```
ASMA Ver. 0.2.0 Simple 3211 Printer Tests
                                                                                 08 May 2017 12:51:58 Page
                                                                                                           2
 LOC
          OBJECT CODE
                         ADDR1
                                        STMT
                                 ADDR2
                                          44 *
                                          45 *
                                                Example Hercules Testcase:
                                          46 *
                                          47 *
                                          48 *
                                                     *Testcase 3211 printer
                                          49 *
                                                     mainsize 1
                                          50 *
                                                     numcpu
                                          51 *
                                                     sysclear
                                          52 *
                                                     archlvl
                                                             390
                                          53 *
                                                     loadcore "$(testpath)/3211.core"
                                          54 *
                                          55 *
                                                     # NOTE: In addition to the above 3211.core file this test
                                          56 *
                                                           also uses an associated "3211.rexx" script too.
                                          57 *
                                          58 *
                                                     detach
                                          59 *
                                                     attach
                                                             00f 3211 "3211.txt"
                                          60 *
                                                     diag8cmd enable noecho # need diag8 to exec rexx script
                                          61 *
                                                                          # rexx script needs shell access
                                                     shcmdopt enable diag8
                                          62 *
                                                     runtest
                                                                          # (plenty of time)
                                                             0.1
                                          63 *
                                                     detach
                                                             000f
                                                                          # (no longer needed)
                                          64 *
                                                     diag8cmd disable noecho # (no longer needed)
                                          65 *
                                                     shcmdopt disable nodiag8 # (no longer needed)
                                          66 *
                                                     *Compare
                                          67 *
                                                     r 1000.10
                                          68 *
                                                     *Want "Return Code flags" 00000000 00000000 00000000 00000000
                                          69 *
                                                     *Done
                                          70 *
                                          71 *
                                          72 *
                                                Refer to comments at label "BEGIN" for register usage.
                                          73 *
                                          76
                                                    PRINT OFF
                                        3638
                                                    PRINT ON
                                        3640 ***********************************
                                        3641 *
                                                    SATK prolog stuff...
                                        3644
                                                    ARCHLVL ZARCH=NO, MNOTE=NO
                                        3646+$AL
                                                    OPSYN AL
                                        3647+$ALR
                                                    OPSYN ALR
                                        3648+$B
                                                    OPSYN B
```

ASMA Ver.	0.2.0 Simple 3211	Printer Te	sts				08 May 2017 12:51:58 Page
LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
	000101 0001	,,,,,,,,,,		3702 ******** 3703 * 3704 *	Initia with t	ate the TEST3211 (the location count	**************************************
00000000 00000008 00000058 00000060 00000068 00000070 00000078 00000080	000A0000 00000008 000A0000 00000018 000A0000 00000020 000A0000 00000028 000A0000 00000030 000A0000 00000038	00000000	0000100F 00000058	3707 TEST3211 3708+TEST3211 3710+ 3711+ 3713+ 3714+ 3715+ 3716+ 3717+ 3718+		AD REGION=CODE 0,CODE 0,0,2,0,X'008' TEST3211+X'058' 0,0,2,0,X'018' 0,0,2,0,X'020' 0,0,2,0,X'028' 0,0,2,0,X'030' 0,0,2,0,X'038' TEST3211+512	64-bit Restart ISR Trap New PSW 64-bit External ISR Trap New PSW 64-bit Supervisor Call ISR Trap New PSW 64-bit Program ISR Trap New PSW 64-bit Machine Check Trap New PSW 64-bit Input/Output Trap New PSW
				3720 ******* 3721 * 3722 *****	****** Create *****	e IPL (restart) PS	**************************************
00000200 00000000 00000008	00080000 00000200	00000000 00000200 00000008 00000000	0000100F 00000000 00000200 0000100F	3724 3725+TEST3211 3726+ 3727+ 3728+ 3729+TEST3211	CSECT ORG PSW ORG	IA=BEGIN TEST3211 0,0,0,0,BEGIN,24 TEST3211+512	Reset CSECT to end of assigned storage area

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LOC OBJECT CODE	ADDR1 ADDR	2 STMT	-		
		3732	* ************* * Architectur	The actual TEST ********* e Mode: ESA/390	**************************************
		3737 3738 3739 3740	'* Register Üs 3 * 9 * R0 (age: work)	ENADEV and RAWIO macros
		3741 3742 3743 3744 3745 3746	! * R3 I B * R4 I L * R5 U 5 * R6,R7 S	O work register u sed for CPU regis	ter NADEV and RAWIO macros sed by ENADEV and RAWIO ter when signaling architecture change s when changing architecture
		3747 3748 3749	' * R9 S 3 * R10-R15 () *	CSW pointer work)	**********
00000200 00000200 00000200 00000200 00000200	00000000 00000200 00000000 00000000 000000	3752 3753 3754 3755 3756	USING USING USING	IOCB,Ŕ3 ORB,R8	Low core addressability Program Addressability SATK Device I/O Control Block ESA/390 Operation Request Block ESA/390 Subchannel Status Word
00000200 0520 00000202 0620 00000204 0620		3759 3760	BCTR	R2,0 R2,0	Initalize Base Register Initalize Base Register Initalize Base Register
00000206 45E0 203C 0000020A 45E0 20E6		23C 3762 2E6 3764		R14, INIT R14, TEST01	Initalize Program z/VM 6.3 printer 3211 initial sequence
0000020E 45E0 211E 00000212 45E0 2160 00000216 45E0 21A4 0000021A 45E0 21E8	00000 00000 00000 00000	31E 3765 360 3766 3A4 3767 3E8 3768	BAL BAL BAL BAL	R14,TEST02 R14,TEST03 R14,TEST04 R14,TEST05	Skip to nonexistent FCB channel Skip to chan we're at = No Skip Skip to chan we're at = Should Skip Channel 9 crossed
0000021E 45E0 2234 00000222 45E0 226C 00000226 45E0 2328 0000022A 45E0 237C	00000 00000	434 3769 46C 3776 528 3771 57C 3772	BAL BAL	R14,TEST06 R14,TEST07 R14,TEST08 R14,TEST09	Channel 12 crossed FCB/UCS Load Check Diagnostic Read FCB Diagnostic Write/Read PLB
0000022E D60F 2E00 2E00 00000234 4770 205C 00000238 47F0 2078		000 3774 25C 3775 278 3776	BNZ	RCFLAGS,RCFLAGS FAIL EOJ	Did all tests succeed? (all zeros?) No, Abnormal termination Yes, Normal completion

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
				3778 ******* 3779 * 3780 ******	****** Progra *****	am Initialization	***********
000023C				3782 INIT	DS	0H	Program Initialization
				3784	SETARC	CH 2	Cleanly enter 64-bit mode if sensible
000023C 0000240 0000244	4130 24B4 5880 3018 58F0 3020		000006B4 00000018 00000020	3786 3787 3788	LA L L	R3,IOCB_00F R8,IOCBORB R15,IOCBIRB	Point to IOCB Point to ORB Point to IRB
0000248 0000248 000024C	4190 F000	00000000	00000000	3789 3790 3791	USING LA DROP	IRB,R15 R9,IRBSCSW R15	Temporary addressability Point to SCSW Done with IRB
000024C 0000250	45F0 2088 45F0 2096		00000288 00000296	3793 3794	BAL BAL	R15,IOINIT R15,ENADEV	Initialize the CPU for I/O operations Enable our device making ready for use
0000254 000025A	D20F 2E00 2DF0 07FE	00001000	00000FF0	3796 3797	MVC BR	RCFLAGS, DOFLAGS R14	Initialize test return code flags Return to caller
				3799 ******* 3800 * 3801 *******	Normal	l completion or Al	**************************************
				3803 FAIL		LOAD=YES, CODE=BAI	
000025C 000025C 0000260	8200 2060 000A0000 00010BAD		00000260	3804+FAIL 3805+ 3806+DWAT0008	DS LPSW	0H DWAT0008 0,0,2,0,X'010BAD	
				3808 FAILD8	DWATT	LOAD=YES, CODE=D8	Diagnose X'008' failed
	8200 2070 000A0000 000100D8		00000270	3809+FAILD8 3810+ 3811+DWAT0009	DS LPSW	0H DWAT0009 0,0,2,0,X'0100D8	
				3813 EOJ	DWAITE	END LOAD=YES	Normal completion
0000278	8200 2080		00000280	3815+EOJ 3816+	DS	0H DWAT0011	r

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
				4324 *	Execu	te the channel pr	**************************************
000061C	4100 2530		00000730	4327 EXCPSENS	S LA	R0,SENSEPGM R	RO -> Retrieve SENSE Channel Program
0000620	5000 8008		00000008	4329 EXCP	ST	RØ,ORBCCW P	Plug Channel Program address into IORB
00000624 00000628 0000062E	9200 300E D201 300A 3006 5810 3000	0000000A		4331 4332+ 4333+ 4334+	MVI MVC L	4,FAIL=FAIL IOCBSC,X'00' IOCBST,IOCBZERO 1,IOCBDID	Clear SC information Clear accumulated status Remember the device ID with which I am worki
0000632	5840 3018		00000018	4335+* Initia 4336+	ste Sub \$L	cnannel-based inp 4,IOCBORB	out/output operation Locate the ORB for the channel subsystem
00000636 0000063A 0000063E	B233 4000 A774 FE11 5840 3020		00000000 0000025C	4337+	SSCH \$BC \$L		Initiate the I/O operationStart function failed, report/handle the end area
00000642	30.10 3020	00000000	00000020	4340+		IRB,4	Make it addressable
				4342+* Wait f	for I/O	oneration to pre	esent status via an interruption
00000642 00000642 00000648	D207 2468 0078 D207 0078 2460	00000668 00000078	00000078 00000660	4343+IOWT0014 4345+ 4346+		0H Wait for I/O IOS0015(8),120(0 120(8,0),ION0015	O to complete O) Save Input/Output new PSW
0000064E 00000658 00000660	8200 2458 020A0000 00000000 00082000 00000670		00000658	4347+ 4348+WPSW0015 4349+ION0015	PSW	WPSW0015 2,0,2,0,0 0,0,0,32,IRST001	Wait for event Wait for event
0000668	00000000 00000000			4350+IOS0015 4351+* Handle 4352+IRST0015	e input	XL8'00' /output interrupt OH	cion
00000670	D207 0078 2468	00000078	00000668	4353+ 4354+* Proces	MVC ss the	120(8,0),IOS0015 interruption	Restore input/output new PSW the expected subchannel
0000676	5510 00B8		000000B8	4356+ Vallue	CL	1, IOSSID	Is this the device for which I am waiting?
000067A	A774 FFE4		00000642			IOWT0014	No, continue waiting for it
000067E	B235 4000		00000000		TSCH	nterruption infor 0(4)	Retrive interrupt information
0000682	A744 FFE0 A714 FDEB		00000642 0000025C	4360+ 4361+	\$BC \$BC	B'0100',IOWT0014 B'0001',FAIL	CC1 (not status pending), wait for it to arr CC3 (not operational), an error then
000068A 0000690	D600 300E 4003 D601 300A 4008	0000000E 0000000A	00000003 00000008		0C 0C	IOCBSC, IRBSCSW+S	CCO (status was pending), accumulate the sta GCSW2 Accumulate status control GCSWUS Accumulate device and channel status
	9104 300E A7E4 FFD4 D203 3010 4004	00000010	0000000E 00000642 00000004		TM \$BNO MVC	IOCBSC, SCSWSPRI IOWT0014 TOCBSCCW, TRBSCSW	Primary subchannel status? No, wait for primary status N+SCSWCCW CCW address
000003L	D201 3016 400A	00000016	0000000A	4368+	MVC	IOCBRCNT, IRBSCSW	N+SCSWCNT Residual count
	910C 300A A7E4 FDD7		0000000A 0000025C	4370+ 4371+	TM \$BNO	ors as specified IOCBUS,SCSWCE+SC FAIL operation succes	SWDE Channel end and device end both accumulate Hunh? No CE and DE but do have primary statu
				43/2+ Input/	output	operaction succes	23 I U T
00006B2	07FF			4374	BR	R15 R	Return to caller

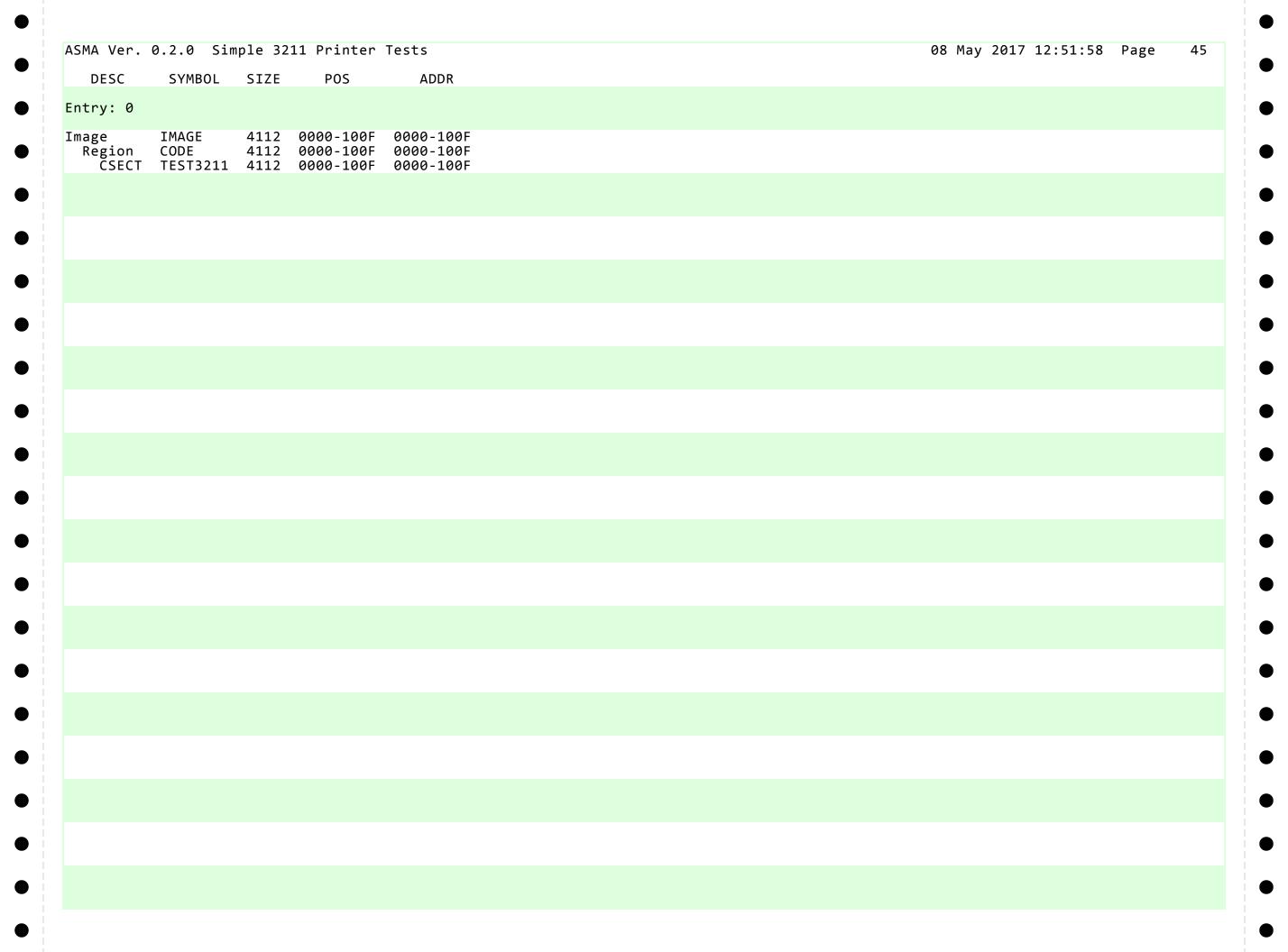
ADDR1 ADDR1 ADDR2 STMT 4810 ************************************	SMA Ver	. 0.2.0 Simple 321	1 Printer Te	sts				08 May 2017 12:51:58 Page	3
### (other DSECTS needed by SATK) #### ################################	LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
5055 **********************************					4811 *	(oth	DSECTS needed by SAT	-K)	
5055 **********************************					4814	DSEC	S PRINT=OFF,NAME=(ASA,	SCHIB,CCW0,CCW1)	
5055 **********************************								,	
5055 **********************************									
5055 **********************************									
5055 **********************************									
00000000					5053	PRIN	ON		
00000000									
00000000					FOFF #1				
00000000								***********	
00000001 00000001 5060 R1						******	·*************************************	***********	
00000002 00000001 5061 R2 EQU 2 00000003 00000001 5063 R4 EQU 3 00000005 00000001 5064 R5 EQU 5 00000006 00000001 5065 R6 EQU 6 00000007 00000001 5066 R7 EQU 7 00000008 00000001 5066 R7 EQU 9 00000004 00000001 5068 R9 EQU 9 00000004 00000001 5068 R9 EQU 9 00000004 00000001 5069 R10 EQU 10 00000008 00000001 5070 R11 EQU 11 00000000 00000001 5070 R12 EQU 12 00000000 00000001 5072 R13 EQU 13 0000000F 00000001 5073 R14 EQU 14 0000000F 00000001 5074 R15 EQU 15									
00000004 0000001 5062 R3 EQU 3 00000004 00000001 5063 R4 EQU 4 00000005 00000001 5064 R5 EQU 5 00000006 00000001 5065 R6 EQU 6 00000007 00000001 5066 R7 EQU 7 00000008 00000001 5067 R8 EQU 9 00000004 00000001 5068 R9 EQU 9 00000004 00000001 5069 R10 EQU 10 00000008 00000001 5069 R10 EQU 11 0000000C 00000001 5070 R11 EQU 11 0000000C 00000001 5071 R12 EQU 12 0000000D 00000001 5073 R14 EQU 13 0000000F 00000001 5073 R14 EQU 14						1 EQU			
0000005 0000001 5064 R5 EQU 5 00000006 0000001 5065 R6 EQU 6 00000007 00000001 5066 R7 EQU 7 0000008 0000001 5067 R8 EQU 8 00000009 00000001 5068 R9 EQU 9 000000A 0000001 5069 R10 EQU 10 000000B 0000001 5070 R11 EQU 11 000000C 00000001 5071 R12 EQU 12 000000D 0000001 5072 R13 EQU 13 000000E 00000001 5073 R14 EQU 14 000000F 00000001 5074 R15 EQU 15						Z EQU B FOII			
0000005 0000001 5064 R5 EQU 5 00000006 0000001 5065 R6 EQU 6 00000007 00000001 5066 R7 EQU 7 0000008 0000001 5067 R8 EQU 8 00000009 00000001 5068 R9 EQU 9 000000A 0000001 5069 R10 EQU 10 000000B 0000001 5070 R11 EQU 11 000000C 00000001 5071 R12 EQU 12 000000D 0000001 5072 R13 EQU 13 000000E 00000001 5073 R14 EQU 14 000000F 00000001 5074 R15 EQU 15						4 EQU	4		
0000007 0000001 5066 R7 EQU 7 0000008 0000001 5067 R8 EQU 8 0000009 0000001 5068 R9 EQU 9 0000000A 00000001 5069 R10 EQU 10 000000B 00000001 5070 R11 EQU 11 0000000C 00000001 5071 R12 EQU 12 000000D 00000001 5072 R13 EQU 13 000000E 00000001 5073 R14 EQU 14 000000F 00000001 5074 R15 EQU 15						5 EQU	5		
00000008 00000001 5067 R8 EQU 8 00000009 00000001 5068 R9 EQU 9 0000000A 00000001 5069 R10 EQU 10 000000B 00000001 5070 R11 EQU 11 0000000C 00000001 5071 R12 EQU 12 0000000D 00000001 5072 R13 EQU 13 0000000E 00000001 5073 R14 EQU 14 0000000F 00000001 5074 R15 EQU 15						5 EQU	6		
0000009 0000001 5068 R9 EQU 9 0000000A 00000001 5069 R10 EQU 10 000000B 00000001 5070 R11 EQU 11 000000C 00000001 5071 R12 EQU 12 000000D 00000001 5072 R13 EQU 13 000000E 00000001 5073 R14 EQU 14 000000F 00000001 5074 R15 EQU 15						7 EQU R FOII	/ 8		
000000A 0000001 5069 R10 EQU 10 000000B 0000001 5070 R11 EQU 11 000000C 0000001 5071 R12 EQU 12 000000D 0000001 5072 R13 EQU 13 000000E 0000001 5073 R14 EQU 14 000000F 0000001 5074 R15 EQU 15						e EQU			
0000000B 00000001 5070 R11 EQU 11 0000000C 00000001 5071 R12 EQU 12 0000000D 00000001 5072 R13 EQU 13 0000000E 00000001 5073 R14 EQU 14 0000000F 00000001 5074 R15 EQU 15						10 EQU	10		
000000D 0000001 5072 R13 EQU 13 000000E 00000001 5073 R14 EQU 14 0000000F 00000001 5074 R15 EQU 15						11 EQU	11		
0000000E 00000001 5073 R14 EQU 14 0000000F 00000001 5074 R15 EQU 15						12 EQU	12		
000000F 0000001 5074 R15 EQU 15						13 EQU	13		
5076 END						14 EQU 15 EQU	15		
5076 END									
					5076	END			

SYMBOL	TYPE	VALUE	LENGTH	DEFN	REFER	ENCES													
					4135	4139	4147	4151	4159	4163	4171	4176	4181	4213	4221	4229	4259	4267	
					4270	4278	4298	4319	4374			, 0						0,	
2	U	000002	1	5061	3753	3758	3759	3760											
13	U	000003	1	5062	3754	3786													
84	Ū	000004	1	5063															
15	Ū	000005	1	5064															
16	Ü	000006	1	5065	4307	4310	4318												
17	Ū	000007	1	5066															
18	U	000008	1	5067	3755	3787	4313												
19	Ū	000009	1	5068	3756	3790	4310												
CFLAGS	X	001000	16	4623	4626	4628	4629	4630	4631	4632	4633	4634	4635	4636	4638	4639	4640	4641	
			_		4642	4643	3774	3796											
READFCB	U	000012	1	4424	4574	4577	4580												
READPLB	Ū	000002	1	4417	4584	4588													
READUCS	Ū	A0000	1	4423															
RSTNPSW	F	000000	8	4825															
STOPSW	F	000008	8	4826															
CANOUT	Χ	000080	1	4863	4864														
CANOUTL	U	000000	1	4864															
CHIB	4	000000	52	5003	5050	3837													
CHIBL	Ú	000034	1	5050															
CHMBA	Ā	000028	8	5048															
CHMDA1	X	000030	4	5049															
CHMDA3	X	000028	12	5047															
CHPMCW	X	000000	28	5005															
CHSCSW	X	00001C	12	5046															
CSW	4	000000	12	4745	4807	3756													
CSW0CC	Ú	000004	1	4761	.007	3,30													
CSW1	X	000002	1	4765															
SCSW2	X	000003	1	4774	4363														
CSWACP	Û	000001	1	4773	1303														
CSWADA	Ŭ	000040	1	4776															
CSWAHP	Ü	000002	1	4772															
CSWALKC	Ŭ	000010	1	4759															
CSWARP	Ŭ	000008	1	4770															
CSWASA	Ü	000080	1	4775															
CSWASP	Ü	000004	1	4771															
CSWASUS	Ü	000004	1	4777															
CSWATTN	U	000020	1	4787															
SCSWBUSY	Ü	000010	1	4790															
CSWCCTL	ij	000010	1	4802															
CSWCCW	Δ	000004	4	4784	4367														
CSWCCWF	ΰ	000004	1	4756	.507														
CSWCCWP	Ü	000040	1	4757															
CSWCDAT	U	000040	1	4801															
SCSWCE	ij	000008	1	4791	4370														
SCSWCHNG	Ü	000001	1	4804	7570														
CSWCNT	Н	000001 00000A	2	4806	4368														
SCSWCS	X	000000	1	4796	7500														
SCSWCTLS	X	000001	1	4755															
SCSWCUE	Û	000001	1	4733															
SCSWDCC0	U	000020	1	4751															
CONDCCO	U	300000	1	4/71															

SYMBOL	TYPE	VALUE	LENGTH	DEEN	REFER	ENCES													
	1112		LLINGTH	DETIN	KEIEK	LINCLS													
SWDCC1	U	000001	1	4752															
SWDCC3	U	000003	1	4753															
SWDCCM	Ü	000003	1	4750															
					4270														
SWDE	U	000004	1	4792	4370														
SWECWC	U	000002	1	4762															
SWESWF	U	000004	1	4749															
SWFC	U	000010	1	4769															
SWFH	Ü	000020	ī	4768															
			1																
SWFLAG	X	000000	1	4746															
SWFM	U	000070	1	4766															
SWFS	U	000040	1	4767															
SWICTL	U	000002	1	4803															
SWIL	Ü	000040	$\bar{1}$	4798															
SWISIC	U	000020	1	4758															
SWKEYM	U	0000F0	1	4747															
SWL	U	00000C	1	4807															
SWPCI	U	000080	1	4797															
SWPNOP	Ü	000001	1	4763															
			1																
SWPRGM	U	000020	1	4799															
SWPROT	U	000010	1	4800															
SWSAS	U	000010	1	4778															
SWSINT	U	80000	1	4779															
SWSM	Ü	000040	1	4788															
			1																
SWSPEN	U	000001	1	4782															
SWSPRI	U	000004	1	4780	4365														
SWSSEC	U	000002	1	4781															
SWSSIC	U	800000	1	4760															
SWSUSC	Ü	000008	$\bar{1}$	4748															
					2070	2007	2012	2017	2021	2050	2050	2007	2005	4020	4022	1010	1011	4074	
SWUC	U	000002	1	4793	3879	3887	3912	3917	3921	3950	3958	3987	3995	4028	4032	4040	4044	4074	
					4082	4124	4128	4136	4140	4148	4152	4160	4164	4172	4177	4182	4214	4222	
					4230	4260	4271	4299											
SWUS	Χ	800000	1	4786	3879	3887	3912	3917	3921	3950	3958	3987	3995	4028	4032	4040	4044	4074	
			_		4077	4082	4085	4124	4128	4136	4140	4148	4152	4160	4164	4172	4177	4182	
							4230	4260		4299		7170	7172	4100	7107	71/2	71//	7102	
CLIIIV		000001	4	4704	4214	4222	4230	4200	4271	4299	4364								
SWUX	U	000001	1	4794	4077	4085													
NSE	Χ	000738	2	4457	3924	3926	4035	4047	4131	4143	4155	4167	4456	4530	4534				
NSECMD	U	000004	1	4419	4456	4530	4534												
NSEPGM	اما	000730	Ω 2	4456	4327														
	C		O A			1161	4465												
Z03A	C	000780	4	4466	3964	4464	4465												
Z03B	C	000794	4	4469	3964	4467	4468												
Z04A	C	0007A8	4	4473	4001	4471	4472												
Z04B	ſ	0007C4	4	4477	4001	4475	4476												
Z09A	C	0007C4	4	4516	4280	4514	4515												
	C																		
Z09B	L	000A28	4	4522	4280	4520	4521												
IP	U	000010	1	4415	4530	4534													
P11NOW	U	0000DB	1	4443	4559	4561													
P12NOW	ĪĪ	0000E3	1	4444	4540	4546													
	11		1																
P1NOW	U	00008B	1	4440	4543	4550													
P2NOW	U	000093	1	4441	4537														
P8NOW	U	0000C3	1	4442	4553	4555													
I	Ū	000020	1	4414	4456	4528	4529	4530	4531	4532	4533	4534	4536	4537	4539	4540	4541	4542	
_	J	555525	-		4543	4545	4546	4547	4548	4549	4550	4552	4553	4555	4556	4558	4559	4560	
					4343	4343	4340	434/	4340	4343	4330	4334	4333	4000	4000	4330	4000	4200	

SYMBOL	TYPE	VALUE	LENGTH	DEFN	REFER	ENCES													
					4561	4562	4564	4565	4566	4567	4568	4572	4573	4574	4575	4576	4577	4578	
					4579	4580	4582	4584		4586		4589	4590						
IS0CH9	U	000001	1	4449	4035	4047													
ISØDTCK	Ū	000008	1	4447	3924														
NSØEQCK	Ü	000010	$\bar{1}$	4446	3924														
NSØLDCK	Ü	000002	1	4448	4131	4143	4155	4167											
NS1LPCK	Ü	000002	1	4450	3926	4143	4100	4107											
			_																
PØAFTER	U	000001	1	4431	4549														
P1AFTER	U	000009	1	4432	4583	45.40	4540												
P1NOW	U	00000B	1	4436	4531	4542	4548												
P2AFTER	U	000011	1	4433	4562														
P2NOW	U	000013	1	4437	4556														
P3AFTER	U	000019	1	4434	4554														
P3NOW	U	00001B	1	4438	4541	4547	4560												
SARCHMD	X	0000A3	1	4895															
SARS	F	000120	4	4951															
SCLKCMP	F	0000E0	8	4945															
SCPUTIM	F	0000D8	8	4944															
SCRS	, F	0001C0	4	4954															
			-																
SFPRS	D	000160	8	4952															
SGRS	F	000180	4	4953															
SMODEL	F	00010C	4	4949															
SPREFIX	F	000108	4	4948															
SPSW	F	000100	8	4947															
SXSAA	Α	0000D4	4	4943															
TFLDATA	F	0000C8	4	4916															
VCICODE	H	00008A	2	4875															
VCIID	F.	000088	4	4871															
VCIILC	X	000089	1	4873															
			1																
VCIILCM	ñ	00000C	1	4874															
VCNPSW	F	000060	8	4858															
VCOPSW	F	000020	8	4830	4837														
EST01	I	0002E6	4	3874	3764														
EST02	I	00031E	4	3907															
EST03	I	000360	4	3945	3766														
EST04	I	0003A4	4	3982	3767														
EST05	I	0003E8	4	4023	3768														
EST06	I	000434	4	4069	3769														
EST07	T	00046C	4	4119	3770														
EST08	Ť	000528	4	4209	3771														
EST09	Ť	000520 00057C	4	4255	3772														
EST3211	1	000000	4112	3708	3711	2710	3726	2720	4596	1622									
	7																		
ESTFCB	X	00073A	12	4458	4536	4539	4545	4552	4558	4582									
IMER	F -	000050	4	4854															
TDES	<u> </u>	000054	4	4855															
A0	F	000010	8	4827															
A1	F	00004C	4	4852															
A2	F	0000A4	4	4897															
A3	F	0000B4	4	4906															
A4	X	0000B8	1	4907															
A5	X	0000CC	8	4917															
A6	X	0000EC	8	4923															
	^	JJJJLC	U	7723															

SIIA VCI .	0.2.0	Simple	3211 PI	TIICEI	16313					0	o may	2017	12:51:58	Page	44
MACRO	DEFN	REFEREN	ICES												
NTR PROB RCHIND RCHLVL SAIPL SALOAD SAREA SAZAREA PUWAIT SECTS	142 274 434 575 701 781 836 1021 1104 1430	3645 3644 3724 3707 4817 4344 4649	4681	4728	4743	4814									
WAIT WAITEND NADEV SA390	1633 1690 1698 1798	3803 3813 3834	3808	3814											
OCB OCBDS OFMT	1809 1985 2019	4381 4650 4682	4729	4744	4976	4994	5002								
OINIT OTRFR ORB OINTER SWFMT AWAIT AWIO	2357 2398 2446 2635 2663 2797 2893	3823 4400 3458*	4331												
ETARCH IGCPU MMGR	3618 3051 3109	3784	4331												
MMGRB RAP128 RAP64 RAPS	3209 3258 3235 3271	3709	3712												
ARCH EROH EROL EROLH	3345 3357 3385 3413														
EROLL	3436														



ASMA Ver. 0.2.0 Simple 3211 Pri	nter Tests		08 May 2	017 12:51:58	Page	46
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** NO ERRORS FOUND **						