	022624.00
	SR,\$X4,\$IA		2.11 70	022624.40
	LVI,\$X2,%8□777777.0		777777.05 01	022625.00
	SV,\$X2,\$UB		3.05 30	022625.40
	CNOP			
	LX,\$X2,0		0.04 10	022626.00
	NOP		0.30 00	022626.40
160134	BZIFZ,160136		22632.12 C4	022627.00
	SIC,SEN	-INSTRUCT FETCH BELOW LB SETS	1310.00 80	022627.40
	B,SERS	-IF, NO INT, MASK 1, DISABLED.	1304.10 00	022630.00
	BD,160136		22632.04 00	022630.40
160135	SIC,SEN	-INSTRUCT FETCH BELOW LB CAUSES	1310.00 80	022631.00
	B,SERS	-INT, MASK 1, DISABLED.	1304.10 00	022631.40
160136	SV,\$X4,\$IA		2.11 30	022632.00
	LX,\$X2,\$X2		22.04 10	022632.40
	BXVZ,\$+1.32		22634.71 42	022633.00
	SIC,SEN	-INSTRUCT FETCHED BELOW LB, DISABLED,	1310.00 80	022633.40
	B,SERS	-MASK 1, WAS NOPEd.	1304.10 00	022634.00
	B,\$+1.0		22635.50 00	022634.40
	BD,160132		22602.44 00	022635.00
	SIC,SEN0+.32		1311.40 80	022635.40
	B,SSW	-TO SSIP.	1301.10 00	022636.00
	BD,\$+.32		22637.04 00	022636.40

LX,\$X13,IC260
V+,\$X13,BIT13
SX,\$X13,IC260

-UPDATE CONTINUITY CHECK.

22737.32 10
24537.32 B0
22737.33 10

022637.00
022637.40
022640.00

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160137	LVI,\$X1,160AD1	-TEST 8C,CASE 3.	23063.03	01	022640.40
	LX,\$X2,BIT57		24613.04	10	022641.00
	SX,\$X2,3.0		3.05	10	022641.40
	Z,160AD3		23064.22	00	022642.00
	Z,\$MASK		14.22	00	022642.40
	SIC,160SX1		23041.00	80	022643.00
	B,160SI		22741.10	00	022643.40
	Z,\$IND		13.22	00	022644.00
	LVI,\$X3,%8077777.40		77777.47	01	022644.40
	LVI,\$X4,INT		1353.11	01	022645.00
	LRI,\$X4,160IT		23201.11	03	022645.40
	LVI,\$X5,160138		22653.53	01	022646.00
	SVA,\$X5,160107		22372.13	D0	022646.40
	SV,\$X1,\$UB		3.03	30	022647.00
	SR,\$X4,\$IA		2.11	70	022647.40
	BE,\$+.32		22650.40	00	022650.00
	LV,\$X3,160AD3		23064.06	30	022650.40
	BD,\$+.32		22651.44	00	022651.00
	BDFZ,\$+1.32		22653.12	46	022651.40
	SIC,SEN	-FETCH ABOVE UB, ENABLED, MASK 0,	1310.00	80	022652.00
	B,SERS	-CAUSES DF NOT TO BE SET, NO INT.	1304.10	00	022652.40
	BD,\$+1.32		22654.44	00	022653.00
160138	SIC,SEN	-INT ON DF, ENABLED, MASK 0, FETCHED	1310.00	80	022653.40
	B,SERS	-ABOVE UB.	1304.10	00	022654.00
	SV,\$X4,\$IA		2.11	30	022654.40
	LX,\$X3,\$X3		23.06	10	022655.00
	BXVZ,\$+1.32		22657.31	42	022655.40
	SIC,SEN	-UNABLE TO FETCH ABOVE UB WITH	1310.00	80	022656.00
	B,SERS	-MASK 0, SYSTEM ENABLED.	1304.10	00	022656.40
	LVI,\$X2,160140		22666.05	01	022657.00
	SV,\$X2,\$LB		3.45	30	022657.40
	LVI,\$X2,160140		22666.05	01	022660.00
	SVA,\$X2,160107		22372.05	D0	022660.40
	SR,\$X4,\$IA		2.11	70	022661.00
	LVI,\$X2,%8077777.0		77777.05	01	022661.40
	SV,\$X2,\$UB		3.05	30	022662.00
	BE,\$+.32		22663.00	00	022662.40
	CNOP				
	LX,\$X2,0		0.04	10	022663.00
160139	BD,\$+.32		22664.04	00	022663.40
	BIFZ,160141		22667.12	C6	022664.00
	SIC,SEN	-INSTRUCT FETCH BELOW LB FAILS TO	1310.00	80	022664.40
	B,SERS	-SET IF, NO INT, MASK 0, ENABLED.	1304.10	00	022665.00
	BD,160141		22667.04	00	022665.40
160140	SIC,SEN	-INSTRUCT FETCH BELOW LB CAUSES INT,	1310.00	80	022666.00
	B,SERS	-MASK 0, SYSTEM ENABLED.	1304.10	00	022666.40
160141	SV,\$X4,\$IA		2.11	30	022667.00
	LX,\$X2,\$X2		22.04	10	022667.40
	BXVZ,\$+1.32		22671.71	42	022670.00
	SIC,SEN	-INSTRUCT FETCHED BELOW LB, ENABLED,	1310.00	80	022670.40
	B,SERS	-MASK 0, WAS NOPEd.	1304.10	00	022671.00
	B,\$+1.0		22672.50	00	022671.40
	BD,160137		22640.44	00	022672.00
	SIC,SEN0+.32		1311.40	80	022672.40
	B,SSW	-TO SSIP.	1301.10	00	022673.00
	BD,\$+.32		22674.04	00	022673.40

LX,\$X13,IC260
V+,\$X13,BIT14
SX,\$X13,IC260

-UPDATE CONTINUITY CHECK.

22737.32 10
24540.32 B0
22737.33 10

022674.00
022674.40
022675.00

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160142	LVI,\$X1,160AD1	-TEST 8C, CASE 4.	23063.03	01	022675.40
	LX,\$X2,BIT57		24613.04	10	022676.00
	SX,\$X2,3.0		3.05	10	022676.40
	Z,160AD3		23064.22	00	022677.00
	BD,\$+.32		22700.04	00	022677.40
	Z,\$MASK		14.22	00	022700.00
	SIC,160SXI		23041.00	80	022700.40
	B,160S1		22741.10	00	022701.00
	Z,\$IND		13.22	00	022701.40
	LVI,\$X3,%8□777777.40		777777.47	01	022702.00
	LVI,\$X4,INT		1353.11	01	022702.40
	LRI,\$X4,160IT		23201.11	03	022703.00
	LVI,\$X5,160I43		22713.53	01	022703.40
	SVA,\$X5,160107		22372.13	00	022704.00
	SV,\$X1,\$UB		3.03	30	022704.40
	SR,\$X4,\$IA		2.11	70	022705.00
	LX,\$X6,BIT20		24546.14	10	022705.40
	SX,\$X6,\$MASK		14.15	10	022706.00
	BE,\$+.32		22707.00	00	022706.40
	LV,\$X3,160AD3		23064.06	30	022707.00
	NOP		0.30	00	022707.40
	BD,\$+.32		22710.44	00	022710.00
	BDFZ,\$+2.0		22712.52	46	022710.40
	SIC,SEN	-FETCH ABOVE UB, ENABLED, MASK 1,	1310.00	80	022711.00
	B,SERS	-CAUSES NO INT, DF NOT SET.	1304.10	00	022711.40
	BD,160143		22713.44	00	022712.00
	SIC,SEN	-FETCH ABOVE UB, ENABLED, MASK 1,	1310.00	80	022712.40
	B,SERS	-CAUSES NO INT, DF SET.	1304.10	00	022713.00
160143	SV,\$X4,\$IA		2.11	30	022713.40
	LX,\$X3,\$X3		23.06	10	022714.00
	BZXVZ,\$+1.32		22716.31	40	022714.40
	SIC,SEN	-FETCHED ABOVE UB WITH MASK 1	1310.00	80	022715.00
	B,SERS	-AND SYSTEM ENABLED.	1304.10	00	022715.40
	LVI,\$X2,160146		22727.05	01	022716.00
	SV,\$X2,\$LB		3.45	30	022716.40
	SVA,\$X2,160107		22372.05	00	022717.00
	SR,\$X4,\$IA		2.11	70	022717.40
12	LVI,\$X2,%8□777777.0		777777.05	01	022720.00
	SV,\$X2,\$UB		3.05	30	022720.40
	LX,\$X6,BIT21		24547.14	10	022721.00
	(SX,\$X6,\$MASK)		14.15	10	022721.40
	BE,\$+.32		22722.40	00	022722.00
	CNOP		0.30	00	022722.40
	LX,\$X2,0		0.04	10	022723.00
	BD,\$+.32		22724.04	00	022723.40
160144	BIFZ,160145		22726.12	C6	022724.00
	SIC,SEN	-INSTRUCT FETCH BELOW LB CAUSES NO	1310.00	80	022724.40
	B,SERS	-INT IF NOT SET, MASK 1, SYSTEM	1304.10	00	022725.00
	BD,160146	-ENABLED.	22727.04	00	022725.40
160145	SIC,SEN	-INSTRUCT FETCH BELOW LB CAUSES NO	1310.00	80	022726.00
	B,SERS	-INT, IF ON, MASK 1, SYSTEM ENABLED.	1304.10	00	022726.40
160146	SV,\$X4,\$IA		2.11	30	022727.00
	LX,\$X2,\$X2		22.04	10	022727.40
	BZXVZ,\$+1.32		22731.71	40	022730.00
	SIC,SEN	-INSTRUCT FETCHED BELOW LB, ENABLED,	1310.00	80	022730.40
	B,SERS	-MASK 1, WAS EXECUTED.	1304.10	00	022731.00

	B,\$+1.0		22732.50	00		022731.40	
	BD,I60142		22675.44	00		022732.00	
	SIC,SEN0+.32		1311.40	80		022732.40	
	B,SSW	-TO SSIP.	1301.10	00		022733.00	
	BD,\$+.32		22734.04	00		022733.40	
	LX,\$X13,IC260	-UPDATE CONTINUITY CHECK.	22737.32	10		022734.00	
	V+,\$X13,BIT15		24541.32	80		022734.40	
	KV,\$X13,ICK260		22740.32	90		022735.00	
	SIC,SEN		1310.00	80		022735.40	
	BZXE,SERS	-CONTINUITY ERROR.	1304.32	00		022736.00	
	BD,I62		23304.04	00		022736.40	
	CNOP						
	IC260 XW,0,0,0	-CONTINUITY REG I260.	0.00	00	000000.00	00	022737.00
	ICK260 XW,%8□777774.00,0,0		777774.00	00	000000.00	00	022740.00
	I60S1 SX,\$X1,I60DMP	-SUBROUTINE TO CLR INDS 0-19,	23301.03	10		022741.00	
	BMKZ,\$+.32	-AND CHK THAT THEY ARE CLRD.	22742.00	46		022741.40	
	TI,1,11.0,\$X1		13.00	80	000021.02	A0	022742.00
	KVI,\$X1,%8□400000.0		400000.03	04		022743.00	
	BXL,\$+1.32		22745.32	42		022743.40	
	SIC,SEN		1310.00	80		022744.00	
	B,SERS	-UNABLE TO CLEAR MK.	1304.10	00		022744.40	
	BIKZ,\$+.32		22745.40	C6		022745.00	
	TI,1,11.0,\$X1		13.00	80	000021.02	A0	022745.40
	KVI,\$X1,%8□200000.0		200000.03	04		022746.40	
	BXL,\$+1.32		22750.72	42		022747.00	
	SIC,SEN		1310.00	80		022747.40	
	B,SERS	-UNABLE TO CLR IK OR ABOVE IND.	1304.10	00		022750.00	
	BIJZ,\$+.32		22751.01	46		022750.40	
	TI,1,11.0,\$X1		13.00	80	000021.02	A0	022751.00
	KVI,\$X1,%8□100000.0		100000.03	04		022752.00	
	BXL,\$+1.32		22754.32	42		022752.40	
	SIC,SEN		1310.00	80		022753.00	
	B,SERS	-UNABLE TO CLR IJ OR ABOVE IND.	1304.10	00		022753.40	
12	BEKZ,\$+.32		22754.41	C6		022754.00	
	TI,1,11.0,\$X1		13.00	80	000021.02	A0	022754.40
11	KVI,\$X1,%8□40000.0		40000.03	04		022755.40	
	SIC,SEN		1310.00	80		022756.00	
10	BZXL,SERS	-UNABLE TO CLR EK OR ABOVE IND.	1304.32	40		022756.40	
9	LVI,\$X1,%8□777777.40		777777.43	01		022757.00	
	SV,\$X1,1.0		1.03	30		022757.40	
8	BTSZ,\$+.32		22760.42	46		022760.00	
	TI,1,11.0,\$X1		13.00	80	000021.02	A0	022760.40
7	KVI,\$X1,%8□20000.0		20000.03	04		022761.40	
	SIC,SEN		1310.00	80		022762.00	
6	BZXL,SERS	-UNABLE TO CLR TS OR ABOVE IND.	1304.32	40		022762.40	
5	B,\$+.32		22763.50	00		022763.00	
	TI,1,11.0,\$X1		13.00	80	000021.02	A0	022763.40
4	KVI,\$X1,%8□10000.0		10000.03	04		022764.40	
	SIC,SEN		1310.00	80		022765.00	
3	BZXL,SERS	-UNABLE TO CLR CPUS OR ABOVE	1304.32	40		022765.40	
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BEKJZ,\$+.32		22766.43	46		022766.00
TI,1,11.0,\$X1		13.00	80	000021.02 A0	022766.40
KVI,\$X1,%8□4000.0		4000.03	04		022767.40
SIC,SEN		1310.00	80		022770.00
BZXL,SERS	-UNABLE TO CLR EKJ OR ABOVE IND.	1304.32	40		022770.40
BUNRJZ,\$+.32		22771.43	C6		022771.00
TI,1,11.0,\$X1		13.00	80	000021.02 A0	022771.40
KVI,\$X1,%8□2000.0		2000.03	04		022772.40
SIC,SEN		1310.00	80		022773.00
BZXL,SERS	-UNABLE TO CLR UNRJ OR ABOVE IND.	1304.32	40		022773.40
BCBJZ,\$+.32		22774.44	46		022774.00
TI,1,11.0,\$X1		13.00	80	000021.02 A0	022774.40
KVI,\$X1,%8□1000.0		1000.03	04		022775.40
SIC,SEN		1310.00	80		022776.00
BZXL,SERS	-UNABLE TO CLR CBJ OR ABOVE IND.	1304.32	40		022776.40
BEPGKZ,\$+.32		22777.44	C6		022777.00
TI,1,11.0,\$X1		13.00	80	000021.02 A0	022777.40
KVI,\$X1,%8□400.0		400.03	04		023000.40
SIC,SEN		1310.00	80		023001.00
BZXL,SERS	-UNABLE TO CLR EPGK OR ABOVE IND.	1304.32	40		023001.40
BUKZ,\$+.32		23002.45	46		023002.00
TI,1,11.0,\$X1		13.00	80	000021.02 A0	023002.40
KVI,\$X1,%8□200.0		200.03	04		023003.40
SIC,SEN		1310.00	80		023004.00
BZXL,SERS	-UNABLE TO CLR UK OR ABOVE IND.	1304.32	40		023004.40
BEEZ,\$+.32		23005.45	C6		023005.00
TI,1,11.0,\$X1		13.00	80	000021.02 A0	023005.40
KVI,\$X1,%8□100.0		100.03	04		023006.40
SIC,SEN		1310.00	80		023007.00
BZXL,SERS	-UNABLE TO CLR EE OR ABOVE IND.	1304.32	40		023007.40
BEOPZ,\$+.32		23010.46	46		023010.00
TI,1,11.0,\$X1		13.00	80	000021.02 A0	023010.40
KVI,\$X1,%8□40.0		40.03	04		023011.40
SIC,SEN		1310.00	80		023012.00
BZXL,SERS	-UNABLE TO CLR EOP OR ABOVE IND.	1304.32	40		023012.40
BCSZ,\$+.32		23013.46	C6		023013.00
TI,1,11.0,\$X1		13.00	80	000021.02 A0	023013.40
KVI,\$X1,%8□20.0		20.03	04		023014.40
SIC,SEN		1310.00	80		023015.00
BZXL,SERS	-UNABLE TO CLR CS OR ABOVE IND.	1304.32	40		023015.40
CNOP		23017.07	46	000000.30 00	023016.00
XW,\$+1.07,%8□300000,%8□014000,4		13.00	80	000021.02 A0	023017.00
TI,1,11.0,\$X1		10.03	04		023020.00
KVI,\$X1,%8□10.0		1310.00	80		023020.40
SIC,SEN	-UNABLE TO CLR IND NO. 14 OR	1304.32	40		023021.00
BZXL,SERS	-ABOVE IND.				

BOPZ,\$+.32		23022.07	C6		023021.40
TI,1,11.0,\$X1		13.00	80	000021.02 A0	023022.00
KVI,\$X1,%804.0		4.03	04		023023.00
SIC,SEN		1310.00	80		023023.40
BZXL,SERS	-UNABLE OT CLR OP OR ABOVE IND.	1304.32	40		023024.00
-					
BADZ,\$+.32		23025.10	46		023024.40
TI,1,11.0,\$X1		13.00	80	000021.02 A0	023025.00
KVI,\$X1,2.0		2.03	04		023026.00
SIC,SEN		1310.00	80		023026.40
BZXL,SERS	-UNABLE TO CLR AD OR ABOVE IND.	1304.32	40		023027.00
-					
BUSAZ,\$+.32		23030.10	C6		023027.40
TI,1,11.0,\$X1		13.00	80	000021.02 A0	023030.00
KVI,\$X1,1.0		1.03	04		023031.00
SIC,SEN		1310.00	80		023031.40
BZXL,SERS	-UNABLE TO CLR USA OR ABOVE IND.	1304.32	40		023032.00
-					
BEXEZ,\$+.32		23033.11	46		023032.40
TI,1,11.0,\$X1		13.00	80	000021.02 A0	023033.00
KVI,\$X1,%800.40		0.43	04		023034.00
SIC,SEN		1310.00	80		023034.40
BZXL,SERS	-UNABLE TO CLR EXE OR ABOVE IND.	1304.32	40		023035.00
-					
BDSZ,\$+.32		23036.11	C6		023035.40
TI,1,11.0,\$X1		13.00	80	000021.02 A0	023036.00
KV,\$X1,BIT19		24545.02	90		023037.00
SIC,SEN		1310.00	80		023037.40
BZXL,SERS	-UNABLE TO CLR DS OR ABOVE IND.	1304.32	40		023040.00
-					
LX,\$X1,160DMP		23301.02	10		023040.40
160SX1 \$BD,0		0.04	00		023041.00

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160K1	XW,%8□777777.60,0,0	777777.60	00	000000.00	00	023042.00
160K2	SX,\$X1,160DMP	23301.03	10			023043.00
	NOP	0.30	00			023043.40
160K3	C+I,\$X1,160DMP	23301.03	00			023044.00
	NOP	0.30	00			023044.40
160K4	SV,\$X1,160DMP	23301.03	30			023045.00
	NOP	0.30	00			023045.40
160K5	BD,16035	14642.04	00			023046.00
	BD,16035	14642.04	00			023046.40
160K6	BD,16090	21512.44	00			023047.00
	NOP	0.30	00			023047.40
160K7	%8□DD%BU,32,8□,3740				00000003740	023050.00
	NOP	0.30	00			023050.40
160K8	BD,16097	22072.04	00			023051.00
	NOP	0.30	00			023051.40
160K9	XW,-1.0,0,0	1.00	80	000000.00	00	023052.00
160K10	XW,1.0,1,0	1.00	00	000020.00	00	023053.00
160K11	XW,-3.0,63,0	3.00	80	001760.00	00	023054.00
160K12	BD,16010A	22371.44	00			023055.00
	BD,16010A	22371.44	00			023055.40
160K13	NOP	0.30	00			023056.00
	NOP	0.30	00			023056.40
160K14	XW,-0.1,0,0	0.01	80	000000.00	00	023057.00
160K15	XW,%8□-777777.60,0,0	777777.60	80	000000.00	00	023060.00
160K16	BD,16086A	21372.44	00			023061.00
	BD,16086A	21372.44	00			023061.40
160K17	BD,160107	22372.04	00			023062.00
	BD,160107	22372.04	00			023062.40
160AD1	NOP	0.30	00			023063.00
160AD2	NOP	0.30	00			023063.40
160AD3	NOP	0.30	00			023064.00
	NOP	0.30	00			023064.40
160XW1	XW,0,64,160IT	0.00	00	002000.46	81	023065.00
160XW2	XW,0,48,0	0.00	00	001400.00	00	023066.00
160XW3	XW,%8□101.0,0,0	101.00	00	000000.00	00	023067.00
160XW4	XW,0,63,160IT	0.00	00	001760.46	81	023070.00
160XW5	%8□DD%BU,32,8□,7102				00000007102	023071.00
	B,\$	23071.50	00			023071.40
160XW6	%8□DD%BU,32,8□,7302				00000007302	023072.00
	B,\$	23072.50	00			023072.40
160XW7	%8□DD%BU,32,8□,7502				00000007502	023073.00
	B,\$	23073.50	00			023073.40
160XW8	%8□DD%BU,32,8□,10102				00000010102	023074.00
	B,\$	23074.50	00			023074.40
160XW9	%8□DD%BU,32,8□,10302				00000010302	023075.00
	B,\$	23075.50	00			023075.40
USAWD	XW,0,1024,0	0.00	00	040000.00	00	023076.00
USALVE	LVE,\$X13,0	0.33	B0			023077.00
	LVE,\$X13,0	0.33	B0			023077.40
160INT	DR%BU,64,8□,65	101.00				023100.00
160IT	DR%BU,64,8□,64	100.00				023201.00
160DMP	XW,0.0,0,0	0.00	00	000000.00	00	023301.00
BOUND0	XW,0,0,0	0.00	00	000000.00	00	023302.00
BOUND1	XW,0,0,0	0.00	00	000000.00	00	023303.00

----1262---TEST EX AND EXIC.

-THIS TEST IS COMPOSED OF THREE BASIC
-TESTS WHICH CHECK THE ABOVE TWO
-INSTRUCTIONS AS FOLLOWS.

-TEST 1 CHECKS THE EXECUTION OF
-ALL CLASSES OF INSTRUCTIONS
-AND THAT ILLEGAL EXECUTES WILL
-SET THE CORRECT INDICATORS.

-TEST 2 CHECKS THE OPERATION OF
-THE EXIC INSTRUCTION. ILLEGAL
-COMBINATIONS ARE USED TO CHECK
-THAT THE CORRECT INDICATORS
-ARE SET.

-TEST 3 CHECKS THE ILLEGAL COMBINATIONS
-OF EX AND EXIC.

162	LX,\$X1,162ID	-UPDATE INDENT.	23307.02 10	023304.00
	SX,\$X1,DPET13		1437.03 10	023304.40
	SIC,RET		1306.40 80	023305.00
	B,1DF1	-PRINT ID.	1443.10 00	023305.40
	Z,1C262		24171.22 00	023306.00
	BD,1621		23310.04 00	023306.40
162 ID	%1QSZ=DD%BU,64,8=,1262	Z		023307.00

1621	LX,\$X1,162XW1	-TEST 1A, CHK EX CNTRL.	24326.02	10	023310.00
	LX,\$X2,162K1	-SETUP 8D INT TBL, AND INT ADR.	24172.04	10	023310.40
	SX,\$X2,162INT%\$X1		24220.05	11	023311.00
	CB+,\$X1,\$-.32		23311.03	48	023311.40
	SR,\$X1,\$1A		2.03	70	023312.00
	LVI,\$X1,1622	-CHECK THAT EX WILL NOT RELINQUISH	23314.03	01	023312.40
	SVA,\$X1,162ITE	-CONTROL.	24320.03	D0	023313.00
	EX,1623		23315.12	00	023313.40
1622	BD,1624		23316.44	00	023314.00
	CNOP		0.30	00	023314.40
1623	LX,\$X0,\$		23315.00	10	023315.00
	SIC,SEN	-EXECUTE RELINQUISHES CONTROL TO	1310.00	80	023315.40
	B,SERS	-SUBJECT INSTRUCTION.	1304.10	00	023316.00
1624	LX,\$X1,162EX	-CHECK SEVEN POSSIBILITIES OF	24322.02	10	023316.40
	SX,\$X1,162EXT	-EXECUTES IN 3 MEMORIES.	24321.03	10	023317.00
	Z,\$X1	-MAIN TO MAIN.	21.22	00	023317.40
	LVI,\$X2,1625		23321.45	01	023320.00
	SVA,\$X2,162ITE		24320.05	D0	023320.40
	EX,162EXT		24321.12	00	023321.00
1625	LX,\$X1,\$X1		21.02	10	023321.40
	BZXVZ,\$+2.00		23324.31	40	023322.00
	BZXCZ,\$+1.32		23324.30	40	023322.40
	SIC,SEN	-EX IN MAIN TO LX IN MAIN FAILS,LX	1310.00	80	023323.00
	B,SERS	-NOT EXECUTED.	1304.10	00	023323.40
	LX,\$X1,162EX	-MAIN TO IX.	24322.02	10	023324.00
	SX,\$X1,\$X3		23.03	10	023324.40
	Z,\$X1		21.22	00	023325.00
	LVI,\$X2,1626		23327.05	01	023325.40
	SVA,\$X2,162ITE		24320.05	D0	023326.00
	EX,\$X3		23.12	00	023326.40
1626	LX,\$X1,\$X1		21.02	10	023327.00
	BZXVZ,\$+2.00		23331.71	40	023327.40
	BZXCZ,\$+1.32		23331.70	40	023330.00
	SIC,SEN	-EX IN MAIN TO LX IN IX STG FAILS,	1310.00	80	023330.40
	B,SERS	-LX NOT EXECUTED.	1304.10	00	023331.00
	LX,\$X1,162EX	-MAIN TO INTERNAL.	24322.02	10	023331.40
	SX,\$X1,\$R		11.03	10	023332.00
	Z,\$X1		21.22	00	023332.40
	LVI,\$X2,1627		23334.45	01	023333.00
	SVA,\$X2,162ITE		24320.05	D0	023333.40
	EX,\$R		11.12	00	023334.00
1627	LX,\$X1,\$X1		21.02	10	023334.40
	BZXVZ,\$+2.00		23337.31	40	023335.00
	BZXCZ,\$+1.32		23337.30	40	023335.40
	SIC,SEN	-EX IN MAIN TO LX IN INT FAILS,	1310.00	80	023336.00
	B,SERS	-LX NOT EXECUTED.	1304.10	00	023336.40

	LX,\$X1,162EX	-MAIN TO IX TO MAIN.	24322.02	10	023337.00
	SX,\$X1,162EXT		24321.03	10	023337.40
	LX,\$X2,162K2		24173.04	10	023340.00
	LVI,\$X3,1628		23342.47	01	023340.40
	SVA,\$X3,162ITE		24320.07	D0	023341.00
	Z,\$X1		21.22	00	023341.40
	EX,\$X2		22.12	00	023342.00
1628	LX,\$X1,\$X1		21.02	10	023342.40
	BZXVZ,\$+2.0		23345.31	40	023343.00
	BZXCZ,\$+1.32		23345.30	40	023343.40
	SIC,SEN	-EX IN MAIN TO EX IN IX TO LX IN	1310.00	80	023344.00
	B,SERS	-MAIN, FAILS, LX NOT EXECUTED.	1304.10	00	023344.40
	LX,\$X1,162EX	-MAIN TO INTERNAL TO MAIN.	24322.02	10	023345.00
	SX,\$X1,162EXT		24321.03	10	023345.40
	LX,\$X2,162K2		24173.04	10	023346.00
	SX,\$X2,\$R		11.05	10	023346.40
	LVI,\$X3,1629		23351.07	01	023347.00
	SVA,\$X3,162ITE		24320.07	D0	023347.40
	Z,\$X1		21.22	00	023350.00
	EX,\$R		11.12	00	023350.40
1629	LX,\$X1,\$X1		21.02	10	023351.00
	BZXVZ,\$+2.0		23353.71	40	023351.40
	BZXCZ,\$+1.32		23353.70	40	023352.00
	SIC,SEN	-EX IN MAIN TO EX IN INT TO LX IN	1310.00	80	023352.40
	B,SERS	-MAIN FAILS, LX NOT EXECUTED.	1304.10	00	023353.00
	LX,\$X2,162K3	-MAIN TO IX TO IX.	24174.04	10	023353.40
	LX,\$X3,162EX		24322.06	10	023354.00
	LVI,\$X1,16210		23356.43	01	023354.40
	SVA,\$X1,162ITE		24320.03	D0	023355.00
	Z,\$X1		21.22	00	023355.40
	EX,\$X2		22.12	00	023356.00
16210	LX,\$X1,\$X1		21.02	10	023356.40
	BZXVZ,\$+2.0		23361.31	40	023357.00
	BZXCZ,\$+1.32		23361.30	40	023357.40
	SIC,SEN	-EX IN MAIN TO EX IN IX TO LX IN IX	1310.00	80	023360.00
	B,SERS	-FAILS, LX NOT EXECUTED.	1304.10	00	023360.40
	LX,\$X1,162K4	-MAIN TO INT TO INT.	24175.02	10	023361.00
	SX,\$X1,\$R		11.03	10	023361.40
	LX,\$X1,162EX		24322.02	10	023362.00
	SX,\$X1,\$L		10.03	10	023362.40
	LVI,\$X1,16211		23365.03	01	023363.00
	SVA,\$X1,162ITE		24320.03	D0	023363.40
	Z,\$X1		21.22	00	023364.00
	EX,\$R		11.12	00	023364.40
16211	LX,\$X1,\$X1		21.02	10	023365.00
	BZXVZ,\$+2.0		23367.71	40	023365.40
	BZXCZ,\$+1.32		23367.70	40	023366.00
	SIC,SEN	-EX IN MAIN TO EX IN INT TO LX IN	1310.00	80	023366.40
	B,SERS	-INT FAILS, LX NOT EXECUTED.	1304.10	00	023367.00
	B,\$+1.0		23370.50	00	023367.40
	BD,1621		23310.04	00	023370.00
	SIC,SENO+.32		1311.40	80	023370.40
	B,SSW	-TO SSIP	1301.10	00	023371.00
	BD,\$+.32		23372.04	00	023371.40
	LX,\$X13,1C262	-UPDATE CONTINUITY CHECK.	24171.32	10	023372.00
	V+,\$X13,BIT0		24522.32	B0	023372.40
	SX,\$X13,1C262		24171.33	10	023373.00

16212	Z,\$X1	-TEST IB, CHK EX OF EACH TYPE OF	21.22 00	023373.40
	LVI,\$X2,16213	-INSTRUCTION, DIR IX.	23377.45 01	023374.00
	SVA,\$X2,162ITE		24320.05 D0	023374.40
	LX,\$X2,162XW1		24326.04 10	023375.00
	SR,\$X2,\$1A		2.05 70	023375.40
	LX,\$X2,162EX		24322.04 10	023376.00
	SX,\$X2,162EXT		24321.05 10	023376.40
	EX,162EXT		24321.12 00	023377.00
16213	LX,\$X1,\$X1		21.02 10	023377.40
	BZXVZ,\$+2.0		23402.31 40	023400.00
	BZXCZ,\$+1.32		23402.30 40	023400.40
	SIC,SEN		1310.00 80	023401.00
	B,SERS	-UNABLE TO EX DIR IX INST.	1304.10 00	023401.40
	LV,\$X1,162EXT		24321.02 30	023402.00
	KV,\$X1,162EX		24322.02 90	023402.40
	SIC,SEN		1310.00 80	023403.00
	BZXE,SERS	-EX DESTROYED SUBJ INST.	1304.32 C0	023403.40
	Z,\$X1	-IMMED IX.	21.22 00	023404.00
	LVI,\$X2,16214		23407.05 01	023404.40
	SVA,\$X2,162ITE		24320.05 D0	023405.00
	LX,\$X2,162EXI		24332.04 10	023405.40
	SX,\$X2,162EXT		24321.05 10	023406.00
	EX,162EXT		24321.12 00	023406.40
16214	LX,\$X1,\$X1		21.02 10	023407.00
	BZXVZ,\$+2.0		23411.71 40	023407.40
	BZXCZ,\$+1.32		23411.70 40	023410.00
	SIC,SEN		1310.00 80	023410.40
	B,SERS	-UNABLE TO EX IMMED IX INSTR.	1304.10 00	023411.00
	KV,\$X2,162EXT		24321.04 90	023411.40
	SIC,SEN		1310.00 80	023412.00
	BZXE,SERS	-EX DESTROYED SUBJ INST.	1304.32 C0	023412.40
	LVI,\$X1,16215	-MISC.	23415.43 01	023413.00
	SVA,\$X1,162ITE		24320.03 D0	023413.40
	LX,\$X2,162EXM		24331.04 10	023414.00
	SX,\$X2,162EXT		24321.05 10	023414.40
	EX,162EXT		24321.12 00	023415.00
16215	LX,\$X1,\$X1		21.02 10	023415.40
	SIC,SEN		1310.00 80	023416.00
	BZXVZ,SERS	-UNABLE TO EX MISC INSTR.	1304.31 40	023416.40
	KV,\$X2,162EXT		24321.04 90	023417.00
	SIC,SEN		1310.00 80	023417.40
	BZXE,SERS	-EX DESTROYED SUBJ INSTR.	1304.32 C0	023420.00

	LVI,\$X1,16216	-FLT PT	23424.03	01		023420.40
	SVA,\$X1,1621TE		24320.03	D0		023421.00
	LX,\$X2,162EXF		24330.04	10		023421.40
	SX,\$X2,162EXT		24321.05	10		023422.00
	Z,\$R		11.22	00		023422.40
	Z,\$L		10.22	00		023423.00
16216	EX,162EXT		24321.12	00		023423.40
	L%BU□,\$L		10.00	80	000000.20 50	023424.00
	SIC,SEN		1310.00	80		023425.00
	BRZ,SERS	-UNABLE TO EX FP INST.	1304.34	C2		023425.40
	KV,\$X2,162EXT		24321.04	90		023426.00
	SIC,SEN		1310.00	80		023426.40
	BZXE,SERS	-EX DESTROYED SUBJ INST.	1304.32	C0		023427.00
	LVI,\$X1,16217	-FULL WD.	23433.03	01		023427.40
	SVA,\$X1,1621TE		24320.03	D0		023430.00
	LX,\$X2,162EXV		24327.04	10		023430.40
	SX,\$X2,162EXT		24321.05	10		023431.00
	Z,\$L		10.22	00		023431.40
	Z,\$R		11.22	00		023432.00
	EX,162EXT		24321.12	00		023432.40
16217	L%BU□,\$R		11.00	80	000000.20 50	023433.00
	SIC,SEN		1310.00	80		023434.00
	BRZ,SERS	-UNABLE TO EX FULL WD VFL INST.	1304.34	C2		023434.40
	KV,\$X2,162EXT		24321.04	90		023435.00
	SIC,SEN		1310.00	80		023435.40
	BZXE,SERS	-EX DESTROYS SUBJ INST.	1304.32	C0		023436.00
	B,\$+1.0		23437.50	00		023436.40
	BD,16212		23373.44	00		023437.00
	SIC,SEN0+.32		1311.40	80		023437.40
	B,\$SW	-TO SSIP	1301.10	00		023440.00
	BD,\$+.32		23441.04	00		023440.40
	LX,\$X13,1C262	-UPDATE CONTINUTTY CHECK.	24171.32	10		023441.00
	V+,\$X13,BIT1		24523.32	B0		023441.40
	SX,\$X13,1C262		24171.33	10		023442.00

16218	BD,\$+.32	-TEST IC, CHK MISC CNTRLS OF EX.	23443.04	00	023442.40
	SIC,160SX1	-TEST 1CA, ENABLE AFTER EX.	23041.00	80	023443.00
	BD,160S1		22741.04	00	023443.40
	Z,\$IND		13.22	00	023444.00
	LVI,\$X1,162INT		24220.03	01	023444.40
	SV,\$X1,\$IA		2.03	30	023445.00
	%8DD%BU,32,8,3740	-ILLEGAL OP CODE.			00000003740 023445.40
	LVI,\$X1,16219		23450.43	01	023446.00
	SVA,\$X1,162ITE		24320.03	D0	023446.40
	EX,\$-.32		23446.52	00	023447.00
	SIC,SEN	-NO INT TAKEN ON EX	1310.00	80	023447.40
	BD,SERS	-WHEN OP SET.	1304.04	00	023450.00
16219	LX,\$X1,BIT57	-TEST 1CB, CHK ADR MONITOR.	24613.02	10	023450.40
	SX,\$X1,3.0		3.03	10	023451.00
	LVI,\$X1,162EX		24322.03	01	023451.40
	SV,\$X1,\$UB		3.03	30	023452.00
	LVI,\$X1,16220		23456.43	01	023452.40
	SVA,\$X1,162ITE		24320.03	D0	023453.00
	Z,\$X1		21.22	00	023453.40
	TI,1,1000,\$MASK		24503.00	80	000014.02 A0 023454.00
	EX,162EXI		24332.12	00	023455.00
	SIC,SEN	-NO INT TAKEN WHEN EX INST	1310.00	80	023455.40
	B,SERS	-ABOVE UB.	1304.10	00	023456.00
16220	LX,\$X1,\$X1		21.02	10	023456.40
	SIC,SEN	-INSTRUCTION EXECUTED ABOVE UB WAS	1310.00	80	023457.00
	BZXVZ,SERS	-NOT NOPED.	1304.31	40	023457.40
	Z,3.0	-CLR BNDS REG.	3.22	00	023460.00
	SIC,160SX1	-TEST 1CC, CHK EX OF BRANCH AND EXE.	23041.00	80	023460.40
	BD,160S1		22741.04	00	023461.00
	LVI,\$X1,16222		23465.43	01	023461.40
	SVA,\$X1,162ITE		24320.03	D0	023462.00
	Z,\$IND		13.22	00	023462.40
	EX,162B1		24200.12	00	023463.00
	BD,16223		23466.44	00	023463.40
16221	SIC,SEN	-EX RELINQUISHED CONTROL	1310.00	80	023464.00
	B,SERS	-TO BIND INSTRUCTION.	1304.10	00	023464.40
	BD,16223		23466.44	00	023465.00
16222	SIC,SEN	-EX A COND NOT MET BIND,	1310.00	80	023465.40
	B,SERS	-INTERRUPTED ON ABOVE.	1304.10	00	023466.00
16223	LVI,\$X1,16225		23474.43	01	023466.40
	SVA,\$X1,162ITE		24320.03	D0	023467.00
	SIC,160SX1	-CLR IND 0-19.	23041.00	80	023467.40
	BD,160S1		22741.04	00	023470.00
	Z,\$IND		13.22	00	023470.40
	LX,\$X1,100Z		24502.02	10	023471.00
	EX,162B2		24201.12	00	023471.40
	SIC,SEN	-NO INTERRUPT WHEN EX A COND	1310.00	80	023472.00
	B,SERS	-MET BIND INSTR.	1304.10	00	023472.40
	BD,16225		23474.44	00	023473.00
16224	SIC,SEN	-NO INT WHEN EX COND MET BIND,	1310.00	80	023473.40
	B,SERS	-INSTR NOT NOPED, DID BRANCH.	1304.10	00	023474.00

16225	LX,\$X1,162XW1	-DO BE AND BD.	24326.02	10		023474.40
	LX,\$X2,162K6		24177.04	10		023475.00
	SX,\$X2,162INT%\$X1		24220.05	11		023475.40
	CB+,\$X1,\$-.32		23475.43	48		023476.00
	BD,\$+.32		23477.04	00		023476.40
	LVI,\$X1,16227		23505.03	01		023477.00
	SVA,\$X1,162ITE+.32		24320.43	D0		023477.40
	SIC,160SX1		23041.00	80		023500.00
	BD,160S1		22741.04	00		023500.40
	Z,\$IND		13.22	00		023501.00
	Z,\$MASK		14.22	00		023501.40
	EX,162B3		24202.12	00		023502.00
	SIC,SEN	-NO INT TAKEN WHEN BE	1310.00	80		023502.40
	B,SERS	-INSTR EXECUTED, BRANCH NOT EXECUTED.	1304.10	00		023503.00
	BD,16227		23505.04	00		023503.40
16226	SIC,SEN	-NO INT TAKEN WHEN BE INSTR	1310.00	80		023504.00
	B,SERS	-EXECUTED, BRANCH EXECUTED.	1304.10	00		023504.40
16227	LVI,\$X1,16228		23507.03	01		023505.00
	SVA,\$X1,162ITE+.32		24320.43	D0		023505.40
	%8DD%BU,32,8,3740	-ILLEGAL OP CODE.			00000003740	023506.00
	BD,16229		23510.04	00		023506.40
16228	SIC,SEN	-SYSTEM ENABLED AFTER EX OF	1310.00	80		023507.00
	BD,SERS	-A BE INSTRUCTION.	1304.04	00		023507.40
16229	LX,\$X1,162XW1	-SETUP B,162ITE+.32 INT TABLE	24326.02	10		023510.00
	LVI,\$X1,16232		23517.43	01		023510.40
	SVA,\$X1,162ITE+.32		24320.43	D0		023511.00
	SIC,160SX1		23041.00	80		023511.40
	B,160S1		22741.10	00		023512.00
	Z,\$IND		13.22	00		023512.40
	Z,\$MASK		14.22	00		023513.00
	Z,3.0		3.22	00		023513.40
	BE,\$+.32		23514.40	00		023514.00
	EX,162B4		24203.12	00		023514.40
16230	SIC,SEN	-NO INT TAKEN WHEN BD INSTR	1310.00	80		023515.00
	B,SERS	-EXECUTED, BRANCH NOT EXECUTED.	1304.10	00		023515.40
	B,16232		23517.50	00		023516.00
16231	SIC,SEN	-NO INT TAKEN WHEN BD INSTR	1310.00	80		023516.40
	B,SERS	-EXECUTED, BRANCH EXECUTED.	1304.10	00		023517.00
16232	LVI,\$X1,16233		23522.03	01		023517.40
	SVA,\$X1,162ITE+.32		24320.43	D0		023520.00
	%8DD%BU,32,8,3740	-ILLEGAL OP CODE.			00000003740	023520.40
	SIC,SEN	-SYSTEM DISABLED AFTER EX OF	1310.00	80		023521.00
	BD,SERS	-A BD INSTRUCTION.	1304.04	00		023521.40
16233	LX,\$X1,162XW1	-DO BB, SETUP BD INT TBL.	24326.02	10		023522.00
	LX,\$X2,162K1		24172.04	10		023522.40
	SX,\$X2,162INT%\$X1		24220.05	11		023523.00
	CB+,\$X1,\$-.32		23523.03	48		023523.40

	LX,\$X0,BIT0		24522.00	10		023524.00
	BB,\$X0,\$+2.32		20.00	80	023527.34 02	023524.40
	SIC,SEN	-BB BIT 0 FAILS, UNABLE TO EX SAME.	1310.00	80		023525.40
	B,SERS	-TERM THIS TEST.	1304.10	00		023526.00
	B,16240		23545.50	00		023526.40
	BB,\$X0+.01,\$+1.32		20.01	80	023530.74 02	023527.00
	BD,\$+2.0		23532.04	00		023530.00
	SIC,SEN	-BB,BIT 1 IS 0, FAILS, UNABLE	1310.00	80		023530.40
	B,SERS	-TO EXECUTE SAME, TERM THIS TEST.	1304.10	00		023531.00
	B,16240		23545.50	00		023531.40
	LVI,\$X1,16236		23537.43	01		023532.00
	SVA,\$X1,1621TE		24320.03	D0		023532.40
	EX,162B5		24204.12	00		023533.00
	SIC,SEN	-NO INT WHEN EX BB,COND	1310.00	80		023533.40
	B,SERS	-FOR BRANCH MET, BRANCH NOT TAKEN.	1304.10	00		023534.00
	B,16236		23537.50	00		023534.40
16234	SIC,SEN	-NO INT WHEN EX BB, COND FOR	1310.00	80		023535.00
	B,SERS	-BRANCH MET, BRANCH TAKEN.	1304.10	00		023535.40
	B,16236		23537.50	00		023536.00
16235	SIC,SEN	-NO INT WHEN EX BB, COND FOR BRANCH	1310.00	80		023536.40
	B,SERS	-MET, NO BRANCH, CONTROL GIVEN TO NEXT	1304.10	00		023537.00
		-INSTRUCT FOLLOWING BRANCH.				
16236	LVI,\$X1,16237		23541.43	01		023537.40
	SVA,\$X1,1621TE		24320.03	D0		023540.00
	EX,162B6		24205.52	00		023540.40
	B,16240		23545.50	00		023541.00
16237	SIC,SEN	-INT TAKEN WHEN EX BB, COND FOR	1310.00	80		023541.40
	B,SERS	-BRANCH NOT MET, NO BRANCH.	1304.10	00		023542.00
	B,16240		23545.50	00		023542.40
16238	SIC,SEN	-NO INT TAKEN WHEN EX BB, COND FOR	1310.00	80		023543.00
	B,SERS	-BRANCH NOT MET, BRANCH TAKEN.	1304.10	00		023543.40
	B,16240		23545.50	00		023544.00
16239	SIC,SEN	-NO INT TAKEN WHEN EX BB,COND FOR	1310.00	80		023544.40
	B,SERS	-BRANCH NOT MET, NO BRANCH, CONTROL	1304.10	00		023545.00
		-GIVEN TO INSTR AFTER BB.				
16240	B,\$+1.0		23546.50	00		023545.40
	BD,16218		23442.44	00		023546.00
	SIC,SEN0+.32		1311.40	80		023546.40
	B,SSW	-TO SSIP.	1301.10	00		023547.00
	BD,\$+.32		23550.04	00		023547.40
	LX,\$X13,1C262	-UPDATE CONTINUITY CHECK.	24171.32	10		023550.00
	V+,\$X13,BIT2		24524.32	B0		023550.40
	SX,\$X13,1C262		24171.33	10		023551.00

16241	LX,\$X1,USAWD	-TEST ID, CHK EXE AND USA INDS.	23076.02	10	023551.40
	LX,\$X2,162K4		24175.04	10	023552.00
	LVI,\$X3,16084A+.32		17245.47	01	023552.40
16242	SX,\$X2,16084A%\$X1		17245.05	11	023553.00
	SVA,\$X3,16084A%\$X1		17245.07	D1	023553.40
	V+I,\$X3,%80.40		0.47	05	023554.00
	SVA,\$X3,16084A+.32%\$X1		17245.47	D1	023554.40
	V+I,\$X3,%80.40		0.47	05	023555.00
	CB+,\$X1,16242		23553.03	48	023555.40
	LVI,\$X1,16243		23563.43	01	023556.00
	SVA,\$X1,16084B		21245.03	D0	023556.40
	LVI,\$X1,162INT		24220.03	01	023557.00
	SV,\$X1,\$IA		2.03	30	023557.40
	SIC,160SX1		23041.00	80	023560.00
	B,16051		22741.10	00	023560.40
	Z,\$IND		13.22	00	023561.00
	Z,\$MASK		14.22	00	023561.40
	LVI,\$X1,16245		23566.43	01	023562.00
	SVA,\$X1,162ITE		24320.03	D0	023562.40
	EX,16084A		17245.12	00	023563.00
16243	BUSA,16244		23565.50	C2	023563.40
	SIC,SEN	-2049 SUCCESSIVE EXECUTES FAIL TO SET	1310.00	80	023564.00
	BD,SERS	-USA AND FAIL TO CAUSE INTERRUPT.	1304.04	00	023564.40
	B,\$+1.32		23566.50	00	023565.00
16244	SIC,SEN	-2049 SUCCESSIVE EXECUTES FAIL TO COUSE	1310.00	80	023565.40
	B,SERS	-INT BUT DO SET USA.	1304.10	00	023566.00
16245	LVI,\$X1,16246		23571.03	01	023566.40
	SVA,\$X1,162ITE		24320.03	D0	023567.00
	BD,\$+.32		23570.04	00	023567.40
	%80DD%BU,32,80,3740	-ILLEGAL OP CODE,			00000003740 023570.00
	EX,162B7		24207.12	00	023570.40
16246	BEXEZ,\$+1.32		23572.51	46	023571.00
	SIC,SEN	-EX OF A BD FAILS	1310.00	80	023571.40
	B,SERS	-TO SET EXE IND.	1304.10	00	023572.00
	B,\$+1.0		23573.50	00	023572.40
	BD,16241		23551.44	00	023573.00
	SIC,SEN0+.32		1311.40	80	023573.40
	B,SSW	-TO SSIP	1301.10	00	023574.00
	BD,\$+.32		23575.04	00	023574.40
	LX,\$X13,IC262	-UPDATE CONTINUITY CHECK.	24171.32	10	023575.00
	V+,\$X13,BIT3		24525.32	B0	023575.40
	SX,\$X13,IC262		24171.33	10	023576.00

16247	LVI,\$X1,162INT SVA,\$X1,\$IA	-TEST 2A, CHECK THAT EXIC WILL NOT -RELINQUISH CONTROL, AND THE TWO	24220.03 01 2.03 D0	023576.40 023577.00
	LVI,\$X1,16248 SVA,\$X1,162ITE	-POSSIBLE MEMORY COMBINATIONS.	23606.43 01 24320.03 D0	023577.40 023600.00
	SIC,160SX1 B,160S1		23041.00 80 22741.10 00	023600.40 023601.00
	LVI,\$X1,162SUB SVA,\$X1,162PSI		24324.03 01 24323.03 D0	023601.40 023602.00
	LVI,\$X1,16249 SVA,\$X1,162BR1		23610.03 01 24323.43 D0	023602.40 023603.00
	LVI,\$X1,16250 SVA,\$X1,162BR2		23611.43 01 24325.03 D0	023603.40 023604.00
	LX,\$X1,162EXV SX,\$X1,162SUB		24327.02 10 24324.03 10	023604.40 023605.00
	EXIC,162PSI BD,16251	-PSIC IS PSEUDO IC.	24323.16 00 23612.44 00	023605.40 023606.00
16248	SIC,SEN BD,SERS BD,16251	-INT ON EXIC TO PSIC IN MAIN TO -VFL LOAD IN MAIN.	1310.00 80 1304.04 00 23612.44 00	023606.40 023607.00 023607.40
16249	SIC,SEN BD,SERS BD,16251	-EXIC RELINQUISHES CONTROL TO INSTRUCT -FOLLOWING PSEUDO IC.	1310.00 80 1304.04 00 23612.44 00	023610.00 023610.40 023611.00
16250	SIC,SEN BD,SERS	-EXIC RELINQUISHES CONTROL TO INSTRUCT -FOLLOWING INSTRUCT ADDRESSED BY PSIC.	1310.00 80 1304.04 00	023611.40 023612.00
16251	LVI,\$X1,16252 SVA,\$X1,162ITE	-TEST MEMORY COMBOS. -EXIC IN MAIN.	23624.03 01 24320.03 D0	023612.40 023613.00
	LVI,\$X1,162SUB SVA,\$X1,162PSI	-PSIC IN MAIN. -SUBJ IN MAIN.	24324.03 01 24323.03 D0	023613.40 023614.00
	Z,\$X0 LVI,\$X1,16253		20.22 00 23625.43 01	023614.40 023615.00
	SVA,\$X1,162BR1 LX,\$X1,162EXV		24323.43 D0 24327.02 10	023615.40 023616.00
	SX,\$X1,162SUB LVI,\$X1,16254		24324.03 10 23627.03 01	023616.40 023617.00
	SVA,\$X1,162BR2 SIC,160SX1		24325.03 D0 23041.00 80	023617.40 023620.00
	BD,160S1 Z,\$IND		22741.04 00 13.22 00	023620.40 023621.00
	Z,\$MASK Z,\$R		14.22 00 11.22 00	023621.40 023622.00
	Z,\$L EXIC,162PSI		10.22 00 24323.16 00	023622.40 023623.00
	BD,16255		23630.04 00	023623.40
16252	SIC,SEN BD,SERS BD,16255	-INT ON EXIC TO PSIC ON MAIN TO -VFL LOAD IN MAIN.	1310.00 80 1304.04 00 23630.04 00	023624.00 023624.40 023625.00
16253	SIC,SEN BD,SERS BD,16255	-EXIC RELINQUISHES CONTROL TO INSTRUCT -FOLLOWING PSEUDO IC.	1310.00 80 1304.04 00 23630.04 00	023625.40 023626.00 023626.40

16254	SIC,SEN BD,SERS	-EXIC RELINQUISHES CONTROL TO INSTRUCT -FOLLOWING INSTRUCT ADDRESSED BY PSIC.	1310.00 80 1304.04 00		023627.00 023627.40
16255	L%BU□,\$R SIC,SEN BRZ,SERS	-EXIC SUBJ INST NOT EXECUTED.	11.00 80 1310.00 80 1304.34 C2	000000.20 50	023630.00 023631.00 023631.40
	LX,\$X14,162EXV LX,\$X15,162SUB KV,\$X14,\$X15 SIC,SEN BZXE,SERS	-BITS 0-24 OF SUBJ INST CHNGD.	24327.34 10 24324.36 10 37.34 90 1310.00 80 1304.32 C0		023632.00 023632.40 023633.00 023633.40 023634.00
	SC,\$X15,\$X15 SC,\$X14,\$X14 KV,\$X14,\$X15 SIC,SEN BZXE,SERS	-BITS 28-45 OF SUBJ INST CHNGD.	37.37 50 36.35 50 37.34 90 1310.00 80 1304.32 C0		023634.40 023635.00 023635.40 023636.00 023636.40
	SR,\$X15,\$X15 SR,\$X14,\$X14 KV,\$X14,\$X15 SIC,SEN BZXE,SERS	-BITS 46-63 OF SUBJ INST CHNGD.	37.37 70 36.35 70 37.34 90 1310.00 80 1304.32 C0		023637.00 023637.40 023640.00 023640.40 023641.00
	L%BU□,\$X0 SIC,SEN BZRZ,SERS	-INST AT PSIC WAS EXECUTED.	20.00 80 1310.00 80 1304.34 C0	000000.20 50	023641.40 023642.40 023643.00
	LX,\$X1,162PSI KVI,\$X1,162SUB SIC,SEN BXE,SERS	-PSEUDO IC UNCHANGED BY EXIC.	24323.02 10 24324.03 04 1310.00 80 1304.32 C2		023643.40 023644.00 023644.40 023645.00
	LVI,\$X1,16256 SVA,\$X1,162ITE LVI,\$X1,162SUB SVA,\$X1,162PSI Z,\$X0 LVI,\$X1,16257 SVA,\$X1,162BRI LX,\$X1,162EXV SX,\$X1,162SUB LVI,\$X1,16258 SVA,\$X1,162BR2 SIC,160SX1 B,160SI LX,\$X2,162PSI Z,\$IND Z,\$MASK Z,\$R Z,\$L EXIC,\$X2 BD,16259	-EXIC IN MAIN. -PSIC IN IX STG. -SUBJ IN MAIN.	23657.43 01 24320.03 D0 24324.03 01 24323.03 D0 20.22 00 23661.03 01 24323.43 D0 24327.02 10 24324.03 10 23662.43 01 24325.03 D0 23041.00 80 22741.10 00 24323.04 10 13.22 00 14.22 00 11.22 00 10.22 00 22.16 00 23663.44 00		023645.40 023646.00 023646.40 023647.00 023647.40 023650.00 023650.40 023651.00 023651.40 023652.00 023652.40 023653.00 023653.40 023654.00 023654.40 023655.00 023655.40 023656.00 023656.40 023657.00
16256	SIC,SEN BD,SERS BD,16259	-INT ON EXIC TO PSIC IN IX STG -TO VFL LOAD IN MAIN.	1310.00 80 1304.04 00 23663.44 00		023657.40 023660.00 023660.40

16257	SIC,SEN BD,SERS BD,16259	-EXIC RELINQUISHES CONTROL TO INSTRUCT -FOLLOWING PSEUDO IC.	1310.00 80 1304.04 00 23663.44 00	023661.00 023661.40 023662.00
16258	SIC,SEN BD,SERS	-EXIC RELINQUISHES CONTROL TO INSTRUCT -FOLLOWING INSTRUCT ADDRESSED BY PSIC.	1310.00 80 1304.04 00	023662.40 023663.00
16259	L%BUH,\$R SIC,SEN BRZ,SERS	-EXIC SUBJ INST NOT EXECUTED.	11.00 80 000000.20 50 1310.00 80 1304.34 C2	023663.40 023664.40 023665.00
	LX,\$X14,162EXV LX,\$X15,162SUB KV,\$X14,\$X15 SIC,SEN BZXE,SERS	-BITS 0-24 OF SUBJ INST CHNGD.	24327.34 10 24324.36 10 37.34 90 1310.00 80 1304.32 C0	023665.40 023666.00 023666.40 023667.00 023667.40
	SC,\$X14,\$X14 SC,\$X15,\$X15 KV,\$X14,\$X15 SIC,SEN BZXE,SERS	-BITS 28-45 OF SUBJ INST CHNGD.	36.35 50 37.37 50 37.34 90 1310.00 80 1304.32 C0	023670.00 023670.40 023671.00 023671.40 023672.00
	SR,\$X14,\$X14 SR,\$X15,\$X15 KV,\$X14,\$X15 SIC,SEN BZXE,SERS	-BITS 46-63 OF SUBJ INST CHNGD.	36.35 70 37.37 70 37.34 90 1310.00 80 1304.32 C0	023672.40 023673.00 023673.40 023674.00 023674.40
	L%BUH,\$X0 SIC,SEN BZRZ,SERS	-INST AT PSIC WAS EXECUTED.	20.00 80 000000.20 50 1310.00 80 1304.34 C0	023675.00 023676.00 023676.40
	LX,\$X1,\$X2 KVI,\$X1,162SUB SIC,SEN BXE,SERS	-PSEUDO IC UNCHANGED BY EXIC.	22.02 10 24324.03 04 1310.00 80 1304.32 C2	023677.00 023677.40 023700.00 023700.40
	B,\$+1.0 BD,16247 SIC,SEN0+.32 B,\$SSW BD,\$+.32	-TO SSIP.	23702.10 00 23576.44 00 1311.40 80 1301.10 00 23703.44 00	023701.00 023701.40 023702.00 023702.40 023703.00
	LX,\$X13,IC262 V+,\$X13,BIT4 SX,\$X13,IC262	-UPDATE CONTINUITY CHECK.	24171.32 10 24526.32 80 24171.33 10	023703.40 023704.00 023704.40

16260	LVI,\$X1,162INT	-TEST 2B, CHK EXIC OF NON BRANCH	24220.03	01	023705.00
	SV,\$X1,\$IA	-CLASS INSTRUCTIONS, DIR IX.	2.03	30	023705.40
	LVI,\$X1,16261		23716.03	01	023706.00
	SVA,\$X1,162ITE		24320.03	D0	023706.40
	LVI,\$X1,16262		23717.03	01	023707.00
	SVA,\$X1,162BR1		24323.43	D0	023707.40
	SVA,\$X1,162BR2		24325.03	D0	023710.00
	LVI,\$X1,162SUB		24324.03	01	023710.40
	SVA,\$X1,162PSI		24323.03	D0	023711.00
	LX,\$X1,162EX		24322.02	10	023711.40
	SX,\$X1,162SUB		24324.03	10	023712.00
	SIC,160SX1		23041.00	80	023712.40
	B,160SI		22741.10	00	023713.00
	Z,\$IND		13.22	00	023713.40
	Z,\$MASK		14.22	00	023714.00
	Z,\$X1		21.22	00	023714.40
	EXIC,162PSI		24323.16	00	023715.00
	BD,16262		23717.04	00	023715.40
16261	SIC,SEN	-INT WHEN EXIC TO	1310.00	80	023716.00
	B,SERS	-A DIR IX INSTR.	1304.10	00	023716.40
16262	LX,\$X1,\$X1		21.02	10	023717.00
	SIC,SEN	-DIR IX WAS SUBJ INST.	1310.00	80	023717.40
	BXVZ,SERS	-SUBJ INST OF EXIC NOT EXECUTED.	1304.31	42	023720.00
	LVI,\$X1,162SUB+.32		24324.43	01	023720.40
	KV,\$X1,162PSI		24323.02	90	023721.00
	SIC,SEN	-PSEUDO IC NOT STEPPED .32 CORRECTLY	1310.00	80	023721.40
	BZXE,SERS	-WHEN SUBJ INST WAS DIR IX.	1304.32	C0	023722.00
	LVI,\$X1,16263	-IMMED IX.	23730.43	01	023722.40
	SVA,\$X1,162ITE		24320.03	D0	023723.00
	LVI,\$X1,162SUB		24324.03	01	023723.40
	SVA,\$X1,162PSI		24323.03	D0	023724.00
	LX,\$X1,162EXI		24332.02	10	023724.40
	SX,\$X1,162SUB		24324.03	10	023725.00
	Z,\$IND		13.22	00	023725.40
	Z,\$MASK		14.22	00	023726.00
	Z,\$X1		21.22	00	023726.40
12	LV,\$X2,162PSI		24323.04	30	023727.00
11	EXIC,162PSI		24323.16	00	023727.40
	BD,16264		23731.44	00	023730.00
10	16263	SIC,SEN	1310.00	80	023730.40
9		B,SERS	1304.10	00	023731.00
8	16264	LX,\$X1,\$X1	21.02	10	023731.40
		SIC,SEN	1310.00	80	023732.00
7		BXVZ,SERS	1304.31	42	023732.40
6		V+1,\$X2,0.32	0.45	05	023733.00
		KV,\$X2,162PSI	24323.04	90	023733.40
5		SIC,SEN	1310.00	80	023734.00
		BZXE,SERS	1304.32	C0	023734.40
4		LVI,\$X1,16265	23742.43	01	023735.00
3		SVA,\$X1,162ITE	24320.03	D0	023735.40
		LVI,\$X1,162SUB	24324.03	01	023736.00
		SVA,\$X1,162PSI	24323.03	D0	023736.40
2		LX,\$X1,162EXM	24331.02	10	023737.00
		SX,\$X1,162SUB	24324.03	10	023737.40

Z,\$IND
Z,\$MASK
LV,\$X2,I62PSI
EXIC,I62PSI
BD,I6266

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14.22 00
24323.04 30
24323.16 00
23743.44 00

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023741.00
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16265	SIC,SEN B,SERS	-INT WHEN EXIC TO -A MISC INSTRUCT.	1310.00 80 1304.10 00	023742.40 023743.00
16266	LX,\$X1,\$X1 SIC,SEN BZXVZ,SERS	-SUBJ INST WAS MISC -AND WAS NOT EXECUTED.	21.02 10 1310.00 80 1304.31 40	023743.40 023744.00 023744.40
	V+I,\$X2,0.32 KV,\$X2,162PSI SIC,SEN BZXE,SERS	-PSEUDO IC NOT STEPPED .32 CORRECTLY -WHEN SUBJ INST WAS IMMED IX.	0.45 05 24323.04 90 1310.00 80 1304.32 C0	023745.00 023745.40 023746.00 023746.40
	LVI,\$X1,16267 SVA,\$X1,162ITE LVI,\$X1,162SUB SVA,\$X1,162PSI LX,\$X1,162EXF SX,\$X1,162SUB Z,\$IND Z,\$MASK LV,\$X2,162PSI Z,\$L Z,\$R EXIC,162PSI BD,16268	-FLT PT.	23755.43 01 24320.03 D0 24324.03 01 24323.03 D0 24330.02 10 24324.03 10 13.22 00 14.22 00 24323.04 30 10.22 00 11.22 00 24323.16 00 23756.44 00	023747.00 023747.40 023750.00 023750.40 023751.00 023751.40 023752.00 023752.40 023753.00 023753.40 023754.00 023754.40 023755.00
16267	SIC,SEN B,SERS	-INT WHEN EXIC TO -A FLT PT INSTRUCT.	1310.00 80 1304.10 00	023755.40 023756.00
16268	LX,\$X1,\$L SIC,SEN BXVZ,SERS	-SUBJ INST WAS FLT PT -AND WAS NOT EXECUTED.	10.02 10 1310.00 80 1304.31 42	023756.40 023757.00 023757.40
	V+I,\$X2,0.32 KV,\$X2,162PSI SIC,SEN BZXE,SERS	-PSEUDO IC NOT STEPPED .32 CORRECTLY -WHEN SUBJ INST WAS IMMED IX.	0.45 05 24323.04 90 1310.00 80 1304.32 C0	023760.00 023760.40 023761.00 023761.40
	LVI,\$X1,16269 SVA,\$X1,162ITE LVI,\$X1,162SUB SVA,\$X1,162PSI LX,\$X1,162EXV SX,\$X1,162SUB Z,\$IND Z,\$MASK LV,\$X2,162PSI Z,\$R EXIC,162PSI BD,16270	-FULL WD VFL.	23770.03 01 24320.03 D0 24324.03 01 24323.03 D0 24327.02 10 24324.03 10 13.22 00 14.22 00 24323.04 30 11.22 00 24323.16 00 23771.04 00	023762.00 023762.40 023763.00 023763.40 023764.00 023764.40 023765.00 023765.40 023766.00 023766.40 023767.00 023767.40

16269	SIC,SEN B,SERS	-INT WHEN EXIC TO A -FULL WD VFL INSTR.	1310.00 80 1304.10 00	023770.00 023770.40
16270	LX,\$X1,\$R SIC,SEN BXVZ,SERS	-SUBJ INST WAS FLT PT -AND WAS NOT EXECUTED.	11.02 10 1310.00 80 1304.31 42	023771.00 023771.40 023772.00
	V+I,\$X2,1.0 KV,\$X2,162PST SIC,SEN BZXE,SERS	-PSEUDO IC NOT STEPPED 1.0 CORRECTLY -WHEN SUBJ INST WAS VFL FULL WD.	1.05 05 24323.04 90 1310.00 80 1304.32 C0	023772.40 023773.00 023773.40 023774.00
	B,\$+1.0 BD,16260 SIC,SEN0+.32 B,SSW BD,\$+.32	-TO SSIP.	23775.50 00 23705.04 00 1311.40 80 1301.10 00 23777.04 00	023774.40 023775.00 023775.40 023776.00 023776.40
	LX,\$X13,IC262 V+,\$X13,BIT5 SX,\$X13,IC262	-UPDATE CONTINUITY CHECK.	24171.32 10 24527.32 80 24171.33 10	023777.00 023777.40 024000.00

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16271	BD,\$+.32	-TEST 2C, CHK MISC CNTRLS OF EXIC.	24001.04 00		024000.40
	SIC,160SX1	-TEST 2CA, ENABLE AFTER EXIC.	23041.00 80		024001.00
	BD,160S1		22741.04 00		024001.40
	LVI,\$X1,162INT		24220.03 01		024002.00
	SV,\$X1,\$1A		2.03 30		024002.40
	%8DD%BU,32,8,3740	-ILLEGAL OP CODE.		00000003740	024003.00
	LVI,\$X1,16272		24010.03 01		024003.40
	SVA,\$X1,162ITE		24320.03 D0		024004.00
	LVI,\$X1,162SUB		24324.03 01		024004.40
	SVA,\$X1,162PSI		24323.03 D0		024005.00
	LX,\$X1,162EXI		24332.02 10		024005.40
	SX,\$X1,162SUB		24324.03 10		024006.00
	EXIC,162PSI		24323.16 00		024006.40
	SIC,SEN	-NO INT TAKEN ON EXIC	1310.00 80		024007.00
	BD,SERS	-WHEN OP WAS SET.	1304.04 00		024007.40
16272	LVI,\$X1,162SUB	-TEST ICB, CHK ADR MONITOR.	24324.03 01		024010.00
	SVA,\$X1,162PSI		24323.03 D0		024010.40
	LX,\$X1,BIT57		24613.02 10		024011.00
	SX,\$X1,3.0		3.03 10		024011.40
	LVI,\$X1,162PSI-1.0		24322.03 01		024012.00
	SV,\$X1,\$UB		3.03 30		024012.40
	LVI,\$X1,16273		24017.03 01		024013.00
	SVA,\$X1,162ITE		24320.03 D0		024013.40
	Z,\$X1		21.22 00		024014.00
	TI,1,1000,\$MASK		24503.00 80	000014.02 A0	024014.40
	EXIC,162PSI		24323.16 00		024015.40
	SIC,SEN	-NO INT TAKEN WHEN	1310.00 80		024016.00
	B,SERS	-EXIC INSTRUCT ABOVE UB.	1304.10 00		024016.40
16273	LX,\$X1,\$X1		21.02 10		024017.00
	SIC,SEN	-EXIC INSTRUCT ABOVE UB	1310.00 80		024017.40
	BZXVZ,SERS	-WAS NOT NOPED.	1304.31 40		024020.00
	SIC,160SX1	-TEST ICC, CHK EXIC OF BRANCH AND EXE.	23041.00 80		024020.40
	B,160S1		22741.10 00		024021.00
	LVI,\$X1,16275		24026.43 01		024021.40
	SVA,\$X1,162ITE		24320.03 D0		024022.00
	LVI,\$X1,162B10		24210.03 01		024022.40
	SVA,\$X1,162PSI		24323.03 D0		024023.00
	Z,\$IND		13.22 00		024023.40
	EXIC,162PSI		24323.16 00		024024.00
	BD,16276		24027.44 00		024024.40
16274	SIC,SEN	-EXIC RELINQUISHES CONTROL	1310.00 80		024025.00
	B,SERS	-TO BIND INSTRUCTION.	1304.10 00		024025.40
	BD,16276		24027.44 00		024026.00
16275	SIC,SEN	-EXIC A COND NOT MET BIND,	1310.00 80		024026.40
	B,SERS	-INTERRUPTED ON ABOVE.	1304.10 00		024027.00

16276	LVI,\$X1,16278		24035.03	01		024027.40
	SVA,\$X1,162ITE		24320.03	D0		024030.00
	LVI,\$X1,162B11		24211.03	01		024030.40
	SVA,\$X1,162PSI		24323.03	D0		024031.00
	LX,\$X1,100Z		24502.02	10		024031.40
	EXIC,162PSI		24323.16	00		024032.00
	SIC,SEN	-NO INT TAKEN WHEN EXIC A	1310.00	80		024032.40
	BD,SERS	-COND MET BIND INSTR.	1304.04	00		024033.00
	BD,16278		24035.04	00		024033.40
16277	SIC,SEN	-NO INT WHEN EXIC COND MET BIND,	1310.00	80		024034.00
	B,SERS	-INSTR NOT NOPED, DID BRANCH.	1304.10	00		024034.40
16278	LX,\$X1,162XW1	-DO BE AND BD.	24326.02	10		024035.00
	LX,\$X2,162K6		24177.04	10		024035.40
	SX,\$X2,162INT%\$X1		24220.05	11		024036.00
	CB+,\$X1,\$-.32		24036.03	48		024036.40
	BD,\$+.32		24037.44	00		024037.00
	LVI,\$X1,16280		24046.43	01		024037.40
	SVA,\$X1,162ITE+.32		24320.43	D0		024040.00
	SIC,160SX1		23041.00	80		024040.40
	B,160S1		22741.10	00		024041.00
	LVI,\$X1,162B12		24212.03	01		024041.40
	SVA,\$X1,162PSI		24323.03	D0		024042.00
	Z,\$IND		13.22	00		024042.40
	Z,\$MASK		14.22	00		024043.00
	EXIC,162PSI		24323.16	00		024043.40
	SIC,SEN	-NO INT TAKEN WHEN EXIC A BE	1310.00	80		024044.00
	B,SERS	-INSTR, BRANCH NOT EXECUTED.	1304.10	00		024044.40
	BD,16280		24046.44	00		024045.00
16279	SIC,SEN	-NO INT TAKEN WHEN EXIC A BE	1310.00	80		024045.40
	B,SERS	-INSTR, BRANCH WAS EXECUTED.	1304.10	00		024046.00
16280	LVI,\$X1,16281		24050.43	01		024046.40
	SVA,\$X1,162ITE+.32		24320.43	D0		024047.00
	%8DD%BU,32,8H,3740				00000003740	024047.40
	BD,16282		24051.44	00		024050.00
16281	SIC,SEN	-SYSTEM ENABLED AFTER EXIC	1310.00	80		024050.40
	BD,SERS	-A BE INSTRUCTION.	1304.04	00		024051.00
16282	LVI,\$X1,16285		24061.43	01		024051.40
	SVA,\$X1,162ITE+.32		24320.43	D0		024052.00
	SIC,160SX1		23041.00	80		024052.40
	B,160S1		22741.10	00		024053.00
	LVI,\$X1,162B13		24213.03	01		024053.40
	SVA,\$X1,162PSI		24323.03	D0		024054.00
	Z,\$IND		13.22	00		024054.40
	Z,\$MASK		14.22	00		024055.00
	Z,3.0		3.22	00		024055.40
	BE,\$+.32		24056.40	00		024056.00
	EXIC,162PSI		24323.16	00		024056.40
16283	SIC,SEN	-NO INT TAKEN WHEN EXIC	1310.00	80		024057.00
	B,SERS	-BD INSTR, BRANCH NOT TAKEN.	1304.10	00		024057.40
	BD,16285		24061.44	00		024060.00

16284	SIC,SEN B,SERS	-NO INT TAKEN WHEN EXIC A BD -INSTR, BRANCH EXECUTED.	1310.00 80 1304.10 00	024060.40 024061.00
16285	LVI,\$X1,16286 SVA,\$X1,162ITE+.32 %8DD%BU,32,8,3740 SIC,SEN BD,SERS	-SYSTEM DISABLED AFTER EXIC -A BD INSTRUCTION.	24064.03 01 24320.43 D0 1310.00 80 1304.04 00	024061.40 024062.00 00000003740 024062.40 024063.00 024063.40
16286	LX,\$X1,162XW1 LX,\$X2,162K1 SX,\$X2,162INT%\$X1 CB+,\$X1,\$-.32 LX,\$X0,BIT0 LVI,\$X1,16289 SVA,\$X1,162ITE LVI,\$X1,162B14 SVA,\$X1,162PSI EXIC,162PSI SIC,SEN B,SERS B,16289	-DO BB, SETUP BD INT TBL. -NO INT WHEN EXIC BB, COND FOR -BRANCH MET, BRANCH NOT TAKEN.	24326.02 10 24172.04 10 24220.05 11 24065.03 48 24522.00 10 24075.03 01 24320.03 D0 24214.03 01 24323.03 D0 24323.16 00 1310.00 80 1304.10 00 24075.10 00	024064.00 024064.40 024065.00 024065.40 024066.00 024066.40 024067.00 024067.40 024070.00 024070.40 024071.00 024071.40 024072.00
16287	SIC,SEN B,SERS B,16289	-NO INT WHEN EXIC BB, COND -FOR BRANCH MET, BRANCH TAKEN.	1310.00 80 1304.10 00 24075.10 00	024072.40 024073.00 024073.40
16288	SIC,SEN B,SERS	-NO INT WHEN EXIC BB, COND FOR BRANCH -MET, NO BRANCH, CONTROL GIVEN TO NEXT -INSTRUCTION FOLLOWING BRANCH.	1310.00 80 1304.10 00	024074.00 024074.40
16289	LVI,\$X1,16290 SVA,\$X1,162ITE LVI,\$X1,162B15 SVA,\$X1,162PSI EXIC,162PSI BD,16293		24100.03 01 24320.03 D0 24215.43 01 24323.03 D0 24323.16 00 24104.04 00	024075.00 024075.40 024076.00 024076.40 024077.00 024077.40
16290	SIC,SEN B,SERS B,16293	-INT TAKEN WHEN EXIC BB, COND FOR -BRANCH NOT MET, NO BRANCH.	1310.00 80 1304.10 00 24104.10 00	024100.00 024100.40 024101.00
16291	SIC,SEN B,SERS B,16293	-NO INT TAKEN WHEN EXIC BB, COND -FOR BRANCH NOT MET, BRANCH TAKEN.	1310.00 80 1304.10 00 24104.10 00	024101.40 024102.00 024102.40
16292	SIC,SEN B,SERS	-NO INT TAKEN WHEN EXIC BB, COND -FOR BRANCH NOT MET, NO BRANCH, CNTRL -GIVEN TO INSTR AFTER BB.	1310.00 80 1304.10 00	024103.00 024103.40
16293	B,\$+1.0 BD,16271 SIC,SEN0+.32 B,SSW BD,\$+.32	-TO SSIP	24105.10 00 24000.44 00 1311.40 80 1301.10 00 24106.44 00	024104.00 024104.40 024105.00 024105.40 024106.00
	LX,\$X13,IC262 V+,\$X13,BIT6 SX,\$X13,IC262	-UPDATE CONTINUITY CHECK.	24171.32 10 24530.32 B0 24171.33 10	024106.40 024107.00 024107.40

16294	LX,\$X1,USAWD	-TEST 2D, CHK EXE AND USA INDS.	23076.02	10	024110.00
	LX,\$X2,162K5		24176.04	10	024110.40
	LVI,\$X3,16084A+.32		17245.47	01	024111.00
16295	SX,\$X2,16084A%\$X1		17245.05	11	024111.40
	SVA,\$X3,16084A%\$X1		17245.07	D1	024112.00
	V+1,\$X3,%8=0.40		0.47	05	024112.40
	SVA,\$X3,16084A+.32%\$X1		17245.47	D1	024113.00
	V+1,\$X3,%8=0.40		0.47	05	024113.40
	CB+,\$X1,16295		24111.43	48	024114.00
	LVI,\$X1,16296		24122.03	01	024114.40
	SVA,\$X1,16084B		21245.03	D0	024115.00
	LVI,\$X1,162INT		24220.03	01	024115.40
	SV,\$X1,\$TA		2.03	30	024116.00
	SIC,160SX1		23041.00	80	024116.40
	B,160S1		22741.10	00	024117.00
	LVI,\$X1,16298		24125.03	01	024117.40
	SVA,\$X1,162ITE		24320.03	D0	024120.00
	Z,\$IND		13.22	00	024120.40
	Z,\$MASK		14.22	00	024121.00
	EXIC,16084A		17245.16	00	024121.40
16296	BUSA,16297		24124.10	C2	024122.00
	SIC,SEN	-2049 SUCCESSIVE EXICS FAIL TO SET	1310.00	80	024122.40
	BD,SERS	-USA AND FAIL TO CAUSE INTERRUPT.	1304.04	00	024123.00
	B,\$+1.32		24125.10	00	024123.40
16297	SIC,SEN	-2049 SUCCESSIVE EXICS FAIL TO CAUSE	1310.00	80	024124.00
	B,SERS	-INT BUT DO SET USA.	1304.10	00	024124.40
16298	LVI,\$X1,16299		24130.43	01	024125.00
	SVA,\$X1,162ITE		24320.03	D0	024125.40
	BD,\$+.32		24126.44	00	024126.00
	%8=DD%BU,32,8=,3740	-ILLEGAL OP CODE			00000003740 024126.40
	LVI,\$X1,162B16		24217.03	01	024127.00
	SVA,\$X1,162PSI		24323.03	D0	024127.40
	EXIC,162PSI		24323.16	00	024130.00
16299	BEXE,\$+1.32		24132.11	42	024130.40
	SIC,SEN	-EXIC A BD FAILS	1310.00	80	024131.00
	B,SERS	-TO SET EXE IND.	1304.10	00	024131.40
	B,\$+1.0		24133.10	00	024132.00
12	BD,16294		24110.04	00	024132.40
	SIC,SEN0+.32		1311.40	80	024133.00
11	B,SSW	-TO SSIP	1301.10	00	024133.40
	BD,\$+.32		24134.44	00	024134.00
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	LX,\$X13,IC262	-UPDATE CONTINUITY CHECK.	24171.32	10	024134.40
9	V+,\$X13,BIT7		24531.32	B0	024135.00
	SX,\$X13,IC262		24171.33	10	024135.40
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162100	SIC, I60SX1	-TEST 3A, PSEUDO IC LESS THAN 15.	23041.00	80		024136.00
	B, I60S1		22741.10	00		024136.40
	LVI, \$X1, I62SUB		24324.03	01		024137.00
	SVA, \$X1, I62PSI		24323.03	D0		024137.40
	LX, \$X1, I62EXI		24332.02	10		024140.00
	SX, \$X1, I62SUB		24324.03	10		024140.40
	LX, \$X1, I62PSI		24323.02	10		024141.00
	SX, \$X1, \$R		11.03	10		024141.40
	LVI, \$X1, I62103		24146.43	01		024142.00
	SVA, \$X1, I62ITE		24320.03	D0		024142.40
	LVI, \$X1, I62INT		24220.03	01		024143.00
	SV, \$X1, \$IA		2.03	30		024143.40
	Z, \$XI		21.22	00		024144.00
	%8DD%BU, 32, 8, 3740	-ILLEGAL OP.			00000003740	024144.40
	EXIC, \$R		11.16	00		024145.00
	SIC, SEN	-NO INTERRUPT WHEN PSEUDO IC	1310.00	80		024145.40
	BD, SERS	-OF EXIC LESS THAN 15.	1304.04	00		024146.00

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162103	BADZ,\$+1.32		24150.10	46		024146.40
	SIC,SEN	-AD NOT SET WHEN PSEUDO IC	1310.00	80		024147.00
	BD,SERS	-OF EXIC LESS THAN 15.	1304.04	00		024147.40
	LX,\$X1,\$X1		21.02	10		024150.00
	SIC,SEN	-INSTRUCT NOT NOPED WHEN PSEUDO	1310.00	80		024150.40
	BZXVZ,SERS	-IC OF EXIC LESS THAN 15.	1304.31	40		024151.00
	LVI,\$X1,\$X0	-TEST 3B, SUBJ INSTR OF EXITC LESS	20.03	01		024151.40
	SVA,\$X1,162PSI	-THAN 32.	24323.03	00		024152.00
	SIC,160SXI	-CLR INDS 0-19	23041.00	80		024152.40
	B,160S1		22741.10	00		024153.00
	LX,\$X0,162EXI		24332.00	10		024153.40
	LVI,\$X1,162104		24157.43	01		024154.00
	SVA,\$X1,162ITE		24320.03	00		024154.40
	Z,\$X1		21.22	00		024155.00
	%8DD%BU,32,8H,3740	-ILLEGAL OP.			00000003740	024155.40
	EXIC,162PSI		24323.16	00		024156.00
	SIC,SEN	-NO INTERRUPT WHEN SUBJ INST OF	1310.00	80		024156.40
	BD,SERS	-EXIC LESS THAN 32.	1304.04	00		024157.00
162104	BADZ,\$+1.32		24161.10	46		024157.40
	SIC,SEN	-AD NOT SET WHEN SUBJ INST OF	1310.00	80		024160.00
	B,SERS	-EXIC LESS THAN 32.	1304.10	00		024160.40
	LX,\$X1,\$X1		21.02	10		024161.00
	SIC,SEN	-SUBJ INST OF EXIC NOT NOPED	1310.00	80		024161.40
	BZXVZ,SERS	-WHEN IT IS LESS THAN 32.	1304.31	40		024162.00
	B,\$+1.0		24163.50	00		024162.40
	BD,162100		24136.04	00		024163.00
	SIC,SEN0+.32		1311.40	80		024163.40
	B,SSW	-TO SSIP.	1301.10	00		024164.00
	BD,\$+.32		24165.04	00		024164.40
	LX,\$X13,1C262	-UPDATE CONTINUITY.	24171.32	10		024165.00
	V+,\$X13,BIT8		24532.32	00		024165.40
	SX,\$X13,1C262		24171.33	10		024166.00
	KVI,\$X13,%8H777000.0		777000.33	04		024166.40
	SIC,SEN		1310.00	80		024167.00
	BZXE,SERS	-CONTINUITY ERROR.	1304.32	00		024167.40
	BD,168		24333.04	00		024170.00
	CNOP		0.30	00		024170.40
1C262	XW,0,0,0	-CONTINUITY REG	0.00	00	000000.00 00	024171.00

		-CONSTANTS FOR T262.					
162K1	CNOP BD,162ITE			24320.04	00		024172.00
	BD,162ITE			24320.04	00		024172.40
162K2	EX,162EXT			24321.12	00		024173.00
	EX,162EXT			24321.12	00		024173.40
162K3	EX,\$X3			23.12	00		024174.00
	EX,\$X3			23.12	00		024174.40
162K4	EX,\$L			10.12	00		024175.00
	EX,\$L			10.12	00		024175.40
162K5	EXIC,\$+.32			24176.56	00		024176.00
	EXIC,\$+.32			24177.16	00		024176.40
162K6	B,162ITE+.32			24320.50	00		024177.00
	B,162ITE+.32			24320.50	00		024177.40
162B1	BXVZ,\$+.32			24200.71	42		024200.00
	BD,16221			23464.04	00		024200.40
162B2	BXVZ,16224			23473.71	42		024201.00
	B,16225			23474.50	00		024201.40
162B3	BE,16226			23504.00	00		024202.00
	B,16227			23505.10	00		024202.40
162B4	BD,16231			23516.44	00		024203.00
	B,16232			23517.50	00		024203.40
162B5	BB,\$X0,16234			20.00	80	023535.34 02	024204.00
	B,16235			23536.50	00		024205.00
162B6	BB,\$X0+.01,16238			20.01	80	023543.34 02	024205.40
	B,16239			23544.50	00		024206.40
162B7	BD,16246			23571.04	00		024207.00
	CNOP			0.30	00		024207.40
162B10	BXVZ,\$+.32			24210.71	42		024210.00
	BD,16274			24025.04	00		024210.40
162B11	BXVZ,16277			24034.31	42		024211.00
	B,16278			24035.10	00		024211.40
162B12	BE,16279			24045.40	00		024212.00
	B,16280			24046.50	00		024212.40
162B13	BD,16284			24060.44	00		024213.00
	B,16285			24061.50	00		024213.40
162B14	BB,\$X0,16287			20.00	80	024072.74 02	024214.00
	B,16288			24074.10	00		024215.00
162B15	BB,\$X0+.01,16291			20.01	80	024101.74 02	024215.40
	B,16292			24103.10	00		024216.40
162B16	BD,16299			24130.44	00		024217.00
	CNOP			0.30	00		024217.40
162INT	DR%BU,64,8□,64	-INTRPT TABLE.		100.00			024220.00
162ITE	BD,\$	-ALL INTERRUPTS ENTER HERE.		24320.04	00		024320.00
	B,\$			24320.50	00		024320.40
162EXT	XW,0,0,0			0.00	00	000000.00 00	024321.00
162EX	CNOP	-KEEP					
	LX,\$X1,1000	-IN		24503.02	10		024322.00
	NOP	-ORDER		0.30	00		024322.40
162PSI	LX,\$X0,0	-PSEUDO IC.		0.00	10		024323.00
162BR1	\$BD,0			0.04	00		024323.40
162SUB	XW,0,0,0	-SUBJ INST.		0.00	00	000000.00 00	024324.00
162BR2	\$BD,0			0.04	00		024325.00
162XW1	XW,0,64,162INT			0.00	00	002000.50 90	024326.00
162EXV	L%BU□,1000	-VFL FULL WD.		24503.00	80	000000.20 50	024327.00
162EXF	L%U□,1000	-FLT PT.		24503.40	60		024330.00
	L%U□,1000			24503.40	60		024330.40
162EXM	Z,\$X1	-MISC.		21.22	00		024331.00

162EXI
NOP

LVI,\$X1,%8077777.40-IMMED IX.
NOP

0.30 00
777777.43 01
0.30 00

024331.40
024332.00
024332.40

-----1268----IF AND DF CLOSE TO DS.

- THIS TEST IS COMPOSED OF TWO ROUTINES
- WHICH CHECK THE BELOW FUNCTIONS.

-TEST 1 CHECKS IF CLOSE TO DS
-IN ALL 3 MEMORIES.

-TEST 2 CHECKS DF CLOSE TO DS
-IN ALL 3 MEMORIES.

168	LX,\$X1,1681D	-UPDATE IDENT.	24336.02 10	024333.00
	SX,\$X1,DPET13		1437.03 10	024333.40
	SIC,RET		1306.40 80	024334.00
	B,IDFI	-PRINT IDENT.	1443.10 00	024334.40
	Z,1C268		24405.22 00	024335.00
	BD,1681		24337.04 00	024335.40

1681D	CNOP			
	%1QSZ0DD%BU,64,80,1268	Z		024336.00

1681	LX,\$X1,168K1	-TEST 1A, IF CLOSE TO DS IN EXT MEM.	24407.02 10	024337.00
	SX,\$X1,1682		24342.03 10	024337.40
	NOP		0.30 00	024340.00
	NOP		0.30 00	024340.40
	LX,\$X1,168K2		24410.02 10	024341.00
	SX,\$X1,1682		24342.03 10	024341.40
← 1682	XW,0,0,0		0.00 00	024342.00
	LX,\$X2,\$X2		22.04 10	024343.00
	SIC,SEN		1310.00 80	024343.40
	BXVZ,SERS	-EXECUTED OLD INSTRUCTION FROM EXT.	1304.31 42	024344.00

000000.00 00

LVI

	LX,\$X1,168K1	-TEST 1B, IF CLOSE TO DS IN IX STG.	24407.02 10	024344.40
	SX,\$X1,\$X3		23.03 10	024345.00
	NOP		0.30 00	024345.40
	NOP		0.30 00	024346.00
	NOP		0.30 00	024346.40
	LX,\$X1,168K2		24410.02 10	024347.00
	SX,\$X1,\$X3		23.03 10	024347.40
	EX,\$X3		23.12 00	024350.00
12	LX,\$X2,\$X2		22.04 10	024350.40
	SIC,SEN		1310.00 80	024351.00
11	BXVZ,SERS	-EXECUTED OLD INST FROM IX STG.	1304.31 42	024351.40

	LX,\$X1,168K1	-TEST 1C, IF CLOSE TO DS IN INT MEM.	24407.02 10	024352.00
	SX,\$X1,\$R		11.03 10	024352.40
	NOP		0.30 00	024353.00
	NOP		0.30 00	024353.40
	NOP		0.30 00	024354.00
	LX,\$X1,168K2		24410.02 10	024354.40
	SX,\$X1,\$R		11.03 10	024355.00
	EX,\$R		11.12 00	024355.40
	LX,\$X2,\$X2		22.04 10	024356.00
	SIC,SEN		1310.00 80	024356.40
5	BXVZ,SERS	-EXECUTED OLD INST FROM INT MEM.	1304.31 42	024357.00

4	B,\$+1.0		24360.50 00	024357.40
	BD,1681		24337.04 00	024360.00
3	SIC,SEN0+.32		1311.40 80	024360.40
	B,SSW	-TO SSIP.	1301.10 00	024361.00
2	BD,\$+.32		24362.04 00	024361.40

202 24,11,
1 24 200

	LX,\$X13,IC268	-UPDATE CONTINUITY CHECK.	24405.32	10	024362.00
	V+,\$X13,BIT0		24522.32	80	024362.40
	SX,\$X13,IC268		24405.33	10	024363.00
1683	Z,I68K3	-TEST 2A,DF CLOSE TO DS IN EXT MEM.	24411.22	00	024363.40
	LX,\$X1,I000		24503.02	10	024364.00
	Z,\$X2		22.22	00	024364.40
	SX,\$X1,I68K3		24411.03	10	024365.00
	LX,\$X2,I68K3		24411.04	10	024365.40
	SIC,SEN		1310.00	80	024366.00
	BXVZ,SERS	-LOADED OLD DATA FROM EXT MEM.	1304.31	42	024366.40
	Z,\$X4		24.22	00	024367.00
	LX,\$X1,I000		24503.02	10	024367.40
	Z,\$X2		22.22	00	024370.00
	SX,\$X1,\$X4		24.03	10	024370.40
	LX,\$X2,\$X4		24.04	10	024371.00
	SIC,SEN		1310.00	80	024371.40
	BXVZ,SERS	-LOADED OLD DATA FROM TX STG.	1304.31	42	024372.00
	Z,\$R		11.22	00	024372.40
	LX,\$X1,I000		24503.02	10	024373.00
	Z,\$X2		22.22	00	024373.40
	SX,\$X1,\$R		11.03	10	024374.00
	LX,\$X1,\$R		11.02	10	024374.40
	SIC,SEN		1310.00	80	024375.00
	BXVZ,SERS	-LOADED OLD DATA FROM INT MEM.	1304.31	42	024375.40
	B,\$+I.0		24377.10	00	024376.00
	BD,I683		24363.44	00	024376.40
	STC,SEN0+.32		1311.40	80	024377.00
	B,SSW	-TO SSIP	1301.10	00	024377.40
	BD,\$+.32		24400.44	00	024400.00
	LX,\$X13,IC268	-UPDATE CONTINUITY CHECK.	24405.32	10	024400.40
	V+,\$X13,BIT1		24523.32	80	024401.00
	SX,\$X13,IC268		24405.33	10	024401.40
	LX,\$X13,IC268		24405.32	10	024402.00
	KV,\$X13,ICK268		24406.32	90	024402.40
	SIC,SEN		1310.00	80	024403.00
	BZXE,SERS	-CONTINUITY ERROR.	1304.32	C0	024403.40
	BD,I74		24412.04	00	024404.00
	CNOP		0.30	00	024404.40
1268	XW,0,0,0	-CONTINUITY REG 1268.	0.00	00 000000.00 00	024405.00
1268	XW,%8#600000.00,0,0		600000.00	00 000000.00 00	024406.00
168K1	Z,\$X2		22.22	00	024407.00
	NOP		0.30	00	024407.40
168K2	LVI,\$X2,%8#777777.40		777777.45	01	024410.00
	NOP		0.30	00	024410.40
168K3	XW,0,0,0		0.00	00 000000.00 00	024411.00

-----|274---TRUNCATION OF ADDRESSES.

-THIS PROGRAM CHECKS THOSE INSTRUCTIONS WHICH
-USE ONLY PART OF THEIR ADDRESS FIELD.

174	LX,\$X1,1741D SX,\$X1,DPET13	-UPDATE IDENT.	24415.02 10 1437.03 10	024412.00 024412.40
	SIC,RET B,1DF1	-PRINT IDENT.	1306.40 80 1443.10 00	024413.00 024413.40
	Z,1C274 BD,1741		24470.22 00 24416.04 00	024414.00 024414.40
1741D	CNOP %1QSZ□DD%BU,64,8□,1274 Z			024415.00
1741	LVI,\$X1,174K1+.32 SVA,\$X1,1742 NOP Z,\$X2 NOP		24471.43 01 24420.43 D0 0.30 00 22.22 00 0.30 00	024416.00 024416.40 024417.00 024417.40 024420.00
1742	LX,\$X2,0 SIC,SEN BXVZ,SERS	-LX FAILS TO TRUNCATE BIT 19.	0.04 10 1310.00 80 1304.31 42	024420.40 024421.00 024421.40
	LX,\$X1,174K1 LVI,\$X2,174K2+.32 SVA,\$X2,1743 NOP Z,174K2 NOP		24471.02 10 24472.45 01 24425.05 D0 0.30 00 24472.22 00 0.30 00	024422.00 024422.40 024423.00 024423.40 024424.00 024424.40
1743	SX,\$X1,0 NOP NOP Z,\$X3 LX,\$X3,174K2 SIC,SEN BXVZ,SERS	-SX FAILS TO TRUNCATE BIT 19.	0.03 10 0.30 00 0.30 00 0.30 00 23.22 00 24472.06 10 1310.00 80 1304.31 42	024425.00 024425.40 024426.00 024426.40 024427.00 024427.40 024430.00
	LX,\$X1,174K4 SX,\$X1,174K2 Z,174K3 LVI,\$X2,174K2+.32 SVA,\$X2,\$+.32 R,0 NOP NOP Z,\$X4 LX,\$X4,174K2 SIC,SEN BXVZ,SERS	-REFILL FAILS TO TRUNCATE BIT 19.	24474.02 10 24472.03 10 24473.22 00 24472.45 01 24433.05 D0 0.02 00 0.30 00 0.30 00 24.22 00 24472.10 10 1310.00 80 1304.31 42	024430.40 024431.00 024431.40 024432.00 024432.40 024433.00 024433.40 024434.00 024434.40 024435.00 024435.40 024436.00

	LX,\$X1,174K7		24477.02	10			024436.40
	SX,\$X1,174PS1		24500.03	10			024437.00
	Z,\$X1		21.22	00			024437.40
	LVI,\$X2,174PS1+.32		24500.45	01			024440.00
	SVA,\$X2,\$+.32		24441.05	D0			024440.40
	EXIC,174PS1		24500.16	00			024441.00
	LX,\$X1,\$X1		21.02	10			024441.40
	SIC,SEN		1310.00	80			024442.00
	BXVZ,SERS	-EXIC FAILS TO TRUNCATE BIT 19.	1304.31	42			024442.40
	LVI,\$X1,174K2+.32		24472.43	01			024443.00
	SVA,\$X1,1744		24445.43	D0			024443.40
	LX,\$X1,174K1		24471.02	10			024444.00
	SX,\$X1,174K2		24472.03	10			024444.40
	Z,\$X2		22.22	00			024445.00
1744	Z,0		0.22	00			024445.40
	LX,\$X2,174K2		24472.04	10			024446.00
	SIC,SEN		1310.00	80			024446.40
	BZXVZ,SERS	-STORE ZERO FAILS TO TRUNCATE BIT 19.	1304.31	40			024447.00
	LVI,\$X1,0.32		0.43	01			024447.40
	Z,174K2		24472.22	00			024450.00
	Z,174K3		24473.22	00			024450.40
	TI,1,174K1%\$X1□,174K3		24471.00	81	024473.02	A0	024451.00
	Z,\$X2		22.22	00			024452.00
	LX,\$X2,174K3		24473.04	10			024452.40
	SIC,SEN		1310.00	80			024453.00
	BXVZ,SERS	-TRANSMIT FAILS TO TRUNCATE LHW BIT 19.	1304.31	42			024453.40
	Z,174K2		24472.22	00			024454.00
	Z,174K3		24473.22	00			024454.40
	TI,1,174K1,174K2%\$X1□		24471.00	80	024472.02	A1	024455.00
	Z,\$X2		22.22	00			024456.00
	LX,\$X2,174K2		24472.04	10			024456.40
	SIC,SEN		1310.00	80			024457.00
	BXVZ,SERS	-TRANSMIT FAILS TO TRUNCATE RHW BIT 19.	1304.31	42			024457.40
	B,\$+1.0		24461.10	00			024460.00
	BD,1741		24416.04	00			024460.40
	SIC,SEN0+.32		1311.40	80			024461.00
12	B,\$SW	-TO SSIP	1301.10	00			024461.40
11	BD,\$+.32		24462.44	00			024462.00
	LX,\$X13,BIT0	-UPDATE CONTINUITY CHECK	24522.32	10			024462.40
	SX,\$X13,1C274		24470.33	10			024463.00
	LX,\$X1,%8□103.0		103.02	10			024463.40
9	KV,\$X1,100LC		24501.02	90			024464.00
	BZXE,%8□45000.0	-LOOP	45000.32	C0			024464.40
8	KC,\$X1,100LC		24501.03	90			024465.00
	BZXE,%8□45000.0	-LOOP	45000.32	C0			024465.40
7	SR,\$X1,17.0		21.03	70			024466.00
	KV,\$X1,100LC+.32		24501.42	90			024466.40
6	BZXE,%8□45000.0	-LOOP	45000.32	C0			024467.00
	B,%8□57000.0	-CONTINUE	57000.10	00			024467.40
5	1C274	XW,0,0,0	-CONTINUITY REG 1274.	0.00	00	000000.00 00	024470.00
4	174K1	XW,%8□777777.77,0,0		777777.77	00	000000.00 00	024471.00
	174K2	XW,0,0,0		0.00	00	000000.00 00	024472.00
3	174K3	XW,0,0,0		0.00	00	000000.00 00	024473.00
	174K4	XW,0,0,174K1		0.00	00	000000.51 39	024474.00
2	174K5	XW,0,0,0		0.00	00	000000.00 00	024475.00
	174K6	LVI,\$X1,%8□777777.40		777777.43	01		024476.00

BIT36	XW,0,512,0	0.00	00	020000.00	00	024566.00
BIT37	XW,0,256,0	0.00	00	010000.00	00	024567.00
BIT38	XW,0,128,0	0.00	00	004000.00	00	024570.00
BIT39	XW,0,64,0	0.00	00	002000.00	00	024571.00
BIT40	XW,0,32,0	0.00	00	001000.00	00	024572.00
BIT41	XW,0,16,0	0.00	00	000400.00	00	024573.00
BIT42	XW,0,8,0	0.00	00	000200.00	00	024574.00
BIT43	XW,0,4,0	0.00	00	000100.00	00	024575.00
BIT44	XW,0,2,0	0.00	00	000040.00	00	024576.00
BIT45	XW,0,1,0	0.00	00	000020.00	00	024577.00
BIT46	XW,0,0,131072	0.00	00	000010.00	00	024600.00
BIT47	XW,0,0,65536	0.00	00	000004.00	00	024601.00
BIT48	XW,0,0,32768	0.00	00	000002.00	00	024602.00
BIT49	XW,0,0,16384	0.00	00	000001.00	00	024603.00
BIT50	XW,0,0,8192	0.00	00	000000.40	00	024604.00
BIT51	XW,0,0,4096	0.00	00	000000.20	00	024605.00
BIT52	XW,0,0,2048	0.00	00	000000.10	00	024606.00
BIT53	XW,0,0,1024	0.00	00	000000.04	00	024607.00
BIT54	XW,0,0,512	0.00	00	000000.02	00	024610.00
BIT55	XW,0,0,256	0.00	00	000000.01	00	024611.00
BIT56	XW,0,0,128	0.00	00	000000.00	80	024612.00
BIT57	XW,0,0,64	0.00	00	000000.00	40	024613.00
BIT58	XW,0,0,32	0.00	00	000000.00	20	024614.00
BIT59	XW,0,0,16	0.00	00	000000.00	10	024615.00
BIT60	XW,0,0,8	0.00	00	000000.00	08	024616.00
BIT61	XW,0,0,4	0.00	00	000000.00	04	024617.00
BIT62	XW,0,0,2	0.00	00	000000.00	02	024620.00
BIT63	XW,0,0,1	0.00	00	000000.00	01	024621.00

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SSW	SYN,%8□1301.0	1301.00+	+00000000
ERS	SYN,%8□1302.0	1302.00+	+00000000
SERS	SYN,%8□1304.0	1304.00+	+00000000
RET	SYN,%8□1306.40	1306.40+	+00000000
RET1	SYN,%8□1307.0	1307.00+	+00000000
RET2	SYN,%8□1307.40	1307.40+	+00000000
SEN	SYN,%8□1310.0	1310.00+	+00000000
SENO	SYN,%8□1311.0	1311.00+	+00000000
DPET13	SYN,%8□1437.0	1437.00+	+00000000
INT	SYN,%8□1353.0	1353.00+	+00000000
IDF1	SYN,%8□1443.0	1443.00+	+00000000
IDF2	SYN,%8□1444.40	1444.40+	+00000000
	END,%8□14000.0	14000.00	

024622.00

12
11
10
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